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JESSE H. JONES, SECRETARY

BUREAU OF THE CENSUS

VERGIL D. REED, ACTING DIRECTOR



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SIR: I have the honor to submit herewith for publication the sixty-second issue of the Statistical Abstract of the United States. This annual volume is a compilation of authoritative statistics relating to the social and economic condition of the population and to the industrial, commercial, and governmental activities of the Nation. It is designed to serve as a convenient reference work for businessmen, economists, statisticians, students, and others who may have need of a statistical compendium covering a wide range of subjects.

The present volume was prepared in the Division of Territorial, Insular, and Foreign Statistics, of this Bureau, under the supervision of Kathleen H. Dugan, editor, and under the administrative direction of LeVerne Beales, Chief Statistician for the Division.

The first 34 issues of the Abstract were prepared and published by the Bureau of Statistics, originally a bureau of the Treasury Department and later of the Department of Commerce and Labor; the next 25 by the Bureau of Foreign and Domestic Commerce, now of the Department of Commerce; and subsequent issues by the Bureau of the Census.

The statistical tables contained in the Abstract are compilations of data collected by the various statistical agencies of the Federal Government, by several State agencies, and by a considerable number of nongovernmental organizations. Many of these agencies have rendered valuable assistance not only in supplying advance data but also in the actual preparation of tables for inclusion in the Abstract. Special mention on this account is due the following-named agencies of the Federal Government: The Bureau of Foreign and Domestic Commerce, the Bureau of Marine Inspection and Navigation, and the Weather Bureau, of the Department of Commerce; the Bureau of Agricultural Economics, the Agricultural Marketing Service, the Office of Foreign Agricultural Relations, the Farm Credit Administration, and the Forest Service, of the Department of Agriculture; the Office of Education and the Social Security Board, of the Federal Security Agency; the Bureau of Fisheries, the General Land Office, the Bureau of Mines, and the National Park Service, of the Department of the Interior; the Immigration and Naturalization Service, of the Department of Justice; the Bureau of Labor Statistics, of the Department of Labor; the Bureau of Customs and the Bureau of Internal Revenue, of the Treasury Department; the Federal Communications Commission; the Board of Governors of the Federal Reserve System; the Interstate Commerce Commission; the Railroad Retirement Board; the United States Maritime Commission; and the Veterans' Administration.

Respectfully,

VERGIL D. REED,  
*Acting Director of the Census.*

To HON. JESSE H. JONES,  
*Secretary of Commerce.*

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# STATISTICAL ABSTRACT OF THE UNITED STATES

## 1. AREA AND POPULATION

### NO. 1.—TERRITORIAL EXPANSION OF CONTINENTAL UNITED STATES AND ACQUISITIONS OF OUTLYING TERRITORIES AND POSSESSIONS

NOTE.—Gross areas include surface of inland waters except Great Lakes, Strait of Juan de Fuca, and Strait of Georgia. Revisions are due to greater accuracy of current maps. For dates of organization of States and Territories, see table 2, p. 1, Statistical Abstract, 1931, and previous issues

ACCESSION	Date	Gross area, square miles	ACCESSION	Date	Gross area, square miles
Aggregate (1930).....		3, 738, 395	Outlying territories and possessions.....		711, 606
Continental United States.....		3, 026, 789	Alaska Territory.....	1867	586, 400
Territory in 1790 <sup>1</sup> .....		892, 135	Hawaii Territory.....	1898	6, 407
Louisiana Purchase.....	1803	827, 987	Philippine Islands.....	1899	114, 400
Florida.....	1819	58, 666	Puerto Rico.....	1899	3, 435
By treaty with Spain.....	1819	13, 435	Guam.....	1899	206
Texas.....	1845	389, 169	American Samoa.....	1900	76
Oregon.....	1846	286, 641	Panama Canal Zone.....	1904	549
Mexican Cession.....	1848	529, 189	Virgin Islands of the U. S.....	1917	133
Gadsden Purchase.....	1853	29, 670			

<sup>1</sup> 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: Department of Commerce, Bureau of the Census; Reports of Fourteenth and Fifteenth Censuses, Population, Vol. I.

### NO. 2.—AREA, BY STATES: 1930

DIVISION AND STATE	AREA (SQURE MILES)			DIVISION AND STATE	AREA (SQURE MILES)		
	Land	Water	Total		Land	Water	Total
Continental U. S.....	2, 973, 776	153, 013	3, 026, 789	South Atlantic—Con.			
New England.....	61, 976	4, 448	66, 424	Virginia.....	40, 262	2, 365	42, 627
Maine.....	29, 895	3, 145	33, 040	West Virginia.....	24, 022	148	24, 170
New Hampshire.....	9, 031	310	9, 341	North Carolina.....	48, 740	3, 686	52, 426
Vermont.....	9, 124	440	9, 564	South Carolina.....	30, 495	494	30, 989
Massachusetts.....	8, 039	227	8, 266	Georgia.....	58, 725	540	59, 265
Rhode Island.....	1, 067	181	1, 248	Florida.....	54, 861	3, 805	58, 666
Connecticut.....	4, 320	145	4, 465	East South Central.....	179, 609	1, 974	181, 483
Middle Atlantic.....	100, 000	2, 564	102, 564	Kentucky.....	40, 181	417	40, 598
New York.....	47, 054	1, 550	48, 604	Tennessee.....	41, 687	335	42, 022
New Jersey.....	7, 514	710	8, 224	Alabama.....	51, 279	719	51, 998
Pennsylvania.....	44, 832	294	45, 126	Mississippi.....	46, 362	503	46, 865
East North Central.....	245, 564	2, 541	248, 105	West South Central.....	429, 748	8, 048	437, 794
Ohio.....	40, 740	300	41, 040	Arkansas.....	52, 525	810	53, 335
Indiana.....	36, 045	309	36, 354	Louisiana.....	45, 409	3, 097	48, 506
Illinois.....	56, 043	2, 622	58, 665	Oklahoma.....	69, 414	643	70, 057
Michigan.....	57, 480	2, 500	59, 980	Texas.....	262, 398	3, 498	265, 896
Wisconsin.....	55, 256	810	56, 066	Mountain.....	859, 009	6, 008	865, 017
West North Central.....	510, 804	7, 575	518, 379	Montana.....	146, 131	866	146, 997
Minnesota.....	80, 858	3, 824	84, 682	Idaho.....	83, 354	534	83, 888
Iowa.....	55, 586	561	56, 147	Wyoming.....	97, 543	366	97, 914
Missouri.....	68, 727	893	69, 620	Colorado.....	103, 658	290	103, 948
North Dakota.....	70, 183	664	70, 837	New Mexico.....	122, 503	131	122, 634
South Dakota.....	76, 898	747	77, 615	Arizona.....	113, 810	146	113, 956
Nebraska.....	76, 808	712	77, 520	Utah.....	82, 184	2, 806	84, 990
Kansas.....	81, 774	384	82, 158	Nevada.....	109, 821	869	110, 690
South Atlantic.....	269, 073	13, 837	282, 910	Pacific.....	318, 095	6, 028	324, 123
Delaware.....	1, 065	405	2, 370	Washington.....	66, 236	2, 291	68, 127
Maryland.....	9, 041	2, 386	12, 327	Oregon.....	95, 607	1, 092	96, 699
Dist. of Columbia.....	62	8	70	California.....	155, 652	2, 045	157, 297

<sup>1</sup> 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 Strait of Georgia, lying within the jurisdiction of the United States.

<sup>2</sup> Exclusive of Great Lakes.

<sup>3</sup> Exclusive of water area of the Strait of Juan de Fuca and Strait of Georgia.

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



## NO. 3.—AREA AND POPULATION OF CONTINENTAL UNITED STATES: 1790 TO 1940

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

CENSUS YEAR	AREA (SQUARE MILES)			POPULATION				
	Gross	Land	Water	Number	Per square mile <sup>1</sup>	Increase over preceding census		
						Number	Per- cent	Corrected percent, estimated
1790.....	892, 135	867, 980	24, 155	3, 929, 214	4. 5			
1800.....	892, 135	897, 990	24, 155	5, 308, 483	6. 1	1, 379, 269	35. 1	
1810.....	1, 720, 122	1, 685, 805	34, 257	7, 239, 881	4. 3	1, 931, 398	36. 4	
1820.....	1, 792, 223	1, 753, 588	38, 635	9, 638, 463	5. 5	2, 398, 572	38. 1	
1830.....	1, 792, 223	1, 753, 588	38, 635	12, 866, 020	7. 3	3, 227, 557	35. 5	
1840.....	1, 792, 223	1, 753, 588	38, 635	17, 069, 463	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, 072, 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	16. 1	
1940 <sup>2</sup> .....	3, 026, 789	2, 973, 776	53, 013	131, 409, 881	44. 2	8, 634, 835	7. 0	

<sup>1</sup> Based on land area.

<sup>2</sup> 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 percent for 123 months (the time between Jan. 1, 1920, and Apr. 1, 1930) is equivalent to 15.7 percent for exactly 10 years; and the 1920 increase for 110½ months (the time between Apr. 15, 1910, and Jan. 1, 1920) is equivalent to 15.4 percent 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.

<sup>3</sup> Area is that of 1930; population figures are preliminary.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth and Fifteenth Censuses, Population, Vol. I; 1940 figures, preliminary reports, Sixteenth Census.

## NO. 4.—POPULATION OF CONTINENTAL UNITED STATES AND OUTLYING TERRITORIES AND POSSESSIONS: 1920, 1930, AND 1940

NOTE.—These data represent actual enumerations, not estimates, as in table 14. For several of the outlying possessions they relate to dates other than 1920 and 1930, as indicated by footnotes. The census of continental United States was as of Jan. 1 in 1920 and Apr. 1 in 1930 and 1940. For additional statistics on population for certain of the outlying possessions, see sec. 36

AREA	Gross area (land and water) in square miles <sup>1</sup>	POPULATION		
		1920	1930	1940 <sup>2</sup>
United States, with outlying territories and possessions.....	3, 738, 395	117, 823, 185	137, 008, 485	150, 002, 417
Continental United States.....	3, 026, 789	105, 710, 620	122, 775, 046	131, 409, 881
Outlying territories and possessions.....	711, 606	12, 112, 545	14, 233, 389	18, 592, 536
Alaska Territory.....	586, 400	55, 036	59, 278	72, 361
American Samoa.....	76	8, 056	10, 055	12, 908
Guam.....	205	13, 275	18, 509	22, 290
Hawaii Territory.....	6, 407	255, 912	368, 336	423, 330
Panama Canal Zone.....	549	22, 858	30, 467	51, 827
Puerto Rico.....	3, 435	1, 299, 809	1, 543, 913	1, 869, 245
Military and naval, etc., services abroad.....		117, 238	89, 453	115, 383
Philippine Islands.....	114, 400	<sup>3</sup> 10, 314, 310	<sup>4</sup> 12, 082, 366	<sup>5</sup> 16, 000, 303
Virgin Islands of the United States.....	133	<sup>6</sup> 26, 051	22, 012	24, 889
Total continental United States and incor- porated territories (Alaska and Hawaii).....	3, 619, 596	106, 021, 568	123, 202, 660	131, 905, 572
Total Statistical Customs Area—Continental United States, Alaska, Hawaii, Puerto Rico, and beginning Jan. 1, 1935, Virgin Islands.....	3, 623, 031	107, 321, 377	124, 746, 573	133, 799, 706

<sup>1</sup> See headnote, table 1. <sup>2</sup> Preliminary. <sup>3</sup> Population Dec. 31, 1918.

<sup>4</sup> Estimated population July 1, 1920 (annual report of the director of education of the Philippine Islands).

<sup>5</sup> Enumeration in 1939 by the Philippine Government. <sup>6</sup> Population Nov. 1, 1917.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. I; 1940 figures, preliminary reports, Sixteenth Census.

No. 5.—POPULATION, BY STATES: 1940 (PRELIMINARY FIGURES)

NOTE.—Figures are based on announcements made by local supervisors and are subject to revision. For population by States at earlier censuses, see table 7, p. 4

DIVISION AND STATE	Population, 1940	Percent increase, 1930-1940 <sup>1</sup>	DIVISION AND STATE	Population, 1940	Percent increase, 1930-1940 <sup>1</sup>
Continental United States	2131,409,881	7.0	South Atlantic—Continued		
New England			Virginia	2,664,847	10.0
Maine	8,426,566	3.2	West Virginia	1,000,217	9.9
New Hampshire	845,139	6.0	North Carolina	3,563,174	12.4
Vermont	489,716	5.2	South Carolina	1,905,815	9.6
Massachusetts	357,598	-6.6	Georgia	3,119,953	7.3
Rhode Island	4,812,332	1.6	Florida	1,877,791	27.9
Connecticut	711,669	3.6	East South Central	10,762,067	8.9
Middle Atlantic			Kentucky	2,839,927	8.6
New York	27,419,893	4.4	Tennessee	2,910,992	11.3
New Jersey	13,379,622	6.3	Alabama	2,830,285	7.0
Pennsylvania	4,148,562	2.7	Mississippi	2,181,763	8.6
East North Central			West South Central	13,062,218	7.2
Ohio	9,891,799	2.7	Arkansas	1,948,268	5.1
Indiana	26,550,823	5.0	Louisiana	2,355,821	12.1
Illinois	6,889,023	3.7	Oklahoma	2,329,808	-2.8
Michigan	3,416,152	5.5	Texas	6,418,321	10.2
Wisconsin	5,245,012	8.3	Mountain		
West North Central			Montana	4,128,042	11.5
Minnesota	3,125,881	6.4	Idaho	554,136	8.1
Iowa	13,490,492	1.5	Wyoming	523,440	17.6
Missouri	2,785,896	8.7	Colorado	246,763	9.4
North Dakota	2,535,430	2.6	New Mexico	1,118,820	8.0
South Dakota	3,775,737	4.0	Arizona	528,687	24.9
Nebraska	639,090	-6.0	Utah	497,789	14.3
Kansas	641,134	-7.5	Nevada	545,393	8.0
South Atlantic			Pacific		
Delaware	1,313,468	-4.7	Washington	110,014	20.8
Maryland	1,799,137	-4.4	Oregon	9,692,781	18.2
District of Columbia	17,771,099	12.5	California	1,721,376	10.1
	264,603	11.0		1,087,717	14.0
	1,811,546	11.0		6,873,988	21.1
	663,153	36.2			

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Including allowance for supplementals (125,000) not distributed by States.

No. 6.—POPULATION OF CITIES OF 100,000 OR MORE INHABITANTS: 1940 (PRELIMINARY FIGURES)

NOTE.—Figures are based on announcements made by local supervisors and are subject to revision. For population at earlier censuses, see table 24, p. 22

CITY	1940	CITY	1940	CITY	1940
Akron, Ohio	243,130	Indianapolis, Ind.	386,170	Portland, Oreg.	307,572
Albany, N. Y.	130,447	Jacksonville, Fla.	174,336	Providence, R. I.	253,214
Atlanta, Ga.	302,538	Jersey City, N. J.	301,012	Reading, Pa.	110,704
Baltimore, Md.	854,144	Kansas City, Kans.	221,258	Richmond, Va.	190,341
Birmingham, Ala.	264,151	Kansas City, Mo.	400,175	Rochester, N. Y.	324,694
Boston, Mass.	760,520	Knoxville, Tenn.	112,002	St. Louis, Mo.	813,748
Bridgeport, Conn.	146,900	Long Beach, Calif.	163,441	St. Paul, Minn.	288,023
Buffalo, N. Y.	575,150	Los Angeles, Calif.	1,496,792	Sacramento, Calif.	105,530
Cambridge, Mass.	111,120	Louisville, Ky.	318,713	Salt Lake City, Utah	150,019
Camden, N. J.	117,777	Lowell, Mass.	101,331	San Antonio, Tex.	253,143
Canton, Ohio	107,862	Memphis, Tenn.	291,312	San Diego, Calif.	292,038
Charlotte, N. C.	100,327	Miami, Fla.	170,877	San Francisco, Calif.	629,553
Chattanooga, Tenn.	128,138	Milwaukee, Wis.	589,558	Scranton, Pa.	140,393
Chicago, Ill.	3,384,556	Minneapolis, Minn.	489,971	Seattle, Wash.	366,847
Cincinnati, Ohio	452,852	Nashville, Tenn.	167,415	Somerville, Mass.	102,304
Cleveland, Ohio	878,385	Newark, N. J.	428,236	South Bend, Ind.	101,410
Columbus, Ohio	304,936	New Bedford, Mass.	110,296	Spokane, Wash.	122,462
Dallas, Tex.	293,306	New Haven, Conn.	160,257	Springfield, Mass.	148,989
Dayton, Ohio	211,456	New Orleans, La.	492,282	Syracuse, N. Y.	205,937
Denver, Colo.	318,415	New York, N. Y.	7,380,259	Tacoma, Wash.	107,520
Des Moines, Iowa	159,155	Bronx Borough	1,385,777	Tampa, Fla.	107,674
Detroit, Mich.	1,618,549	Brooklyn Borough	2,660,479	Toledo, Ohio	281,066
Duluth, Minn.	100,238	Manhattan Borough	1,871,474	Trenton, N. J.	124,085
Elizabeth, N. J.	109,396	Queens Borough	1,291,314	Tulsa, Okla.	141,750
Erie, Pa.	116,247	Richmond Borough	171,215	Utica, N. Y.	100,534
Fall River, Mass.	115,567	Norfolk, Va.	143,275	Washington, D. C.	663,153
Flint, Mich.	151,275	Oakland, Calif.	304,909	Wichita, Kans.	113,540
Fort Wayne, Ind.	116,190	Oklahoma City, Okla.	204,517	Wilmington, Del.	111,432
Fort Worth, Tex.	177,748	Omaha, Nebr.	223,185	Worcester, Mass.	193,402
Gary, Ind.	110,863	Paterson, N. J.	139,651	Yonkers, N. Y.	142,404
Grand Rapids, Mich.	164,061	Peoria, Ill.	105,003	Youngstown, Ohio	167,426
Hartford, Conn.	166,329	Philadelphia, Pa.	1,935,086		
Houston, Tex.	386,150	Pittsburgh, Pa.	665,384		

Source of tables 5 and 6: Department of Commerce, Bureau of the Census; preliminary reports, Sixteenth Census.

NOTE.—The census of 1870 in the

	DIVISION AND STATE	POPULATION							
		1790	1800	1810	1820	1830	1840	1850	1860
1	Continental U. S. . . . .	3,829,214	5,308,489	7,239,881	9,638,458	12,868,020	17,069,453	23,181,876	31,443,321
2	New England . . . . .	1,009,408	1,283,011	1,471,973	1,660,071	1,954,717	2,234,822	2,728,118	3,185,288
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	260,328	284,574	317,976	326,073
5	Vermont . . . . .	85,425	154,465	217,896	235,981	280,652	291,948	314,120	315,098
6	Massachusetts . . . . .	378,787	422,846	472,040	523,287	610,408	737,690	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 . . . . .	958,832	1,402,665	2,014,702	2,699,845	3,587,664	4,526,280	5,898,735	7,458,985
10	New York . . . . .	340,120	689,051	959,049	1,372,812	1,918,608	2,428,921	3,007,394	3,880,735
11	New Jersey . . . . .	184,139	211,149	245,562	277,575	320,823	373,300	489,555	672,036
12	Pennsylvania . . . . .	434,373	602,365	810,001	1,049,458	1,348,233	1,724,033	2,311,786	2,906,215
13	East North Central . . . . .		51,006	273,342	792,719	1,470,018	2,924,728	4,528,260	6,928,884
14	Ohio . . . . .		45,365	230,760	581,434	937,903	1,519,407	1,980,329	2,339,511
15	Indiana . . . . .		5,641	24,520	147,178	343,031	685,860	988,416	1,350,428
16	Illinois . . . . .			12,282	55,211	157,445	476,183	851,470	1,711,951
17	Michigan . . . . .			4,762	8,896	31,639	212,267	397,654	749,113
18	Wisconsin . . . . .						30,945	305,391	775,881
19	West North Central . . . . .			19,783	66,586	140,455	426,814	860,335	2,169,832
20	Minnesota . . . . .							6,077	172,023
21	Iowa . . . . .						43,112	102,214	674,913
22	Missouri . . . . .			19,783	66,586	140,455	383,702	682,044	1,182,012
23	North Dakota . . . . .								( <sup>1</sup> )
24	South Dakota . . . . .								( <sup>1</sup> ) 4,837
25	Nebraska . . . . .								28,841
26	Kansas . . . . .								107,206
27	South Atlantic . . . . .	1,851,808	2,286,494	2,674,891	3,061,063	3,645,752	3,925,299	4,679,080	5,364,703
28	Delaware . . . . .	59,006	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 . . . . .	747,610	880,200	974,600	1,065,369	1,211,405	1,239,797	1,421,601	1,896,818
32	West Virginia . . . . .								( <sup>1</sup> )
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	162,086	252,433	340,989	516,823	691,392	906,185	1,057,283
36	Florida . . . . .					34,730	54,477	87,445	140,424
37	East South Central . . . . .	109,388	335,407	708,590	1,190,489	1,815,969	2,575,445	3,363,271	4,020,991
38	Kentucky . . . . .	73,677	220,955	406,511	504,317	687,917	779,828	982,405	1,155,084
39	Tennessee . . . . .	35,691	105,002	261,727	422,823	681,904	820,210	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	940,261	1,747,667
43	Arkansas . . . . .			71,062	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 . . . . .							62,597	379,994

<sup>1</sup> A minus sign (—) denotes decrease.<sup>2</sup> 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.<sup>3</sup> 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: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. I.

STATES: 1790 to 1930

Southern States is considered incomplete

POPULATION—continued							PERCENT INCREASE <sup>1</sup>		PERCENT DISTRIBUTION	
1870	1880	1890 <sup>2</sup>	1900	1910	1920	1930	1900-1930	1920-1930	1920	1930
38,568,371	50,155,783	62,047,714	75,994,575	91,972,266	105,710,620	122,775,046	61.6	16.1	100.0	100.0
3,487,824	4,010,529	4,700,749	5,592,017	6,559,681	7,400,909	8,166,341	48.0	10.8	7.0	6.7
620,915	149,034	681,080	694,460	742,371	708,014	707,423	14.8	3.8	.7	.0
318,300	340,991	376,550	411,598	430,572	443,083	465,293	13.0	5.0	.4	.4
330,551	382,280	332,422	343,041	355,959	382,428	359,611	4.6	2.0	.3	.3
1,437,331	1,782,085	2,236,047	2,806,340	3,366,416	3,852,350	4,246,614	51.5	10.8	3.6	3.5
217,333	270,531	345,506	428,555	542,610	604,397	687,497	60.4	13.7	.6	.7
537,454	622,700	746,358	908,020	1,114,756	1,380,631	1,606,903	76.9	16.4	1.3	1.3
8,810,806	10,496,878	12,706,220	15,454,678	19,315,892	22,261,144	26,260,750	69.9	15.0	21.1	21.4
4,352,759	5,082,371	6,003,174	7,265,894	9,113,614	10,385,227	12,588,066	73.2	21.2	6.8	10.3
3,066,090	1,131,116	1,444,933	1,883,609	2,537,107	3,165,900	4,041,334	114.5	28.1	3.0	3.3
3,621,951	4,282,801	5,258,113	6,302,115	7,665,111	8,720,017	9,631,350	52.8	10.5	8.2	7.8
9,124,517	11,206,668	13,478,305	15,985,561	18,250,921	21,475,543	26,297,185	58.3	17.8	30.3	20.6
2,665,260	3,198,062	3,672,329	4,167,545	4,767,121	5,769,394	6,646,697	59.9	15.4	5.4	5.4
1,680,637	1,978,301	2,102,404	2,516,462	2,700,870	2,930,800	3,238,503	28.7	10.5	2.8	2.9
2,536,891	3,077,371	3,826,352	4,821,550	5,938,591	6,485,280	7,630,954	58.3	17.7	6.1	6.2
1,184,659	1,630,937	2,038,850	2,420,982	2,810,173	3,068,412	4,842,325	100.0	32.0	3.5	3.9
1,054,070	1,315,497	1,693,300	2,069,020	2,333,860	2,632,067	2,936,006	42.0	11.7	2.5	2.4
8,856,564	6,187,443	8,932,112	10,547,423	11,637,921	12,544,249	13,266,916	28.6	6.0	11.9	10.8
439,706	780,773	1,310,283	1,751,394	2,075,708	2,387,125	2,563,953	46.4	7.4	2.2	2.1
1,104,020	1,624,615	1,912,297	2,281,853	2,224,771	2,404,021	2,470,939	10.7	2.8	2.3	2.0
1,721,295	2,168,380	2,670,135	3,106,008	3,282,335	3,404,055	3,629,397	16.8	6.0	3.2	3.0
2,405	30,909	100,983	319,143	577,056	640,872	680,845	113.3	5.3	.6	.6
11,776	98,268	348,600	401,570	585,888	630,547	692,849	72.5	8.8	.6	.24
122,068	452,402	1,062,656	1,066,300	1,192,214	1,296,372	1,377,993	29.2	6.3	1.2	1.1
304,399	996,096	1,428,108	1,470,495	1,690,949	1,769,257	1,880,969	27.9	6.3	1.7	1.6
5,853,610	7,597,197	8,867,922	10,449,480	12,194,895	13,960,272	15,793,569	51.2	12.9	13.2	12.9
125,015	146,608	165,498	184,735	202,322	223,003	238,560	29.0	6.9	.2	.2
780,894	934,943	1,042,390	1,188,020	1,295,346	1,449,061	1,631,320	37.3	12.5	1.4	1.3
1,317,700	1,779,224	2,300,322	2,787,118	3,310,689	4,377,571	4,860,869	74.7	11.3	4.4	.4
1,235,163	1,612,565	1,655,980	1,854,184	2,061,612	2,309,187	2,421,851	30.0	4.9	2.2	2.0
4,442,014	6,187,457	7,627,949	9,658,300	11,221,119	1,463,701	1,729,205	80.4	18.1	1.4	1.4
1,071,361	1,399,760	1,767,049	1,893,810	2,206,287	2,569,123	3,170,276	67.4	23.9	2.4	2.6
7,005,600	9,955,577	1,151,149	1,340,319	1,515,400	1,683,724	1,738,765	29.7	3.3	1.6	1.4
1,184,109	1,542,180	1,837,353	2,216,331	2,600,121	2,895,832	2,908,500	31.2	4.4	2.7	2.4
187,748	269,493	391,422	528,542	752,619	968,470	1,408,211	177.8	51.6	.9	1.2
4,404,445	5,686,151	6,429,154	7,647,767	8,409,901	8,898,307	9,687,214	31.0	11.2	8.4	8.1
1,321,611	1,648,690	1,858,635	2,147,174	2,289,905	2,416,630	2,614,589	21.8	8.2	2.3	2.1
1,268,590	1,542,359	1,767,518	2,020,616	2,184,789	2,337,885	2,616,556	29.5	11.9	2.2	2.1
986,692	1,242,605	1,513,401	1,828,697	2,138,093	2,348,174	2,646,248	44.7	12.7	2.2	2.0
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
2,029,865	3,334,220	4,740,983	6,532,990	8,784,634	10,242,224	12,178,850	36.4	18.9	9.7	8.9
484,471	802,525	1,128,211	1,311,654	1,574,449	1,752,204	1,854,482	41.4	5.8	1.7	1.5
726,916	939,046	1,118,598	1,381,625	1,656,388	1,798,509	2,101,593	52.1	16.9	1.7	1.7
818,579	1,591,749	2,236,527	3,048,710	3,896,542	4,693,228	5,824,715	91.1	24.9	4.4	4.7
315,385	653,119	1,213,935	1,674,657	2,633,517	3,336,101	3,701,789	121.0	11.0	3.2	3.0
20,595	39,169	142,924	243,329	376,053	548,889	537,600	120.9	-1.1	.5	.4
14,999	32,610	85,548	161,772	325,594	481,866	445,032	175.1	3.0	.4	.4
9,118	20,789	62,555	92,531	145,966	194,402	225,555	143.8	16.0	.2	.2
39,864	194,327	413,249	539,700	799,024	939,629	1,035,791	91.9	10.2	.9	.8
91,874	119,505	100,282	195,310	327,301	360,350	423,317	116.7	17.5	.3	.3
0,688	40,440	88,243	122,931	204,354	334,162	435,573	254.3	30.3	.3	.4
86,786	143,903	210,779	276,749	373,351	449,396	507,847	83.5	13.0	.4	.4
42,491	62,260	47,355	42,335	81,875	77,407	91,058	115.1	17.6	.1	.1
675,125	1,114,578	1,888,334	2,416,692	4,192,304	5,566,871	8,194,433	239.1	47.2	5.3	6.7
23,955	75,116	367,232	618,103	1,141,990	1,356,621	1,563,396	201.8	15.2	1.3	1.3
90,923	174,708	317,704	413,536	672,765	783,389	953,736	130.6	21.8	.7	.8
560,247	864,694	1,213,398	1,485,056	2,377,549	3,426,861	5,677,251	232.3	65.7	3.2	4.6

<sup>1</sup> Population of area taken to form State of Missouri in 1821; part of Louisiana Territory in 1810.  
<sup>2</sup> Population shown for South Dakota in 1860 represents entire Dakota Territory; for 1870 and 1880, population parts as since existing have been segregated.  
<sup>3</sup> Area now constituting West Virginia formed part of Virginia prior to 1870.  
<sup>4</sup> Population of area taken to form Arkansas Territory in 1819; part of Louisiana Territory in 1810.  
<sup>5</sup> Includes population of Indian Territory, as follows: 1890, 180,182; 1900, 392,080.

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 cannot 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, Dec. 31, 1918, based on gross area, and not land area, was as follows: Alaska, 0.1; Hawaii, 57.5; Puerto Rico, 449.5; Philippine Islands, 90.0

DIVISION AND STATE	1800	1850	1860	1870	1880	1900	1910	1920	1930	
Continental U. S. ....	6.1	7.9	10.6	13.0	16.9	21.2	25.6	30.9	35.5	41.3
New England. ....	19.9	44.0	50.6	56.3	64.7	75.8	90.2	105.7	119.4	131.8
Maine. ....	5.1	19.5	21.0	21.0	21.7	22.1	23.2	24.8	25.7	26.7
New Hampshire. ....	20.4	35.2	36.1	35.2	38.4	41.7	45.6	47.7	49.1	51.5
Vermont. ....	16.9	34.4	34.6	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	523.6
Rhode Island. ....	64.8	138.3	163.7	203.7	259.2	323.8	401.6	508.5	566.4	644.3
Connecticut. ....	52.1	76.9	95.5	111.5	129.2	154.8	188.5	231.3	286.4	333.4
Middle Atlantic. ....	14.0	59.0	74.6	88.1	105.0	137.1	154.5	193.2	222.6	262.6
New York. ....	12.4	65.0	81.4	92.0	106.7	136.0	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. ....	( <sup>1</sup> )	27.5	37.6	46.8	55.1	61.1	70.1	74.9	81.3	89.8
Illinois. ....		15.2	30.6	45.4	55.0	68.3	86.1	100.6	115.7	136.2
Michigan. ....		6.9	13.0	20.6	28.5	36.4	42.1	48.9	63.8	84.2
Wisconsin. ....		5.5	14.0	19.1	23.8	30.6	37.4	42.2	47.6	53.2
West North Central. ....		3.1	3.0	7.6	12.1	17.5	20.3	22.8	24.6	26.0
Minnesota. ....		( <sup>1</sup> )	2.1	5.4	9.7	16.2	21.7	25.7	29.5	31.7
Iowa. ....		3.5	12.1	21.5	29.2	34.4	40.2	40.0	43.2	44.5
Missouri. ....		9.9	17.2	25.0	31.6	39.0	45.2	47.9	49.5	52.8
North Dakota. ....			( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	4.5	8.2	9.2	9.7
South Dakota. ....			( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	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	4.6	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	38.0	45.3	52.0	58.7
Delaware. ....	32.7	46.6	57.1	63.6	74.6	85.7	94.0	103.0	113.5	121.3
Maryland. ....	34.4	58.0	69.1	78.6	94.0	104.9	119.5	130.3	145.8	164.1
Dist. of Columbia. ....	166.6	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	51.5
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	28.6	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	5.8	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. ....						<sup>3</sup> 3.7	<sup>3</sup> 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	4.9
Montana. ....				1.1	3.3	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	1.2	1.9	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	1.8	1.6	2.7	2.9	3.5
Arizona. ....				1	4	1.1	1.1	1.8	2.9	3.8
Utah. ....		( <sup>1</sup> )	3	1.1	1.8	2.6	3.4	4.5	5.5	6.2
Nevada. ....			1	4	6	4	4	7	7	8
Pacific. ....		2	1.0	2.1	3.5	5.9	7.6	13.2	17.5	25.8
Washington. ....			1	4	1.1	5.3	7.8	17.1	20.3	23.4
Oregon. ....		( <sup>1</sup> )	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

<sup>1</sup> Less than one-tenth of 1.  
<sup>2</sup> Dakota Territory: Less than one-tenth of 1 in 1860, 0.1 in 1870, and 0.9 in 1880.  
<sup>3</sup> Oklahoma and Indian Territory combined. Separate data are as follows: Indian Territory, 5.9 in 1890 and 12.7 in 1900; Oklahoma, 2.0 in 1890 and 10.3 in 1900.

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

No. 9.—POPULATION, FOR URBAN SIZE GROUPS AND FOR RURAL TERRITORY: 1900 TO 1930

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 3 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 percent of the population of the town. The total urban and rural population for 1880 and 1890 is as follows: Urban—1880, 14,358,167; 1890, 22,298,359; rural—1880, 35,797,616; 1890, 40,649,355; percent urban—1880, 28.6; 1890, 35.4

CLASS	1900		1910		1920	
	Number of places	Population	Number of places	Population	Number of places	Population
Total.....	-----	75,994,875	-----	81,972,268	-----	105,710,620
Urban territory.....	1,801	30,380,433	2,313	42,166,120	2,787	64,504,603
Places of 1,000,000 or more.....	3	6,429,474	3	8,501,174	3	10,145,632
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	3,940,839	13	4,540,838
Places of 100,000 to 250,000.....	23	3,272,490	31	4,840,458	43	6,510,187
Places of 50,000 to 100,000.....	40	2,709,338	50	4,178,915	76	5,265,747
Places of 25,000 to 50,000.....	82	2,800,627	119	4,026,015	143	5,075,041
Places of 10,000 to 25,000.....	280	4,338,250	307	5,524,434	450	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	-----	49,806,148	-----	51,406,017
Incorporated places of less than 2,500.....	8,930	6,301,533	11,829	8,164,625	12,853	8,963,125
Other rural territory.....	-----	39,312,609	-----	41,641,518	-----	42,442,892

CLASS	1930		PERCENT 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	68,964,823	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	6.3	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	6,426,693	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. 10.—POPULATION OF PLACES WITH 8,000 INHABITANTS OR MORE: 1790 TO 1930

YEAR	Total population	PLACES OF 8,000 INHABITANTS OR MORE			YEAR	Total population	PLACES OF 8,000 INHABITANTS OR MORE		
		Population	Number of places	Percent of total population			Population	Number of places	Percent 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	11,305,098	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	475,136	13	4.9	1900.....	75,994,875	25,018,335	547	32.9
1830.....	12,866,020	804,509	26	6.7	1910.....	91,972,266	35,570,384	768	38.7
1840.....	17,069,463	1,453,994	44	8.5	1920.....	105,710,620	46,307,040	924	43.8
1850.....	23,191,876	2,897,686	85	12.5	1930.....	122,775,046	60,335,462	1,208	49.1
1860.....	31,443,321	5,072,256	141	16.1					

Source of tables 9 and 10: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. I.

AREA AND POPULATION

No. 11.—POPULATION, URBAN AND RURAL, BY STATES: 1910 TO 1930

NOTE.—See headnote, table 9. 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 percent 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		PERCENT URBAN		
	Urban	Rural	Urban	Rural	Urban	Rural	1910	1920	1930
Continental U. S.....	42,166,120	49,806,146	54,804,603	51,406,017	68,954,823	53,820,223	45.8	51.4	56.2
New England.....	4,998,082	1,554,599	6,865,073	1,636,836	8,311,978	1,854,365	76.9	76.2	77.3
Maine.....	262,248	480,123	299,569	468,445	321,506	475,017	95.3	99.0	40.3
New Hampshire <sup>1</sup> .....	255,099	175,473	279,761	193,322	273,079	192,214	59.2	63.1	58.7
Vermont.....	98,917	257,039	109,976	242,452	118,766	240,445	27.8	31.2	33.0
Massachusetts <sup>1</sup> .....	3,125,867	241,049	3,650,248	202,108	3,831,426	418,188	92.8	94.8	90.2
Rhode Island <sup>1</sup> .....	524,654	17,956	589,180	15,217	635,429	52,068	96.7	97.5	92.4
Connecticut <sup>1</sup> .....	731,797	382,950	936,330	444,292	1,131,770	475,133	66.6	67.8	70.4
Middle Atlantic.....	13,723,373	5,592,519	16,672,595	5,568,546	20,394,707	5,866,043	71.0	74.9	77.7
New York <sup>1</sup> .....	7,185,944	1,928,120	8,589,844	1,795,383	10,521,952	2,066,114	73.8	82.7	83.6
New Jersey <sup>1</sup> .....	1,907,210	629,957	2,474,930	680,964	3,339,244	702,090	75.2	78.4	82.6
Pennsylvania <sup>1</sup> .....	4,680,669	3,034,442	5,607,815	3,112,202	6,633,511	3,097,839	60.4	64.3	67.8
East North Central.....	9,617,271	8,633,350	13,048,273	8,428,271	10,794,908	8,502,277	57.7	60.9	66.4
Ohio.....	2,665,143	2,101,978	3,677,136	2,082,258	4,607,371	2,139,326	55.9	63.8	67.8
Indiana.....	1,143,835	1,557,041	1,482,855	1,447,535	1,795,892	1,442,611	42.4	50.6	55.5
Illinois.....	3,476,929	2,161,662	4,408,153	2,082,127	5,835,727	1,994,927	61.7	67.9	73.9
Michigan.....	1,327,044	1,493,129	2,241,500	1,426,852	3,602,075	1,540,250	47.2	61.1	68.2
Wisconsin.....	1,004,320	1,329,540	1,244,508	1,387,499	1,858,848	1,385,163	43.0	47.3	52.9
West North Central.....	3,873,716	7,764,205	4,727,373	7,816,877	5,556,181	7,740,734	39.3	37.7	41.8
Minnesota.....	860,294	1,225,414	1,051,593	1,336,532	1,257,016	1,306,337	41.0	41.4	49.0
Iowa.....	680,650	1,544,717	875,495	1,528,526	979,292	1,491,047	30.0	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.....	68,236	513,820	88,239	558,033	113,306	567,539	11.0	13.6	16.6
South Dakota.....	70,673	507,215	101,872	534,675	130,907	561,942	13.1	16.0	18.9
Nebraska.....	310,852	881,362	405,306	891,066	486,107	891,856	26.1	31.3	35.3
Kansas.....	493,790	1,197,169	617,964	1,151,293	729,834	1,151,165	29.2	34.9	38.8
South Atlantic.....	3,092,163	9,102,742	4,338,792	9,651,480	6,198,122	10,095,467	25.4	31.0	36.1
Delaware.....	97,085	105,237	120,707	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	50.0	60.0	69.8
District of Columbia.....	331,069	437,571	437,571	437,571	486,869	486,869	100.0	100.0	100.0
Virginia.....	476,529	1,585,083	673,984	1,635,203	785,637	1,636,314	23.1	29.2	32.4
West Virginia.....	228,242	902,877	369,007	1,094,694	491,504	1,237,701	18.7	25.2	28.4
North Carolina.....	318,474	1,887,813	490,370	2,068,753	809,847	2,360,420	14.4	19.2	25.5
South Carolina.....	224,832	1,290,568	293,987	1,389,737	371,080	1,367,685	14.8	17.5	21.3
Georgia.....	538,660	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	788,433	29.1	36.7	61.7
East South Central.....	1,574,229	6,385,672	1,994,207	6,899,100	2,778,687	7,108,627	18.7	22.4	28.1
Kentucky.....	556,442	1,734,403	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	806,538	1,720,018	20.2	26.1	34.3
Alabama.....	370,431	1,767,662	509,317	1,838,857	744,273	1,901,975	17.3	21.7	28.1
Mississippi.....	207,311	1,589,803	240,121	1,650,497	338,850	1,670,971	11.5	13.4	16.9
West South Central.....	1,957,456	6,827,078	2,970,829	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	382,373	1,471,604	12.9	16.6	20.6
Louisiana.....	496,510	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	321,681	1,574,359	19.3	26.6	34.3
Texas.....	938,104	2,958,438	1,512,689	3,150,539	2,389,348	3,435,867	24.1	32.4	41.0
Mountain.....	947,511	1,686,006	1,214,980	2,121,121	1,457,922	2,243,867	36.0	36.4	39.4
Montana.....	133,420	242,633	172,011	376,878	181,036	350,570	35.5	31.3	33.7
Idaho.....	69,898	265,606	110,037	312,829	120,507	315,525	20.5	26.1	29.1
Wyoming.....	43,221	102,744	57,348	137,054	70,097	155,468	20.6	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.....	63,200	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.....	13,307	68,508	16,254	62,153	34,464	56,594	16.3	19.7	37.8
Pacific.....	2,382,329	1,809,975	3,471,483	2,095,368	5,534,861	2,659,552	56.8	62.4	67.5
Washington.....	605,530	536,460	748,735	607,886	884,539	678,857	53.0	55.2	56.6
Oregon.....	307,000	395,705	391,019	392,370	489,746	464,400	45.6	49.9	51.3
California <sup>1</sup> .....	1,469,739	907,810	2,331,729	1,065,132	4,160,696	1,516,655	61.8	68.0	78.8

<sup>1</sup> See headnote.

No. 12.—POPULATION ON FARMS AND IN RURAL AREAS OTHER THAN FARMS, BY STATES: 1920 AND 1930

NOTE.—For farm population Jan. 1, 1935, as reported in the Agricultural Census of 1935, consult index for references to tables in section 25, Farms—General Statistics

DIVISION AND STATE	FARM POPULATION				RURAL-FARM POPULATION		URBAN-FARM POPULATION		Rural nonfarm population, 1930
	Number		Percent 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	287,897	23,652,710
New England	895,877	573,251	8.5	7.0	535,492	499,083	90,455	74,168	1,855,282
Maine	197,601	170,905	25.7	21.4	139,020	101,429	5,575	9,566	514,458
New Hampshire	76,021	62,850	17.2	13.5	64,607	54,911	11,414	7,939	137,303
Vermont	125,203	123,240	35.5	31.4	124,445	111,898	813	1,006	123,947
Massachusetts	118,554	123,275	3.1	2.9	61,732	50,309	56,522	42,940	337,879
Rhode Island	15,136	16,477	2.5	2.4	5,315	10,289	9,521	6,188	41,779
Connecticut	93,302	80,770	6.8	5.4	90,207	80,247	3,005	6,523	394,886
Middle Atlantic	1,892,789	1,707,719	8.5	8.5	1,361,181	1,273,694	31,628	34,025	4,192,849
New York	800,747	719,929	7.7	5.7	782,064	700,446	17,793	13,483	1,856,668
New Jersey	143,708	131,066	4.6	3.2	130,847	121,008	6,861	10,088	831,082
Pennsylvania	948,334	856,694	10.9	8.9	941,300	845,240	6,974	10,454	2,251,699
East North Central	4,919,693	4,488,933	22.9	17.7	4,867,204	4,458,114	20,429	35,819	4,049,163
Ohio	1,139,329	1,013,230	10.8	15.2	1,133,612	1,004,288	5,417	9,941	1,155,033
Indiana	907,295	813,007	31.0	25.1	902,820	808,981	4,475	4,020	633,630
Illinois	1,098,262	999,240	16.0	13.1	1,090,738	991,401	7,526	7,848	1,008,626
Michigan	848,710	782,394	23.1	16.2	844,499	775,436	4,211	6,952	764,814
Wisconsin	920,037	881,056	35.0	30.0	915,237	873,008	4,800	8,040	512,155
West North Central	6,171,598	5,068,135	41.2	38.1	5,153,183	5,035,561	18,413	32,574	2,705,173
Minnesota	897,181	895,340	37.6	34.9	893,460	883,049	3,721	7,800	418,288
Iowa	984,799	977,906	41.0	39.0	977,694	964,659	7,105	13,247	529,938
Missouri	1,211,346	1,114,484	35.6	30.7	1,207,899	1,108,099	3,447	5,515	661,279
North Dakota	394,500	397,294	61.0	58.4	393,622	396,371	878	423	370,668
South Dakota	322,221	300,205	50.9	56.3	301,886	309,431	386	774	172,511
Nebraska	684,172	685,791	45.1	42.5	682,738	682,981	1,434	2,720	308,375
Kansas	737,877	707,190	41.7	37.0	735,884	704,001	1,993	2,595	440,564
South Atlantic	6,416,898	5,898,176	45.9	37.3	6,397,757	5,978,956	19,941	19,220	4,216,511
Delaware	51,212	46,580	23.0	19.5	51,151	46,302	61	61	65,982
Maryland	279,225	237,456	19.3	14.0	277,686	236,172	1,599	1,284	420,485
Dist. of Columbia	894	765	2	1	894	765	894	765	894
Virginia	1,084,417	950,767	40.1	30.3	1,050,913	948,740	4,504	4,051	987,568
West Virginia	477,924	440,114	32.7	26.0	476,691	447,750	1,293	1,364	789,951
North Carolina	1,501,227	1,559,118	58.7	50.5	1,499,946	1,537,220	1,281	2,698	783,200
South Carolina	1,074,693	916,417	63.8	52.7	1,072,470	914,098	2,214	2,373	453,587
Georgia	1,685,213	1,418,514	58.2	48.3	1,680,611	1,413,710	4,602	4,795	299,295
Florida	281,893	278,931	29.1	19.0	279,370	274,940	2,523	4,032	493,484
East South Central	5,182,937	5,095,098	38.3	51.5	5,174,808	5,084,455	8,131	10,661	2,024,092
Kentucky	1,304,882	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	2,520	2,387	500,953
Alabama	1,335,835	1,240,277	50.9	50.0	1,334,513	1,236,409	1,372	3,868	565,560
Mississippi	1,270,482	1,362,943	71.0	67.8	1,268,772	1,360,720	1,710	2,114	1,010,242
West South Central	5,928,199	5,328,412	51.0	43.7	5,210,570	5,307,939	17,629	17,893	2,441,452
Arkansas	1,147,049	1,110,404	65.5	60.4	1,144,482	1,117,330	2,567	2,134	354,274
Louisiana	786,050	830,606	43.7	30.5	784,455	826,882	1,595	3,734	441,170
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	1,188,967	1,138,718	35.0	30.8	1,162,993	1,123,693	15,974	15,025	1,120,174
Montana	225,667	204,504	41.1	38.1	225,380	203,962	278	632	1,152,008
Idaho	200,962	188,365	40.5	42.3	196,583	186,100	4,339	2,265	129,425
Wyoming	67,306	73,152	34.6	32.4	67,076	72,905	230	247	82,563
Colorado	266,073	282,827	28.3	27.3	265,281	281,038	792	1,780	234,871
New Mexico	161,446	158,831	44.8	37.5	160,542	157,906	904	725	158,595
Arizona	90,550	98,995	27.1	22.7	90,167	98,819	393	176	180,898
Utah	140,240	115,713	31.2	22.8	131,872	106,667	8,377	9,046	134,916
Nevada	16,164	16,441	20.0	18.1	16,103	16,266	61	145	40,293
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	4,664	378,714
Oregon	214,021	223,667	27.3	23.5	212,000	221,545	2,012	2,122	242,496
California	516,770	620,506	15.1	10.9	493,513	579,360	23,257	41,156	937,305

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



## No. 13.—POPULATION, ESTIMATED AS OF JULY 1, BY STATES: 1928 TO 1937

NOTE.—Estimates of population for 1928 and 1929 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 1930 to 1937, the total population is estimated upon the basis of the available birth, death, immigration, and emigration figures, allowance being made for unregistered births and deaths. For State estimates for 1934 and 1935 a study of local conditions was made through State data, principally school statistics, State censuses, and a review of the farm population as indicated by the Agricultural Census of Jan. 1, 1935. The figures for 1930 to 1933 are obtained by interpolation between the 1930 census figures and the 1934 and 1935 estimates. For estimate for continental United States for 1938, see table 14, p. 11. No later estimates of the population of States will be made until the 1940 census figures have been compiled. For actual enumerations for 1940 (preliminary figures), see table 5, p. 3; for 1790 to 1930, see table 7, p. 4

[All figures in thousands]

DIVISION AND STATE	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
<b>Continental U. S.</b>	<b>119,862</b>	<b>121,528</b>	<b>123,091</b>	<b>124,118</b>	<b>124,974</b>	<b>125,770</b>	<b>126,820</b>	<b>127,521</b>	<b>128,429</b>	<b>129,257</b>
<b>New England</b> .....	<b>8,036</b>	<b>8,110</b>	<b>8,188</b>	<b>8,252</b>	<b>8,308</b>	<b>8,360</b>	<b>8,414</b>	<b>8,497</b>	<b>8,581</b>	<b>8,597</b>
Maine.....	792	795	800	810	810	829	837	845	853	856
New Hampshire.....	462	464	468	475	482	489	496	502	508	510
Vermont.....	358	359	361	364	368	371	374	377	380	383
Massachusetts.....	4,182	4,221	4,287	4,279	4,295	4,300	4,324	4,375	4,425	4,426
Rhode Island.....	673	681	687	686	685	683	681	681	681	681
Connecticut.....	1,598	1,590	1,613	1,638	1,659	1,679	1,700	1,717	1,734	1,741
<b>Middle Atlantic</b> .....	<b>25,678</b>	<b>25,968</b>	<b>26,334</b>	<b>26,569</b>	<b>26,741</b>	<b>26,911</b>	<b>27,095</b>	<b>27,245</b>	<b>27,399</b>	<b>27,478</b>
New York.....	12,212	12,427	12,615	12,690	12,743	12,791	12,840	12,890	12,935	12,959
New Jersey.....	3,890	3,977	4,057	4,110	4,158	4,202	4,249	4,288	4,328	4,343
Pennsylvania.....	9,470	9,565	9,662	9,750	9,840	9,918	10,000	10,067	10,136	10,176
<b>East North Central</b> .....	<b>24,645</b>	<b>25,018</b>	<b>25,321</b>	<b>25,377</b>	<b>25,415</b>	<b>25,444</b>	<b>25,479</b>	<b>25,592</b>	<b>25,708</b>	<b>25,841</b>
Ohio.....	6,495	6,582	6,556	6,674	6,685	6,691	6,701	6,707	6,713	6,733
Indiana.....	3,186	3,216	3,261	3,292	3,328	3,364	3,400	3,420	3,450	3,474
Illinois.....	7,435	7,547	7,647	7,693	7,726	7,756	7,790	7,817	7,845	7,878
Michigan.....	4,642	4,756	4,829	4,786	4,750	4,716	4,680	4,731	4,783	4,830
Wisconsin.....	2,887	2,917	2,938	2,932	2,926	2,917	2,908	2,908	2,908	2,920
<b>West North Central</b> .....	<b>13,168</b>	<b>13,242</b>	<b>13,325</b>	<b>13,416</b>	<b>13,490</b>	<b>13,559</b>	<b>13,636</b>	<b>13,708</b>	<b>13,782</b>	<b>13,819</b>
Minnesota.....	2,534	2,551	2,570	2,585	2,596	2,607	2,619	2,627	2,635	2,652
Iowa.....	2,460	2,466	2,466	2,492	2,508	2,513	2,525	2,534	2,543	2,552
Missouri.....	3,691	3,613	3,648	3,707	3,762	3,814	3,868	3,913	3,959	3,989
North Dakota.....	675	678	682	687	690	693	697	700	703	706
South Dakota.....	683	689	693	693	692	692	692	692	692	692
Nebraska.....	1,364	1,372	1,377	1,375	1,372	1,368	1,364	1,364	1,364	1,364
Kansas.....	1,862	1,873	1,880	1,877	1,875	1,872	1,870	1,871	1,866	1,864
<b>South Atlantic</b> .....	<b>15,486</b>	<b>15,662</b>	<b>15,859</b>	<b>16,084</b>	<b>16,287</b>	<b>16,480</b>	<b>16,680</b>	<b>16,878</b>	<b>17,072</b>	<b>17,260</b>
Delaware.....	236	237	239	245	247	250	253	256	259	261
Maryland.....	1,600	1,618	1,635	1,645	1,651	1,657	1,664	1,669	1,674	1,679
Dist. of Columbia.....	473	483	492	509	526	543	560	594	619	627
Virginia.....	2,403	2,414	2,434	2,480	2,521	2,562	2,604	2,637	2,671	2,706
West Virginia.....	1,684	1,710	1,735	1,754	1,771	1,786	1,802	1,816	1,830	1,865
North Carolina.....	3,066	3,126	3,186	3,237	3,284	3,331	3,378	3,417	3,457	3,492
South Carolina.....	1,729	1,735	1,745	1,767	1,785	1,803	1,821	1,840	1,860	1,875
Georgia.....	2,906	2,908	2,917	2,944	2,967	2,988	3,011	3,035	3,060	3,085
Florida.....	1,383	1,432	1,476	1,505	1,534	1,560	1,587	1,614	1,642	1,670
<b>East South Central</b> .....	<b>9,718</b>	<b>9,814</b>	<b>9,926</b>	<b>10,059</b>	<b>10,176</b>	<b>10,288</b>	<b>10,408</b>	<b>10,512</b>	<b>10,619</b>	<b>10,731</b>
Kentucky.....	2,581	2,600	2,628	2,677	2,721	2,765	2,810	2,846	2,883	2,920
Tennessee.....	2,589	2,596	2,630	2,675	2,712	2,747	2,785	2,824	2,864	2,893
Alabama.....	2,595	2,624	2,658	2,698	2,734	2,768	2,805	2,834	2,864	2,895
Mississippi.....	1,972	1,994	2,010	2,009	2,009	2,008	2,008	2,008	2,008	2,023
<b>West South Central</b> .....	<b>11,847</b>	<b>12,035</b>	<b>12,212</b>	<b>12,332</b>	<b>12,432</b>	<b>12,524</b>	<b>12,623</b>	<b>12,705</b>	<b>12,790</b>	<b>12,900</b>
Arkansas.....	1,837	1,847	1,863	1,904	1,922	1,948	1,970	1,999	2,023	2,048
Louisiana.....	2,050	2,070	2,104	2,111	2,113	2,115	2,118	2,120	2,122	2,132
Oklahoma.....	2,333	2,369	2,403	2,429	2,450	2,470	2,491	2,509	2,528	2,548
Texas.....	5,626	5,740	5,842	5,898	5,947	5,991	6,038	6,077	6,117	6,172
<b>Mountain</b> .....	<b>3,689</b>	<b>3,675</b>	<b>3,704</b>	<b>3,714</b>	<b>3,721</b>	<b>3,725</b>	<b>3,733</b>	<b>3,746</b>	<b>3,759</b>	<b>3,792</b>
Montana.....	540	538	537	536	535	533	531	531	531	530
Idaho.....	443	444	447	454	460	466	473	479	485	493
Wyoming.....	220	223	226	228	230	231	231	232	233	235
Colorado.....	1,019	1,026	1,035	1,044	1,049	1,053	1,055	1,062	1,066	1,071
New Mexico.....	413	419	423	423	422	422	422	422	422	422
Arizona.....	418	428	433	426	419	412	406	406	406	412
Utah.....	498	504	509	510	512	513	514	515	516	519
Nevada.....	89	90	91	93	95	96	98	99	100	101
<b>Pacific</b> .....	<b>7,748</b>	<b>8,002</b>	<b>8,224</b>	<b>8,320</b>	<b>8,404</b>	<b>8,479</b>	<b>8,559</b>	<b>8,638</b>	<b>8,719</b>	<b>8,839</b>
Washington.....	1,528	1,548	1,568	1,584	1,598	1,610	1,623	1,633	1,643	1,658
Oregon.....	925	941	957	969	980	990	999	1,008	1,017	1,027
California.....	5,293	5,513	5,699	5,767	5,826	5,879	5,937	5,997	6,050	6,154

Source: Department of Commerce, Bureau of the Census; annual population estimates.



## No. 16.—POPULATION, BY SEX, BY RACE OR

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 U. S.	53,900,481	51,810,189	62,137,080	60,637,966	102.5	48,010,145	47,487,655	101.1	7,153,709
New England	8,679,501	8,728,318	4,024,657	4,141,684	97.2	3,067,793	3,163,080	97.0	904,742
Maine	388,752	370,262	401,285	396,136	101.3	349,704	345,051	101.4	50,299
New Hampshire	222,112	220,971	231,759	233,534	99.2	189,997	191,723	99.1	41,160
Vermont	178,854	173,574	183,286	170,845	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	509,402
Rhode Island	297,524	306,873	335,372	352,125	95.2	246,980	259,313	95.2	83,151
Connecticut	969,335	985,290	801,303	805,600	99.5	588,172	605,630	97.1	197,846
Middle Atlantic	11,206,445	11,054,698	13,189,681	13,072,069	100.9	9,879,094	10,023,968	98.6	2,761,740
New York	5,187,350	5,167,877	6,312,520	6,275,546	100.6	4,441,330	4,517,414	98.3	1,653,170
New Jersey	1,600,075	1,565,825	2,030,044	2,010,690	101.0	1,481,862	1,502,905	98.6	443,132
Pennsylvania	4,426,020	4,200,997	4,845,617	4,785,833	101.2	3,955,902	4,003,649	98.8	606,438
East North Central	11,035,041	10,440,502	12,904,783	12,392,402	104.1	10,805,117	10,448,622	101.5	1,766,458
Ohio	2,056,980	2,803,414	3,361,141	3,285,556	102.3	2,945,524	2,841,401	100.1	351,985
Indiana	1,439,074	1,441,316	1,649,061	1,608,442	102.6	1,428,772	1,422,220	101.1	76,957
Illinois	3,040,833	3,180,447	3,873,457	3,757,197	103.1	3,027,347	3,020,850	100.2	657,937
Michigan	1,928,336	1,739,970	2,619,309	2,323,016	108.4	1,951,137	1,858,706	105.0	404,902
Wisconsin	1,350,718	1,275,349	1,510,815	1,428,101	105.8	1,282,337	1,245,309	103.0	214,677
West North Central	8,450,067	6,085,182	6,785,442	6,511,473	104.2	5,976,171	5,838,039	102.4	591,094
Minnesota	1,245,537	1,141,537	1,316,671	1,247,382	105.5	1,085,126	1,065,553	101.8	217,983
Iowa	1,220,331	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	1,800,501	100.9	1,625,545	1,623,952	100.1	81,299
North Dakota	341,673	305,109	359,615	321,230	111.9	294,141	271,954	108.2	60,378
South Dakota	337,120	300,427	363,650	329,199	110.5	313,906	289,899	108.3	37,655
Nebraska	672,805	628,507	709,348	671,615	105.2	630,013	608,343	103.6	68,386
Kansas	909,221	850,036	901,291	910,708	104.5	870,372	846,759	103.5	38,254
South Atlantic	7,035,843	6,954,428	7,980,634	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	93,800	101.1	9,281
Maryland	729,455	720,208	821,009	810,517	101.3	629,247	620,660	100.0	80,260
Dist. of Columbia	203,543	204,028	231,883	254,086	90.9	158,330	170,652	89.8	16,692
Virginia	1,168,402	1,140,695	1,216,046	1,205,805	100.8	879,849	896,036	101.5	13,701
West Virginia	763,100	700,601	889,871	839,334	106.0	795,979	766,535	103.8	32,864
North Carolina	1,270,062	1,280,061	1,576,208	1,565,068	98.8	1,115,181	1,110,979	100.4	5,089
South Carolina	838,293	846,311	859,158	885,007	90.3	470,192	468,582	100.3	3,120
Georgia	1,444,823	1,451,009	1,434,527	1,473,079	97.3	912,606	910,451	100.2	8,175
Florida	498,320	473,150	787,075	730,530	101.0	489,604	486,484	100.7	32,152
East South Central	4,471,690	4,421,617	4,947,502	4,839,712	100.2	3,610,047	3,556,902	101.5	38,369
Kentucky	1,227,494	1,180,136	1,322,793	1,291,795	102.4	1,106,873	1,109,651	102.3	12,292
Tennessee	1,173,967	1,163,918	1,304,659	1,311,997	99.4	1,094,404	1,061,149	100.3	7,394
Alabama	1,171,105	1,175,090	1,315,009	1,331,289	98.8	848,190	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	4,547
West South Central	5,265,829	4,978,305	6,186,924	5,989,806	103.3	4,555,245	4,374,504	104.1	97,320
Arkansas	895,228	850,979	939,843	914,630	102.8	600,285	608,478	104.2	6,006
Louisiana	903,335	855,174	1,047,823	1,053,770	99.4	844,305	698,045	100.8	20,376
Oklahoma	1,058,044	970,239	1,233,264	1,162,776	105.1	1,079,450	1,017,215	100.1	15,544
Texas	2,408,222	2,254,060	2,965,994	2,858,721	103.8	2,135,229	2,049,860	104.2	55,394
Mountain	1,789,296	1,546,802	1,949,798	1,751,991	111.3	1,566,710	1,448,962	108.1	169,967
Montana	290,941	248,948	293,228	244,378	120.0	236,894	207,472	114.2	44,899
Idaho	233,010	167,947	237,247	207,085	114.3	214,007	198,101	110.8	18,947
Wyoming	110,350	84,043	124,785	100,780	123.8	105,264	89,145	118.1	12,459
Colorado	492,721	468,898	530,732	505,030	105.1	443,117	432,594	102.4	48,004
New Mexico	190,455	169,894	219,222	204,006	107.4	168,992	156,056	106.4	4,755
Arizona	183,602	150,540	231,304	204,269	113.2	132,145	116,642	113.3	9,392
Utah	232,651	217,345	259,989	247,848	104.9	229,578	222,606	103.1	22,978
Nevada	46,240	31,167	53,161	37,807	140.3	38,712	30,438	127.2	8,583
Pacific	2,964,628	2,802,245	4,268,659	3,925,774	108.7	3,208,891	3,129,119	102.5	658,699
Washington	734,701	621,920	826,392	737,004	112.1	658,303	618,513	106.4	142,594
Oregon	146,334	367,055	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	2,106,800	100.8	464,027

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

NATIONALITY, AND NATIVITY, BY STATES: 1920 AND 1930

1930—Continued														DIVISION AND STATE
Foreign-born white—Con.		Negro			Mexican		Indian		Chinese		Japanese		U. S.	
Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female	Male	Female	Male	Female	Male	Female		
6, 212, 898	118. 1	6,555,869	6,035,474	97. 0	758, 674	863, 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	88	1, 273	1, 193	3, 233	561	277	76	N. E.	
50, 069	100. 5	597	490	119. 0	-----	2	518	494	93	22	2	1	Me.	
41, 500	99. 2	524	260	197. 0	-----	1	33	31	71	13	-----	-----	N. H.	
20, 237	112. 8	310	258	120. 2	-----	1	20	16	20	5	1	-----	Vt.	
545, 174	93. 4	20, 097	26, 268	99. 3	43	23	458	416	2, 530	443	161	50	Mass.	
87, 563	95. 0	4, 802	5, 051	96. 3	6	4	164	164	170	27	15	20	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, 534	3, 389	8, 649	1, 016	2, 201	720	N. Y.	
401, 310	110. 4	102, 929	105, 899	97. 2	295	159	123	90	1, 608	175	322	117	N. J.	
507, 013	117. 2	218, 412	212, 845	102. 6	2, 376	1, 020	305	218	2, 240	311	217	70	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, 100	120. 5	159, 128	160, 176	103. 0	2, 806	1, 231	252	183	1, 168	257	131	56	Ohio.	
58, 177	132. 3	87, 068	64, 914	103. 9	6, 708	2, 934	158	127	247	32	53	18	Ind.	
560, 221	117. 4	104, 425	164, 547	99. 9	18, 216	10, 600	250	219	2, 796	396	414	150	Ill.	
375, 360	123. 9	88, 036	80, 617	110. 5	8, 520	4, 807	3, 835	3, 245	902	179	138	38	Mich.	
171, 536	125. 1	5, 811	4, 928	117. 9	1, 048	748	5, 951	5, 597	308	55	19	6	Wis.	
468, 183	126. 3	167, 550	164, 234	102. 0	22, 925	16, 880	24, 848	23, 397	1, 431	307	682	341	W. N. C.	
170, 311	128. 0	5, 005	4, 440	112. 7	2, 069	1, 557	5, 091	5, 360	422	102	51	18	Minn.	
73, 600	125. 2	8, 957	8, 393	107. 1	2, 380	1, 915	349	311	120	27	16	3	Iowa.	
68, 091	119. 4	111, 922	111, 911	100. 0	2, 834	2, 155	330	242	621	113	80	14	Mo.	
44, 770	134. 9	243	134	181. 3	370	232	4, 203	4, 094	93	10	60	31	S. Dak.	
27, 983	132. 6	343	303	113. 2	3	481	335	11, 172	10, 661	64	6	11	8	N. Dak.
51, 960	122. 0	7, 063	6, 689	105. 6	3, 585	2, 736	1, 074	1, 682	152	42	414	260	Nebr.	
31, 462	121. 0	33, 990	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	-----	3	3	2	32	6	8	-----	Del.	
44, 827	112. 1	140, 506	135, 873	103. 4	32	18	34	16	389	103	27	11	Md.	
14, 280	109. 6	32, 225	69, 543	89. 1	41	26	17	23	305	93	50	28	D. C.	
10, 119	135. 4	821, 545	828, 620	97. 8	20	10	436	343	239	54	37	6	Va.	
18, 659	176. 2	80, 873	54, 020	112. 7	155	102	15	3	74	12	6	3	N. Va.	
3, 699	137. 6	446, 500	472, 147	94. 6	8	2	8, 353	8, 226	59	9	11	6	W. C.	
2, 140	145. 4	379, 300	414, 331	91. 5	4	5	474	486	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.	
20, 905	119. 5	215, 148	210, 680	99. 3	97	88	209	288	160	40	105	48	Fla.	
24, 800	137. 2	1,801,552	1,356,688	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	59	35	16	6	47	13	7	2	Ky.	
5, 072	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	100. 9	495, 338	511, 380	97. 4	694	527	743	715	438	123	1	-----	Miss.	
72, 912	133. 5	1,125,508	1,156,443	97. 3	858, 151	337, 845	48, 270	47, 400	1, 237	345	432	255	W. S. C.	
4, 167	144. 1	236, 909	241, 554	98. 5	248	101	210	198	180	65	9	3	Ark.	
14, 534	140. 2	379, 173	397, 153	95. 5	2, 392	2, 160	800	730	327	95	33	19	La.	
11, 209	138. 7	86, 818	85, 380	101. 7	4, 434	2, 920	46, 744	45, 081	178	28	67	37	Okla.	
43, 002	128. 8	422, 608	432, 856	97. 7	351, 077	332, 004	516	485	546	157	323	196	Tex.	
117, 917	144. 2	16, 812	13, 913	117. 2	132, 905	116, 409	52, 534	49, 649	2, 675	577	7, 036	4, 382	Mt.	
28, 082	100. 0	710	546	130. 0	1, 766	805	7, 064	7, 134	427	59	510	243	Mont.	
11, 507	104. 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	20, 852	748	647	105	38	1, 847	1, 866	Colo.	
3, 042	156. 3	1, 531	1, 310	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	58, 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, 553	282	60	2, 056	1, 213	Utah.	
3, 692	232. 5	277	239	115. 0	2, 221	869	2, 456	2, 415	410	73	442	166	Nev.	
501, 088	131. 5	45, 059	45, 063	100. 0	200, 952	169, 161	18, 238	17, 003	31, 238	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, 937	143. 0	1, 210	1, 024	118. 2	1, 247	321	2, 442	2, 334	1, 525	550	2, 019	2, 039	Oreg.	
856, 007	127. 5	40, 052	40, 996	97. 7	199, 228	103, 785	10, 018	9, 194	27, 988	9, 373	56, 440	41, 016	Calif.	

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

DIVISION AND STATE	1880			1890 <sup>1</sup>			1900	
	White	Negro	All other <sup>2</sup>	White	Negro	All other	White	Negro
Continental U. S. . . . .	48,402,970	6,580,798	172,020	55,101,268	7,488,078	357,780	66,809,196	8,833,094
New England . . . . .	8,968,789	39,825	1,815	4,053,191	44,580	2,878	5,527,028	59,000
Maine . . . . .	646,852	1,451	633	650,263	1,190	633	692,220	1,310
New Hampshire . . . . .	346,229	685	77	375,840	614	76	410,701	1,002
Vermont . . . . .	331,218	1,057	11	331,418	937	67	342,771	820
Massachusetts . . . . .	1,763,782	18,697	606	2,215,373	22,144	1,430	2,709,704	31,074
Rhode Island . . . . .	209,939	6,488	104	337,859	7,393	284	419,050	6,002
Connecticut . . . . .	610,709	11,547	384	733,438	12,302	518	892,424	16,220
Middle Atlantic . . . . .	10,305,655	189,492	2,331	12,468,784	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	7,160,881	99,232
New Jersey . . . . .	1,092,017	38,853	240	1,396,681	47,638	714	1,812,317	69,844
Pennsylvania . . . . .	4,197,016	85,535	340	5,148,258	107,596	2,259	6,141,604	150,845
East North Central . . . . .	11,012,047	183,298	11,823	13,253,725	207,028	17,587	15,710,053	257,542
Ohio . . . . .	3,117,920	79,900	242	3,584,805	87,113	411	4,000,204	90,901
Indiana . . . . .	1,938,798	39,228	275	2,140,736	45,215	453	2,458,502	57,605
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	2,398,593	15,810
Wisconsin . . . . .	1,609,618	2,702	3,177	1,680,828	2,444	10,058	2,057,911	2,642
West North Central . . . . .	5,949,376	202,323	5,744	6,660,088	324,089	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	1,801,090	10,885	522	2,218,667	12,093
Missouri . . . . .	2,022,826	145,350	204	2,528,458	160,184	843	2,944,843	36,161
North Dakota . . . . .	36,192	113	604	182,407	373	3,203	311,712	230
South Dakota . . . . .	96,955	288	1,025	328,010	541	20,049	380,714	405
Nebraska . . . . .	449,704	2,385	253	1,047,096	8,913	6,047	1,056,520	6,209
Kansas . . . . .	652,155	43,107	334	1,370,619	49,710	1,779	1,416,319	52,003
South Atlantic . . . . .	4,654,112	2,841,202	1,883	5,592,149	3,262,690	3,083	6,708,058	3,729,017
Delaware . . . . .	120,160	26,442	6	140,066	23,386	6	153,977	30,697
Maryland . . . . .	724,693	210,230	20	826,493	215,057	240	952,424	235,084
District of Columbia . . . . .	118,006	59,596	22	154,695	75,572	125	101,532	80,702
Virginia . . . . .	880,858	631,616	91	1,020,122	635,438	420	1,192,855	660,722
West Virginia . . . . .	592,537	25,886	34	730,077	32,699	27	915,233	43,409
North Carolina . . . . .	897,242	531,277	1,231	1,055,882	561,018	1,549	1,263,003	624,409
South Carolina . . . . .	381,125	604,832	1,280	462,008	688,934	2,047	557,807	782,321
Georgia . . . . .	116,097	725,133	141	978,357	858,815	181	1,181,294	1,034,813
Florida . . . . .	842,005	126,680	108	224,949	160,180	203	380,713	230,730
East South Central . . . . .	3,657,668	1,924,996	2,562	4,305,668	2,119,797	3,689	5,044,847	2,499,586
Kentucky . . . . .	1,377,170	271,451	60	1,590,462	268,071	102	1,802,309	284,707
Tennessee . . . . .	1,138,831	408,151	377	1,336,637	430,678	203	1,540,186	480,243
Alabama . . . . .	602,188	600,103	217	833,718	678,489	1,194	1,001,152	827,307
Mississippi . . . . .	479,598	650,291	1,908	644,851	742,559	2,190	841,200	907,030
West South Central . . . . .	2,243,722	1,087,705	2,793	3,295,686	1,378,090	67,257	4,771,065	1,694,069
Arkansas . . . . .	591,831	210,666	328	818,752	309,117	342	944,580	306,856
Louisiana . . . . .	454,054	483,055	1,337	658,395	650,193	1,000	729,612	656,804
Oklahoma <sup>3</sup> . . . . .				172,654	21,609	64,494	670,204	56,684
Texas . . . . .	1,197,237	399,384	1,128	1,745,986	488,171	1,421	2,426,600	620,722
Mountain . . . . .	614,921	5,029	33,278	1,117,868	12,971	83,601	1,579,855	15,590
Montana . . . . .	35,355	346	3,428	127,090	1,490	13,744	226,283	1,523
Idaho . . . . .	29,013	53	5,544	82,117	201	6,230	154,495	293
Wyoming . . . . .	19,437	298	1,054	50,324	922	2,300	80,051	940
Colorado . . . . .	191,126	2,435	766	404,634	6,215	2,500	529,046	8,570
New Mexico . . . . .	108,721	1,015	9,829	142,918	1,955	15,408	180,207	1,610
Arizona . . . . .	85,160	155	5,125	55,794	1,857	31,152	92,903	1,848
Utah . . . . .	142,423	282	1,308	205,925	588	4,295	272,465	672
Nevada . . . . .	83,550	488	8,222	39,121	242	7,692	35,405	134
Pacific . . . . .	997,455	6,830	110,293	1,754,644	14,110	119,580	2,298,618	14,664
Washington . . . . .	67,199	325	7,592	340,829	1,602	14,801	496,304	2,514
Oregon . . . . .	163,075	487	11,206	301,982	1,186	14,536	394,582	1,105
California . . . . .	767,181	6,018	91,495	1,111,833	11,822	90,243	1,402,727	11,045

<sup>1</sup> Includes population specially enumerated in Indian Territory and on Indian reservations.

<sup>2</sup> Exclusive of Indians in Indian Territory and on Indian reservations, not enumerated at censuses prior to 1890.

Source: Department of Commerce, Bureau of the Census; Reports of Thirteenth and Fifteenth Censuses, Population, Vols. I and II, respectively.

RACE, BY STATES: 1880 TO 1930

most part as white. See footnote 2, table 20, for the estimated number of Mexicans included in the total of 1920

1900— Con.	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	9,827,703	412,546	94,820,915	10,463,131	428,574	103,864,207	11,891,143	2,010,696		U. S.
5,892	6,480,514	66,308	5,861	7,316,079	79,051	5,779	8,065,113	94,086	7,142		N. E.
921	739,095	1,363	1,013	765,095	1,310	1,009	795,133	1,096	1,144		Me.
135	429,906	564	102	442,331	1,621	131	464,350	730	168		N. H.
44	354,298	1,621	37	351,817	672	39	358,965	598	78		Vt.
3,008	3,324,926	38,055	3,435	3,803,524	45,466	3,366	4,192,026	52,366	4,323		Mass.
414	632,492	9,529	589	639,590	10,036	381	677,016	9,919	608		R. I.
770	1,093,897	15,174	685	1,358,732	21,046	853	1,576,073	29,354	579		Conn.
17,895	18,880,452	417,870	17,570	21,641,840	600,183	19,121	25,172,104	1,059,899	35,747		M. A.
12,731	3,966,845	134,191	12,578	10,172,027	198,483	14,717	12,150,293	412,814	24,050		N. Y.
1,508	2,445,894	89,760	1,513	3,037,087	117,132	1,631	3,829,209	268,828	3,297		N. J.
3,006	7,467,713	193,919	3,479	8,432,726	284,568	2,723	9,192,602	431,257	7,491		Pa.
17,688	17,937,822	300,836	28,163	20,938,862	514,554	22,127	24,277,663	930,456	59,072		E. N. C.
440	4,654,897	111,452	772	5,571,893	180,187	1,314	6,351,136	309,304	6,257		Ohio.
455	2,630,961	60,320	595	2,849,071	80,810	509	3,116,136	111,882	10,385		Ind.
1,599	5,526,942	109,049	2,580	6,209,333	182,274	3,673	7,286,361	328,972	35,321		Ill.
6,003	2,785,247	17,115	7,811	3,601,627	60,082	6,703	4,650,171	169,653	22,701		Mich.
8,639	2,320,555	2,900	10,405	2,610,938	5,201	9,928	2,913,859	10,739	14,408		Wis.
43,697	11,351,621	242,662	43,638	12,926,387	278,521	40,341	12,873,487	331,734	91,644		W. N. C.
9,390	2,050,227	7,084	9,397	2,368,936	8,809	9,380	2,538,273	9,445	15,535		Minn.
493	2,209,191	14,973	607	2,384,181	19,005	835	2,448,352	17,380	5,177		Iowa.
683	3,134,932	157,452	951	3,225,044	178,241	770	3,368,837	223,840	6,640		Mo.
7,148	569,855	617	6,584	639,954	467	6,451	671,243	377	9,225		N. Dak.
20,391	563,771	817	19,300	619,147	832	10,503	660,453	946	22,750		S. Dak.
3,505	1,180,263	7,689	4,232	1,270,219	13,242	3,911	1,353,702	13,752	10,509		Nebr.
2,173	1,634,352	54,030	2,567	1,708,906	57,925	2,426	1,792,847	60,344	21,803		Kans.
8,405	8,071,603	4,112,488	10,804	9,048,940	4,325,120	16,212	11,349,284	4,421,533	22,917		S. A.
61	171,102	31,181	39	192,615	30,335	53	205,604	32,002	84		Del.
556	1,062,639	232,250	457	1,204,737	244,479	445	1,354,170	276,379	977		Md.
484	238,128	94,440	495	326,360	109,960	745	353,914	132,068	887		D. C.
607	1,369,800	971,093	707	1,617,909	690,017	1,261	1,770,405	650,165	1,251		Va.
68	1,156,817	64,173	129	1,377,235	86,345	121	1,613,634	114,893	978		W. Va.
5,738	1,500,511	697,843	7,983	1,783,779	763,407	11,937	2,234,048	918,647	16,681		N. C.
1,888	679,161	835,843	396	818,538	364,719	467	944,040	793,661	1,044		S. C.
224	1,431,802	1,170,987	332	1,689,114	1,206,365	353	1,836,974	1,071,125	1,407		Ga.
479	443,634	308,069	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	2,656,239	4,362		E. S. C.
1,590	2,027,951	261,656	298	2,180,556	235,938	132	2,358,364	220,040	1,585		Ky.
187	1,711,432	473,088	269	1,886,993	451,758	134	2,138,610	477,646	291		Tenn.
238	1,228,832	908,282	979	1,447,032	900,652	490	1,700,775	944,334	639		Ala.
2,440	786,111	1,009,487	1,516	853,962	935,184	1,472	996,856	1,009,718	3,247		Miss.
67,159	6,731,491	1,984,426	73,617	8,115,727	2,083,579	62,918	9,099,991	2,281,951	794,898		W. S. C.
128	1,131,026	442,891	832	1,279,757	472,220	227	1,374,903	478,463	1,113		Ark.
1,209	941,080	713,874	1,428	1,060,611	700,257	1,641	1,318,160	776,326	7,107		La.
64,603	1,444,539	137,612	75,012	1,821,194	149,408	57,681	2,123,424	172,198	100,418		Oklh. <sup>3</sup>
1,319	3,204,848	690,040	1,645	3,918,165	741,604	3,369	4,283,491	854,904	686,260		Tex.
79,212	2,530,455	21,467	81,595	3,212,899	30,801	92,401	3,303,586	30,225	367,973		Mt.
15,523	360,580	1,834	13,639	634,260	1,658	12,971	517,327	1,256	10,923		Mont.
6,984	319,231	651	5,722	425,068	920	5,278	437,562	668	5,802		Idaho.
2,540	140,318	2,235	3,412	190,146	1,375	2,381	214,067	1,250	6,248		Wyo.
2,684	783,415	11,453	4,156	924,103	11,318	4,208	961,117	11,828	62,846		Colo.
13,493	304,594	1,028	21,079	334,673	5,733	19,944	331,755	2,850	88,712		N. Mex.
28,180	171,468	2,009	39,877	201,449	8,005	34,708	264,378	10,749	160,446		Ariz.
3,612	306,583	1,144	5,624	441,960	1,446	6,049	495,955	1,108	10,784		Utah.
6,796	74,276	513	7,086	70,090	846	6,362	81,425	510	9,117		Nev.
108,415	4,033,873	29,195	139,236	5,353,634	47,790	165,447	7,498,375	90,122	605,936		Pac.
10,285	1,109,111	6,058	26,821	1,310,777	6,883	26,661	1,521,099	6,840	35,457		Wash.
17,849	655,090	1,492	16,183	769,146	2,144	12,099	837,029	2,234	14,523		Oreg.
71,281	2,259,072	21,645	90,232	3,264,711	38,703	123,387	5,040,247	81,048	555,956		Calif.

<sup>3</sup> Includes population of Indian Territory for 1890 and 1900.

AREA AND POPULATION

No. 18.—POPULATION, BY RACE OR NATIONALITY,

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	
Continental U. S.....	58,421,957	70,136,014	15,694,539	16,999,221	6,991,665	8,361,965	13,712,754
New England.....	2,803,149	3,167,032	1,906,340	2,120,423	735,936	943,298	1,870,654
Maine.....	495,780	515,243	80,150	87,094	76,416	92,478	107,349
New Hampshire.....	225,512	230,438	81,039	83,791	44,547	58,461	91,233
Vermont.....	228,325	234,090	42,100	40,771	36,860	41,043	44,526
Massachusetts.....	1,230,773	1,429,784	1,093,258	1,202,191	401,959	506,315	1,077,534
Rhode Island.....	176,553	210,963	182,690	207,032	64,268	88,307	173,499
Connecticut.....	440,206	537,564	421,133	499,544	111,880	156,694	376,513
Middle Atlantic.....	9,631,012	11,449,898	5,397,951	6,254,301	1,700,302	2,198,863	4,912,575
New York.....	3,668,266	4,473,946	2,844,083	3,351,491	873,566	1,133,307	2,736,112
New Jersey.....	1,212,675	1,571,523	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	14,500,675	4,045,692	4,370,136	1,851,521	2,192,978	3,223,279
Ohio.....	3,669,122	4,325,311	838,251	921,733	385,823	439,891	678,697
Indiana.....	2,329,544	2,605,744	227,066	225,153	141,593	150,105	150,865
Illinois.....	3,066,593	3,768,990	1,467,036	1,606,599	558,733	672,614	1,206,951
Michigan.....	1,070,447	2,364,038	775,288	917,856	429,257	525,009	726,635
Wisconsin.....	1,054,694	1,436,492	736,051	698,795	366,065	392,359	460,128
West North Central.....	7,475,543	8,547,433	2,126,123	1,648,473	1,251,752	1,320,255	1,371,961
Minnesota.....	267,627	1,114,316	708,120	655,750	347,019	380,613	436,164
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	188,026
North Dakota.....	207,966	256,622	203,973	193,107	96,512	116,366	131,503
South Dakota.....	308,598	375,378	141,341	132,497	89,817	95,930	82,391
Nebraska.....	757,654	873,849	231,948	216,227	140,555	143,280	149,652
Kansas.....	1,308,894	1,453,442	163,964	144,600	125,500	125,089	110,678
South Atlantic.....	8,779,418	10,412,368	353,643	384,837	199,961	247,801	315,920
Delaware.....	139,870	155,024	25,288	23,477	9,641	10,308	19,170
Maryland.....	893,088	1,039,796	143,203	144,418	66,269	74,863	102,817
Dist. of Columbia.....	239,488	262,427	35,129	36,800	23,695	24,746	28,548
Virginia.....	1,534,494	1,692,703	30,614	28,552	22,116	25,330	30,785
West Virginia.....	1,232,857	1,461,544	56,025	66,854	25,847	34,016	61,906
North Carolina.....	1,765,203	2,208,563	5,737	7,910	5,740	7,678	7,999
South Carolina.....	790,418	925,439	7,025	6,477	5,694	6,858	6,401
Georgia.....	1,642,697	1,792,499	16,371	15,215	13,860	15,343	16,186
Florida.....	532,295	874,373	35,751	55,116	27,099	46,650	43,008
East South Central.....	6,092,732	6,971,937	115,484	103,333	87,342	91,679	71,939
Kentucky.....	2,039,134	2,260,540	65,931	54,320	44,715	42,664	30,780
Tennessee.....	1,832,767	2,087,383	20,423	19,308	17,335	18,867	15,478
Alabama.....	1,394,129	1,646,339	19,591	19,700	15,650	19,028	17,662
Mississippi.....	826,762	968,675	9,539	10,010	9,642	11,122	8,019
West South Central.....	6,959,785	8,353,280	415,799	300,278	280,810	278,191	459,333
Arkansas.....	1,226,602	1,329,205	19,030	16,130	20,060	19,398	13,975
Louisiana.....	941,724	1,172,572	67,010	61,797	43,000	48,881	44,871
Oklahoma.....	1,079,107	1,094,305	53,083	48,465	49,036	53,901	39,968
Texas.....	3,112,262	3,857,198	276,670	173,888	168,714	154,011	360,519
Mountain.....	2,002,508	2,300,255	451,132	401,071	306,094	314,346	453,225
Montana.....	275,803	283,539	101,018	94,580	62,919	66,247	93,676
Idaho.....	294,252	320,189	47,920	42,888	44,533	44,031	38,963
Wyoming.....	122,834	148,381	25,234	26,439	10,773	10,689	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	63,784	64,188	56,455
Nevada.....	36,285	47,570	11,701	12,365	7,911	9,215	14,802
Pacific.....	2,897,387	4,433,736	884,372	1,118,320	549,007	786,554	1,033,868
Washington.....	711,700	873,627	214,618	229,003	143,398	174,153	250,055
Oregon.....	497,720	629,974	95,827	108,797	73,442	92,783	102,151
California.....	1,677,955	2,930,135	673,927	780,460	331,107	519,618	681,622

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

NATIVITY, AND PARENTAGE, BY STATES: 1920 AND 1930

born white include Mexicans who were given a separate classification in 1930. See footnote 2, table 20

FOREIGN-BORN WHITE—CON.	NEGRO		MEXICAN	INDIAN		CHINESE		JAPANESE		DIVISION AND STATE
	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	339	1,012	161	115	7	3	Me.
82,060	621	790	1	23	64	95	84	8	3	N. H.
43,061	572	563	1	24	36	11	34	4	1	Vt.
1,054,036	45,460	52,305	06	555	874	2,544	2,973	191	201	Mass.
170,714	10,036	9,913	10	110	318	225	197	85	17	R. I.
382,871	21,046	29,354	27	159	162	566	391	102	130	Conn.
5,269,042	800,183	1,052,899	6,757	5,940	7,709	8,812	14,005	3,266	3,602	M. A.
3,191,549	198,483	412,814	2,898	5,503	6,973	5,793	9,065	2,686	2,930	N. Y.
844,442	117,132	208,828	454	100	213	1,190	1,733	439	439	N. J.
1,233,051	284,503	431,257	3,405	337	523	1,829	2,557	325	293	Pa.
3,233,924	514,554	930,450	58,317	15,695	19,817	5,043	6,340	927	1,022	E. N. C.
644,151	186,187	309,304	4,037	151	435	941	1,425	130	137	Ohio.
135,334	80,810	111,932	9,642	125	285	283	279	81	71	Ind.
1,218,158	182,274	328,972	28,906	194	469	2,776	3,192	472	564	Ill.
840,268	60,872	160,453	13,336	5,614	7,080	792	1,081	184	176	Mich.
386,213	5,201	10,789	2,396	9,611	11,548	251	363	60	24	Wis.
1,069,277	278,521	331,784	39,805	37,263	48,245	1,678	1,736	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	629	600	235	153	29	19	Iowa.
149,390	178,241	223,340	4,989	171	578	412	634	135	94	Mo.
105,148	407	377	608	0,254	8,387	124	103	72	91	N. Dak.
65,648	832	646	816	10,384	21,833	142	70	38	19	S. Dak.
115,346	13,242	13,752	6,321	2,888	3,256	189	194	804	674	Nebr.
69,716	57,925	66,344	19,150	2,276	2,454	68	60	52	37	Kans.
804,278	4,325,120	4,421,388	691	13,673	19,060	1,824	1,869	360	393	S. A.
10,885	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	109,066	132,068	07	37	40	461	398	103	78	D. C.
23,820	690,017	650,165	36	824	779	278	293	66	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.
5,206	804,719	703,631	9	304	059	93	41	15	15	S. C.
13,917	1,206,365	1,071,125	47	125	43	211	263	9	82	Ga.
59,057	329,487	431,828	185	618	587	181	200	100	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	235,933	226,040	88	57	22	62	60	9	9	Ky.
13,066	451,758	477,646	25	50	161	57	70	8	11	Tenn.
15,710	900,652	944,834	69	405	405	59	82	18	25	Ala.
7,049	935,184	1,009,718	1,221	1,105	1,458	304	501	-----	1	Miss.
170,232	2,063,879	2,281,951	695,996	60,618	95,670	1,534	1,532	578	687	W. S. C.
10,173	472,220	478,463	409	106	408	113	251	5	12	Ark.
34,910	700,257	776,326	4,552	1,066	1,536	387	422	57	52	La.
26,753	149,408	172,198	7,354	57,337	92,725	261	206	67	104	Okla.
98,396	741,694	854,094	083,081	2,100	1,001	773	703	440	519	Tex.
287,814	30,801	30,225	249,314	78,899	102,033	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	608	1,278	3,098	3,638	585	335	1,599	1,421	Idaho.
19,658	1,375	1,250	7,174	1,343	1,845	262	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	240	N. Mex.
15,591	8,005	10,749	114,173	32,989	43,726	1,137	1,110	560	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	4,007	4,871	089	483	754	608	Nev.
1,159,765	47,790	90,122	370,143	31,011	35,241	34,265	41,631	98,490	120,251	Pac.
244,256	6,883	6,840	562	9,061	11,253	2,363	2,195	17,387	17,837	Wash.
105,475	2,144	2,234	1,568	4,590	4,776	3,090	2,075	4,151	4,958	Oreg.
810,034	33,763	81,048	398,013	17,360	19,212	28,812	37,361	71,952	97,456	Calif.



No. 19.—POPULATION, BY RACE, NATIVITY, AND PARENTAGE—PERCENT DISTRIBUTION, BY STATES: 1910 TO 1930

NOTE.—Percentages for 1930, particularly in some States, are affected by the change in classification of Mexicans. See footnote 2, table 20

DIVISION AND STATE	PERCENT OF TOTAL POPULATION						PERCENT 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 U. S.	88.9	89.7	88.7	10.7	9.9	9.7	87.7	64.4	15.6	7.7	16.3	14.5	12.3
New England	98.9	98.9	98.8	1.0	1.1	1.2	77.3	39.3	28.3	11.7	28.0	25.6	22.7
Maine	99.7	99.7	99.7	.2	.2	.1	87.4	64.8	11.0	11.6	14.9	14.0	12.6
New Hampshire	99.8	99.8	99.8	.1	.1	.2	82.2	51.6	18.0	12.6	22.5	20.6	17.8
Vermont	90.5	99.8	99.8	.5	.2	.2	88.0	65.2	11.4	11.4	14.1	12.7	12.0
Massachusetts	98.8	98.7	98.7	1.1	1.2	1.2	74.8	34.1	28.7	12.1	31.6	28.3	25.2
Rhode Island	98.1	98.3	98.5	1.8	1.7	1.4	74.8	31.2	30.6	13.0	33.4	29.2	26.2
Connecticut	98.6	98.4	98.1	1.4	1.5	1.8	75.7	34.1	31.7	9.9	29.9	27.7	24.3
Middle Atlantic	97.7	97.2	95.9	2.2	2.7	4.0	79.1	45.5	24.8	8.7	25.6	22.7	20.9
New York	98.4	97.9	96.5	1.5	1.9	3.3	73.7	36.8	27.6	9.3	30.4	27.4	26.3
New Jersey	90.4	96.2	94.8	3.6	3.7	5.2	77.9	41.0	27.3	9.6	26.9	24.3	22.1
Pennsylvania	97.4	96.7	95.4	2.5	3.3	4.5	86.6	58.8	20.2	7.6	19.3	16.5	13.4
East North Central	98.2	97.5	96.0	1.6	2.4	3.7	86.7	59.7	18.0	9.0	17.1	15.4	13.9
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	98.4	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	60.3	13.6	10.3	12.4	9.5	6.8
Missouri	95.2	94.7	93.6	4.8	5.2	6.2	95.6	81.7	8.0	5.9	7.3	5.8	4.4
North Dakota	98.8	98.9	98.6	.1	.1	.1	84.3	38.2	28.8	17.3	27.4	20.5	15.7
South Dakota	96.6	97.3	96.6	.1	.1	.1	90.2	56.1	19.8	14.3	17.8	13.3	9.8
Nebraska	99.0	98.8	97.2	.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	83.4	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	83.7	17.9	16.9	16.9	93.0	76.8	10.7	5.5	9.8	8.5	7.0
Dist. of Columbia	71.3	74.7	72.7	28.5	25.1	27.1	91.5	74.1	10.4	7.0	10.3	8.7	8.5
Virginia	67.4	70.1	73.1	32.6	29.9	26.8	98.7	95.6	1.6	1.4	1.9	1.9	1.3
West Virginia	94.7	94.1	93.5	5.3	5.9	6.8	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	48.0	54.3	55.2	51.4	45.6	99.4	98.0	.7	.7	.9	.8	.6
Georgia	54.9	58.3	65.2	46.1	41.7	36.8	99.2	97.6	.8	1.1	1.0	.8	.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	88.4	71.6	73.1	31.5	28.4	26.9	99.2	96.5	1.4	1.3	1.5	1.1	.8
Kentucky	88.0	90.2	91.3	11.4	9.8	8.6	99.1	95.0	2.3	1.8	2.0	1.4	.9
Tennessee	78.3	80.7	81.7	21.7	19.3	18.3	99.4	97.6	.9	.9	1.1	.8	.6
Alabama	57.5	61.6	64.3	42.5	38.4	35.7	99.1	96.8	1.2	1.1	1.5	1.2	.9
Mississippi	43.7	47.7	49.6	56.2	52.2	50.2	99.3	97.2	1.0	1.1	1.2	.9	.7
West South Central	76.5	79.2	74.7	22.6	20.1	18.7	98.1	91.8	3.3	3.0	5.2	5.7	1.9
Arkansas	71.8	73.0	74.1	28.1	27.0	25.8	99.3	90.7	1.2	1.4	1.5	1.1	.7
Louisiana	50.8	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	1.5
Texas	82.2	84.0	78.5	17.7	15.9	14.7	97.7	90.0	4.1	3.6	7.5	9.2	2.3
Mountain	95.7	98.3	99.2	.8	.9	.8	91.3	69.8	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	99.0	73.2	9.8	10.1	12.7	9.2	7.0
Wyoming	96.1	97.8	94.9	1.5	.7	.6	90.3	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	66.6	13.1	8.4	16.2	12.7	8.9
New Mexico	93.1	92.9	78.4	.5	1.6	.7	97.6	91.3	3.2	3.2	7.4	8.7	2.4
Arizona	83.9	87.2	60.7	1.0	2.4	2.5	94.1	79.5	7.1	7.4	27.3	26.8	5.9
Utah	98.2	98.3	97.7	.3	.3	.2	91.2	64.2	14.0	12.9	17.3	12.8	8.8
Nevada	90.7	91.3	89.4	.6	.4	.6	84.9	58.4	15.2	11.3	24.2	20.9	15.1
Pacific	96.0	96.2	91.5	.7	.9	1.1	84.5	59.1	14.9	10.5	21.4	19.8	15.6
Washington	97.1	97.3	97.3	.5	.5	.4	83.9	57.4	15.1	11.4	21.7	18.9	16.1
Oregon	97.4	98.2	98.2	.2	.3	.2	88.7	67.2	11.6	9.9	15.7	13.3	11.3
California	95.0	95.3	88.8	.9	1.1	1.4	83.9	68.1	15.5	10.3	22.9	20.9	16.1

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

No. 20.—POPULATION, BY RACE OR NATIONALITY, NATIVITY, AND PARENTAGE, CONTINENTAL UNITED STATES: 1870 TO 1930

CLASS	1870 <sup>1</sup>	1880	1890	1900	1910	1920	1930
All classes.....	38,568,371	50,155,733	62,947,714	75,694,575	91,972,869	105,710,020	122,775,049
White <sup>2</sup> .....	33,589,377	43,402,970	55,101,258	66,809,190	81,731,957	94,820,015	108,804,207
Negro.....	4,860,009	6,580,798	7,488,676	8,833,994	9,827,703	10,463,131	11,891,143
Mexican <sup>3</sup> .....							1,422,533
Indian.....	<sup>4</sup> 25,731	<sup>5</sup> 60,407	248,253	237,190	265,683	244,437	332,397
Chinese.....	63,199	105,465	107,488	89,833	71,531	61,639	74,954
Japanese.....	55	148	2,030	24,326	72,157	111,010	138,834
All other <sup>4</sup> .....					3,175	9,488	50,978
Native (all races).....	32,991,142	43,475,840	53,688,154	65,653,299	78,460,380	91,789,928	108,570,807
Foreign born.....	5,567,229	6,679,943	9,249,560	10,341,276	13,515,886	13,920,692	14,204,140
Native white, total <sup>2</sup> .....	28,095,065	36,843,291	45,979,391	56,595,379	68,386,412	81,108,161	95,497,800
Native parentage.....	22,771,397	28,508,424	34,475,716	40,940,362	49,488,575	58,421,957	70,136,514
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	12,016,311	15,694,639	16,999,221
Mixed.....	1,157,170	1,911,098	3,418,656	5,013,737	6,981,526	6,991,665	8,361,965
Foreign born, white.....	5,493,712	6,559,679	9,121,867	10,213,817	13,345,645	13,712,754	13,366,407
Percent of total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White <sup>2</sup> .....	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 <sup>3</sup> .....							1.2
Indian.....	.1	.1	.4	.3	.3	.2	.3
Chinese.....	.2	.2	.2	.1	.1	.1	.1
Japanese.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	.1	.1	.1
All other <sup>4</sup> .....					( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
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.....	72.0	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: <sup>5</sup>							
All classes.....	7,115,050	11,597,412	12,466,467	13,046,861	15,977,691	13,738,354	17,064,426
Percent.....	22.6	30.1	24.9	20.7	21.0	16.1	16.1
White <sup>2</sup> .....	6,660,840	9,813,593	11,680,920	11,707,938	14,922,761	13,088,958	14,743,833
Percent.....	24.8	29.2	26.7	21.2	22.3	16.0	15.7
Negro.....	438,179	1,700,784	889,247	1,346,318	993,769	635,363	1,428,012
Percent.....	9.9	34.9	13.5	18.0	11.2	6.5	13.6
Mexican.....							<sup>7</sup> 721,692
Percent.....							<sup>8</sup> 105.1
Indian.....	-18,290	40,676	-7,601	-11,057	28,487	-21,246	87,960
Percent.....	-46.5	168.1	-11.4	-4.5	12.0	-3.0	36.0
Chinese.....	28,206	42,296	2,010	-17,625	-18,332	-9,892	13,316
Percent.....	80.9	66.9	1.9	-16.4	-20.4	-13.3	21.6
Japanese.....	55	93	1,801	22,287	47,831	38,853	27,824
Percent.....		( <sup>10</sup> )	1,277.7	1,093.0	190.6	63.8	28.1
All other <sup>4</sup> .....					3,175	6,313	41,490
Percent.....					3.175	198.8	437.3
Native (all races).....	5,686,518	10,484,698	9,896,863	11,955,145	12,803,081	13,333,548	16,780,969
Percent.....	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
Percent.....	34.5	20.0	38.5	11.8	30.7	3.0	2.0
Native white, total.....	5,209,881	8,747,626	9,018,732	10,615,988	11,791,033	12,721,749	14,632,820
Percent.....	23.1	31.1	24.5	23.7	20.8	18.6	18.1
Native parentage.....	5,797,027	5,789,924	6,473,646	6,473,646	8,539,213	8,033,382	11,714,657
Percent.....	25.5	20.3	18.8	20.9	20.9	18.1	20.1
Foreign or mixed parentage.....	2,950,599	3,228,808	4,142,342	3,261,820	3,788,367	3,788,367	3,201,863
Percent.....	55.4	39.0	36.0	20.8	20.8	20.0	13.0
Foreign.....	2,196,671	1,721,250	2,547,261	2,284,031	2,778,228	2,778,228	1,477,386
Percent.....	52.7	27.0	31.5	21.5	21.5	21.5	9.5
Mixed.....	753,928	1,507,558	1,595,081	967,789	1,010,139	1,010,139	1,440,777
Percent.....	65.2	78.9	46.7	19.3	10.9	10.9	20.8
Foreign born, white.....	1,396,959	1,065,967	2,562,188	1,091,950	3,131,728	367,209	111,013
Percent.....	34.1	19.4	39.1	12.0	30.7	2.8	0.8

<sup>1</sup> Enumeration in Southern States incomplete; this affects especially figures for the Negro population.  
<sup>2</sup> 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.  
<sup>3</sup> Exclusive of Indians in Indian Territory and on Indian reservations, not enumerated prior to 1890.  
<sup>4</sup> Comprises Filipinos, Hindus, Koreans, Hawaiians, Malays, Siamese, Samoans, and Maoris.  
<sup>5</sup> Less than one-tenth of 1 percent. <sup>6</sup> A minus sign (-) denotes decrease.  
<sup>7</sup> 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.  
<sup>8</sup> Increase over figures adjusted for 1920 on account of Mexicans. See footnote 2.  
<sup>9</sup> Increase over estimated number in 1920. <sup>10</sup> Percent not shown where base is less than 100.

No. 21.—POPULATION, URBAN AND RURAL, BY RACE, NATIVITY, AND PARENT-AGE, BY SEX AND AGE GROUPS, CONTINENTAL UNITED STATES: 1930

NOTE.—For definition of urban and rural population, see table 9, page 7

CLASS	NUMBER				PERCENT DISTRIBUTION			
	Urban		Rural		Urban		Rural	
	1920	1930	1920	1930	1920	1930	1920	1930
Total.....	54,304,603	68,964,823	51,406,017	63,820,223	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 <sup>1</sup> .....	125,046	924,305	301,528	1,095,391	.2	1.3	.6	2.0
Native white:								
Native parentage.....	24,556,720	33,497,232	33,865,228	36,639,382	45.2	48.6	65.9	68.1
Foreign or mixed parentage.....	15,706,372	18,612,514	6,979,832	6,748,672	28.9	27.0	13.6	12.5
Foreign-born white.....	10,356,983	10,726,859	3,365,771	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	34,800,068	98.1	27,982,320	25,897,903	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	3,203,105	110.7
Foreign-born white.....	5,642,087	5,084,772	111.0	1,511,622	1,127,928	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	Un-known
<b>URBAN POPULATION</b>								
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
Percent of total.....	8.2	9.0	8.6	8.7	42.2	18.1	5.1	.1
Male.....	2,856,018	3,128,686	2,970,019	2,881,288	14,351,722	6,304,095	1,627,928	36,004
Female.....	2,771,342	3,082,455	2,979,674	3,134,123	14,720,163	6,186,667	1,895,607	30,032
White.....	5,074,431	5,621,105	5,455,278	5,486,937	26,166,057	11,611,834	3,366,066	54,897
Negro.....	427,607	468,357	407,867	447,155	2,520,611	773,870	139,108	9,338
All other.....	124,322	121,679	86,548	81,319	385,217	106,068	18,361	1,801
Native white:								
Native parentage.....	3,517,183	3,597,690	3,171,407	3,053,878	13,546,214	5,077,408	1,465,526	38,026
Foreign or mixed parentage.....	1,533,643	1,920,450	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	276,002	5,305,397	3,736,787	1,150,231	8,022
<b>RURAL POPULATION</b>								
Total rural.....	5,818,030	6,366,468	6,065,184	5,836,704	17,951,362	8,924,219	3,110,270	27,986
Percent of total.....	10.8	11.9	11.3	10.3	33.4	16.6	5.8	.1
Male.....	2,951,156	3,252,422	3,098,768	2,876,537	9,223,378	4,866,974	1,697,283	15,812
Female.....	2,866,874	3,114,046	2,966,416	2,960,167	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	2,845,617	22,432
Negro.....	802,599	900,024	843,675	803,373	2,197,204	912,351	233,611	4,393
All other.....	162,466	161,405	120,505	108,684	388,571	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	507,662	1,802

<sup>1</sup> For 1930 includes Mexicans. See note 2, table 20.

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

No. 22.—POPULATION—MEDIAN<sup>1</sup> AGE, BY RACE, NATIVITY, AND SEX, CONTIGUOUS UNITED STATES: 1920 AND 1930

SEX	ALL CLASSES		NATIVE WHITE						FOREIGN-BORN WHITE		NEGRO	
			Total		Native percentage		Foreign or mixed percentage		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	44.0	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

<sup>1</sup> DEFINITION OF MEDIAN.—The median is the numerical value of the half-way point in a series of units arranged according to size, age, value, weight, or some other measurable characteristic. Therefore there are as many units above the median size, weight, etc., as there are below it. One-half the population is older than the median age and the other half is younger. One-half of the homes have a value above the median value, the other half a value below it.

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

No. 23.—POPULATION, BY SEX, RACE, NATIVITY, PARENTAGE, AND AGE GROUPS, FOR ALASKA, HAWAII, AND PUERTO RICO

NOTE.—Data represent actual enumerations. For estimated total population for intercensal years, see table 14, p. 11. The population of Puerto Rico for 1935 is according to a census taken as of Dec. 1 of that year by the Puerto Rican Reconstruction Administration; see Population Bulletin No. 2. For total population for 1940, see table 4, p. 2, and table 911, p. 918

	1910	1920	1930		1910	1920	1930
ALASKA				HAWAII—continued			
Total.....	64,366	55,036	59,278	Native.....	98,157	168,671	290,799
Male.....	45,867	34,539	35,764	Native parentage.....	47,347	79,242	161,708
Female.....	18,499	20,497	23,514	Foreign parentage.....	41,587	73,079	109,046
White.....	36,400	27,833	28,640	Mixed parentage.....	9,423	16,350	31,145
Indian.....	25,331	26,558	29,983	Foreign-born.....	93,752	87,241	68,637
Chinese.....	1,209	56	26	Under 5 years.....	24,065	38,550	48,180
Japanese.....	913	312	278	Under 1 year.....	5,615	8,579	9,573
Negro.....	128	128	136	5 to 9 years.....	19,055	30,195	47,119
All other.....	294	99	215	10 to 14 years.....	13,337	22,000	38,042
Native.....	43,921	42,766	48,709	15 to 19 years.....	13,050	20,045	33,400
Foreign-born.....	20,435	12,270	10,569	20 to 44 years.....	95,721	103,410	147,910
Native white.....	18,426	16,286	18,460	45 years and over.....	25,325	40,933	53,483
Native parentage.....	10,903	9,538	10,990	Age unknown.....	56	113	103
Foreign parentage.....	4,760	4,174	4,324			1920	1930
Mixed parentage.....	2,673	2,574	3,146				1935
Foreign-born white.....	17,974	11,597	10,180	PUERTO RICO			
Under 5 years.....	5,363	5,609	6,359	Total.....	1,299,809	1,543,913	1,723,534
Under 1 year.....	1,108	1,152	1,339	Male.....	647,325	771,761	861,035
5 to 9 years.....	4,026	5,599	6,078	Female.....	651,984	772,152	861,899
10 to 14 years.....	2,876	4,292	5,096	Native.....	1,294,042	1,537,896	1,718,218
15 to 19 years.....	3,534	3,279	4,735	Foreign-born.....	8,167	6,017	5,316
20 to 44 years.....	35,970	22,676	21,036	White.....	943,709	1,146,719	1,312,406
45 years and over.....	11,965	13,224	15,839	Native.....	1,141,114	1,307,517	1,507,517
Age unknown.....	622	297	139	Foreign-born.....	7,481	5,606	4,979
HAWAII				Colored.....	351,100	397,194	411,038
Total.....	161,906	255,912	368,336	Native.....	350,414	396,782	410,701
Male.....	123,099	151,146	222,640	Foreign-born.....	686	412	337
Female.....	68,810	104,766	145,696	Under 5 years.....	200,265	226,468	246,437
Hawaiian.....	26,041	23,723	22,636	Under 1 year.....	43,184	44,033	53,462
Part-Hawaiian.....	12,506	18,027	28,224	5 to 9 years.....	105,131	224,022	239,148
White.....	44,048	54,742	80,373	10 to 14 years.....	163,054	199,337	224,780
Chinese.....	21,674	23,607	27,179	15 to 19 years.....	126,248	136,150	133,039
Japanese.....	79,075	109,274	139,631	20 to 44 years.....	441,128	508,729	600,556
Filipino.....	2,361	21,031	63,052	45 years and over.....	168,690	108,985	229,549
Korean.....	4,533	4,950	6,461	Age unknown.....	297	222	19
Negro.....	695	348	563				
Other races.....	376	310	217				

Source: Department of Commerce, Bureau of the Census; Outlying Territories and Possessions, 1930; see also footnote.

AREA AND POPULATION

NO. 24.—POPULATION, BY RACE, NATIVITY, AND PARENTAGE, FOR

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		
	1800	1900	1910	1920	1930	Number		Per-cent, 1930
						1920	1930	
Akron, Ohio	27,601	42,728	69,067	208,435	255,040	125,079	162,699	63.8
Albany, N. Y.	94,923	94,151	100,263	113,344	127,412	56,205	66,666	52.2
Allentown, Pa.	25,228	35,416	51,913	73,502	92,563	51,937	64,147	69.3
Altoona, Pa.	30,337	38,973	52,127	60,331	82,054	43,990	61,960	75.5
Ashville, N. C.	10,235	14,694	18,762	28,504	50,193	19,984	33,585	66.9
Atlanta, Ga.	65,539	89,872	154,839	200,016	270,366	124,948	166,613	61.6
Atlantic City, N. J.	13,055	27,838	46,160	50,707	66,198	22,087	24,464	37.0
Augusta, Ga.	33,300	30,441	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.	10,033	32,722	55,545	76,754	88,979	14,497	20,085	22.6
Beaumont, Tex.	3,296	9,427	20,640	40,422	57,732	21,710	32,900	57.0
Berkeley, Calif.	5,101	13,214	40,434	56,036	82,109	28,669	43,755	53.3
Bethlehem, Pa. <sup>2</sup>	9,521	10,758	12,837	50,353	57,892	20,503	29,820	51.5
Binghamton, N. Y.	35,005	39,047	48,443	66,800	76,002	40,030	46,369	60.5
Birmingham, Ala.	26,178	38,415	132,685	178,806	259,678	92,211	141,493	54.5
Boston, Mass. <sup>2</sup>	448,477	560,892	670,585	748,060	781,188	181,811	200,130	25.6
Bridgeport, Conn.	48,800	70,996	102,054	143,555	146,716	36,816	37,887	26.6
Brockton, Mass.	27,294	40,063	56,878	66,254	63,797	24,643	24,909	39.0
Buffalo, N. Y.	265,064	352,387	423,715	506,775	573,076	165,135	212,535	37.1
Cambridge, Mass.	70,028	91,886	104,839	109,694	113,043	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	20,180	30,607	50,217	87,091	104,906	53,783	65,090	62.0
Cedar Rapids, Iowa	18,020	25,656	32,811	45,566	50,097	20,667	36,025	64.2
Charleston, S. C.	54,955	55,807	58,833	67,957	62,265	28,262	28,248	45.4
Charleston, W. Va.	6,742	11,099	22,996	39,608	60,408	31,044	48,167	79.7
Charlotte, N. C.	11,557	18,091	34,014	40,338	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	50,164	25,627	26,856	45.4
Chicago, Ill.	1,039,860	1,608,575	2,185,283	2,701,705	3,376,438	642,871	943,301	27.9
Cicero, Ill.	10,204	16,310	14,557	44,995	60,602	6,470	13,564	20.4
Cincinnati, Ohio	296,903	325,902	363,591	401,247	451,160	206,005	264,123	58.5
Cleveland, Ohio	261,353	381,708	500,663	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	21,005	30,417	59.0
Columbus, Ohio	88,160	125,500	181,511	237,031	290,564	159,069	201,778	69.4
Covington, Ky.	37,371	42,938	53,270	57,121	65,252	37,991	40,297	75.5
Dallas, Tex.	38,067	42,638	92,104	158,976	220,475	112,509	192,580	73.9
Dayton, Iowa	20,872	35,254	45,028	56,727	60,751	29,894	30,214	59.6
Dayton, Ohio	61,220	85,393	116,377	152,559	200,982	100,996	142,059	70.7
Dearborn, Mich.		844	911	2,470	50,358	(*)	20,351	40.4
Deatur, Ill.	16,841	20,754	31,140	43,818	57,510	33,254	45,939	79.9
Denver, Colo.	106,713	133,859	213,351	256,491	287,801	144,678	169,457	58.9
Des Moines, Iowa	60,098	62,139	86,308	126,468	142,559	84,361	100,236	70.3
Detroit, Mich.	205,870	235,704	465,700	693,678	1,568,602	313,997	537,844	34.8
Duluth, Minn.	33,115	52,969	73,406	98,917	101,463	23,931	30,675	30.3
Durham, N. C.	5,485	6,679	18,241	21,719	52,037	13,008	32,382	62.0
East Chicago, Ind.	1,255	3,411	19,098	35,967	54,784	5,964	11,521	21.2
East Orange, N. J.		21,506	34,371	50,710	68,020	27,455	33,047	49.5
East St. Louis, Ill.	15,169	29,655	58,547	66,797	74,347	38,854	45,820	61.6
Elizabeth, N. J.	37,764	52,130	73,409	95,783	114,589	26,887	33,605	29.3
El Paso, Tex.	10,338	15,906	39,279	77,560	102,421	27,450	32,810	32.0
Erie, Pa.	40,634	52,733	66,525	93,372	115,967	41,729	55,286	47.7
Evanston, Ill.		19,259	24,978	37,234	63,338	10,173	31,987	50.5
Evansville, Ind.	50,756	55,007	69,647	85,264	102,249	60,270	80,329	78.6
Fall River, Mass.	74,398	104,863	119,205	126,485	115,274	19,168	24,368	28.1
Flint, Mich.	9,803	13,103	38,550	91,599	150,492	50,186	91,557	68.5
Fort Wayne, Ind.	35,393	45,115	63,933	86,549	114,946	67,075	80,196	75.0
Fort Worth, Tex.	23,076	26,688	73,312	106,432	165,447	75,515	126,116	77.2
Fresno, Calif.	10,818	12,470	24,892	45,086	52,513	23,703	26,914	49.3
Galveston, Tex.	29,084	37,789	36,981	44,255	52,938	17,289	22,401	42.9
Gary, Ind.			16,802	55,378	100,426	16,519	33,635	33.5

<sup>1</sup> Includes Indians, Chinese, Japanese, and other nonwhite. (See headnote.)

<sup>2</sup> 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.

CITIES HAVING, IN 1930, OVER 50,000 INHABITANTS: 1920 AND 1930

part as white. See footnote 2, table 20. Percent 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 <sup>1</sup>				SEX, 1930		CITY
Number		Per cent, 1930	Number		Per cent, 1930	Number		Per cent, 1930	Male	Female			
1920	1930		1920	1930		1920	1930						
89,750	49,477	10.4	37,889	81,568	12.4	5,717	11,290	4.4	130,029	125,011	Akron.		
13,185	40,476	31.8	17,636	17,918	14.1	1,808	2,452	1.9	61,947	65,465	Albany.		
28,767	18,489	19.9	8,612	9,607	10.4	186	370	.4	45,437	47,120	Allentown.		
10,729	13,425	16.4	5,212	5,961	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	Ashville.		
8,099	9,007	3.3	4,738	4,727	1.7	62,891	90,119	33.3	126,493	143,873	Atlanta.		
10,690	10,147	24.4	7,009	9,903	15.0	11,021	15,084	23.7	31,449	34,749	Atlantic City.		
2,078	1,953	3.2	927	734	1.2	22,660	24,345	40.3	28,320	32,013	Augusta.		
4,476	4,926	9.3	2,547	1,617	3.0	6,948	14,911	28.1	29,264	27,850	Austin.		
162,830	160,342	19.9	83,911	74,410	9.2	108,696	142,750	17.7	395,888	408,986	Baltimore.		
36,108	41,681	46.8	25,479	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	28,898	Beaumont.		
15,954	21,900	26.3	9,873	12,163	14.8	1,840	4,001	5.6	38,623	43,480	Berkeley.		
12,546	16,837	28.1	10,943	10,093	17.4	866	1,142	2.0	29,083	28,804	Bethlehem. <sup>2</sup>		
15,742	18,967	24.7	10,368	10,566	13.8	70,660	760	1.0	37,205	39,450	Binghamton.		
10,255	13,191	5.1	5,084	5,807	2.3	70,256	99,127	38.2	125,856	133,823	Birmingham.		
309,755	329,270	42.1	238,919	229,350	29.4	17,575	22,432	2.9	383,454	397,734	Boston. <sup>3</sup>		
57,990	64,979	44.3	40,414	40,759	27.8	2,335	3,301	2.3	78,061	73,655	Bridgeport.		
23,868	24,079	37.7	17,124	14,275	22.4	4,619	534	.8	30,941	32,856	Brockton.		
215,377	227,067	39.8	121,830	118,316	20.6	4,733	14,207	2.5	284,460	288,616	Buffalo.		
43,101	44,610	39.3	32,104	32,330	23.4	5,444	5,597	4.9	54,013	59,030	Cambridge.		
31,242	35,756	30.1	20,292	18,615	15.7	8,550	11,417	9.6	59,442	59,238	Camden.		
17,304	23,534	22.4	14,680	13,213	12.6	1,824	3,060	2.9	53,301	61,605	Canon.		
12,845	14,225	25.4	5,869	4,974	8.9	988	873	1.6	27,139	28,668	Cedar Rapids.		
6,180	4,318	6.9	2,142	1,611	2.6	32,372	28,088	45.1	28,332	35,883	Charleston, S.C.		
2,684	3,736	6.2	1,354	1,741	2.9	4,526	6,704	11.2	29,681	30,727	Charleston, W. Va.		
983	1,778	2.2	514	893	1.1	14,645	25,185	30.5	39,583	43,992	Charlotte.		
2,850	3,819	3.2	1,240	1,464	1.2	18,894	33,303	27.8	57,932	61,806	Chatanooga.		
13,908	14,900	26.3	11,292	8,048	13.0	7,203	9,294	15.7	30,424	28,740	Chester.		
1,140,816	1,332,378	50.5	805,482	842,067	24.0	112,530	268,707	7.7	710,663	1,065,778	Chicago.		
23,050	33,382	50.1	15,406	10,400	20.3	9	106	.2	34,284	32,318	Cincinnati.		
121,665	104,154	23.1	42,827	34,835	7.7	30,150	48,048	10.6	218,995	232,105	Cleveland.		
310,241	354,771	39.4	230,533	220,487	25.5	34,815	73,330	8.1	466,856	443,673	Cleveland Heights.		
4,101	16,529	32.4	1,896	7,616	14.9	186	500	1.2	23,199	27,740	Columbus.		
918	1,101	2.1	544	524	1.0	14,457	19,530	37.9	24,005	27,576	Columbus.		
39,597	40,538	14.0	16,055	15,279	5.3	22,310	32,969	11.3	143,359	147,205	Covington.		
13,649	10,573	16.2	2,883	1,900	2.9	3,046	3,482	5.6	31,600	33,562	Dallas.		
18,901	16,667	6.4	8,730	6,473	2.5	24,088	44,755	17.2	126,071	134,404	Davenport.		
20,388	17,800	20.4	7,644	5,621	9.3	698	1,050	1.7	30,192	30,556	Dayton.		
(4)	20,758	14.8	(3)	13,111	12,014	6.0	9,064	17,151	8.5	99,822	101,160	Decatur.	
6,787	7,251	12.6	2,690	13,305	23.6	(4)	300	.8	27,270	23,079	Decatur.		
67,346	72,285	25.1	37,620	2,355	4.1	1,187	1,965	3.4	28,004	29,506	Denver.		
25,302	27,178	19.1	11,224	31,235	10.9	6,847	14,884	5.2	139,872	147,389	Des Moines.		
348,771	503,016	32.1	289,297	300,281	25.5	5,581	5,835	4.1	68,481	74,078	Detroit.		
44,205	45,305	44.7	30,118	24,929	24.6	903	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	14,603	13,793	25.2	1,457	10,470	19.1	30,618	24,166	East Chicago.		
14,075	19,404	28.5	6,780	10,030	14.8	2,400	4,933	7.3	31,637	36,333	East Orange.		
13,608	12,286	16.5	6,782	4,667	6.3	7,493	11,578	15.6	37,461	36,836	East St. Louis.		
39,088	46,971	41.0	28,215	29,160	25.4	2,013	4,867	4.2	58,348	66,241	Elizabeth.		
14,995	6,311	6.2	33,353	2,844	2.8	1,756	60,459	59.0	49,551	62,870	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	20,586	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	56,132	60,142	Fall River.		
24,821	27,582	24.0	15,127	20,934	13.4	1,765	6,469	4.1	31,807	34,595	Flint.		
20,784	30,580	17.9	6,634	5,720	5.0	1,478	2,441	2.1	56,270	58,676	Fort Wayne.		
7,592	8,163	5.0	7,859	2,918	1.8	16,016	23,250	16.1	80,015	83,432	Fort Worth.		
10,476	12,974	24.7	8,552	7,056	15.2	2,266	5,669	10.8	26,382	28,131	Fresno.		
10,137	9,954	18.8	6,892	4,705	8.9	9,937	15,878	30.0	27,495	25,443	Galveston.		
17,066	26,012	25.9	16,400	19,345	19.3	5,334	21,434	21.3	54,693	45,833	Gary.		

<sup>1</sup> Hyde Park town annexed to Boston City between 1910 and 1920. Combined population, 1890, 458,670; 1900, 574,136; 1910, 686,092.

<sup>2</sup> Not distributed by nativity or race.

AREA AND POPULATION

No. 24.—POPULATION, BY RACE, NATIVITY, AND PARENTAGE, FOR CITIES

CITY	TOTAL POPULATION					NATIVE WHITE, NATIVE PARENTAGE			
	1890	1900	1910	1920	1930	Number		Per- cent, 1930	
						1920	1930		
Glendale, Calif.			2,740	13,530	62,736	9,032	43,217	68.9	
Grand Rapids, Mich.	60,278	87,595	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	17,595	23,914	35,279	39,675	52,176	27,201	40,112	70.9	
Hammond, Ind.	5,428	12,376	20,925	36,004	64,560	14,953	34,606	53.6	
Hamtramck, Mich.			3,559	48,615	56,268	2,073	4,185	7.4	
Harrisburg, Pa.	39,385	60,167	64,188	75,917	80,339	69,288	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	62,959	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	138,270	292,352	72,433	173,602	59.4	
Huntington, W. Va.	10,108	11,923	31,161	50,177	76,572	44,720	60,854	88.5	
Indianapolis, Ind.	105,436	169,104	233,650	314,194	394,161	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	48,674	55,137	30,658	36,202	65.6	
Jacksonville, Fla.	17,201	28,420	57,699	91,558	129,549	39,960	68,915	63.0	
Jersey City, N. J.	163,003	206,493	267,779	298,103	316,715	87,083	100,101	31.6	
Johnstown, Pa.	21,805	35,936	55,482	67,827	66,993	34,207	34,687	51.8	
Kalamazoo, Mich.	17,853	24,404	39,437	48,487	54,786	27,873	34,009	62.1	
Kansas City, Kans.	38,310	61,418	82,331	101,177	121,857	56,575	72,256	60.3	
Kansas City, Mo.	132,710	163,752	243,381	324,410	399,746	200,134	270,385	67.5	
Kenosha, Wis.	6,532	11,600	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	70,500	20,157	38,279	54.3	
Lancaster, Pa.	32,011	41,469	47,227	53,150	59,940	42,526	48,468	80.8	
Lansing, Mich.	13,102	16,485	31,229	57,327	78,397	33,378	54,461	69.5	
Lawrence, Mass.	44,654	62,559	85,892	94,270	85,008	12,325	14,039	16.5	
Lincoln, Nebr.	55,164	40,169	43,073	54,948	75,093	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.		504	2,252	17,809	55,593	142,032	37,888	99,922	70.4
Los Angeles, Calif.	50,395	102,479	319,108	576,673	1,238,408	294,458	618,028	47.9	
Louisville, Ky.	161,120	204,731	223,928	234,891	307,745	139,403	212,121	68.9	
Lowell, Mass.	77,696	94,969	106,294	112,759	100,234	24,676	26,020	26.9	
Lynn, Mass.	65,727	68,513	89,336	99,148	102,320	33,988	34,370	33.9	
Macon, Ga.	22,746	23,272	40,665	52,995	53,829	27,923	20,109	54.2	
Madison, Wis.	13,426	19,104	25,531	38,378	57,939	19,145	35,085	60.6	
Malden, Mass.	23,031	33,604	44,404	49,103	58,036	15,087	17,823	30.4	
Manchester, N. H.	44,126	56,987	70,065	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	30,038	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	373,357	457,147	578,249	130,845	217,729	37.7	
Minneapolis, Minn.	164,738	202,718	301,403	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.	21,833	30,346	38,136	43,464	66,079	21,145	33,734	51.3	
Mount Vernon, N. Y.	10,630	21,228	30,919	42,726	61,499	15,010	20,386	33.1	
Nashville, Tenn.	76,168	80,805	110,364	118,342	163,860	74,022	103,757	67.4	
Newark, N. J.	181,830	246,070	347,469	414,524	442,337	113,413	108,574	24.5	
New Bedford, Mass.	40,733	62,442	96,652	121,217	112,597	20,098	22,164	10.7	
New Britain, Conn.	16,519	25,993	43,916	59,316	68,128	11,161	13,600	20.0	
New Haven, Conn.	31,208	108,027	133,605	162,637	162,655	44,401	44,770	27.5	
New Orleans, La.	242,039	287,104	330,075	367,219	458,792	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. <sup>1</sup>	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	133,477	31,477	20,593	27.3	
Norfolk, Va.	34,871	46,624	67,452	115,777	129,710	50,769	72,687	56.0	
Oakland, Calif.	48,682	66,960	150,174	216,261	284,063	97,279	131,755	46.4	
Oak Park, Ill.			19,444	39,858	63,932	20,206	34,034	53.2	
Oklahoma City, Okla.	4,151	10,037	64,205	91,295	135,389	71,446	154,179	83.2	
Omaha, Nebr. <sup>2</sup>	140,452	102,555	124,096	191,601	214,006	86,525	108,433	50.7	
Osadena, Calif.	4,832	9,117	30,291	45,354	76,086	27,966	44,797	58.9	
Passaic, N. J.	13,028	27,771	54,773	63,841	62,959	8,816	9,888	15.7	

<sup>1</sup> Includes Indians, Chinese, Japanese, and other nonwhites.

<sup>2</sup> Population shown is for New York City as now constituted.

HAVING, IN 1930, OVER 50,000 INHABITANTS: 1920 AND 1930—Continued

NATIVE WHITE, FOREIGN OR MIXED PARENTAGE			FOREIGN-BORN WHITE			NEGRO AND OTHER RACES †			SEX, 1930		CITY
Number		Percent, 1930	Number		Percent, 1930	Number		Percent, 1930	Male	Female	
1920	1930		1920	1930		1920	1930				
2,738	12,600	20.2	1,561	5,762	9.2	205	1,097	1.7	29,785	32,951	Glendale.
52,038	58,865	34.9	28,355	27,240	16.2	1,162	3,037	1.8	32,340	80,252	Grand Rapids.
354	957	1.8	168	472	.9	5,975	14,054	26.2	25,556	28,003	Greensboro.
8,473	7,909	1.5	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	33,630	30,921	Hammond.
21,458	27,901	49.6	23,062	20,025	35.6	2,022	4,157	7.4	30,096	26,172	Hamtramck.
7,242	8,014	10.0	4,144	3,704	4.6	5,263	6,417	8.0	38,833	41,506	Harrisburg.
52,637	67,357	41.1	40,067	44,528	27.1	4,355	6,005	4.0	80,015	84,057	Hartford.
13,789	14,239	26.9	12,061	14,362	27.1	444	1,279	2.4	27,367	25,592	Highland Park.
20,945	24,221	40.9	23,490	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.
10,823	29,702	10.2	12,012	11,293	3.0	34,008	77,665	26.6	145,002	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	10,958	13,740	3.8	34,783	44,097	12.1	176,647	187,514	Indianapolis.
10,058	22,258	39.2	5,508	13,239	23.3	103	135	.2	28,174	28,550	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	6.0	3,894	4,353	3.4	41,580	48,220	37.2	62,018	67,531	Jacksonville.
126,045	133,473	42.1	75,981	70,313	22.2	8,094	12,838	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	33,570	33,414	Johnstown.
12,627	13,300	24.3	7,207	6,440	11.8	780	1,037	1.9	26,931	27,855	Kalamazoo.
18,472	19,312	15.8	11,050	7,593	6.2	14,474	22,690	18.6	60,807	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	7,406	12.4	2,714	2,778	4.0	923	1,298	2.2	28,618	31,831	Lancaster.
12,244	15,848	20.2	5,985	6,630	8.5	725	1,458	1.9	39,786	38,612	Lansing.
42,604	42,172	40.6	39,063	28,693	33.7	278	224	.3	41,502	43,660	Lawrence.
13,437	17,608	23.2	7,198	6,525	8.0	932	1,299	1.7	36,048	39,555	Lincoln.
5,003	4,743	5.8	1,798	1,373	1.7	17,485	19,725	24.1	38,609	43,070	Little Rock.
10,535	25,296	18.3	6,799	13,255	0.3	653	2,850	2.0	68,256	73,776	Long Beach.
140,349	273,708	22.1	112,057	181,848	14.7	29,800	104,464	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	45,994	46.9	38,040	20,129	20.1	250	182	.2	47,380	52,848	Lowell.
36,361	39,954	39.0	27,858	27,091	20.5	941	905	.9	49,891	52,429	Lynn.
1,277	1,010	1.9	698	455	.8	23,097	23,165	43.0	24,767	29,062	Macon.
14,008	17,127	29.6	4,852	5,274	0.1	313	413	.7	27,536	30,363	Madison.
19,355	23,595	40.7	14,105	15,964	27.5	540	654	1.1	27,728	30,308	Malden.
31,939	33,462	43.0	27,616	21,944	23.0	78	51	.1	36,818	40,016	Manchester.
17,078	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	25,170	22.8	54,629	55,068	Miami.
213,911	211,695	41.8	110,068	109,383	18.9	2,323	9,442	1.6	290,648	287,601	Milwaukee.
155,155	183,941	39.0	88,032	80,834	17.4	4,217	4,877	1.1	225,547	238,809	Minneapolis.
5,788	5,288	7.8	2,000	1,902	2.9	23,023	24,690	36.1	32,600	35,536	Mobile.
1,725	1,740	2.6	761	631	1.0	19,893	29,974	45.4	30,635	35,444	Montgomery.
16,258	23,163	37.7	10,090	14,270	23.2	1,368	3,671	6.0	29,634	31,865	Mount Vernon.
6,294	5,480	3.6	2,887	1,788	1.2	35,639	42,841	27.8	71,945	81,921	Nashville.
166,807	178,818	40.4	117,003	116,204	26.0	17,301	39,741	9.0	223,793	218,574	Newark.
47,355	49,371	43.8	48,689	37,333	5.5	5,075	3,720	3.3	54,137	58,460	New Bedford.
26,602	33,418	49.1	21,230	20,746	30.5	323	864	.5	34,294	33,834	New Britain.
67,720	72,398	44.5	45,080	40,091	24.0	4,721	5,401	3.3	79,549	83,100	New Haven.
10,283	65,796	14.3	26,992	10,681	4.3	101,303	131,033	28.6	219,250	230,512	New Orleans.
39,349	18,416	34.3	8,457	12,558	23.3	2,677	4,736	8.8	26,762	27,328	New Rochelle.
15,148	21,418	32.8	10,179	13,557	20.8	570	670	1.0	29,372	35,904	Newton.
2,303,932	2,788,625	40.2	1,991,547	2,303,400	33.1	100,585	343,221	5.0	3,472,956	3,457,490	New York. <sup>b</sup>
18,874	20,385	38.9	17,880	24,467	32.4	523	1,012	1.3	38,778	39,682	Niagara Falls.
7,880	8,488	6.5	6,587	4,339	3.3	43,551	44,196	34.1	65,049	64,661	Norfolk.
68,653	86,230	30.4	45,162	49,488	17.4	12,257	16,600	5.8	142,434	141,620	Oakland.
13,820	21,353	33.4	6,634	8,411	13.1	189	184	.3	30,058	33,924	Oak Park.
7,948	11,711	6.3	3,477	3,143	1.7	8,424	16,356	8.8	93,751	91,638	Oklahoma City.
69,140	64,436	30.1	35,381	28,788	13.5	10,555	12,340	5.8	105,896	108,110	Omaha. <sup>b</sup>
9,011	14,472	19.0	9,785	9,874	13.0	1,592	6,943	9.1	33,740	42,346	Pasadena.
28,042	28,850	47.4	26,365	21,338	33.0	618	1,877	3.0	31,324	31,635	Passaic.

<sup>b</sup> Omaha and South Omaha cities consolidated between 1910 and 1920. Combined population, 1890, 148,514; 1900, 128,556; 1910, 150,355.



AREA AND POPULATION

No. 24.—POPULATION, BY RACE, NATIVITY, AND PARENTAGE, FOR CITIES

CITY	TOTAL POPULATION					NATIVE WHITE, NATIVE PARENTAGE		
	1890	1900	1910	1920	1930	Number		Per-cent, 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.	27,033	39,231	51,622	64,248	77,149	14,780	20,394	26.4
Peoria, Ill.	41,624	56,100	66,950	76,121	104,909	46,213	73,758	70.3
Philadelphia, Pa.	1,046,994	1,293,097	1,549,008	1,823,770	1,950,961	698,782	740,598	38.0
Pittsburgh, Pa.	7343,904	7,451,612	8,533,905	9,588,343	10,609,817	216,530	272,182	40.6
Pontiac, Mich.	6,200	9,769	14,532	34,273	64,928	20,031	38,178	58.8
Port Arthur, Tex.		900	7,663	22,251	50,902	14,762	34,121	67.0
Portland, Me.	36,425	50,145	58,571	60,272	70,310	35,969	38,318	54.1
Portland, Oreg.	46,385	90,426	207,214	258,238	301,815	136,216	166,874	55.3
Providence, R. I.	132,140	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	23,596	30,031	59.9
Quincy, Mass.	16,723	23,899	32,642	47,876	71,983	14,845	25,889	36.0
Racine, Wis.	21,014	29,102	38,002	58,593	67,542	17,211	29,049	37.1
Reading, Pa.	58,661	78,961	96,071	107,784	111,171	81,000	75,807	71.8
Richmond, Va.	81,388	85,050	127,628	171,667	182,929	102,956	115,536	63.2
Roanoke, Va.	10,150	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	127,355	38.8
Rockford, Ill.	23,584	31,051	45,401	65,651	85,864	24,141	36,458	42.6
Sacramento, Calif.	26,380	29,282	44,090	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	45.0
St. Joseph, Mo.	52,324	102,979	77,403	77,939	80,935	53,531	60,694	75.0
St. Louis, Mo.	451,770	675,238	887,029	772,897	821,906	359,482	438,592	53.4
St. Paul, Minn.	133,150	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	231,422	76,299	99,002	43.0
San Diego, Calif.	16,169	17,700	39,578	74,361	147,995	41,333	86,933	58.8
San Francisco, Calif.	208,997	342,782	416,912	500,676	634,394	167,179	235,208	37.1
San Jose, Calif.	18,060	21,500	28,940	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.	10,902	31,682	72,820	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	38.0
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	47,603	60.3
Somerville, Mass.	40,152	61,643	77,236	93,091	103,908	32,289	31,351	30.2
South Bend, Ind.	21,199	35,909	53,684	70,983	104,193	33,915	57,018	55.3
Spokane, Wash.	10,922	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	88,920	129,614	149,900	48,945	58,056	38.7
Springfield, Mo.	21,850	23,267	35,201	30,631	67,527	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.	36,000	37,714	83,743	96,065	106,817	44,657	52,217	48.9
Tampa, Fla.	5,532	15,839	37,782	61,608	101,161	17,542	43,096	42.0
Terre Haute, Ind.	30,217	36,673	58,157	66,083	62,810	48,076	48,337	77.0
Toledo, Ohio.	81,434	131,822	168,497	243,164	290,718	124,055	165,182	56.8
Topeka, Kans.	31,007	33,608	43,684	50,022	64,120	33,594	45,759	71.4
Trenton, N. J.	57,458	73,307	96,815	119,289	123,356	44,195	42,307	34.4
Troy, N. Y.	60,950	60,651	70,813	71,996	72,763	33,080	37,428	51.4
Tulsa, Okla.		1,890	18,182	72,076	141,258	55,660	111,931	79.2
Union City, N. J. *	10,648	15,187	21,023	20,651	58,059	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	20,086	26,425	38,500	62,848	25,897	37,409	70.8
Washington, D. C. *	230,392	278,718	331,069	437,571	480,869	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	61,059	34,059	39,933	63.2
Wichita, Kans.	23,853	24,671	52,450	72,217	111,110	58,052	61,599	82.4
Wilkes-Barre, Pa.	37,718	51,721	67,105	73,833	86,620	28,769	34,538	39.9
Wilmington, Del.	61,431	70,508	87,411	110,168	108,597	56,868	56,838	53.3
Winston-Salem, N. C.	10,729	13,650	22,700	48,895	75,274	26,911	41,499	55.1
Worcester, Mass.	84,655	118,421	145,986	179,754	195,311	50,716	58,690	30.1
Yonkers, N. Y.	32,033	47,931	79,803	100,170	134,646	30,059	41,783	31.0
York, Pa.	20,793	33,708	44,750	47,512	55,264	41,552	48,263	87.3
Youngstown, Ohio.	33,220	44,888	79,066	132,358	170,002	46,459	62,606	36.8

\* Includes Indians, Chinese, Japanese, and other nonwhite.

† Includes population of Allegheny, 1890, 105,287; 1900, 120,896.

HAVING, IN 1930, OVER 50,000 INHABITANTS: 1920 AND 1930—Continued

NATIVE WHITE, FOREIGN OR MIXED PARENTAGE			FOREIGN-BORN WHITE			NEGRO AND OTHER RACES <sup>1</sup>			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	42.0	45,145	42,609	30.8	1,021	3,089	2.2	60,178	60,335	
28,084	34,226	44.4	21,024	22,218	28.8	300	311	.4	37,314	39,835	Pawtucket.
19,004	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	308,624	18.9	135,599	222,504	11.4	968,281	982,680	Philadelphia.
213,405	233,063	34.8	120,260	109,072	16.3	38,082	55,500	8.3	332,576	337,241	Pittsburgh.
8,429	14,189	21.9	5,387	9,162	14.1	628	3,399	5.2	34,987	29,041	Pontiac.
2,153	3,284	6.5	1,413	1,570	3.1	3,923	11,927	23.4	26,760	24,136	Port Arthur.
19,692	20,502	29.0	13,229	11,671	16.5	382	319	.5	33,331	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	5,830	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	30.4	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	56,016	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	889	831	1.2	9,343	12,372	17.9	33,271	35,935	Romanok.
110,792	123,163	37.5	71,321	74,696	22.8	1,661	2,838	.9	160,201	167,871	Rochester.
23,641	29,862	34.8	17,843	18,164	21.2	526	1,280	1.5	43,420	42,436	Rockford.
18,698	24,214	25.8	10,873	12,612	13.5	3,701	9,488	10.1	49,790	43,900	Sacramento.
24,119	27,803	34.4	11,605	11,069	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	5.0	30,681	41,254	St. Joseph.
230,894	207,901	25.3	103,239	80,386	9.8	70,282	95,081	11.6	401,700	420,254	St. Louis.
102,198	110,835	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	1,320	2,197	1.0	69,033	71,224	Salt Lake City.
33,854	23,096	10.0	36,640	8,039	3.5	14,580	100,805	43.5	113,670	117,860	San Antonio.
17,600	30,726	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	153,390	24.2	16,654	30,425	6.2	338,633	296,361	San Francisco.
12,952	18,637	32.3	7,820	9,631	16.7	859	1,880	3.3	28,277	29,374	San Jose.
6,363	5,772	6.8	3,247	2,451	2.9	30,222	38,955	45.8	39,540	45,484	Savannah.
31,858	33,980	35.5	20,490	20,161	21.1	478	706	.7	48,869	46,823	Schenectady.
59,931	61,888	43.1	28,568	25,430	17.7	569	763	.5	70,061	73,372	Scranton.
89,004	103,251	28.2	73,875	72,975	20.0	12,732	15,035	4.1	186,083	179,500	Seattle.
2,325	3,851	5.0	1,296	1,541	2.0	17,506	27,392	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	30,293	30,888	Sioux City.
36,254	42,689	41.1	24,182	20,545	28.4	366	323	.3	50,065	53,843	Somerville.
22,390	29,051	27.9	13,801	14,020	13.5	1,287	3,504	3.4	52,555	51,638	South Bend.
29,230	30,703	26.6	16,826	16,100	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	5.0	973	838	1.5	1,669	1,787	3.1	27,502	30,026	Springfield.
8,005	7,353	10.7	2,757	2,135	3.1	7,041	8,282	12.0	33,887	34,856	Springfield.
67,979	70,244	33.0	32,321	35,010	16.7	1,345	2,152	1.0	103,690	105,046	Syracuse.
29,336	32,546	30.5	20,563	19,796	18.5	2,409	2,268	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.
9,770	8,320	13.2	3,667	2,665	4.2	3,061	3,488	5.0	30,326	32,484	Terre Haute.
75,185	78,035	20.9	38,145	33,474	11.5	5,779	13,977	4.8	147,091	143,027	Toledo.
8,102	8,548	13.4	4,000	2,295	3.0	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	6.0	61,938	61,418	Trenton.
26,827	24,544	33.0	11,477	10,203	14.0	612	678	.9	34,418	38,345	Troy.
5,216	9,275	6.0	2,026	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. <sup>3</sup>
30,756	41,642	40.9	23,257	21,309	20.9	392	496	.5	49,189	52,561	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. <sup>3</sup>
38,695	44,314	44.4	29,894	27,811	27.8	1,004	1,711	1.7	50,209	49,603	Waterbury.
14,720	15,441	25.0	5,799	5,071	8.2	1,033	2,209	3.0	29,852	31,807	Wheeling.
7,550	10,460	9.4	3,021	2,203	2.0	3,594	6,788	6.1	54,174	56,930	Wichita.
30,000	36,486	42.1	14,567	14,088	17.0	557	914	1.1	42,624	43,002	Wilkes-Barre.
26,235	25,029	23.5	16,279	12,592	11.8	10,780	12,138	11.4	53,297	53,300	Wilmington.
442	778	1.0	290	428	.9	20,746	32,569	43.3	35,792	39,482	Winston-Salem.
74,267	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	26,700	34,065	25.3	1,098	3,412	2.5	66,827	67,819	Yonkers.
3,843	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	10.4	9,763	14,894	8.8	80,739	83,263	Youngstown.

<sup>3</sup> Union and West Hoboken towns consolidated as Union City in 1925, combined population 1900, 38,281; 1910, 56,426; 1920, 60,725.

<sup>2</sup> Population shown is for District of Columbia, with which the city is now coextensive.

DIVISION AND STATE	NORTHWESTERN EUROPE										
	Total foreign-born white	United Kingdom				Irish Free State	Norway	Sweden	Denmark	Netherlands	Belgium
		England	Scotland	Wales	North-ern Ire-land						
Continental U. S.	13,388,407	808,872	354,323	60,205	178,832	744,810	347,852	506,250	170,474	133,133	64,194
New England	1,834,310	136,430	54,326	2,834	38,527	198,113	8,860	68,039	7,625	2,814	3,884
Maine	100,368	4,463	1,906	137	827	3,288	534	1,832	840	41	51
New Hampshire	82,660	3,322	1,728	72	1,010	4,807	390	1,608	166	103	523
Vermont	43,061	1,920	1,454	462	377	1,429	127	1,089	140	34	22
Massachusetts	1,054,636	78,418	32,724	1,368	20,378	138,366	5,454	36,810	3,070	1,890	1,956
Rhode Island	170,714	24,696	6,401	224	3,945	13,895	543	6,181	280	138	907
Connecticut	382,271	22,062	10,013	581	7,000	31,328	1,800	18,453	3,129	548	425
Middle Atlantic	5,260,042	276,139	137,861	26,336	92,550	381,502	55,697	91,045	28,978	30,960	12,692
New York	3,101,540	146,485	67,623	7,037	41,521	251,704	44,882	61,233	17,407	14,009	6,144
New Jersey	844,442	51,620	34,721	1,532	15,760	47,486	7,870	13,360	6,665	14,762	2,874
Pennsylvania	1,233,051	78,019	35,517	17,767	35,268	62,312	2,045	16,452	2,906	1,289	3,674
East North Central	3,223,924	170,013	84,679	14,585	23,322	63,881	74,228	165,785	42,397	57,443	33,053
Ohio	644,151	40,665	17,862	6,807	5,029	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	1,932	3,254
Illinois	1,218,158	60,685	24,339	3,277	10,054	57,208	30,250	111,010	18,945	14,828	11,564
Michigan	840,293	62,721	35,257	2,236	6,138	11,360	7,201	23,005	7,210	32,128	13,931
Wisconsin	386,271	8,477	2,723	1,241	1,057	3,478	34,391	18,808	13,094	6,290	2,458
West North Central	1,050,277	38,641	13,035	3,822	6,760	23,983	131,904	147,988	50,193	20,532	5,590
Minnesota	388,294	8,445	3,241	682	1,403	5,095	71,562	90,623	13,831	4,832	1,701
Iowa	165,735	9,045	2,671	1,183	1,778	4,170	12,932	16,810	14,098	10,135	932
Missouri	140,390	7,919	2,419	673	1,308	8,601	675	3,895	1,497	706	859
North Dakota	105,148	1,502	801	111	329	863	31,337	8,470	2,036	658	238
South Dakota	65,648	2,159	612	265	351	862	13,061	6,540	5,298	3,003	239
Nebraska	115,846	4,213	1,223	333	801	2,502	1,691	14,355	10,210	620	523
Kansas	69,716	5,208	1,778	785	780	1,921	746	7,315	1,723	513	1,098
South Atlantic	304,278	25,673	8,859	1,797	2,637	12,183	2,591	4,940	2,339	1,624	1,397
Delaware	16,885	1,302	562	45	900	1,364	141	294	99	56	29
Maryland	95,093	5,067	1,920	477	813	4,032	703	764	464	343	152
Dist. of Columbia	20,082	2,835	884	116	493	3,026	228	435	229	161	152
Virginia	23,820	3,038	1,230	132	375	789	318	467	339	204	101
West Virginia	51,620	3,282	1,267	607	222	659	57	303	75	42	690
North Carolina	3,788	1,268	477	35	63	253	95	100	65	201	19
South Carolina	6,266	479	179	13	90	185	65	106	39	24	52
Georgia	13,917	1,328	534	33	147	546	126	266	108	87	45
Florida	59,057	7,084	1,707	280	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	395	184
Kentucky	21,840	1,478	524	114	101	1,656	46	170	72	112	59
Tennessee	13,069	1,351	453	104	100	491	68	232	123	56	28
Alabama	15,710	1,769	860	141	102	413	205	638	182	95	60
Mississippi	7,049	470	124	18	54	198	68	206	90	32	37
West South Central	170,232	11,193	3,241	612	1,212	4,921	2,292	5,534	2,319	1,044	1,009
Arkansas	10,173	800	229	51	100	354	72	249	138	80	78
Louisiana	34,910	1,512	435	66	234	970	487	433	315	220	307
Oklahoma	26,753	2,099	866	235	262	690	243	835	510	166	217
Texas	93,396	6,782	1,711	260	616	2,907	1,490	4,017	1,660	678	407
Mountain	287,914	33,070	10,934	3,385	3,173	10,252	16,360	26,839	13,248	5,038	1,343
Montana	72,961	6,020	2,721	580	1,035	3,950	8,901	5,655	2,641	1,263	509
Idaho	30,454	3,252	1,025	355	284	616	2,148	4,200	1,667	341	118
Wyoming	19,688	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	1,211	8,328	2,374	1,100	390
New Mexico	7,797	648	354	99	91	213	119	263	101	64	34
Arizona	15,591	2,309	579	139	235	653	295	778	364	100	50
Utah	48,772	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	641	44	24
Pacific	1,169,765	113,400	39,647	6,397	14,085	42,237	56,483	86,850	33,901	13,383	5,042
Washington	244,250	20,304	3,024	1,694	2,154	4,942	31,429	34,084	7,175	3,484	1,242
Oregon	105,476	8,077	3,820	592	1,039	2,802	7,460	11,032	3,651	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

BY COUNTRY OF BIRTH, BY STATES: 1930

NORTHWESTERN EUROPE—CON.			CENTRAL EUROPE						EASTERN EUROPE			DIVISION AND STATE
Lux-emburg	Switzer-land	France	Ger-many	Poland	Czecho-slova-kia	Aus-tria	Hung-ary	Yugo-slavia	Russia	Lithu-ania	Lat-via	
9, 048	113, 010	135, 239	1, 608, 814	1, 268, 583	491, 638	370, 914	274, 450	211, 416	1, 158, 624	193, 606	20, 673	U. S.
78	3, 541	11, 723	50, 005	136, 774	16, 024	11, 946	11, 107	1, 334	103, 310	41, 753	2, 906	N. E.
5	51	314	818	1, 706	241	230	30	18	1, 830	1, 121	92	Me.
2	82	290	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, 066	4, 266	905	305	67, 684	25, 219	2, 315	Mass.
11	204	2, 013	3, 090	8, 690	274	338	133	24	5, 890	922	93	R. I.
26	1, 774	2, 889	23, 465	49, 267	12, 220	6, 300	9, 830	882	25, 769	13, 247	339	Conn.
867	30, 985	52, 449	572, 871	616, 028	199, 705	218, 000	136, 753	54, 662	659, 250	69, 829	9, 062	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, 705	10, 520	112, 753	102, 573	32, 358	24, 010	32, 332	3, 043	62, 152	9, 870	1, 104	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, 978	27, 066	24, 101	524, 437	416, 569	190, 709	82, 600	100, 773	102, 437	175, 188	67, 872	4, 451	E. N. C.
163	7, 624	5, 746	95, 697	64, 493	68, 738	20, 547	47, 029	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	75, 420	33, 336	20, 395	28, 173	87, 029	44, 733	2, 609	Ill.
375	2, 834	4, 581	81, 714	119, 228	17, 646	13, 299	19, 188	16, 468	34, 248	9, 340	674	Mich.
596	7, 669	1, 459	128, 259	42, 359	19, 580	12, 709	6, 490	12, 206	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	3, 888	11, 902	1, 283	255	Minn.
873	2, 066	1, 435	53, 901	1, 875	8, 280	1, 598	295	1, 306	4, 482	835	66	Iowa.
54	3, 578	2, 353	42, 276	8, 324	4, 495	7, 928	3, 484	2, 753	15, 689	805	167	Mo.
202	369	237	10, 114	2, 128	1, 869	1, 407	898	339	22, 617	121	33	N. Dak.
380	618	229	12, 739	717	2, 589	678	231	223	9, 023	46	7	S. Dak.
204	1, 364	558	32, 544	4, 445	14, 313	1, 863	372	762	11, 234	589	145	Nebr.
129	1, 594	1, 271	17, 384	1, 915	3, 044	2, 164	334	2, 781	8, 781	158	11	Kans.
85	2, 248	3, 960	38, 235	26, 339	8, 309	7, 578	6, 737	3, 066	36, 870	5, 681	1, 384	S. A.
19	75	147	1, 459	2, 954	159	435	157	7	1, 450	90	29	Del.
8	497	773	18, 925	12, 027	3, 344	2, 634	1, 219	275	18, 782	3, 422	624	Md.
19	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, 083	2, 440	2, 200	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.
1	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, 733	960	131	223	208	25	1, 303	106	66	Tenn.
7	150	406	2, 114	556	483	380	284	135	1, 067	88	49	Ala.
5	53	196	739	206	70	146	44	189	524	44	27	Miss.
93	2, 681	5, 698	38, 411	6, 800	14, 855	4, 590	1, 241	1, 141	10, 856	580	247	W. S. C.
7	518	254	2, 989	394	404	293	67	118	401	52	10	Ark.
10	260	2, 935	3, 616	655	332	467	361	397	1, 375	31	23	La.
31	493	717	5, 893	1, 162	1, 867	530	191	162	3, 613	189	74	Okla.
45	1, 410	1, 792	25, 913	4, 589	12, 282	3, 800	622	464	5, 467	308	140	Tex.
238	5, 593	4, 071	28, 731	5, 125	5, 018	6, 002	1, 572	12, 133	20, 865	614	135	Mt.
108	901	659	6, 155	1, 144	1, 714	1, 435	360	3, 877	4, 212	175	19	Mont.
41	1, 038	981	3, 427	227	541	399	106	489	1, 163	18	4	Idaho.
7	250	359	1, 714	604	521	457	175	1, 322	1, 375	25	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	493	58	18	Ariz.
9	1, 419	201	4, 104	230	110	410	72	989	342	36	15	Utah.
3	387	783	974	82	88	176	16	572	122	6	8	Nev.
822	27, 675	24, 449	115, 295	20, 318	10, 105	18, 035	7, 879	19, 045	59, 554	2, 963	1, 632	Pac.
263	3, 578	1, 986	20, 542	3, 942	2, 202	3, 123	579	4, 761	9, 229	868	276	Wash.
122	4, 034	1, 144	12, 913	2, 086	1, 691	1, 664	404	1, 541	6, 278	319	167	Oreg.
437	20, 063	21, 319	81, 840	14, 290	6, 212	13, 243	6, 896	12, 743	44, 047	1, 776	1, 189	Calif.

DIVISION AND STATE	EASTERN EUROPE—continued					SOUTHERN EUROPE				ASIA		
	Es- tonia	Fin- land	Ru- mania	Bu- l- garia	Tur- key in Eu- rope	Greece	Italy	Spain	Por- tugal	Other Eu- rope <sup>1</sup>	Ar- menia	Pales- tine and Syria
Continental U. S. . . . .	3,550	142,478	146,393	9,399	2,257	174,526	1,790,424	58,302	69,974	25,065	32,168	63,392
New England . . . . .	182	18,503	3,424	238	311	25,423	253,098	2,363	93,674	4,843	10,687	11,504
Maine . . . . .	4	1,406	27	5	16	748	2,359	40	73	281	134	486
New Hampshire . . . . .	3	1,386	35	15	7	3,233	1,938	20	247	204	151	413
Vermont . . . . .	5	555	15	4	—	225	3,082	478	46	9	14	274
Massachusetts . . . . .	90	13,077	1,083	110	217	16,780	126,103	708	24,340	3,116	7,705	7,403
Rhode Island . . . . .	10	448	480	48	38	1,100	32,493	110	8,118	282	1,009	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	32,290	72,829	1,544	1,043	51,053	1,044,159	25,517	10,052	8,604	8,412	21,484
New York . . . . .	1,505	17,444	51,014	973	840	33,387	623,322	17,995	5,106	4,595	4,874	13,024
New Jersey . . . . .	234	2,721	6,686	124	77	6,020	190,558	4,982	3,655	1,040	1,947	2,939
Pennsylvania . . . . .	210	2,125	15,126	442	117	11,646	225,970	2,840	1,291	2,960	1,691	5,521
East North Central . . . . .	401	42,948	48,371	4,914	424	49,101	244,504	4,568	546	7,500	5,927	12,598
Ohio . . . . .	81	5,633	19,580	1,686	96	12,050	71,498	1,556	185	1,562	468	4,496
Indiana . . . . .	10	265	3,292	403	11	4,087	4,373	507	88	362	127	723
Illinois . . . . .	127	4,302	13,172	1,037	99	20,003	110,449	1,030	102	1,440	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	12,509	56	40	370	375	549
West North Central . . . . .	30	24,328	9,012	692	34	8,018	31,653	669	32	1,032	267	3,204
Minnesota . . . . .	58	26,360	2,819	238	7	1,715	6,401	422	5	1,338	60	705
Iowa . . . . .	4	70	284	159	2	1,910	3,834	22	1	69	68	580
Missouri . . . . .	9	100	2,321	151	19	2,405	15,204	460	14	547	86	889
North Dakota . . . . .	7	873	2,518	39	—	303	102	8	1	27	22	239
South Dakota . . . . .	3	825	410	46	3	279	305	7	1	25	3	233
Nebraska . . . . .	3	43	336	35	3	322	3,642	18	4	140	24	395
Kansas . . . . .	2	52	324	20	—	534	2,165	102	6	86	4	253
South Atlantic . . . . .	119	1,191	2,743	215	106	11,449	39,612	6,277	393	762	323	4,818
Delaware . . . . .	11	50	91	2	4	339	3,769	121	7	33	3	7
Maryland . . . . .	39	378	811	16	6	1,617	10,872	281	33	185	30	133
Dist. of Columbia . . . . .	2	69	160	16	25	1,347	4,330	145	23	85	68	305
Virginia . . . . .	9	68	172	9	23	1,285	1,853	111	57	104	133	509
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	5,262	4,125	122	70	48	962
East South Central . . . . .	12	154	464	43	22	2,304	7,288	213	39	259	32	1,801
Kentucky . . . . .	—	27	202	14	466	1,589	97	26	75	8	1	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	1,013	31	3	36	3	713
West South Central . . . . .	53	297	847	220	37	3,331	22,185	1,437	104	607	59	3,821
Arkansas . . . . .	2	10	36	33	2	212	952	7	1	31	4	227
Louisiana . . . . .	23	82	127	20	12	574	13,525	665	52	135	15	954
Oklahoma . . . . .	—	25	140	100	60	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	5,785	1,436	640	20	6,716	23,774	3,480	224	250	193	1,207
Montana . . . . .	20	2,700	641	107	1	840	2,840	87	14	67	43	100
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	360	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	—	490	2,563	1,069	121	8	24	23
Pacific . . . . .	692	25,004	6,771	890	260	17,181	122,251	13,793	22,910	1,402	6,272	2,835
Washington . . . . .	149	11,002	787	76	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	3,495	5,141	469	167	12,675	107,249	13,016	22,595	1,122	6,112	2,843

<sup>1</sup> Comprises Albania, Dania, and "Europe, not specified."

<sup>2</sup> Comprises Hedjaz, India, China, Japan, and "Asia, not specified."

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

BY COUNTRY OF BIRTH, BY STATES: 1930—Continued

ASIA—CON.		AMERICA							OTHER COUNTRIES			All other <sup>4</sup>	DIVISION AND STATE		
Tur-key in Asia	Other Asia <sup>2</sup>	Canada		New-found-land	Mexi-co	Cuba	Other West Indies <sup>3</sup>	Central and South America	Aus-tralia	Azoros	Ice-land				
		French	Other												
46,061	15,401	370,852	907,599	23,971	23,745	15,944	15,482	37,509	12,720	35,427	2,764	22,725	U. S.		
8,348	1,294	284,281	262,760	12,533	145	350	1,037	2,460	597	22,272	73	3,235	N. E.		
131	35	36,947	36,796	204	4	11	45	31	20	5	2	100	Me.		
259	22	37,682	13,277	228	4	10	19	34	20	34	1	71	N. H.		
17	16	17,320	9,862	101	0	8	8	30	14	3	1	31	Vt.		
6,124	460	115,241	172,810	10,989	86	198	602	1,300	369	18,562	61	2,422	Mass.		
1,084	92	31,501	7,777	256	12	14	128	352	56	3,561	2	296	R. I.		
733	669	25,570	12,238	753	31	103	235	623	118	107	7	315	Conn.		
21,183	4,409	33,336	147,411	8,046	3,551	7,099	9,894	20,149	2,629	198	166	6,484	M. A.		
16,073	3,163	28,955	118,919	6,374	2,744	6,058	8,372	16,032	1,659	138	114	4,551	N. Y.		
2,353	579	2,470	14,051	932	288	562	1,023	2,415	428	50	48	1,034	N. J.		
2,157	667	1,911	14,411	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	669	Ind.		
297	288	682	5,519	69	218	30	22	148	98	3	3	178	Ohio.		
2,048	2,411	6,189	37,400	386	1,430	237	207	1,483	709	7	123	1,290	Ill.		
3,564	936	28,539	173,777	975	700	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	20,018	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.		
26	24	492	2,859	8	14	1	7	16	18	-----	15	91	S. Dak.		
28	62	436	3,042	34	212	6	9	68	47	-----	1	123	Nebr.		
23	55	3,468	3,468	4	156	24	10	137	67	-----	1	244	Kans.		
1,547	574	2,055	15,384	301	377	6,672	2,439	1,304	400	24	33	868	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	36	-----	3	13	196	Md.	
198	64	223	1,458	33	61	80	40	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	57	N. C.		
93	34	31	247	7	6	15	15	12	4	-----	1	25	S. C.		
185	37	109	985	20	21	69	32	70	30	-----	4	60	Ga.		
163	133	985	7,171	104	99	6,287	2,131	388	114	12	5	258	Fla.		
157	105	347	2,763	46	138	100	180	262	87	-----	4	165	E. S. C.		
48	33	96	822	21	24	22	12	36	29	-----	-----	60	60	Ky.	
30	26	92	847	12	27	21	16	56	27	-----	-----	1	36	Tenn.	
62	26	117	785	11	43	46	130	92	10	-----	-----	3	45	Ala.	
17	20	42	309	2	44	11	22	78	12	-----	-----	-----	24	Miss.	
448	267	994	7,326	125	4,455	392	327	1,443	276	11	13	573	W. S. C.		
18	7	77	618	39	37	5	7	29	19	-----	-----	-----	42	Ark.	
117	48	222	759	18	557	229	130	1,023	45	-----	-----	1	125	La.	
45	51	243	1,876	15	169	15	21	71	46	-----	-----	3	1	92	Okla.
298	161	462	4,073	53	3,692	133	109	320	106	8	11	314	Tex.		
298	287	3,678	23,302	134	2,284	70	104	513	616	183	137	839	Mt.		
70	47	1,906	8,787	33	88	3	19	65	71	5	16	109	Mont.		
11	17	571	3,931	41	68	3	4	30	53	27	12	107	Idaho.		
13	22	118	1,018	3	67	2	13	19	13	1	1	42	Wyo.		
78	73	572	5,244	27	336	28	33	213	114	1	1	161	Colo.		
8	17	62	5,551	6	390	7	3	50	19	1	-----	29	N. Mex.		
20	53	158	1,840	15	1,086	19	21	58	85	2	4	67	Ariz.		
34	22	97	1,093	5	177	3	4	38	25	-----	9	274	Utah.		
46	16	134	818	4	72	5	7	40	46	116	6	50	Nov.		
5,570	3,833	13,342	154,083	379	8,324	458	733	7,357	5,964	12,742	1,066	6,669	Pac.		
646	408	4,340	43,724	250	115	20	57	350	583	15	741	685	Wash.		
164	149	1,345	16,571	67	61	11	32	151	273	27	49	321	Oreg.		
4,770	3,066	7,057	93,788	559	8,648	427	694	6,856	5,108	12,700	276	4,663	Calif.		

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

No. 26.—POPULATION, FOREIGN-BORN, BY COUNTRY OF BIRTH, CONTINENTAL UNITED STATES: 1880 TO 1930

COUNTRY OF BIRTH	NUMBER						PERCENT OF INCREASE <sup>1</sup>	
	1880	1890	1900	1910	1920	1930	1910-1920	1920-1930
Total foreign born.....	8,879,943	9,249,680	10,341,276	13,615,886	13,920,692	14,204,148	5.0	2.0
Europe.....	5,744,511	6,020,608	6,871,780	11,791,841	11,882,063	11,748,399	.8	-1.1
Northwestern Europe.....	3,484,484	4,380,762	4,202,693	4,239,067	3,830,094	3,728,050	-9.6	-2.7
England.....	604,160	909,092	840,513	377,719	813,853	809,563	-7.3	- .5
Scotland.....	170,136	242,231	233,524	261,076	284,570	354,323	-2.5	39.2
Wales.....	83,302	100,079	93,588	82,488	67,066	60,205	-18.7	-10.2
Northern Ireland.....	1,864,571	1,871,509	1,015,469	1,352,251	1,037,234	1,178,832	-23.9	-11.0
Irish Free State.....						744,810		
Norway.....	181,729	322,665	336,383	403,877	363,863	347,852	-9.9	-4.4
Sweden.....	194,337	478,041	582,014	665,207	625,585	595,250	-6.0	-4.9
Denmark and Iceland <sup>2</sup> .....	64,196	132,543	163,690	181,049	189,154	182,238	4.1	-3.7
Netherlands.....	58,090	81,823	94,931	120,063	131,766	133,133	6.7	1.0
Belgium.....	15,535	23,639	29,757	49,400	62,687	64,194	26.9	2.4
Luxemburg.....	12,836	2,832	3,031	3,071	12,585	9,048	309.8	-28.1
Switzerland.....	83,621	104,069	115,593	124,848	118,669	113,010	-5.0	-4.8
France <sup>3</sup> .....	106,971	113,174	104,197	117,418	163,072	136,592	30.4	-11.4
Central and Eastern Europe.....	2,187,779	3,420,829	4,136,646	6,024,041	6,134,845	5,897,799	1.8	-3.9
Germany <sup>4</sup> .....	1,066,742	2,784,894	2,663,418	2,311,237	1,686,108	1,608,814	-27.0	-4.6
Poland <sup>5</sup> .....	48,657	147,440	383,407	937,884	1,139,979	1,268,583	21.5	11.3
Czechoslovakia <sup>6</sup> .....				302,438		491,638		35.6
Austria <sup>7</sup> .....	124,024	241,377	432,798	845,555	575,027	370,914	-31.9	-35.6
Hungary <sup>8</sup> .....	11,526	62,435	145,714	495,609	397,283	274,450	-19.8	-30.9
Yugoslavia <sup>9</sup> .....					169,439	211,416		24.8
Serbia <sup>4</sup> .....				4,630				
Montenegro <sup>4</sup> .....				5,374				
Russia and Lithuania.....			423,720	1,184,412	1,535,563	1,347,234	29.6	-10.7
Latvia and Estonia.....	35,722	182,644				24,223		
Finland.....			62,641	129,980	149,824	142,478	15.5	-4.9
Rumania <sup>10</sup> .....			16,032	65,023	102,823	146,393	56.0	42.4
Bulgaria <sup>11</sup> .....				11,498	10,477	9,399	-8.9	-10.3
Turkey in Europe <sup>12</sup> .....	1,205	1,839	9,910	32,230	5,284	2,257	-83.0	-57.3
Southern Europe.....	58,285	208,648	530,200	1,525,875	1,911,213	2,106,295	25.3	10.2
Greece <sup>13</sup> .....	776	1,887	8,515	101,282	175,976	174,528	73.7	- .8
Albania.....				(?)	5,608	8,814		57.2
Italy <sup>14</sup> .....	44,230	182,686	484,027	1,843,125	1,610,113	1,790,429	19.9	11.2
Spain.....	5,121	6,185	7,050	22,108	49,535	69,362	124.1	19.8
Portugal.....	8,138	15,996	30,008	59,390	69,981	73,164	17.9	4.5
Other Europe.....	3,788	12,679	2,251	2,858	5,901	18,255	108.6	176.6
Asia.....	107,630	118,396	120,248	191,484	237,950	275,685	24.3	15.8
Armenia, Palestine, Syria, and Turkey in Asia.....	(5)	(5)	(6)	59,729	102,751	142,184	72.0	38.4
China.....	104,468	106,701	81,534	50,756	43,580	46,129	-23.3	5.9
Japan.....	401	2,292	24,788	67,744	31,502	70,903	20.3	-12.9
India.....	1,707	2,143	2,031	4,064	4,901	5,850	5.1	19.4
Other Asia.....	1,054	2,260	11,806	2,591	5,236	10,509	102.1	100.7
America.....	807,230	1,088,245	1,317,360	1,433,231	1,727,017	2,102,208	18.0	21.7
Canada and Newfoundland <sup>15</sup> .....	717,157	930,938	1,170,922	1,299,717	1,133,174	1,310,369	-5.9	15.1
Canada—								
French <sup>16</sup> .....		302,496	395,120	385,033	307,786	370,852	-20.1	20.5
Other <sup>17</sup> .....		678,442	784,796	819,564	817,139	915,537	- .3	12.0
Newfoundland <sup>18</sup> .....				5,080	13,240	23,080	100.8	81.0
West Indies.....	16,401	23,256	25,435	47,635	78,962	106,241	65.8	34.5
Mexico.....	68,399	77,853	103,393	221,915	486,418	641,462	119.2	31.9
Central and South America.....	5,273	6,198	8,630	9,064	23,463	44,137	135.5	88.1
All other.....	20,772	27,311	31,868	43,330	73,872	77,876	70.0	5.7

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Boundaries changed between 1910 and 1920. Statistics for 1910 relate to pre-war boundaries.

<sup>3</sup> Persons reported in 1910 as of Polish mother tongue born in Germany (150,090), Austria (829,418), and Russia (413,370) 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.

<sup>4</sup> Created since 1910.

<sup>5</sup> Included as part of Yugoslavia in 1920 and 1930.

<sup>6</sup> Turkey in Asia included with Turkey in Europe prior to 1910.

<sup>7</sup> Albania included with Turkey in Europe in 1910 and earlier years.

<sup>8</sup> Newfoundland included with Canada prior to 1910.

<sup>9</sup> Except possessions of the United States.

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

No. 27.—POPULATION, FOREIGN-BORN WHITE, BY COUNTRY OF BIRTH, CONTINENTAL UNITED STATES: 1920 AND 1930

COUNTRY OF BIRTH	1920		1930		COUNTRY OF BIRTH	1920		1930	
	Number	Per cent	Number	Per cent		Number	Per cent	Number	Per cent
Total.....	13, 712, 754	100.0	13, 366, 407	100.0	E. Europe—Con.				
Europe.....	11, 877, 991	86.8	11, 740, 121	87.8	Bulgaria.....	10, 477	0.1	9, 399	0.1
Northwestern Europe.....	3, 828, 876	27.9	3, 724, 035	27.9	Turkey in Europe.....	5, 284	(?)	2, 257	(?)
England.....	812, 828	5.9	803, 672	6.1	Southern Europe.....	1, 602, 781	13.9	2, 093, 236	15.7
Scotland.....	254, 547	1.9	354, 323	2.7	Greece.....	175, 972	1.3	174, 520	1.3
Wales.....	67, 066	.5	60, 205	.5	Italy.....	1, 610, 109	11.7	1, 790, 424	13.4
Northern Ireland.....	1, 037, 233	7.6	1, 037, 852	7.8	Spain.....	49, 247	.4	58, 302	.4
Irish Free State.....	363, 823	2.7	347, 852	2.6	Portugal.....	67, 453	.5	69, 974	.5
Norway.....	625, 530	4.6	595, 260	4.5	Other Europe.....	11, 569	.1	25, 065	.2
Sweden.....	189, 154	1.4	179, 474	1.3	Asia.....	110, 450	.8	167, 580	1.2
Denmark.....	131, 766	1.0	133, 133	1.0	Turkey in Asia.....	11, 014	.1	46, 651	.3
Netherlands.....	62, 686	.5	64, 194	.5	Armenia.....	36, 620	.3	32, 166	.2
Belgium.....	12, 585	.1	9, 048	.1	Palestine and Syria.....	55, 102	.4	63, 362	.5
Luxemburg.....	118, 669	.9	113, 010	.8	Other Asia.....	7, 708	.1	15, 401	.1
Switzerland.....	152, 890	1.1	135, 232	1.0	America.....	1, 658, 801	12.1	1, 395, 070	10.4
France.....	4, 330, 860	31.6	4, 225, 816	31.6	Canada—French.....	307, 786	2.2	370, 852	2.8
Central Europe.....	1, 656, 102	12.3	1, 608, 814	12.0	Other.....	810, 092	5.9	907, 569	6.8
Germany.....	1, 139, 978	8.3	1, 268, 583	9.5	Newfoundland.....	13, 242	.1	23, 971	.2
Poland.....	302, 430	2.6	491, 638	3.7	Mexico.....	3 478, 353	3.5	23, 743	.2
Czechoslovakia.....	575, 625	4.2	370, 914	2.8	Cuba.....	26, 359	.2	15, 944	.1
Austria.....	397, 232	2.9	274, 460	2.1	Other West Indies 4.....			15, 482	.1
Hungary.....	169, 347	1.2	211, 416	1.6	Central and South America.....	20, 929	.2	37, 569	.3
Yugoslavia.....	1, 893, 935	13.2	1, 671, 980	12.5	Other countries.....	67, 512	.5	73, 636	.6
Eastern Europe.....	1, 400, 480	10.2	1, 153, 624	8.6	Australia.....	10, 801	.1	12, 720	.1
Russia.....	20, 673	.2	20, 673	.2	Iceland.....	(?)	(?)	2, 764	(?)
Latvia.....	3, 550	(?)			Azores.....			35, 427	.3
Estonia.....	135, 008	1.0	193, 606	1.4	Other Atlantic Islands.....	38, 984	.3	4, 052	(?)
Lithuania.....	149, 824	1.1	142, 478	1.1	All other.....	17, 727	.1	18, 673	.1
Finland.....	102, 823	.7	146, 393	1.1					

<sup>1</sup> Iceland included with Denmark.

<sup>3</sup> Less than one-tenth of 1 percent.

<sup>2</sup> Made up largely of persons who would have been classified as Mexicans in 1930. See note 2, table 20.

<sup>4</sup> Except possessions of the United States.

No. 28.—POPULATION, FOREIGN-BORN WHITE, URBAN AND RURAL, BY COUNTRY OF BIRTH, CONTINENTAL UNITED STATES: 1930

COUNTRY OF BIRTH	Urban	Rural	Percent urban	COUNTRY OF BIRTH	Urban	Rural	Percent urban
Europe.....	9, 438, 609	2, 301, 515	80.4	Rumania.....	131, 405	14, 928	89.8
Northwestern Europe.....	2, 821, 351	902, 644	75.8	Bulgaria.....	7, 340	2, 053	78.2
England.....	641, 200	167, 472	79.3	Turkey in Europe.....	2, 158	99	95.6
Scotland.....	265, 541	58, 782	85.4	Southern Europe.....	1, 830, 701	282, 525	87.5
Wales.....	45, 968	14, 237	76.4	Greece.....	159, 370	15, 150	91.3
Northern Ireland.....	150, 782	28, 050	84.3	Italy.....	1, 673, 003	217, 421	87.9
Irish Free State.....	671, 727	73, 083	90.2	Spain.....	46, 181	12, 121	79.2
Norway.....	194, 936	152, 016	56.0	Portugal.....	52, 141	17, 833	74.5
Sweden.....	408, 032	187, 218	68.5	Other Europe.....	21, 739	3, 326	86.7
Denmark.....	107, 127	72, 347	59.7	Asia.....	142, 889	14, 691	90.7
Netherlands.....	80, 460	52, 667	60.4	Turkey in Asia.....	43, 272	3, 379	92.8
Belgium.....	47, 139	17, 058	73.4	Armenia.....	28, 829	3, 337	89.6
Luxemburg.....	5, 093	3, 355	62.9	Palestine and Syria.....	57, 357	6, 005	90.5
Switzerland.....	67, 918	45, 092	60.1	Other Asia.....	13, 431	1, 070	87.2
France.....	104, 865	30, 367	77.5	America.....	1, 092, 240	302, 824	78.3
Central Europe.....	3, 312, 860	912, 865	78.4	Canada—French.....	292, 564	78, 238	78.9
Germany.....	1, 176, 950	431, 864	73.2	Other.....	690, 174	211, 395	76.7
Poland.....	1, 096, 114	172, 469	86.4	Newfoundland.....	22, 021	1, 950	91.9
Czechoslovakia.....	348, 261	143, 377	70.8	Mexico.....	18, 596	5, 147	78.3
Austria.....	308, 482	62, 432	83.2	Cuba.....	15, 128	810	94.9
Hungary.....	228, 042	45, 808	83.3	Other West Indies 1.....	13, 960	1, 522	90.2
Yugoslavia.....	154, 501	50, 915	73.1	Can. and S. America.....	33, 803	3, 706	90.1
Eastern Europe.....	1, 451, 825	220, 155	86.8	Other countries.....	53, 118	20, 518	72.1
Russia.....	1, 041, 173	112, 451	90.3	Australia.....	10, 208	2, 512	80.3
Lithuania.....	18, 090	25, 516	86.8	Iceland.....	1, 348	1, 416	48.8
Latvia.....	18, 744	1, 929	90.7	Azores.....	23, 382	12, 645	66.0
Estonia.....	2, 932	563	84.0	Other Atlantic Islands.....	3, 427	625	84.6
Finland.....	79, 867	62, 611	56.1	All other.....	14, 733	3, 920	79.0

<sup>1</sup> Except possessions of the United States.

Source of tables 27 and 28: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. II.



No. 29.—POPULATION, FOREIGN-BORN WHITE, BY MOTHER TONGUE, CONTINENTAL UNITED STATES: 1920 AND 1930

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		PERCENT DISTRIBUTION		Per cent of increase, 1920-1930 <sup>1</sup>	MALE		FEMALE	
	1920	1930	1920	1930		1920	1930	1920	1930
Total.....	13,256,304	13,366,407	100.0	100.0	0.8	7,269,191	7,163,709	5,966,203	6,212,698
English and Celtic.....	3,007,932	3,097,021	22.7	23.2	3.0	1,464,067	1,433,363	1,562,965	1,613,058
Germanic:									
German.....	2,267,123	2,188,008	17.1	16.4	-3.5	1,209,610	1,153,415	1,057,518	1,034,591
Dutch.....	136,540	133,142	1.0	1.0	-2.5	78,243	77,409	58,297	55,733
Flemish.....	45,696	42,263	.8	.3	-7.5	26,620	23,707	19,070	18,550
Scandinavian:									
Swedish.....	643,203	615,465	4.9	4.6	-4.3	354,830	344,403	288,373	271,062
Norwegian.....	362,199	348,822	2.7	2.6	-4.0	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.....	1,624,098	1,808,289	12.3	13.5	11.3	667,394	1,053,056	657,604	755,233
French.....	406,956	523,297	3.5	3.9	12.1	240,400	262,446	226,556	260,851
Spanish.....	38,751	126,288	.7	.9	27.9	65,864	80,358	32,887	45,030
Portuguese.....	105,895	110,197	.8	.8	4.1	60,276	64,306	45,016	45,891
Rumanian.....	62,336	59,964	.5	.4	-8.0	38,841	33,111	23,495	23,853
Greek.....	174,658	189,066	1.3	1.4	8.2	142,477	138,780	32,181	50,286
Slavic and Lettic:									
Polish.....	1,077,392	935,899	8.1	7.2	-10.3	614,876	524,243	462,516	441,656
Czech.....	234,564	201,138	1.8	1.5	-14.3	121,482	101,425	113,082	99,713
Slovak.....	274,948	240,196	2.1	1.8	-12.6	160,617	129,357	114,331	110,830
Russian.....	392,049	318,721	3.0	2.4	-19.5	232,168	181,215	169,881	134,506
Ukrainian.....	55,672	9,890	.4	.1	23.0	33,254	5,350	22,418	4,450
Slovenian.....	20,437	77,671	.6	.6	-3.4	50,781	32,312	29,656	26,373
Croatian.....	35,175	79,821	.6	.6	-0.3	40,089	40,089	29,656	30,682
Serbian.....	40,609	30,121	.3	.2	-25.9	61,424	51,068	23,751	28,134
Bulgarian.....	12,853	12,128	.1	.1	-5.6	29,086	21,076	11,583	9,045
Wendish.....	2,039	1,372	—	—	-32.7	11,828	9,676	1,025	2,452
Lithuanian.....	—	7,690	—	—	—	1,061	6,072	978	700
Lettish.....	182,227	165,653	1.4	1.2	-5.3	112,557	90,164	69,670	68,880
Latvian.....	—	7,690	—	.1	—	—	4,383	—	3,207
Unclassified:									
Yiddish.....	1,001,820	1,222,658	8.2	0.1	12.0	570,030	621,809	521,790	600,849
Magyar.....	200,419	250,393	2.2	1.9	-13.8	161,140	129,775	120,279	120,618
Finnish.....	132,543	124,994	1.0	.9	-5.7	75,588	67,796	56,955	57,198
Estonian.....	1,024	2,809	—	—	174.3	742	1,920	282	889
Armenian.....	37,647	51,741	.3	.4	37.4	26,023	30,295	11,624	21,446
Arabic.....	57,557	67,830	.4	.5	17.8	35,492	39,978	22,065	27,852
Turkish.....	6,627	10,457	—	.1	57.8	5,253	6,911	1,374	3,546
Albanian.....	5,615	7,586	—	.1	37.6	4,818	5,604	697	1,082
All other.....	1,228	3,352	—	—	173.0	909	2,369	319	983
Unknown.....	7,166	42,233	.1	.3	480.4	4,448	22,348	2,718	19,885

<sup>1</sup> A minus sign (-) denotes a decrease.

<sup>2</sup> Corrected figures.

<sup>3</sup> Reported as "Slavic, not specified" in 1920 but practically all Wendish.

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

No. 30.—POPULATION, FOREIGN-BORN WHITE 21 YEARS OF AGE AND OVER—CITIZENSHIP STATUS, BY SEX, BY COUNTRY 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	Percent				Number	Percent		
1920, total.....	3,747,394	3,308,924	49.0	1,114,432	1,973,918	5,445,935	2,883,092	62.9	77,301	2,118,190
1930, total.....	3,797,494	4,217,576	62.0	926,454	1,435,309	5,840,149	3,409,860	68.4	291,982	1,907,528
EUROPE										
N. W. Europe:										
England.....	391,838	272,566	69.6	46,307	56,671	376,363	255,542	67.9	18,871	84,708
Scotland.....	163,588	96,710	59.1	31,062	29,992	154,249	84,019	54.5	11,559	52,398
Wales.....	30,046	23,156	76.6	2,952	3,127	26,530	20,488	77.2	953	3,703
Northern Ireland.....	78,114	56,247	72.0	9,046	9,360	93,971	63,806	67.9	4,703	20,677
Irish Free State.....	316,731	222,612	70.3	39,530	38,017	404,515	260,098	65.8	23,655	89,530
Norway.....	191,248	135,482	70.8	23,295	20,173	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	2,075	9,947
Iceland.....	1,358	939	69.1	188	179	1,351	985	69.2	4	291
Netherlands.....	73,288	50,305	68.6	9,332	11,307	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	361	3,509	2,761	78.7	158	435
Switzerland.....	62,951	42,521	67.5	7,843	10,052	46,530	32,447	69.7	2,465	9,408
France.....	63,246	41,637	65.8	6,589	12,268	66,034	41,644	63.1	3,053	18,263
Central Europe:										
Germany.....	813,294	588,295	72.3	108,098	87,696	734,959	534,407	72.7	46,037	121,694
Poland.....	656,348	303,922	46.4	110,597	169,496	500,282	252,427	45.1	80,238	264,097
Czechoslovakia.....	246,763	159,915	64.8	33,703	47,975	226,989	134,209	60.1	10,220	75,893
Austria.....	188,700	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	24,640	39,562	75,706	33,747	44.6	4,404	35,867
Eastern Europe:										
Russia.....	589,065	398,290	67.6	67,378	107,518	514,400	295,915	57.5	22,071	178,518
Latvia.....	10,687	7,132	66.7	1,559	1,773	9,187	5,132	55.9	584	3,214
Estonia.....	2,202	1,052	45.9	651	581	1,078	410	38.9	174	444
Lithuania.....	109,228	55,700	51.1	18,511	32,631	80,821	34,326	43.1	4,081	39,915
Finland.....	75,331	38,033	50.5	12,204	23,323	63,561	33,549	52.8	3,306	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	1,806	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.....	125,019	62,649	49.9	22,701	36,516	41,717	12,825	30.7	2,158	25,940
Albania.....	6,140	2,227	36.2	1,386	2,306	1,913	360	18.8	98	1,410
Italy.....	986,531	545,729	55.3	119,191	290,015	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	11,900	4,327	36.3	604	6,079
Palestine.....	3,106	1,907	61.4	488	596	1,981	1,083	54.7	124	684
Syria.....	30,094	17,997	58.1	4,707	7,449	23,131	9,876	42.7	1,082	11,856
Turkey in Asia.....	26,525	14,582	55.0	4,709	6,651	16,809	5,701	33.9	994	9,583
Other Asia.....	8,658	3,533	40.8	1,751	3,016	4,305	2,038	46.4	339	1,789
AMERICA										
Canada—French.....	167,493	86,019	51.4	22,209	53,572	161,660	81,177	60.2	6,633	67,570
Canada—Other.....	364,192	204,447	56.0	53,096	84,451	409,098	245,777	60.1	21,963	116,894
Newfoundland.....	10,177	4,239	41.7	2,256	3,268	10,914	4,504	41.3	832	4,095
Cuba.....	7,734	1,681	21.7	566	4,844	5,157	1,886	26.9	92	3,300
Other West Indies 2.....	6,071	3,642	59.9	932	1,910	7,042	3,024	42.9	458	2,888
Mexico.....	10,471	2,057	19.6	794	6,085	8,672	2,732	31.5	229	4,940
Central and South America.....	18,052	5,359	29.7	3,128	8,563	11,089	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	5,026	3,488	62.0	200	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	513
Pacific Islands.....	2,104	1,179	56.0	310	468	1,795	1,056	58.8	109	808
All other 4.....	3,406	1,635	48.0	119	310	2,516	1,513	60.1	87	281

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.

No. 31.—POPULATION 21 YEARS OF AGE AND OVER, BY RACE, NATIVITY,

DIVISION AND STATE	PERSONS 21 YEARS OF AGE AND OVER						
	All classes			Native white			
	Total	Male	Female	Total		Native parentage	
				Male	Female	Male	Female
Continental U. S. ....	72, 843, 624	37, 056, 767	35, 886, 867	26, 418, 580	26, 343, 811	18, 267, 937	18, 858, 829
New England .....	5, 005, 074	2, 481, 494	2, 523, 580	1, 566, 813	1, 712, 944	892, 269	920, 880
Maine .....	487, 125	244, 320	242, 805	197, 844	197, 048	153, 689	151, 079
New Hampshire .....	294, 055	145, 551	145, 504	106, 610	106, 812	71, 515	72, 236
Vermont .....	226, 428	112, 374	108, 054	92, 231	90, 440	68, 922	70, 047
Massachusetts .....	2, 656, 487	1, 287, 979	1, 368, 517	787, 645	868, 305	384, 051	414, 003
Rhode Island .....	421, 167	202, 029	219, 168	120, 480	133, 911	54, 159	57, 644
Connecticut .....	985, 782	489, 250	496, 532	291, 803	313, 340	149, 303	156, 071
Middle Atlantic .....	16, 311, 742	8, 189, 533	8, 122, 209	5, 204, 885	5, 423, 528	3, 217, 491	3, 279, 158
New York .....	8, 142, 851	4, 078, 340	4, 064, 511	2, 366, 059	2, 480, 405	1, 284, 255	1, 309, 156
New Jersey .....	2, 512, 112	1, 261, 238	1, 250, 814	773, 069	807, 451	442, 163	450, 191
Pennsylvania .....	5, 656, 779	2, 849, 895	2, 806, 884	2, 064, 557	2, 135, 670	1, 491, 075	1, 522, 811
East North Central .....	15, 685, 265	8, 057, 827	7, 627, 438	6, 013, 332	6, 948, 338	4, 082, 748	3, 899, 207
Ohio .....	4, 132, 251	2, 095, 788	2, 036, 468	1, 651, 202	1, 667, 026	1, 261, 525	1, 247, 068
Indiana .....	2, 003, 019	1, 016, 313	986, 700	808, 602	804, 572	769, 272	760, 552
Illinois .....	4, 841, 768	2, 469, 933	2, 371, 776	1, 707, 070	1, 728, 009	1, 028, 559	1, 014, 262
Michigan .....	2, 930, 409	1, 558, 021	1, 381, 388	1, 055, 413	988, 704	648, 349	631, 925
Wisconsin .....	1, 768, 158	917, 722	851, 106	701, 045	680, 024	314, 588	295, 400
West North Central .....	8, 000, 438	4, 104, 361	3, 896, 072	3, 388, 837	3, 315, 275	2, 229, 203	2, 161, 565
Minnesota .....	1, 537, 083	797, 960	740, 023	577, 121	568, 332	227, 425	215, 765
Iowa .....	1, 506, 129	765, 803	740, 266	608, 240	602, 304	443, 075	435, 426
Missouri .....	2, 269, 057	1, 137, 503	1, 132, 154	980, 255	991, 121	802, 002	797, 037
North Dakota .....	358, 182	196, 028	192, 154	134, 504	116, 807	47, 098	40, 420
South Dakota .....	385, 898	207, 413	178, 305	164, 395	145, 621	53, 798	73, 155
Nebraska .....	512, 450	419, 139	393, 311	349, 159	336, 300	216, 777	207, 300
Kansas .....	1, 130, 224	580, 465	549, 700	513, 197	494, 730	406, 448	392, 422
South Atlantic .....	6, 416, 539	4, 188, 568	4, 231, 771	2, 941, 028	2, 964, 483	2, 758, 634	2, 768, 881
Delaware .....	143, 792	70, 058	72, 734	50, 450	56, 235	48, 222	47, 452
Maryland .....	996, 628	500, 549	496, 379	360, 039	374, 802	300, 548	302, 820
District of Columbia .....	341, 465	160, 806	160, 650	103, 713	120, 223	94, 180	96, 090
Virginia .....	1, 300, 893	650, 357	650, 536	474, 388	473, 819	456, 032	457, 435
West Virginia .....	900, 987	477, 779	429, 208	402, 416	382, 477	381, 014	361, 021
North Carolina .....	1, 842, 125	753, 445	783, 080	549, 843	558, 366	544, 081	552, 915
South Carolina .....	810, 394	395, 234	424, 150	232, 780	237, 315	228, 570	232, 943
Georgia .....	1, 408, 507	731, 490	767, 077	474, 735	482, 159	404, 741	471, 045
Florida .....	866, 198	438, 847	427, 351	280, 017	279, 027	249, 815	245, 060
East South Central .....	5, 220, 520	2, 602, 304	2, 618, 222	1, 884, 478	1, 876, 187	1, 814, 288	1, 797, 378
Kentucky .....	1, 422, 454	718, 286	704, 148	635, 137	625, 417	537, 498	531, 238
Tennessee .....	1, 418, 144	701, 194	716, 950	502, 170	571, 321	548, 020	556, 542
Alabama .....	1, 348, 401	668, 742	681, 609	427, 670	425, 858	415, 719	417, 814
Mississippi .....	1, 031, 547	510, 082	515, 045	269, 441	254, 071	252, 451	242, 052
West South Central .....	6, 611, 094	3, 391, 930	3, 219, 164	2, 487, 846	2, 353, 497	2, 278, 927	2, 149, 292
Arkansas .....	968, 231	494, 049	473, 282	350, 862	340, 696	346, 077	328, 210
Louisiana .....	1, 134, 852	560, 008	567, 944	341, 731	340, 854	300, 530	299, 897
Oklahoma .....	1, 287, 131	673, 398	613, 733	580, 864	535, 781	546, 310	499, 583
Texas .....	3, 220, 880	1, 650, 078	1, 564, 205	1, 199, 389	1, 136, 168	1, 040, 016	1, 021, 821
Mountain .....	2, 108, 221	1, 142, 751	965, 470	808, 977	769, 280	628, 341	548, 309
Montana .....	318, 611	181, 494	197, 117	131, 757	106, 511	80, 613	62, 638
Idaho .....	240, 770	130, 212	110, 558	115, 088	98, 072	53, 006	70, 067
Wyoming .....	132, 954	77, 205	55, 749	60, 048	46, 890	45, 284	33, 901
Colorado .....	323, 523	323, 223	300, 239	255, 941	248, 348	191, 146	182, 227
New Mexico .....	210, 956	115, 667	101, 280	88, 476	79, 217	81, 708	72, 707
Arizona .....	244, 115	133, 401	109, 714	79, 927	60, 763	66, 128	54, 440
Utah .....	264, 498	136, 660	127, 638	110, 074	105, 783	63, 541	60, 242
Nevada .....	60, 794	37, 633	23, 206	25, 066	17, 040	16, 915	11, 487
Pacific .....	5, 485, 930	2, 802, 369	2, 592, 941	2, 036, 484	1, 980, 351	1, 418, 038	1, 384, 661
Washington .....	1, 010, 167	545, 410	464, 757	394, 969	362, 415	264, 735	236, 039
Oregon .....	631, 376	331, 632	289, 570	265, 741	246, 006	196, 171	177, 399
California .....	3, 804, 388	2, 025, 774	1, 898, 614	1, 376, 774	1, 371, 930	956, 130	921, 223

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. III.

PARENTAGE, AND 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							Male	Female		
7,160,643	7,484,982	6,797,494	5,840,149	3,235,441	3,296,498	605,242	406,400	25,859,207	U. S.		
714,344	792,564	861,225	870,489	29,596	20,175	4,061	972	1,622,846	N. E.		
44,155	45,067	45,712	45,179	391	322	373	258	145,948	Mo.		
35,095	37,576	38,457	38,512	409	157	76	23	86,104	N. H.		
23,309	23,493	19,906	17,481	197	122	40	11	63,317	Vt.		
402,964	453,492	481,255	513,156	16,408	16,492	2,664	474	851,432	Mass.		
66,321	76,267	78,324	82,124	2,937	3,015	288	118	136,268	R. I.		
142,500	156,669	187,571	174,937	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	1,174,240	1,556,419	1,433,682	140,078	140,988	15,184	3,436	2,804,157	N. Y.		
331,606	367,260	419,503	376,920	65,750	60,146	2,286	288	888,090	N. J.		
573,482	612,860	636,335	570,358	144,324	133,031	4,670	825	1,980,825	Pa.		
1,989,684	2,049,131	1,679,021	1,368,856	325,519	295,717	39,955	14,597	5,527,666	E. N. C.		
389,677	419,958	335,484	275,005	105,736	93,555	3,366	817	1,414,197	Ohio.		
128,875	134,020	73,845	55,189	38,250	35,392	5,616	1,553	555,223	Ind.		
668,511	708,747	630,727	531,973	115,261	111,431	16,935	5,302	1,722,268	Ill.		
407,064	401,782	430,934	341,492	162,139	52,207	9,535	3,082	1,116,669	Mich.		
386,457	384,624	208,031	165,137	4,133	3,132	4,503	2,813	618,279	Wis.		
1,157,734	1,163,710	577,050	454,477	113,497	108,278	28,877	18,042	2,719,748	W. N. C.		
346,606	352,567	212,901	165,459	3,690	3,115	4,158	3,117	533,059	Minn.		
224,271	226,938	90,027	71,085	6,010	5,320	1,580	807	491,186	Iowa.		
177,653	194,024	78,726	65,350	75,937	74,520	2,585	1,163	742,498	Mo.		
86,506	76,387	58,925	43,383	177	101	2,362	1,863	139,758	N. Dak.		
80,417	72,486	36,889	27,288	239	181	5,893	5,305	145,191	S. Dak.		
132,382	129,000	61,942	50,502	4,067	4,554	3,071	1,655	289,346	Neb.		
106,749	102,308	37,553	30,810	22,477	20,487	7,228	3,742	381,713	Kans.		
182,304	195,602	162,775	126,484	1,073,366	1,136,675	6,399	4,129	3,055,876	S. A.		
8,228	8,783	8,874	7,223	10,699	9,270	65	6	50,728	Dal.		
66,138	72,042	48,310	42,850	84,881	78,583	63	7	350,937	Md.		
19,532	23,533	14,970	13,525	41,684	40,804	542	104	113,070	D. C.		
17,626	16,384	13,137	9,608	162,285	166,035	547	174	667,068	Va.		
21,402	21,456	31,425	17,263	37,731	20,424	207	44	345,086	W. Va.		
5,162	5,451	4,833	3,457	200,355	218,620	3,414	3,237	567,065	N. C.		
4,210	4,372	2,906	2,026	159,190	184,598	266	211	390,681	S. C.		
9,904	10,514	7,859	5,465	248,683	279,404	213	40	552,284	Ga.		
30,202	33,097	30,362	25,058	127,988	123,037	480	229	308,700	Fla.		
70,190	78,791	32,297	23,280	694,048	718,097	1,481	766	1,876,659	E. S. C.		
37,699	44,170	11,977	9,219	71,020	69,483	82	29	407,090	Ky.		
13,550	14,779	7,116	5,380	131,776	140,198	132	61	564,707	Tenn.		
11,951	12,774	8,009	6,136	229,903	250,047	170	118	491,568	Ala.		
0,000	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	104,664	174,481	2,546,615	W. S. C.		
13,785	12,480	5,900	4,051	128,705	128,335	392	200	356,330	Ark.		
36,201	40,067	19,810	13,952	203,259	211,788	2,090	1,350	432,006	La.		
40,548	30,423	15,178	10,852	48,364	45,798	22,992	21,302	600,673	Okla.		
119,385	114,345	53,646	41,232	234,459	235,178	169,181	151,629	1,267,000	Tex.		
238,636	220,921	164,172	112,222	11,886	9,545	99,716	74,473	790,317	Mont.		
51,144	43,873	43,218	26,435	559	402	5,060	3,766	118,622	Idaho.		
32,082	27,405	18,283	10,901	101	208	2,531	1,377	91,213	Wyo.		
15,364	12,989	12,028	6,817	560	402	1,640	3,990	59,445	Colo.		
64,795	66,121	46,667	36,093	4,189	4,381	16,427	11,477	213,703	N. Mex.		
8,768	6,510	4,641	2,808	981	787	21,560	18,387	85,233	Ariz.		
13,799	12,323	8,684	5,811	4,591	2,816	40,899	34,324	99,738	Utah.		
46,533	45,547	21,073	19,743	454	352	4,459	1,654	101,780	Nev.		
8,151	6,153	3,378	3,521	242	197	3,002	1,848	23,583			
620,448	645,690	624,064	466,255	32,501	31,837	209,940	114,468	1,990,998	Pac.		
130,234	126,376	134,568	93,605	2,895	2,166	12,978	6,481	345,137	Wash.		
69,570	68,607	69,004	40,260	978	730	6,082	2,565	206,921	Oreg.		
420,644	450,707	430,492	332,330	28,628	28,982	190,880	105,422	1,338,850	Calif.		

NOTE.—For totals for all ages, see table 7. 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
Continental U. S.	11,444,380	12,607,600	12,004,877	11,562,115	10,870,378	9,833,608	9,120,421	9,208,646
New England	689,782	768,842	761,565	715,582	657,383	605,870	601,804	626,368
Maine	75,037	79,727	74,001	68,033	60,575	53,110	52,013	52,853
New Hampshire	39,350	43,543	42,028	38,822	34,867	31,562	31,759	32,472
Vermont	33,232	34,765	33,713	31,371	27,829	24,500	23,415	23,782
Massachusetts	349,640	390,657	337,003	366,149	345,573	324,135	321,490	335,441
Rhode Island	59,624	67,620	64,744	62,414	56,677	51,000	51,874	52,009
Connecticut	132,899	152,530	160,046	148,123	131,862	120,783	121,144	129,721
Middle Atlantic	2,214,805	2,470,204	2,447,262	2,354,216	2,339,339	2,187,974	2,116,881	2,138,190
New York	989,204	1,084,839	1,075,180	1,071,313	1,030,222	1,122,879	1,081,129	1,072,885
New Jersey	320,668	380,918	384,342	364,396	360,402	332,810	331,332	338,222
Pennsylvania	865,843	1,004,447	984,764	918,507	813,908	732,285	703,420	722,583
East North Central	2,208,821	2,414,163	2,334,961	2,227,213	2,167,732	2,063,777	1,969,728	2,011,235
Ohio	673,164	639,272	612,768	578,133	564,253	523,558	505,940	523,088
Indiana	285,030	314,917	297,068	284,714	266,101	245,772	232,850	234,981
Illinois	615,826	681,782	683,189	676,053	675,072	663,160	621,798	638,904
Michigan	463,441	486,970	455,469	416,880	418,202	415,964	391,854	396,392
Wisconsin	271,360	291,222	286,477	271,427	244,104	225,333	217,286	217,780
West North Central	1,205,821	1,326,781	1,287,817	1,241,668	1,133,913	1,005,818	954,553	965,954
Minnesota	231,001	250,751	253,788	230,046	214,432	193,469	189,709	192,932
Iowa	220,277	242,963	235,820	223,542	201,167	180,357	174,929	177,801
Missouri	306,862	330,137	325,058	326,555	313,650	287,176	267,002	271,868
North Dakota	75,726	78,119	79,886	75,343	61,853	48,988	43,341	42,931
South Dakota	71,324	77,061	75,302	69,609	60,584	50,745	48,122	48,278
Nebraska	130,337	141,487	135,339	132,100	120,788	104,370	99,601	99,811
Kansas	171,004	190,343	181,034	174,573	162,439	140,513	131,853	132,451
South Atlantic	1,714,963	1,906,741	1,757,877	1,679,410	1,482,586	1,217,768	1,050,267	1,047,428
Delaware	19,283	22,321	22,014	21,173	20,122	18,241	17,857	18,221
Maryland	144,629	162,656	152,613	145,804	145,840	132,248	124,368	124,305
Dist. of Columbia	32,304	36,624	32,712	35,800	48,387	48,120	45,095	43,587
Virginia	257,138	291,875	269,626	255,757	217,603	176,938	156,596	158,211
West Virginia	207,087	220,366	193,265	175,834	153,487	130,593	116,803	112,145
North Carolina	301,160	427,112	382,208	360,040	304,847	239,021	197,171	188,488
South Carolina	205,076	240,750	222,808	211,345	166,354	120,468	98,869	104,700
Georgia	316,404	353,910	338,860	334,836	288,120	222,930	183,399	186,959
Florida	141,832	152,127	142,881	138,215	137,814	128,200	110,119	110,752
East South Central	1,122,861	1,203,971	1,092,200	1,061,198	929,003	759,890	635,006	631,873
Kentucky	292,866	316,231	280,238	258,156	221,661	180,040	171,188	169,932
Tennessee	281,818	306,629	280,178	276,437	248,619	203,213	172,774	171,956
Alabama	318,882	331,713	303,440	294,168	259,391	208,954	164,833	163,991
Mississippi	234,295	249,308	228,344	222,402	199,362	158,723	126,211	125,093
West South Central	1,314,952	1,425,421	1,296,077	1,280,180	1,162,732	1,023,872	864,409	837,631
Arkansas	208,709	225,828	211,013	202,734	175,308	141,422	116,776	119,092
Louisiana	230,638	248,187	227,631	217,602	206,466	178,953	148,247	146,637
Oklahoma	204,537	285,846	258,030	252,755	230,891	197,256	168,737	160,672
Texas	611,168	665,560	599,403	607,069	580,037	506,241	430,649	411,170
Mountain	368,666	408,579	382,579	362,747	320,176	280,076	259,569	268,506
Montana	46,203	53,692	56,366	50,135	43,753	38,195	35,476	40,550
Idaho	45,814	50,070	49,840	44,565	37,458	31,028	29,059	30,111
Wyoming	22,495	24,697	21,760	20,162	20,445	18,489	18,130	18,808
Colorado	95,070	104,789	98,940	95,132	86,013	77,310	74,191	77,337
New Mexico	53,853	55,694	46,346	43,135	37,797	32,332	27,984	28,517
Arizona	50,087	50,457	42,801	39,981	40,453	37,633	33,450	32,930
Utah	59,201	62,239	59,384	52,762	46,072	37,333	33,967	32,472
Nevada	7,123	7,850	7,062	6,875	7,285	7,756	7,312	7,762
Pacific	589,076	682,927	645,179	649,976	683,514	688,733	669,214	668,473
Washington	114,854	190,013	138,393	137,922	130,401	120,651	115,448	122,833
Oregon	65,858	81,620	82,060	83,370	77,036	72,053	71,102	75,019
California	408,367	465,394	424,126	428,684	475,127	466,029	482,664	488,620

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

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Division of urban and rural population, see table 21, p. 20

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	Un-known	
7,890,195	7,042,279	6,975,804	4,645,677	3,751,221	2,770,805	1,950,004	1,106,390	554,676	272,130	94,022	1
566,446	501,059	443,176	372,375	311,630	239,017	159,133	91,652	46,417	24,071	5,159	2
48,339	46,757	43,589	33,941	35,537	26,549	20,071	12,554	6,407	3,435	691	3
29,081	28,113	26,676	24,068	20,548	16,846	12,506	7,428	3,735	2,045	244	4
21,794	20,430	20,038	17,620	14,300	11,498	9,318	5,830	2,978	1,629	118	5
206,004	245,110	234,252	197,278	159,330	117,805	78,842	44,273	21,897	11,578	3,048	6
46,568	42,181	37,262	30,280	24,984	17,398	11,621	6,441	3,018	1,476	221	7
114,060	97,558	81,604	64,170	53,241	40,127	26,775	15,126	7,382	3,909	937	8
1,851,303	1,587,001	1,334,124	1,035,773	830,598	600,469	403,506	220,204	102,584	49,889	18,344	9
172,958	170,661	165,197	154,264	140,041	103,447	195,698	105,162	48,984	24,064	10,566	10
291,871	246,338	205,434	157,128	124,076	85,449	58,051	31,432	14,797	7,414	2,704	11
634,474	569,952	473,565	374,381	290,881	216,873	148,837	83,610	38,803	18,405	6,074	12
1,767,837	1,515,815	1,262,141	1,004,593	826,273	634,007	448,113	253,427	120,784	59,335	17,550	13
458,317	406,046	344,777	275,183	224,168	170,465	123,143	71,313	33,727	16,188	3,187	14
213,101	194,779	170,033	143,300	120,800	94,361	69,147	40,664	19,407	9,118	2,269	15
557,637	470,373	393,103	298,912	246,310	183,196	123,566	66,215	31,751	16,345	7,383	16
334,001	275,459	221,237	171,220	137,294	106,038	75,079	43,087	20,731	9,959	2,875	17
104,881	168,758	142,987	115,965	97,731	79,947	57,178	32,148	15,058	7,728	1,636	18
867,039	769,849	661,684	543,720	451,101	353,721	267,853	149,457	75,211	38,959	7,237	19
172,938	147,143	122,171	100,813	84,872	69,079	48,269	26,628	12,693	6,264	968	20
157,635	144,003	126,366	107,590	92,345	72,943	54,233	32,088	16,305	8,670	1,242	21
212,356	220,334	194,067	158,405	131,780	99,311	71,878	41,648	21,064	10,024	2,789	22
39,599	35,337	29,235	22,427	17,123	13,019	9,132	4,926	2,189	1,037	393	23
44,205	37,499	30,280	23,048	18,302	13,011	11,058	6,294	2,949	1,403	376	24
89,856	76,815	64,691	52,041	42,783	34,431	25,525	14,834	7,583	3,821	719	25
120,437	107,622	95,816	78,789	63,848	49,727	37,791	23,039	12,431	6,480	1,750	26
873,082	763,598	690,506	498,869	393,400	278,068	201,837	116,562	57,216	30,266	13,436	27
15,949	14,160	13,001	10,829	8,578	6,844	4,887	2,803	1,338	716	138	28
107,367	94,879	82,490	64,070	52,601	39,292	27,419	15,430	7,353	3,478	3,806	29
36,326	32,674	28,722	21,009	16,958	11,712	7,694	4,315	2,265	1,267	1,782	30
136,024	125,067	110,723	82,953	65,138	45,035	34,815	20,321	10,212	5,395	1,184	31
94,045	85,308	70,728	53,548	41,530	29,675	21,197	12,868	6,147	3,153	733	32
163,231	137,981	120,365	85,539	63,743	46,085	34,833	20,070	9,820	5,157	2,119	33
46,589	38,138	30,371	22,365	16,173	12,596	8,845	4,437	4,670	2,616	592	34
151,156	133,154	131,455	44,318	36,173	22,596	16,845	9,437	4,670	2,616	592	34
91,775	81,647	67,965	51,589	40,757	29,785	20,709	11,717	5,847	3,144	1,237	35
522,777	493,867	435,818	318,979	247,038	175,781	128,018	75,745	37,994	20,382	7,091	37
145,945	133,430	119,940	90,150	70,270	57,870	41,769	24,518	11,881	6,084	1,388	38
141,554	128,582	124,300	85,015	68,211	48,478	34,880	20,416	10,160	5,102	3,625	39
130,871	138,403	100,459	73,710	55,043	39,240	26,184	17,243	8,668	4,899	1,269	40
103,407	93,452	84,910	58,406	46,597	30,187	22,176	13,568	7,215	4,297	809	41
685,835	613,304	499,120	372,852	282,875	192,729	141,073	83,978	40,862	22,155	6,813	42
94,025	90,409	79,352	59,439	44,001	29,686	22,341	13,255	6,448	3,530	778	43
118,615	107,576	85,856	62,463	46,358	30,924	21,400	13,029	6,382	4,115	806	44
132,077	114,124	99,006	76,782	56,400	39,676	28,582	16,648	7,983	3,999	1,030	45
336,108	295,199	235,177	174,168	136,116	92,143	68,710	41,040	20,049	10,511	4,191	46
242,207	210,696	172,397	132,099	106,588	78,430	52,685	29,643	13,122	6,716	2,432	47
42,127	35,634	27,834	20,625	16,580	12,323	7,911	3,031	1,688	847	337	48
28,413	25,230	21,243	16,419	13,258	9,730	6,029	3,484	1,668	799	214	49
16,281	13,013	10,243	7,358	5,409	3,985	2,502	1,336	565	225	178	50
60,330	62,302	53,363	42,608	35,427	26,883	18,190	10,011	4,534	2,169	701	51
22,890	19,703	15,631	12,693	10,250	7,274	4,664	2,750	1,314	823	204	52
27,063	23,295	18,113	13,037	9,921	6,650	4,473	2,613	1,250	773	525	53
28,713	24,693	20,262	15,230	12,571	9,503	6,846	3,756	1,702	858	223	54
7,400	6,823	5,048	4,128	3,170	2,079	1,360	762	392	221	50	55
693,580	567,490	478,968	368,418	301,732	228,385	157,806	86,732	41,576	20,471	16,161	56
118,105	103,280	90,223	69,260	57,630	44,440	30,075	16,110	7,329	3,549	1,980	57
71,076	65,083	55,296	43,869	36,040	28,199	20,167	11,139	5,366	2,461	442	58
443,499	393,647	331,719	255,289	207,562	155,746	107,564	59,473	28,881	14,461	13,789	59

## No. 33.—POPULATION, BY AGE GROUPS—PERCENT DISTRIBUTION, BY STATES: 1930

NOTE.—Percentages are based on figures in table 32

DIVISION AND STATE	PERCENT 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 U. S.	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	8.8	7.6	6.7	6.6	6.6	6.1	5.9	5.5	4.9	4.2	3.3	2.5	2.8	
New Hampshire	8.5	9.4	9.0	8.3	7.5	6.8	6.8	7.0	6.4	6.0	5.7	5.2	4.4	3.4	2.7	2.8	
Vermont	9.2	9.7	9.4	8.7	7.7	6.8	6.5	6.6	6.1	5.9	5.6	4.9	4.2	3.2	2.6	2.9	
Massachusetts	8.2	9.2	9.1	8.6	8.1	7.6	7.6	7.9	7.0	6.2	5.5	4.6	3.7	2.8	1.9	1.8	
Rhode Island	8.7	9.8	9.4	9.1	8.2	7.5	7.5	7.6	6.8	6.1	5.4	4.4	3.6	2.5	1.7	1.6	
Connecticut	8.3	9.5	10.0	9.2	8.2	7.5	7.5	8.1	7.1	6.1	5.1	4.0	3.6	2.5	1.7	1.6	
Middle Atlantic	8.4	9.4	9.3	9.0	8.8	8.3	8.1	8.1	7.0	6.0	5.1	3.9	3.2	2.3	1.5	1.4	
New York	7.9	8.6	8.6	8.5	9.0	8.9	8.6	8.5	7.3	6.2	5.2	4.0	3.2	2.3	1.6	1.4	
New Jersey	8.2	9.4	9.5	9.0	8.7	8.2	8.2	8.4	7.2	6.1	5.1	3.9	3.1	2.2	1.5	1.3	
Pennsylvania	9.3	10.4	10.2	9.5	8.5	7.6	7.3	7.5	6.6	5.8	4.9	3.9	3.1	2.3	1.5	1.5	
E. North Central	8.7	9.5	9.2	8.8	8.6	8.2	7.8	8.0	6.9	6.0	5.0	4.0	3.3	2.5	1.8	1.7	
Ohio	8.6	9.6	9.2	8.7	8.5	7.9	7.6	7.9	6.9	6.1	3.7	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	6.0	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	1.6	
Michigan	9.6	10.1	9.4	8.6	8.6	8.6	8.1	8.2	6.9	5.7	4.6	3.5	2.8	2.2	1.6	1.5	
Wisconsin	9.2	9.9	9.7	9.2	8.3	7.7	7.4	7.4	6.6	5.7	4.9	3.9	3.3	2.7	3.3	1.9	
W. North Central	9.1	10.0	9.7	9.3	8.5	7.8	7.2	7.3	6.5	5.8	5.0	4.1	3.4	2.7	1.9	2.0	
Minnesota	9.0	10.0	9.9	9.4	8.4	7.5	7.4	7.5	6.7	5.7	4.8	3.9	3.3	2.7	1.9	1.8	
Iowa	8.9	9.8	9.5	9.0	8.1	7.3	7.1	7.2	6.4	5.9	5.1	4.3	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	2.2	
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	1.0	
South Dakota	10.3	11.3	10.9	10.0	8.0	7.3	6.9	7.0	6.4	5.4	4.4	3.4	2.7	2.2	1.8	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	10.8	9.4	7.7	6.6	6.6	5.5	5.0	4.4	3.2	2.5	1.8	1.3	1.3	
Delaware	8.1	9.4	8.5	8.9	8.4	7.7	7.5	7.6	6.7	5.9	5.5	4.2	3.6	2.9	2.1	2.1	
Maryland	8.9	10.0	9.4	8.9	8.9	8.1	7.6	7.6	6.6	5.8	5.1	4.0	3.2	2.4	1.7	1.6	
Dist. of Col.	6.6	7.3	6.7	7.4	9.9	9.9	9.3	9.0	7.6	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	5.0	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	
N. 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	
S. Carolina	11.8	13.8	12.8	12.2	10.6	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	8.4	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	10.0	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	9.3	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	10.8	10.5	9.8	8.4	7.1	6.9	5.8	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	7.8	6.3	6.4	5.3	5.2	4.3	3.2	2.4	1.6	1.2	1.3	
Louisiana	11.0	11.8	10.8	10.4	9.8	8.5	7.1	7.0	5.6	5.1	4.1	3.0	2.2	1.5	1.0	1.1	
Oklahoma	11.0	11.9	10.8	10.5	9.6	8.2	7.0	6.7	5.0	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	6.5	7.8	6.6	5.2	3.8	3.1	2.3	1.5	1.2	
Idaho	10.3	10.3	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	16.0	10.7	8.6	8.9	9.1	8.2	8.0	8.3	7.2	5.8	4.5	3.3	2.4	1.8	1.1	.9	
Colorado	9.2	10.1	9.5	9.2	8.4	7.5	7.2	7.5	6.7	6.0	5.2	4.1	3.4	2.6	1.8	1.6	
New Mexico	12.7	13.0	10.9	10.2	8.9	7.6	6.6	7.0	5.4	4.7	3.7	3.0	2.4	1.7	1.1	1.2	
Arizona	11.5	11.6	9.8	9.2	9.3	8.6	7.7	7.6	6.2	5.3	4.2	3.0	2.3	1.5	1.0	1.1	
Utah	11.7	12.3	11.7	10.4	9.1	7.4	6.7	6.4	5.7	4.9	4.0	3.0	2.5	1.9	1.3	1.2	
Nevada	7.8	8.6	7.8	7.6	8.0	8.4	8.0	8.5	8.1	7.5	6.2	4.5	3.5	2.3	1.5	1.6	
Pacific	7.2	8.3	7.9	7.9	8.3	8.4	8.2	8.4	7.7	6.9	5.8	4.5	3.7	2.9	1.9	1.8	
Washington	7.3	8.7	8.9	8.8	8.3	7.7	7.4	7.9	7.0	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: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. II.

No. 34.—POPULATION, BY RACE, NATIVITY, PARENTAGE, AND SEX, BY AGE GROUPS, CENTENAL UNITED STATES: 1930

AGE GROUP	ALL CLASSES <sup>1</sup>				1930			
	1900	1910	1920	1930	Native white		Foreign-born white	Negro
					Native parentage	Foreign or mixed parentage		
NUMBER								
All ages.....	75, 994, 575	91, 972, 268	105, 710, 620	122, 775, 048	70, 136, 614	25, 861, 186	13, 366, 407	11, 891, 143
Under 5 years.....	9, 170, 628	10, 631, 364	11, 573, 230	11, 444, 369	7, 939, 165	1, 960, 445	27, 788	1, 230, 206
Under 1 year.....	1, 916, 822	2, 217, 512	2, 267, 255	2, 190, 791	1, 549, 340	345, 962	7, 423	232, 373
5 to 9 years.....	8, 874, 123	9, 780, 632	11, 393, 075	12, 607, 609	8, 321, 038	2, 513, 315	121, 691	1, 868, 881
10 to 14 years.....	8, 080, 234	9, 107, 140	10, 641, 137	12, 004, 877	7, 528, 852	2, 870, 194	147, 739	1, 251, 642
15 to 19 years.....	7, 556, 089	9, 003, 093	9, 430, 550	11, 652, 115	6, 932, 603	2, 854, 451	324, 630	1, 250, 523
20 to 24 years.....	7, 335, 010	9, 066, 964	9, 277, 021	10, 870, 378	6, 365, 607	2, 448, 569	661, 922	1, 203, 191
25 to 29 years.....	6, 520, 441	8, 180, 003	9, 086, 491	9, 833, 008	5, 609, 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, 393, 100	7, 775, 281	9, 203, 645	4, 675, 975	1, 876, 978	1, 631, 637	890, 900
40 to 44 years.....	4, 247, 133	5, 267, 537	6, 345, 537	7, 690, 195	3, 863, 253	1, 551, 079	1, 694, 176	687, 423
45 to 49 years.....	3, 454, 612	4, 469, 197	5, 763, 620	7, 042, 279	3, 454, 299	1, 303, 470	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, 540, 124	4, 646, 677	2, 300, 842	963, 652	1, 028, 613	369, 397
60 to 64 years.....	1, 701, 363	2, 207, 150	2, 832, 548	3, 751, 221	1, 821, 621	744, 796	910, 577	242, 169
65 to 69 years.....	1, 302, 626	1, 679, 503	2, 065, 475	2, 770, 605	1, 346, 942	535, 584	572, 314	155, 177
70 to 74 years.....	883, 841	1, 113, 728	1, 395, 036	1, 950, 004	1, 019, 306	358, 130	400, 614	99, 096
75 to 79 years.....	519, 837	607, 302	856, 560	1, 106, 390	612, 330	157, 752	269, 780	58, 711
80 to 84 years.....	261, 512	321, 754	402, 779	534, 676	303, 217	52, 694	140, 822	33, 377
85 to 89 years.....	93, 900	122, 818	166, 539	205, 469	115, 450	16, 359	55, 575	14, 948
90 to 94 years.....	23, 992	33, 473	59, 960	51, 664	27, 260	3, 239	15, 954	6, 332
95 to 99 years.....	6, 280	7, 391	9, 679	11, 033	4, 723	544	2, 714	2, 011
100 years and over.....	3, 504	3, 565	4, 207	5, 964	659	71	450	2, 467
Unknown.....	200, 584	169, 056	148, 699	94, 022	57, 361	10, 144	9, 824	13, 731
PERCENT								
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	(*)	2.0
5 to 9 years.....	11.7	10.6	10.8	10.3	11.9	9.9	.9	11.6
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.....	8.7	9.8	8.8	8.9	9.1	9.7	7.6	10.1
25 to 29 years.....	8.6	9.6	8.6	8.0	7.9	8.1	9.0	9.0
30 to 34 years.....	7.3	7.6	7.0	7.4	7.0	7.7	12.2	7.3
35 to 39 years.....	6.5	7.0	7.4	7.5	6.7	7.4	12.7	5.8
40 to 44 years.....	5.6	6.7	6.0	6.5	5.6	6.1	12.7	5.8
45 to 49 years.....	4.5	4.0	5.5	5.7	4.9	5.1	11.7	5.3
50 to 54 years.....	3.9	4.6	4.6	4.9	4.2	4.5	9.0	4.2
55 to 59 years.....	2.9	3.0	3.4	3.8	3.3	3.6	7.7	2.6
60 to 64 years.....	2.4	2.8	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	1.6	3.4	.8
75 to 79 years.....	.7	.7	.8	.9	.9	.9	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	(*)	.1	.1

<sup>1</sup> Totals include races not shown separately for 1930.

<sup>2</sup> Less than one-tenth of 1 percent.

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



DIVISION AND STATE	MALES 15 YEARS OF AGE AND OVER								
	Number						Percent of total		
	Total	Single	Married	Widowed	Divorced	Unknown	Single	Married	Widowed
Continental U. S. . . . .	43,861,021	14,953,712	26,327,109	2,025,036	489,478	85,988	34.1	60.0	4.8
New England. . . . .	2,901,430	1,024,340	1,701,884	146,012	24,588	4,808	35.3	58.7	5.0
Maine. . . . .	285,114	90,669	172,525	17,444	4,102	474	31.8	60.5	6.1
New Hampshire. . . . .	108,465	54,469	100,586	10,680	2,545	185	32.3	59.7	6.3
Vermont. . . . .	131,484	44,302	77,376	8,232	1,779	94	33.7	58.6	6.3
Massachusetts. . . . .	1,501,904	545,566	870,510	72,410	10,610	2,808	36.3	58.0	4.8
Rhode Island. . . . .	238,674	84,434	140,310	11,568	2,070	292	35.4	58.8	4.8
Connecticut. . . . .	204,909	204,909	340,877	26,678	3,482	753	35.6	59.2	4.5
Middle Atlantic. . . . .	9,580,932	3,413,672	5,673,131	421,004	50,541	22,634	35.6	60.2	4.4
New York. . . . .	4,714,608	1,718,371	2,761,908	107,157	22,117	15,055	36.4	53.6	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	59.0	4.8
East North Central. . . . .	9,378,073	3,100,337	5,701,766	435,523	126,309	13,808	33.1	60.8	4.6
Ohio. . . . .	2,436,685	769,282	1,514,131	117,101	33,696	2,385	31.6	62.1	4.8
Indiana. . . . .	1,185,534	351,910	760,834	62,775	19,076	1,889	29.7	63.8	5.3
Illinois. . . . .	2,809,347	985,343	1,715,640	127,762	35,562	5,040	34.3	59.8	4.5
Michigan. . . . .	1,305,530	601,745	1,065,563	78,849	28,101	2,212	33.3	60.6	4.4
Wisconsin. . . . .	1,079,977	392,557	625,578	48,946	10,814	2,082	36.3	57.9	4.5
West North Central. . . . .	4,344,547	1,673,552	2,876,764	227,960	58,164	8,087	34.5	59.4	4.7
Minnesota. . . . .	930,736	367,844	520,870	41,981	9,138	965	39.1	55.4	4.5
Iowa. . . . .	809,820	298,856	545,117	43,180	11,769	915	33.2	60.6	4.8
Missouri. . . . .	1,330,551	415,233	825,917	68,248	18,442	2,711	31.2	62.1	5.1
North Dakota. . . . .	241,350	104,297	125,070	9,269	1,611	303	43.2	62.1	3.8
South Dakota. . . . .	249,409	97,168	138,370	10,447	2,314	610	39.0	55.7	4.2
Nebraska. . . . .	498,502	172,548	297,725	21,694	5,645	800	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. . . . .	6,167,443	1,757,614	3,129,689	233,004	36,338	10,798	34.0	60.6	4.5
Delaware. . . . .	88,886	30,668	62,694	4,712	661	251	34.4	59.3	5.3
Maryland. . . . .	588,895	205,202	348,063	23,854	4,869	1,007	34.8	59.1	4.9
District of Columbia. . . . .	181,673	63,695	107,418	8,113	1,808	639	35.1	60.4	4.5
Virginia. . . . .	892,823	284,780	473,870	35,948	5,801	2,224	35.6	59.1	4.6
West Virginia. . . . .	575,638	195,006	352,122	22,890	5,183	428	35.0	61.2	4.0
North Carolina. . . . .	968,308	330,359	589,236	37,605	3,815	1,293	34.7	60.9	3.9
South Carolina. . . . .	516,786	186,416	312,063	21,918	1,418	361	34.9	60.5	4.2
Georgia. . . . .	926,871	304,704	569,512	45,205	6,341	1,109	32.0	61.4	4.9
Florida. . . . .	517,783	156,884	324,121	27,750	6,442	2,586	30.8	62.6	5.4
East South Central. . . . .	3,214,755	1,005,370	2,016,400	156,157	31,127	5,701	31.3	62.7	4.9
Kentucky. . . . .	870,198	270,339	546,342	43,573	9,005	639	31.1	62.8	5.0
Tennessee. . . . .	864,634	270,671	541,706	41,673	8,269	2,225	31.3	62.7	4.8
Alabama. . . . .	835,246	269,977	521,208	38,946	7,307	748	32.0	62.4	4.7
Mississippi. . . . .	644,677	197,383	406,904	31,965	6,546	1,789	30.6	63.1	5.0
West South Central. . . . .	4,144,135	1,325,261	2,565,028	193,546	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	32,400	6,121	814	33.3	61.0	4.7
Oklahoma. . . . .	823,088	254,549	517,512	37,683	12,548	866	30.0	62.9	4.6
Texas. . . . .	2,015,112	650,743	1,235,686	92,306	27,808	2,569	32.6	61.3	4.6
Mountain. . . . .	1,354,047	489,101	775,861	62,515	24,269	2,301	36.1	57.3	4.6
Montana. . . . .	211,910	80,283	111,496	9,397	4,338	306	40.7	52.6	4.4
Idaho. . . . .	163,184	59,889	93,465	6,990	3,020	300	36.4	57.3	4.3
Wyoming. . . . .	89,966	35,726	46,671	3,715	1,611	243	39.7	54.1	4.1
Colorado. . . . .	379,165	125,015	227,404	18,896	6,938	823	33.0	60.0	5.0
New Mexico. . . . .	141,079	47,317	83,537	7,933	1,073	109	33.9	59.2	5.6
Arizona. . . . .	155,621	57,232	90,370	7,785	2,957	277	36.1	57.0	4.9
Utah. . . . .	108,237	59,334	100,785	5,842	2,153	123	35.3	59.9	3.5
Nevada. . . . .	41,915	18,306	20,053	1,953	1,674	30	43.7	47.8	4.7
Pacific. . . . .	3,295,809	1,193,965	1,888,558	147,295	84,588	13,203	35.3	57.2	4.5
Washington. . . . .	628,346	224,798	357,702	28,051	14,870	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	1,307,050	100,012	59,588	10,087	35.4	57.2	4.4

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

BY SEX, BY STATES: 1930

FEMALES 15 YEARS OF AGE AND OVER									DIVISION AND STATE
Number						Percent of total			
Total	Single	Married	Widowed	Divorced	Un- known	Single	Mar- ried	Wid- owed	
42,837,149	11,306,653	26,170,756	4,734,207	573,148	52,385	26.4	61.1	11.1	U. S.
3,044,692	972,813	1,697,661	340,668	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	99,022	21,148	2,534	120	28.0	58.1	12.3	N. H.
126,417	32,274	76,472	16,004	1,522	85	25.5	60.5	12.3	Vt.
1,620,410	551,892	869,725	181,875	15,020	1,898	34.1	53.7	11.2	Mass.
256,835	85,282	140,578	27,821	3,056	98	33.2	54.7	10.8	R. I.
685,639	181,023	338,724	60,151	4,302	539	31.1	57.8	10.3	Conn.
9,547,467	2,804,829	5,622,781	1,038,636	64,634	16,587	29.4	58.9	10.9	M. A.
4,721,139	1,417,657	2,738,073	522,983	30,506	10,930	30.0	58.0	11.1	N. Y.
1,470,247	416,041	884,503	158,535	9,678	1,437	28.3	60.2	10.8	N. J.
3,356,081	971,131	1,999,302	367,068	24,360	4,220	28.9	59.6	10.6	Pa.
8,901,167	2,246,305	5,640,826	934,140	132,228	9,170	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	262,686	744,900	128,917	18,458	1,013	22.7	64.4	11.2	Ind.
2,780,510	785,489	1,701,891	299,551	40,186	3,393	26.5	61.2	10.8	Ill.
1,029,915	373,677	1,075,686	154,241	25,259	1,152	22.9	66.0	9.5	Mich.
1,009,970	280,110	621,285	90,323	11,168	1,004	27.7	61.5	9.5	Wis.
4,632,669	1,225,694	2,665,634	475,523	61,908	3,310	26.5	61.9	10.3	W. N. C.
832,618	270,487	519,131	83,104	9,283	613	30.6	58.8	9.4	Minn.
872,053	226,333	643,432	89,464	12,224	600	26.0	62.3	10.3	Iowa.
1,328,759	323,109	825,087	168,222	21,162	1,179	24.3	62.1	11.0	Mo.
205,704	65,124	124,632	14,292	1,474	242	31.6	60.6	6.9	N. Dak.
118,763	61,087	138,030	17,363	2,021	262	27.9	63.1	7.9	S. Dak.
471,298	123,983	296,670	44,089	6,072	479	26.3	62.9	9.4	Nebr.
663,414	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	628,331	58,461	6,827	27.0	60.0	11.9	S. A.
86,276	22,203	52,344	9,087	1,731	61	26.0	61.4	11.7	Del.
582,733	158,908	340,675	69,352	5,853	1,885	27.3	59.5	11.0	Md.
204,555	61,709	109,427	29,766	2,992	662	30.2	53.5	14.6	D. C.
800,589	224,421	475,428	92,050	7,705	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	263,655	506,027	103,850	6,704	972	29.3	59.5	10.4	N. C.
553,365	160,775	318,337	70,694	2,667	392	29.1	57.8	12.8	S. C.
972,461	250,359	673,377	135,213	12,271	741	25.8	59.0	13.9	Ga.
513,588	107,925	326,812	60,095	8,878	873	21.0	63.6	13.5	Fla.
3,263,427	787,662	2,020,880	368,040	48,053	3,892	24.2	62.1	12.1	E. S. C.
855,056	204,684	643,928	95,357	10,411	676	23.9	63.6	11.2	Ky.
833,297	218,534	643,405	106,237	13,026	2,095	24.7	61.5	12.0	Tenn.
861,967	214,039	624,158	110,080	13,019	671	24.8	60.8	12.8	Ala.
653,107	150,305	409,389	81,366	11,507	450	23.0	62.7	12.5	Miss.
3,996,245	917,077	2,558,815	445,917	71,142	3,294	22.9	64.0	11.2	W. S. C.
505,127	126,357	388,783	70,231	9,421	335	21.2	65.3	11.8	Ark.
703,077	178,203	424,774	89,141	10,142	817	25.3	60.4	12.7	La.
764,569	162,964	613,982	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	274,085	761,361	116,611	19,968	1,013	23.4	64.9	9.9	Mont.
106,045	40,253	108,514	14,503	2,650	116	24.2	65.4	8.7	Idaho.
136,154	31,359	91,745	10,927	1,995	128	23.0	67.4	8.0	Wyo.
67,257	14,139	46,331	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	63.8	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	91,061	5,707	22.3	62.3	12.2	Pac.
645,790	122,694	362,466	56,054	13,701	875	22.5	64.6	10.3	Wash.
339,219	74,867	218,946	36,489	8,783	184	22.1	64.5	10.8	Oreg.
2,096,630	466,836	1,288,461	270,068	68,567	4,698	22.3	61.4	12.9	Calif.

No. 36.—MARITAL STATUS, BY SEX, RACE, NATIVITY, AND PARENTAGE,  
CONTINENTAL UNITED STATES: 1920 AND 1930

NOTE.—Figures for "All other" in 1930 include Mexicans; prior to 1930 Mexicans were classified for the most part as white. See footnotes 2, table 20. 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 percent of the total is shown in Statistical Abstract, 1931, tables 29 and 24.

CLASS	MALES 15 YEARS AND OVER				FEMALES 15 YEARS AND OVER			
	Number		Percent		Number		Percent	
	1920	1930	1920	1930	1920	1930	1920	1930
<b>All classes</b> .....	38,630,663	43,831,021	100.0	100.0	35,177,515	42,337,149	100.0	100.0
Single.....	12,967,565	14,953,712	35.1	34.1	9,610,902	11,206,653	27.3	26.4
Married.....	21,849,266	26,327,169	59.2	60.0	21,318,933	26,170,756	60.6	61.1
Widowed.....	1,768,308	2,026,636	4.5	4.6	3,917,625	4,734,207	11.1	11.1
Divorced.....	235,254	489,478	.6	1.1	273,044	573,148	.8	1.3
Unknown.....	110,240	85,680	.3	.2	50,751	52,385	.1	.1
<b>White</b> .....	35,335,566	39,214,156	100.0	100.0	31,654,841	38,220,229	100.0	100.0
Single.....	11,732,635	13,304,509	35.3	34.1	8,772,732	10,239,306	27.7	26.8
Married.....	19,698,113	23,603,312	59.1	60.2	19,210,228	23,444,243	60.7	61.3
Widowed.....	1,549,164	1,745,213	4.6	4.5	3,309,002	4,023,372	10.7	10.5
Divorced.....	207,693	428,073	.6	1.1	228,565	477,024	.7	1.2
Unknown.....	97,681	73,049	.3	.2	43,044	45,684	.1	.1
<b>Native white, total</b> .....	26,088,647	32,210,106	100.0	100.0	25,740,856	32,121,087	100.0	100.0
Single.....	9,027,618	11,858,592	38.1	36.8	7,936,939	9,459,175	30.8	29.4
Married.....	14,795,171	18,642,713	56.7	57.9	15,038,735	19,200,906	58.6	59.7
Widowed.....	1,111,115	1,282,311	4.3	4.0	2,490,407	3,030,472	9.6	9.7
Divorced.....	175,713	365,243	.7	1.1	200,900	425,682	.8	1.3
Unknown.....	73,430	61,217	.3	.2	35,872	33,852	.1	.1
<b>Native white, native parentage</b> .....	19,092,107	23,329,430	100.0	100.0	18,329,748	22,978,599	100.0	100.0
Single.....	6,776,518	8,054,686	35.5	34.5	5,268,490	6,284,818	28.4	27.2
Married.....	11,244,286	14,013,140	58.9	60.0	11,195,865	14,143,668	60.4	61.6
Widowed.....	574,821	676,035	4.6	4.2	1,885,000	2,227,860	10.2	9.7
Divorced.....	134,789	279,723	.7	1.2	152,743	324,768	.8	1.4
Unknown.....	61,690	45,826	.3	.2	27,050	27,455	.1	.1
<b>Native white, foreign or mixed parentage</b> .....	6,896,940	8,840,646	100.0	100.0	7,211,108	9,176,489	100.0	100.0
Single.....	3,151,100	3,808,906	45.1	43.0	2,668,443	3,204,357	37.0	34.9
Married.....	3,550,882	4,639,573	50.8	52.4	3,890,870	5,037,238	54.0	55.1
Widowed.....	236,204	306,256	3.4	3.5	595,407	802,612	8.3	8.7
Divorced.....	49,924	85,520	.6	1.0	48,166	100,934	.7	1.1
Unknown.....	11,740	15,391	.2	.2	8,222	11,367	.1	.1
<b>Foreign-born white</b> .....	7,253,539	7,004,050	100.0	100.0	6,913,985	6,085,122	100.0	100.0
Single.....	1,855,047	1,505,917	25.6	21.5	1,325,799	770,131	14.1	12.7
Married.....	4,902,942	4,990,599	67.6	70.8	4,123,503	4,243,337	69.7	70.0
Widowed.....	438,049	462,872	6.0	6.6	919,255	992,900	15.5	16.4
Divorced.....	21,950	62,830	.4	.9	27,656	51,942	.5	.9
Unknown.....	24,551	11,839	.3	.2	7,772	6,292	.1	.1
<b>Negro</b> .....	3,393,211	3,941,489	100.0	100.0	3,423,130	4,099,532	100.0	100.0
Single.....	1,104,877	1,270,950	32.6	32.2	825,238	953,806	24.1	23.3
Married.....	2,050,407	2,357,821	60.4	59.3	2,639,131	2,398,144	59.6	58.5
Widowed.....	200,784	247,695	5.9	6.3	307,961	552,663	14.8	15.9
Divorced.....	26,689	55,713	.8	1.4	43,871	88,868	1.3	2.2
Unknown.....	10,504	9,333	.3	.2	6,829	6,071	.2	.1
<b>All other</b> .....	161,868	723,463	100.0	100.0	39,574	517,368	100.0	100.0
Single.....	80,023	318,258	41.7	43.9	18,912	123,541	19.0	23.9
Married.....	100,743	365,976	52.5	50.5	69,514	323,369	69.3	63.5
Widowed.....	8,410	32,223	4.4	4.4	10,002	68,172	10.0	11.2
Divorced.....	952	5,692	.5	.8	868	6,669	.9	1.3
Unknown.....	1,765	3,254	.8	.4	278	630	.2	.1

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

No. 37.—MARITAL STATUS, BY SEX, RACE, NATIVITY, AND PARENTAGE, FOR URBAN AND RURAL POPULATION, CONTINENTAL UNITED STATES: 1930

CLASS	PERSONS 15 YEARS OF AGE AND OVER					PERCENT OF TOTAL			
	Total <sup>1</sup>	Single	Married	Wid-owed	Di-vorced	Single	Mar-ried	Wid-owed	Di-vorced
<b>1920</b>									
Urban population:									
Males.....	19,695,500	6,082,294	11,605,237	897,600	142,778	35.5	58.9	4.6	0.7
Females.....	19,618,764	5,698,673	11,310,188	2,395,622	156,181	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	60.5	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
<b>1930</b>									
<b>URBAN POPULATION</b>									
Males, total.....	25,201,037	8,501,813	15,242,615	1,086,856	316,383	33.7	60.5	4.3	1.3
White.....	23,012,836	7,769,480	13,957,981	965,319	282,736	33.8	60.7	4.2	1.2
Negro.....	1,842,029	576,114	1,112,731	118,464	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	6,860,950	420,080	172,211	33.9	60.5	3.8	1.5
Foreign or mixed parentage.....	6,178,365	2,748,154	3,164,845	195,869	62,597	44.5	51.1	3.2	1.0
Foreign-born white.....	5,516,834	1,177,602	3,952,186	329,770	47,928	21.3	71.6	6.0	.9
Females, total.....	25,966,592	7,298,604	15,199,397	3,076,806	420,658	27.8	58.5	11.8	1.6
White.....	23,672,905	6,713,877	13,891,824	2,608,272	367,805	28.4	58.7	11.3	1.6
Negro.....	2,043,653	464,635	1,158,802	376,331	54,790	22.2	56.6	18.4	2.7
All other.....	245,634	60,382	148,771	32,203	4,003	24.6	60.6	13.1	1.6
Native white—									
Native parentage.....	11,888,265	3,473,117	6,908,864	1,252,402	237,642	29.2	58.1	10.5	2.0
Foreign or mixed parentage.....	6,324,105	2,560,477	3,555,597	618,842	84,950	37.5	52.1	9.0	1.2
Foreign-born white.....	4,960,476	680,683	3,427,363	802,028	45,273	13.7	69.1	16.2	.9
<b>RURAL POPULATION</b>									
Males, total.....	18,679,984	6,451,899	11,084,494	938,180	173,096	34.5	59.3	5.0	.9
White.....	16,201,270	5,595,029	9,645,331	789,894	145,337	34.5	59.5	4.9	.9
Negro.....	2,099,493	694,836	1,245,000	129,141	24,904	33.1	59.3	6.2	1.2
All other.....	379,281	162,034	194,078	19,145	2,854	42.7	61.2	5.0	.8
Native white—									
Native parentage.....	12,046,773	4,211,052	7,162,100	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	14,002	22.1	67.8	8.9	1.0
Females, total.....	16,870,567	4,077,959	10,971,359	1,857,401	146,490	24.2	56.0	9.8	.9
White.....	14,547,324	3,515,629	9,552,419	1,355,100	109,759	24.2	55.7	9.3	.8
Negro.....	2,051,490	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	6,660	8.2	73.9	17.3	.6

<sup>1</sup> Includes persons whose marital condition was not reported.

No. 38.—DWELLINGS, BY SIZE, AND FAMILIES, BY HOME TENURE, FOR URBAN AND RURAL AREAS, CONTINENTAL UNITED STATES: 1920 AND 1930

TENURE	TOTAL		URBAN		RURAL	
	1920	1930	1920	1930	1920	1930
Number of dwellings.....	20,607,204	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	20,904,663	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	6,599,520
Percent.....	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
Percent.....	53.2	51.2	61.5	55.7	43.9	46.0
Tenure unknown—Number.....	541,118	582,772	215,984	258,611	325,134	324,151
Percent.....	2.2	1.9	1.7	1.5	2.8	2.6

<sup>1</sup> 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 37 and 38: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vols. II and VI.

No. 39.—FAMILIES, BY HOME TENURE AND SIZE OF FAMILY, BY STATES

NOTE.—A family is defined as a group of persons related either by blood or by marriage or adoption who live together as 1 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	PERCENT OF TOTAL				AVERAGE POPULATION PER FAMILY <sup>1</sup>		
	1920	1930 <sup>1</sup>			Owners		Tenants		1920	1930, incl. inst.	1930, priv. only
			1920	1930	1920	1930					
Continental U. S. . . . .	24,351,676	29,904,668	14,002,074	15,319,817	44.6	48.9	53.2	51.2	4.34	4.10	4.01
New England . . . . .	1,703,812	1,981,499	815,441	1,042,621	39.2	43.2	59.3	52.6	4.54	4.11	4.00
Maine . . . . .	186,100	197,820	119,893	74,363	58.5	60.6	39.7	37.0	4.13	4.02	3.93
New Hampshire . . . . .	108,334	119,337	64,823	53,078	48.7	54.3	49.1	44.5	4.09	3.89	3.79
Vermont . . . . .	85,804	89,188	52,313	35,503	50.4	59.2	41.6	39.9	4.11	4.02	3.93
Massachusetts . . . . .	874,798	1,021,160	439,233	569,645	34.4	43.0	64.5	55.8	4.40	4.15	4.03
Rhode Island . . . . .	137,160	165,343	67,437	90,432	30.8	40.8	57.7	58.3	4.41	4.15	4.05
Connecticut . . . . .	311,010	388,645	171,202	213,445	37.0	44.1	61.3	54.9	4.43	4.12	4.03
Middle Atlantic . . . . .	5,085,080	6,374,380	2,823,963	3,468,889	38.7	44.3	61.8	54.3	4.39	4.11	4.01
New York . . . . .	2,441,125	3,153,124	1,155,036	1,957,733	30.3	36.6	68.4	62.1	4.25	3.98	3.86
New Jersey . . . . .	721,841	985,636	470,569	602,497	37.7	47.7	60.8	51.0	4.37	4.09	4.02
Pennsylvania . . . . .	1,922,114	2,235,620	1,198,420	1,003,159	44.4	63.6	53.9	44.9	4.64	4.30	4.23
E. North Central . . . . .	5,143,913	6,362,823	3,393,203	2,888,085	51.4	53.4	48.8	45.1	4.17	3.97	3.83
Ohio . . . . .	1,414,068	1,697,918	912,295	763,050	50.9	53.7	47.7	45.0	4.07	3.91	3.83
Indiana . . . . .	1,374,707	1,643,066	474,196	353,897	53.6	56.2	44.2	42.0	3.97	3.84	3.77
Illinois . . . . .	1,537,077	1,929,390	882,909	1,017,115	42.9	45.8	55.2	52.7	4.23	3.94	3.84
Michigan . . . . .	862,745	1,180,554	665,516	470,682	57.9	63.1	40.5	40.4	4.26	4.00	4.01
Wisconsin . . . . .	595,316	711,889	440,197	250,811	62.5	61.8	36.7	36.1	4.42	4.12	4.04
W. North Central . . . . .	2,967,849	3,317,881	1,762,814	1,480,748	55.0	58.1	42.5	44.6	4.24	4.00	3.92
Minnesota . . . . .	525,020	600,496	349,008	243,696	59.4	57.7	38.4	40.2	4.54	4.21	4.11
Iowa . . . . .	588,070	635,704	340,778	282,637	60.7	53.6	40.9	44.5	4.10	3.88	3.82
Missouri . . . . .	829,043	939,476	459,810	401,203	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	161,613	82,432	72,902	59.3	51.2	37.2	45.3	4.40	4.20	4.24
Nebraska . . . . .	303,436	342,999	181,399	152,335	55.7	52.9	41.4	44.6	4.27	4.01	3.94
Kansas . . . . .	435,000	487,188	267,115	210,106	55.4	64.8	42.0	43.1	4.06	3.86	3.78
South Atlantic . . . . .	2,991,623	3,511,880	1,466,339	1,969,291	40.8	41.8	56.3	56.1	4.65	4.49	4.41
Delaware . . . . .	52,070	59,092	30,187	27,804	43.8	51.1	54.3	47.1	4.23	4.02	3.87
Maryland . . . . .	324,742	365,179	208,503	169,359	49.0	54.1	49.3	44.0	4.46	4.23	4.11
Dist. of Columbia . . . . .	96,194	125,554	47,220	75,254	29.6	37.0	68.3	59.9	4.56	3.80	3.70
Virginia . . . . .	483,363	529,089	272,202	247,497	50.1	61.4	47.9	46.8	4.78	4.67	4.48
West Virginia . . . . .	310,098	373,941	168,543	198,730	45.0	45.1	51.8	53.1	4.72	4.02	3.85
North Carolina . . . . .	513,377	644,033	279,946	349,555	45.9	43.5	50.9	54.3	4.98	4.91	4.85
South Carolina . . . . .	349,126	365,680	111,257	248,335	31.0	30.4	65.2	67.9	4.82	4.75	4.70
Georgia . . . . .	628,525	652,703	194,450	440,011	29.9	29.8	67.0	67.4	4.91	4.45	4.38
Florida . . . . .	234,133	376,499	153,056	212,740	40.6	40.9	55.0	56.5	4.14	3.89	3.81
E. South Central . . . . .	1,977,351	2,273,359	924,869	1,298,272	41.6	40.7	57.7	57.1	4.50	4.34	4.29
Kentucky . . . . .	546,306	609,405	305,254	390,379	50.5	50.3	45.3	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 . . . . .	408,195	471,704	149,973	311,586	33.0	31.8	64.0	66.1	4.44	4.26	4.22
W. South Central . . . . .	2,242,810	2,868,282	1,117,450	1,658,094	40.7	39.0	55.9	57.8	4.57	4.24	4.18
Arkansas . . . . .	390,060	438,639	168,767	251,897	43.8	38.5	55.3	57.4	4.43	4.22	4.19
Louisiana . . . . .	380,913	485,363	165,731	307,273	32.4	34.1	63.8	63.3	4.61	4.32	4.30
Oklahoma . . . . .	444,524	564,164	225,296	320,555	43.6	39.9	52.1	56.3	4.56	4.24	4.17
Texas . . . . .	1,017,413	1,380,090	567,656	779,209	41.5	40.4	55.4	56.5	4.58	4.21	4.15
Mountain . . . . .	803,853	914,408	470,389	415,328	53.0	51.4	43.5	45.4	4.16	4.03	3.92
Montana . . . . .	133,012	136,210	71,419	59,636	58.3	52.4	35.1	43.8	3.92	3.92	3.79
Idaho . . . . .	100,500	108,044	59,584	44,996	58.9	55.1	37.8	41.6	4.30	4.10	4.01
Wyoming . . . . .	48,470	50,887	26,425	28,322	49.0	46.5	45.9	49.8	4.01	3.95	3.79
Colorado . . . . .	230,842	297,324	131,571	127,979	60.6	49.2	47.9	47.9	4.07	3.86	3.74
New Mexico . . . . .	83,706	98,546	54,439	40,428	57.5	55.2	39.3	41.0	4.30	4.28	4.22
Arizona . . . . .	80,206	105,992	45,808	56,880	41.2	43.2	55.1	53.2	4.17	4.09	3.96
Utah . . . . .	98,346	115,939	69,683	44,610	50.0	60.0	30.2	38.5	4.57	4.37	4.29
Nevada . . . . .	21,862	25,469	11,551	12,977	45.5	45.4	60.0	51.0	3.64	3.64	3.32
Pacific . . . . .	1,445,350	2,300,191	1,125,493	1,133,209	48.7	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	260,328	154,283	106,712	53.6	57.9	44.2	40.1	3.86	3.50	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

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

<sup>2</sup> The first of the 2 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.

## NO. 40.—FAMILIES, BY RACE AND NATIVITY OF HEAD, AND DWELLINGS, BY CLASS, BY STATES: 1930

DIVISION AND STATE	FAMILIES <sup>1</sup>				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, 668	20, 968, 808	6, 736, 491	2, 808, 760	25, 204, 970	22, 833, 110	1, 728, 087	643, 779	75, 178
<b>New England</b> . . . . .	1, 981, 499	1, 203, 304	763, 231	22, 864	1, 453, 223	1, 124, 366	224, 256	104, 601	5, 928
Maine . . . . .	197, 820	158, 687	38, 033	269	172, 988	155, 409	13, 929	3, 663	551
New Hampshire . . . . .	119, 337	85, 508	33, 872	117	101, 712	89, 813	8, 907	2, 992	322
Vermont . . . . .	89, 188	72, 922	16, 117	135	79, 455	72, 350	5, 778	1, 321	244
Massachusetts . . . . .	1, 021, 100	579, 761	427, 385	12, 037	703, 222	511, 051	120, 274	65, 897	3, 384
Rhode Island . . . . .	165, 343	89, 926	72, 711	2, 542	115, 293	81, 152	23, 065	11, 070	409
Connecticut . . . . .	388, 645	216, 515	164, 713	7, 174	280, 552	214, 688	46, 302	19, 692	908
<b>Middle Atlantic</b> . . . . .	6, 374, 330	3, 921, 222	2, 200, 620	243, 371	4, 465, 195	3, 732, 533	500, 566	232, 097	14, 544
New York . . . . .	3, 153, 124	1, 763, 041	1, 207, 710	95, 621	1, 735, 050	1, 299, 210	275, 024	159, 916	8, 988
New Jersey . . . . .	985, 636	576, 991	358, 984	48, 030	721, 143	580, 336	99, 690	40, 717	1, 991
Pennsylvania . . . . .	2, 235, 620	1, 590, 590	543, 920	99, 114	2, 008, 996	1, 852, 481	126, 051	31, 464	3, 665
<b>East North Central</b> . . . . .	6, 362, 823	4, 738, 353	1, 390, 490	222, 240	5, 312, 851	4, 731, 798	424, 556	158, 497	13, 658
Ohio . . . . .	1, 697, 918	1, 339, 077	281, 750	75, 709	1, 474, 803	1, 335, 303	107, 024	32, 506	2, 923
Indiana . . . . .	843, 066	762, 373	60, 205	28, 771	789, 785	757, 409	24, 877	7, 499	1, 385
Illinois . . . . .	1, 920, 396	1, 313, 653	630, 272	78, 737	1, 405, 127	1, 153, 819	163, 979	85, 229	5, 054
Michigan . . . . .	1, 180, 554	800, 076	339, 738	36, 500	1, 018, 845	925, 248	74, 644	18, 953	2, 588
Wisconsin . . . . .	1, 171, 889	528, 174	178, 519	2, 523	624, 201	559, 919	55, 302	9, 250	1, 708
<b>West North Central</b> . . . . .	3, 317, 881	2, 697, 414	615, 044	87, 853	3, 037, 237	2, 880, 810	139, 649	36, 678	7, 731
Minnesota . . . . .	606, 496	417, 174	183, 895	2, 592	542, 051	503, 600	31, 007	7, 444	1, 853
Iowa . . . . .	635, 704	547, 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	100	154, 334	149, 028	3, 584	822	319
Nebraska . . . . .	342, 999	279, 620	57, 817	3, 700	325, 070	310, 419	7, 282	2, 268	777
Kansas . . . . .	487, 188	420, 490	35, 876	17, 688	463, 744	447, 213	13, 260	3, 271	874
<b>South Atlantic</b> . . . . .	3, 511, 860	2, 401, 398	131, 180	974, 592	3, 243, 552	3, 064, 048	148, 808	30, 895	7, 621
Delaware . . . . .	59, 022	44, 331	7, 059	7, 682	54, 940	52, 224	2, 016	690	201
Maryland . . . . .	385, 179	282, 287	41, 442	61, 160	346, 117	318, 240	22, 890	4, 981	903
Dist. of Columbia . . . . .	125, 554	83, 700	11, 580	20, 995	84, 003	74, 649	6, 805	3, 449	465
Virginia . . . . .	529, 089	377, 676	10, 373	140, 726	492, 575	460, 083	22, 560	3, 942	934
West Virginia . . . . .	373, 941	325, 305	22, 258	26, 274	352, 749	330, 834	13, 301	2, 614	723
North Carolina . . . . .	644, 033	457, 087	3, 702	180, 128	614, 292	580, 545	21, 844	2, 003	1, 218
South Carolina . . . . .	365, 680	194, 708	2, 362	168, 324	345, 265	329, 370	13, 334	2, 501	589
Georgia . . . . .	652, 793	396, 793	5, 927	248, 942	602, 468	564, 540	32, 411	5, 517	1, 218
Florida . . . . .	376, 409	239, 451	26, 394	110, 361	350, 243	332, 547	13, 057	4, 030	1, 320
<b>East South Central</b> . . . . .	2, 273, 359	1, 591, 095	27, 341	653, 847	2, 127, 537	2, 013, 879	97, 793	15, 866	3, 427
Kentucky . . . . .	609, 405	538, 218	10, 470	60, 672	500, 329	533, 615	27, 889	5, 428	966
Tennessee . . . . .	600, 625	474, 078	6, 066	120, 402	558, 153	528, 242	24, 815	5, 096	965
Alabama . . . . .	501, 625	361, 656	7, 320	222, 533	554, 505	523, 935	27, 270	3, 360	844
Mississippi . . . . .	471, 704	217, 143	3, 479	260, 240	448, 490	428, 086	18, 422	1, 682	652
<b>West South Central</b> . . . . .	2, 885, 262	2, 066, 970	81, 776	564, 918	2, 686, 296	2, 554, 712	107, 385	24, 199	6, 072
Arkansas . . . . .	433, 639	310, 328	5, 074	123, 009	419, 381	403, 295	14, 065	2, 021	645
Louisiana . . . . .	485, 363	376, 508	10, 548	190, 876	458, 380	438, 565	16, 334	3, 481	1, 051
Oklahoma . . . . .	564, 104	492, 672	13, 373	40, 288	526, 059	501, 347	19, 990	5, 322	1, 183
Texas . . . . .	1, 380, 990	987, 602	46, 778	210, 795	1, 281, 870	1, 211, 606	50, 996	13, 375	3, 193
<b>Mountain</b> . . . . .	814, 408	694, 118	136, 437	8, 743	846, 808	806, 645	27, 800	9, 593	4, 148
Montana . . . . .	136, 210	97, 796	34, 135	458	126, 354	122, 144	3, 857	1, 353	809
Idaho . . . . .	108, 044	91, 910	14, 381	229	102, 992	99, 803	2, 560	679	472
Wyoming . . . . .	56, 887	45, 001	9, 221	418	53, 569	51, 509	1, 066	455	285
Colorado . . . . .	267, 324	210, 335	41, 470	3, 538	242, 548	230, 607	8, 904	5, 637	1, 099
New Mexico . . . . .	98, 546	75, 405	3, 707	799	92, 530	87, 921	3, 824	785	279
Arizona . . . . .	105, 992	63, 629	7, 001	2, 776	98, 633	93, 854	3, 444	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, 594	23, 064	569	261	290
<b>Pacific</b> . . . . .	2, 300, 191	1, 659, 929	600, 382	25, 328	2, 032, 273	1, 841, 320	57, 276	83, 682	12, 049
Washington . . . . .	423, 833	309, 320	105, 869	2, 059	382, 539	365, 917	8, 843	4, 779	2, 212
Oregon . . . . .	266, 328	216, 260	46, 669	674	246, 558	239, 069	4, 941	2, 548	1, 356
California . . . . .	1, 610, 030	1, 134, 349	347, 854	22, 595	1, 403, 181	1, 333, 334	43, 492	26, 355	8, 481

<sup>1</sup> Private families only, excluding 75,178 institutions, hotels, etc. Totals for all classes include "Other races" not shown.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. VI.

AREA AND POPULATION

No. 41.—FAMILIES, BY SIZE, BY NUMBER OF CHILDREN UNDER 10 YEARS OF AGE, AND BY NUMBER OF GAINFUL WORKERS (INCLUDING THOSE TEMPORARILY UNEMPLOYED): 1930

ITEM	NUMBER					PERCENT				
	All classes	Native white	Foreign-born white	Negro	Other races	All classes	Native white	Foreign-born white	Negro	Other races
All families.....	20,904,883	20,868,803	5,785,481	2,808,756	395,613	100.0	100.0	100.0	100.0	100.0
Families comprising—										
1 person.....	2,357,463	1,637,193	430,214	338,114	45,942	7.9	7.3	7.0	12.1	11.0
2 persons.....	6,982,835	5,066,937	1,263,061	730,812	60,075	23.4	24.1	19.6	26.4	15.2
3 persons.....	8,230,414	4,606,372	1,061,617	500,990	57,540	20.8	22.0	18.5	17.0	14.5
4 persons.....	3,524,096	3,787,690	1,030,380	367,880	54,740	17.5	18.1	18.0	12.9	13.8
5 persons.....	3,574,362	2,479,570	783,249	265,136	49,407	12.0	11.8	13.0	0.5	12.5
6 persons.....	2,273,900	1,514,556	522,838	193,720	41,156	7.0	7.2	9.1	6.9	10.4
7 persons.....	1,393,380	892,313	328,653	141,149	31,341	4.7	4.3	5.7	5.0	7.0
8 persons.....	842,689	518,376	202,093	99,800	22,400	2.8	2.5	3.5	3.6	5.7
9 persons.....	493,174	291,999	118,872	67,007	14,860	1.6	1.4	2.1	2.4	3.7
10 persons.....	272,068	163,564	66,198	43,573	8,783	.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	20,564	4,608	.4	.3	.3	.9	1.2
Families having—										
No children under 10.....	17,587,364	12,216,802	544,030	1,655,217	171,805	88.9	88.3	61.8	59.0	43.8
1 child under 10.....	5,745,188	4,164,091	1,045,547	467,576	67,945	19.2	16.9	18.2	16.7	17.2
2 children under 10.....	3,524,307	2,542,041	636,073	288,572	58,821	12.8	12.1	11.1	10.3	14.8
3 children under 10.....	1,787,690	1,243,706	305,503	190,390	48,041	6.0	5.9	5.3	6.3	12.1
4 children under 10.....	851,974	590,500	138,653	121,107	31,793	2.3	2.7	2.4	4.3	8.0
5 children under 10.....	311,074	188,425	50,993	35,193	13,476	1.0	.9	.9	2.1	3.4
6 or more.....	96,106	57,172	15,092	22,725	4,517	.3	.3	.3	.8	1.1
Families having—										
No gainful workers.....	1,803,871	1,327,676	371,811	83,227	18,657	6.0	6.2	6.5	3.1	4.7
1 gainful worker.....	13,568,731	8,698,468	3,116,525	1,532,551	280,161	62.1	65.1	54.3	64.7	45.8
2 gainful workers.....	6,301,816	4,201,468	1,128,825	758,303	72,033	21.1	20.0	22.5	27.1	18.9
3 gainful workers.....	2,140,386	1,293,185	596,778	250,624	26,789	7.2	6.9	10.5	8.9	6.8
4 or more.....	1,089,855	617,016	360,052	176,446	17,871	3.6	2.5	6.3	8.3	4.4

No. 42.—HOMES, NONFARM, BY VALUE OF MONTHLY RENTAL, BY RACE AND NATIVITY OF HEAD OF FAMILY, FOR THE UNITED STATES: 1930

VALUE OR MONTHLY RENTAL	NUMBER					PERCENT				
	All classes	Native white	Foreign-born white	Negro	Other races	All classes	Native white	Foreign-born white	Negro	Other races
Owued nonfarm homes.....	10,503,388	7,389,357	2,564,894	480,324	76,071	100.0	100.0	100.0	100.0	100.0
Value under \$1,000.....	794,724	484,442	80,350	188,735	41,131	7.6	6.9	3.1	39.3	54.1
\$1,000 to \$1,499.....	370,047	408,054	85,522	66,516	9,955	5.4	5.5	3.3	18.8	11.8
\$1,500 to \$1,999.....	531,277	391,222	92,109	42,387	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.....	2,349,760	1,675,141	603,351	59,377	5,920	22.3	22.7	23.5	12.4	7.8
\$5,000 to \$7,499.....	2,297,029	1,608,870	663,690	31,339	2,651	21.9	21.8	26.5	6.6	3.6
\$7,500 to \$9,999.....	980,469	687,009	281,545	16,108	716	9.4	9.3	11.4	2.1	.9
\$10,000 to \$14,999.....	960,557	620,068	279,232	6,676	593	8.6	8.4	10.9	1.4	.8
\$15,000 to \$19,999.....	339,335	235,262	102,052	1,897	223	3.2	3.2	4.0	.4	.3
\$20,000 and over.....	354,357	297,627	64,825	1,289	266	3.4	3.6	6.3	.3	.4
Not reported.....	202,218	151,131	43,024	12,089	3,107	2.0	2.0	1.7	2.5	4.1
Rented nonfarm homes.....	19,351,549	9,229,185	2,633,375	1,990,697	194,942	100.0	100.0	100.0	100.0	100.0
Rental under \$10.....	1,633,952	890,403	198,873	479,839	76,137	12.7	10.9	4.2	37.2	39.1
\$10 to \$14.....	1,302,827	866,611	183,011	241,808	35,302	10.8	10.5	7.1	18.7	18.1
\$15 to \$19.....	1,302,827	866,754	239,042	338,354	21,637	10.5	10.7	20.1	10.4	11.1
\$20 to \$29.....	2,545,208	1,795,044	591,798	188,079	20,239	20.6	20.2	22.9	14.6	18.5
\$30 to \$49.....	3,101,435	2,116,130	806,670	148,096	16,590	26.8	26.8	31.2	11.6	8.5
\$50 to \$74.....	1,503,401	1,024,928	423,704	46,353	5,516	12.2	12.4	16.4	3.8	2.8
\$75 to \$99.....	243,071	242,247	90,543	8,338	1,441	2.8	2.9	3.5	.7	.7
\$100 to \$149.....	182,292	117,425	43,008	1,949	616	1.3	1.4	.6	(1)	.6
\$150 to \$199.....	46,297	33,673	11,908	452	350	.4	.4	.6	(1)	.1
\$200 and over.....	45,760	35,084	10,287	147	232	.4	.4	.4	(1)	.1
Not reported.....	315,329	214,726	53,231	37,492	10,380	2.6	2.6	2.1	2.9	5.3
	Median * value of owned nonfarm homes					Median * rental of rented nonfarm homes				
Total.....	\$4,748	\$4,766	\$5,578	\$1,341	(3)	\$27.15	\$27.39	\$33.00	\$13.04	\$12.28
Urban.....	5,773	4,849	6,076	1,945	(3,291)	32.00	34.11	35.13	18.48	15.15
Rural-nonfarm.....	2,661	2,772	3,168	(2)	(3)	12.01	13.14	14.37	(3)	(2)

\* Less than one-tenth of 1 percent.

\* For definition of median, see note 1, table 22.

\* Less than \$1,000.

\* Less than \$10.

No. 43.—HOMES, NONFARM, OWNED, BY VALUE GROUPS, BY STATES: 1930

NOTE.—Totals include homes with value unknown

DIVISION AND STATE	All owned nonfarm homes	NUMBER OF HOMES WITH VALUE—								Median value <sup>1</sup>
		Under \$1,000	\$1,000 to \$1,499	\$1,500 to \$2,999	\$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	704,724	570,047	551,277	1,167,326	2,343,769	2,297,029	969,466	1,600,426	54,773
New England.....	802,593	21,612	25,422	26,804	70,796	178,693	212,943	67,284	156,693	5,834
Maine.....	84,963	10,022	8,779	6,787	13,453	20,132	14,102	3,828	5,632	3,293
New Hampshire.....	50,947	4,001	4,000	4,103	8,905	14,717	8,800	2,323	2,966	3,533
Vermont.....	31,704	1,995	2,170	2,092	4,820	8,715	6,552	2,010	2,778	4,031
Massachusetts.....	415,619	3,832	7,344	9,550	30,893	92,975	120,672	67,286	87,135	6,249
Rhode Island.....	64,480	508	1,130	1,410	4,629	14,944	20,216	8,237	12,420	6,163
Connecticut.....	154,880	1,254	1,990	2,392	8,086	23,210	42,541	23,041	44,722	7,013
Middle Atlantic.....	2,522,747	53,674	64,369	67,565	188,024	490,139	641,016	387,442	637,610	6,467
New York.....	1,017,475	15,349	19,392	19,534	54,581	147,484	243,443	161,905	396,259	7,492
New Jersey.....	443,623	4,101	6,020	6,635	22,523	71,045	113,442	70,042	147,013	7,420
Pennsylvania.....	1,056,649	34,224	38,967	41,396	110,920	271,610	284,131	105,453	564,398	5,206
East North Central.....	2,700,273	143,115	135,408	133,430	290,864	614,716	640,459	295,894	399,095	5,036
Ohio.....	748,412	31,001	30,530	32,643	75,584	182,365	198,953	82,427	104,030	5,201
Indiana.....	347,704	33,800	28,466	26,062	51,527	90,135	65,834	19,630	22,856	3,654
Illinois.....	765,549	37,033	30,140	32,668	69,369	141,750	170,542	100,837	103,739	6,837
Michigan.....	542,154	29,468	27,857	27,640	58,438	119,701	128,845	63,628	76,990	5,007
Wisconsin.....	290,457	11,123	12,403	14,017	35,526	80,099	73,185	20,422	28,497	4,781
West North Central.....	1,132,096	94,784	87,760	86,660	177,380	304,631	220,554	61,949	73,792	3,704
Minnesota.....	227,836	11,164	11,193	13,171	31,827	68,402	68,317	14,063	15,261	4,207
Iowa.....	233,639	16,332	18,059	18,780	38,906	67,430	47,137	11,428	10,385	3,637
Missouri.....	300,083	28,776	22,083	20,328	39,112	68,060	57,328	22,062	34,014	4,060
South Dakota.....	35,880	4,710	4,035	3,078	6,832	8,391	5,172	1,120	1,087	2,702
South Dakota.....	39,937	3,797	3,573	3,563	7,477	10,768	6,675	1,544	1,461	3,180
Nebraska.....	117,657	6,470	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	22,592	5,269	5,894	2,708
South Atlantic.....	926,400	130,127	74,167	58,647	116,400	191,160	156,037	63,328	111,969	3,749
Delaware.....	24,063	1,130	1,146	1,224	2,779	5,822	6,245	2,411	2,785	4,378
Maryland.....	176,702	9,260	6,785	7,521	21,051	54,793	42,204	12,055	10,149	4,525
Dist. of Columbia.....	47,190	78	211	249	850	3,436	6,698	12,287	10,430	6,245
Virginia.....	149,330	23,553	13,024	10,071	19,222	29,767	22,989	9,006	16,425	3,392
West Virginia.....	103,802	11,068	8,885	7,009	15,262	23,308	17,775	9,915	10,450	2,620
North Carolina.....	135,875	23,787	14,794	12,030	19,735	24,314	16,722	6,288	13,630	2,763
South Carolina.....	65,707	14,134	4,946	3,492	6,520	9,471	7,804	2,701	5,275	2,710
Georgia.....	114,808	23,756	11,138	8,127	14,880	20,616	16,215	6,247	10,631	2,860
Florida.....	119,523	23,211	12,229	8,265	10,071	20,275	16,435	5,458	14,133	2,892
East South Central.....	463,271	69,775	46,557	36,188	61,837	90,559	66,474	23,436	34,596	2,844
Kentucky.....	145,035	27,563	13,832	10,433	18,864	31,356	26,877	9,204	12,555	3,265
Tennessee.....	133,660	23,592	14,119	11,007	19,695	28,377	19,146	7,333	10,595	2,003
Alabama.....	105,494	20,057	11,732	8,839	15,136	19,817	14,323	4,604	8,151	2,710
Mississippi.....	65,032	13,645	7,124	4,984	8,192	11,006	7,128	2,116	3,526	2,074
West South Central.....	716,969	162,932	66,222	53,231	100,760	152,049	92,187	26,773	50,379	2,753
Arkansas.....	81,653	20,600	10,079	7,435	12,103	14,617	7,834	2,253	3,490	2,090
Louisiana.....	111,071	27,970	9,826	7,281	12,069	19,336	15,069	5,895	10,617	2,730
Oklahoma.....	140,483	35,830	14,770	11,350	21,186	30,841	17,435	5,246	8,973	2,512
Texas.....	374,755	68,482	31,647	27,162	54,792	87,255	51,849	16,379	27,206	2,998
Mountain.....	306,747	64,007	28,627	24,278	46,859	69,669	41,834	10,343	13,497	2,694
Montana.....	39,378	8,177	4,705	3,893	6,679	8,041	4,418	1,136	1,366	2,304
Idaho.....	33,025	5,923	3,022	3,140	5,064	7,593	3,176	622	773	2,433
Wyoming.....	15,289	2,370	1,000	1,083	2,321	2,740	2,506	666	773	3,136
Colorado.....	90,552	13,936	6,409	7,443	15,263	24,275	15,746	4,382	5,418	3,209
New Mexico.....	30,715	15,690	2,312	1,550	2,724	3,750	2,370	662	916	( <sup>2</sup> )
Arizona.....	33,017	6,361	2,795	2,295	3,844	6,249	4,179	1,167	1,814	2,303
Utah.....	50,730	9,332	4,673	4,389	9,100	14,712	7,695	1,444	1,634	3,095
Nevada.....	8,960	2,641	716	470	1,064	1,539	1,297	374	705	2,541
Pacific.....	932,297	44,702	41,515	44,978	114,376	250,823	225,935	71,012	123,932	4,899
Washington.....	183,333	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	4,416	5,907	3,574
California.....	632,202	19,960	18,864	20,290	58,191	159,294	176,701	60,404	108,888	5,491

<sup>1</sup> For definition of median, see note 1, table 22.

<sup>2</sup> Less than \$1,000.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. VI.



AREA AND POPULATION

No. 44.—HOMES, FARM, OWNED, BY VALUE GROUPS, BY STATES: 1930

DIVISION AND STATE	All homes on farms operated by owners or managers	NUMBER OF HOMES VALUED AT—								Value not reported	Median value <sup>1</sup>
		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	3,624,283	1,569,990	554,824	359,149	482,438	337,894	112,358	20,368	22,108	145,154	\$1,136
New England	117,040	27,098	19,715	14,090	21,539	18,382	7,915	1,653	1,928	4,720	1,832
Maine	37,251	13,638	7,675	4,507	5,196	3,266	1,071	191	153	1,554	1,274
New Hampshire	14,110	3,417	2,917	2,073	2,758	1,640	467	90	104	644	1,596
Vermont	22,489	6,130	4,576	3,269	4,364	2,634	750	111	120	545	1,541
Massachusetts	24,156	2,336	2,599	2,405	5,132	6,001	2,997	657	749	1,281	2,799
Rhode Island	2,907	294	391	317	594	676	332	77	97	129	2,652
Connecticut	16,127	1,284	1,567	1,629	3,495	4,165	2,298	527	705	567	2,976
Middle Atlantic	305,148	54,966	53,968	39,396	55,478	51,739	20,173	3,832	4,932	10,848	1,986
New York	138,698	22,482	24,083	17,979	30,869	24,507	9,619	1,823	2,429	4,807	2,076
New Jersey	21,430	1,556	2,079	1,918	4,560	5,765	3,413	675	804	920	3,046
Pennsylvania	145,026	30,918	27,801	19,499	30,047	21,467	7,411	1,354	1,699	4,829	1,792
E. N. Central	702,525	201,574	131,705	84,812	135,345	87,825	23,642	3,467	2,933	21,322	1,539
Ohio	161,692	45,946	31,453	22,504	31,085	18,892	4,866	737	674	5,541	1,515
Indiana	126,996	40,688	26,329	16,258	19,281	10,541	2,562	322	326	4,688	1,276
Illinois	122,015	37,933	20,925	13,033	20,197	17,200	7,224	1,343	1,113	3,648	1,536
Michigan	143,177	40,260	25,263	21,373	27,729	15,737	3,446	497	466	4,400	1,498
Wisconsin	148,646	31,843	23,730	21,644	37,053	25,465	5,444	558	354	3,645	1,910
W. N. Central	698,586	203,662	117,383	84,414	118,266	88,032	29,604	4,751	3,068	19,496	1,521
Minnesota	127,617	33,535	21,278	17,973	27,421	19,122	4,722	544	258	2,764	1,712
Iowa	113,313	12,528	15,474	14,557	27,032	26,416	11,088	1,079	1,160	2,771	2,459
Missouri	166,864	78,580	32,553	18,063	18,765	10,258	3,089	561	570	4,425	1,441
North Dakota	30,575	16,528	9,263	6,450	8,289	5,898	1,663	247	131	2,135	1,015
South Dakota	40,063	18,742	7,194	5,509	7,930	5,731	1,898	245	137	1,677	1,448
Nebraska	68,438	18,678	11,813	9,373	14,135	11,730	4,432	741	460	2,070	1,910
Kansas	95,716	32,770	19,808	12,479	14,684	8,907	2,614	464	336	3,654	1,335
South Atlantic	548,864	324,034	74,112	30,774	43,429	27,475	10,163	2,327	3,454	24,126	782
Delaware	6,425	1,969	1,470	802	906	680	310	45	88	155	1,397
Maryland	31,762	9,217	5,064	3,637	5,555	4,512	1,765	410	740	862	1,661
Dist. of Col.	80	7	7	7	10	19	14	6	8	7	—
Virginia	122,640	63,166	17,312	10,744	12,885	9,165	3,773	897	1,330	3,368	941
North Carolina	87,294	39,992	10,377	5,543	5,528	2,929	839	197	194	2,295	810
West Carolina	142,063	93,843	19,799	9,771	8,510	3,941	1,064	247	270	4,648	700
South Carolina	55,053	37,249	6,495	3,161	3,280	1,933	741	158	233	1,893	805
Georgia	81,208	56,436	9,723	4,213	4,077	2,172	722	142	217	3,506	617
Florida	42,229	22,700	3,865	1,896	2,678	2,104	935	225	374	7,392	073
E. S. Central	466,236	343,714	48,580	21,159	20,499	11,762	4,080	898	1,310	16,233	513
Kentucky	158,078	112,704	15,939	7,245	7,953	5,114	1,849	407	621	6,311	(?)
Tennessee	132,137	92,772	15,957	7,288	6,634	3,540	1,089	261	347	4,259	598
Alabama	90,875	70,312	9,008	3,447	2,893	1,472	512	111	125	2,523	(?)
Mississippi	87,046	67,326	7,746	3,179	3,042	1,636	630	180	217	3,140	(?)
W. S. Central	416,993	263,036	55,574	29,407	28,222	15,062	4,204	879	1,108	18,411	711
Arkansas	80,643	71,163	8,332	3,201	2,291	1,042	321	68	105	3,117	(?)
Louisiana	53,894	39,014	5,185	2,312	2,334	1,463	584	110	189	1,803	540
Oklahoma	75,597	47,671	11,028	6,062	5,547	2,795	755	171	196	3,512	761
Texas	193,829	104,385	30,129	17,832	18,050	9,762	2,544	530	618	9,979	879
Mountain	182,488	97,391	22,581	13,547	16,990	11,626	3,628	611	714	15,400	806
Montana	35,867	21,680	4,587	2,511	2,951	1,858	845	94	114	1,427	719
Idaho	31,115	14,870	4,665	3,015	3,789	2,388	844	32	62	1,900	1,004
Wyoming	12,461	7,624	1,495	829	948	640	254	50	100	551	702
Colorado	39,284	18,600	5,463	3,336	4,198	2,882	918	169	165	2,533	921
New Mexico	25,074	16,369	1,571	695	846	498	160	37	60	2,338	(?)
Arizona	11,842	6,087	1,065	637	848	747	266	67	118	2,007	685
Utah	23,838	8,225	3,367	2,273	3,067	2,250	561	72	52	3,984	1,254
Nevada	2,997	1,235	378	251	343	363	180	40	43	164	1,240
Pacific	216,463	74,515	31,206	22,550	32,682	25,981	9,149	1,896	2,671	14,800	1,414
Washington	58,826	24,453	9,357	6,691	8,315	5,298	1,437	257	211	2,407	1,191
Oregon	46,363	19,612	7,417	5,129	6,317	4,219	1,113	169	183	1,804	1,187
California	111,274	31,050	13,922	10,830	18,050	16,474	6,599	1,473	2,277	10,589	1,747

<sup>1</sup> For definition of median, see note 1, table 22.

<sup>2</sup> Less than \$500.

Source: Department of Commerce, Bureau of the Census; special report on Farm Dwellings.

## No. 45.—HOMES, NONFARM, RENTED, BY MONTHLY-RENTAL GROUPS, 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 <sup>1</sup>
		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	2,546,208	3,181,435	1,603,401	343,071	255,339	\$27.15
New England.....	1,025,519	48,609	102,656	199,308	299,291	309,949	87,819	16,398	11,349	27.29
Maine.....	70,427	10,053	12,370	13,093	18,943	11,093	2,095	288	163	19.36
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	16.46
Massachusetts.....	665,870	13,803	45,209	65,684	160,224	196,250	59,608	11,683	7,748	29.70
Rhode Island.....	95,644	4,390	11,465	16,605	33,588	22,560	4,471	1,021	797	24.49
Connecticut.....	210,605	7,528	16,125	26,695	64,047	68,478	19,822	3,208	2,534	28.41
Mid. Atlantic.....	3,382,819	128,126	194,826	274,996	677,338	1,103,907	634,017	150,537	141,641	36.84
New York.....	1,923,410	30,346	70,886	121,993	331,629	636,369	455,302	109,746	112,880	41.24
New Jersey.....	495,802	7,582	19,523	35,407	110,629	187,412	93,740	19,488	12,825	37.49
Pennsylvania.....	963,607	90,197	104,417	117,596	235,180	280,128	84,475	21,305	15,936	26.91
E. N. Central.....	2,542,673	157,676	218,987	267,832	520,036	729,137	443,748	109,467	67,266	32.53
Ohio.....	690,692	41,400	64,998	79,799	170,342	227,370	75,180	14,546	7,993	29.08
Indiana.....	256,428	33,558	44,814	44,020	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	60,898	37,131	30.69
Michigan.....	440,777	23,545	25,043	29,887	70,151	149,617	100,701	17,170	8,297	37.90
Wisconsin.....	218,059	13,961	20,820	26,156	62,167	66,116	26,971	5,007	2,419	28.79
W. N. Central.....	1,003,999	109,182	150,613	150,178	229,513	239,369	75,957	14,366	8,313	33.43
Minnesota.....	182,857	11,855	20,327	26,451	45,275	53,113	18,118	2,400	1,393	26.33
Iowa.....	172,445	16,669	29,011	29,701	44,415	38,521	8,649	1,128	416	22.00
Missouri.....	367,810	44,068	48,532	45,842	71,973	90,140	34,334	8,514	5,616	24.90
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	26.68
Nebraska.....	88,985	8,048	14,001	14,782	21,080	20,264	5,663	892	497	22.61
Kansas.....	136,466	21,304	26,030	22,107	32,276	23,634	4,767	584	251	19.03
South Atlantic.....	1,377,451	479,491	295,425	140,525	208,731	181,482	71,455	16,444	11,424	14.17
Delaware.....	23,497	2,966	2,587	2,742	5,691	6,294	2,013	398	248	25.58
Maryland.....	151,023	19,398	17,193	17,801	39,044	38,042	9,581	2,839	2,569	24.84
Dist. of Col.....	75,223	1,482	2,201	4,018	9,979	27,062	19,433	6,101	3,735	44.28
Virginia.....	185,338	56,352	35,413	23,844	29,511	22,819	9,446	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	6,662	1,299	574	11.90
S. Carolina.....	132,013	81,796	17,518	8,791	10,886	7,521	1,937	356	190	(?)
Georgia.....	242,642	110,845	42,465	22,868	25,838	20,287	8,303	2,002	922	10.70
Florida.....	188,045	57,778	35,973	20,518	34,264	22,307	7,307	1,500	1,589	14.66
E. S. Central.....	693,279	275,679	194,587	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	14.36
Tennessee.....	194,015	64,417	40,588	24,372	27,675	19,744	8,035	1,949	801	13.66
Alabama.....	205,076	100,576	38,917	17,780	19,993	14,374	5,125	960	523	(?)
Mississippi.....	97,661	47,926	18,099	7,785	9,048	7,808	1,942	402	133	(?)
W. S. Central.....	954,377	248,529	164,039	118,183	185,044	144,573	42,735	8,063	4,667	16.99
Arkansas.....	103,324	42,705	19,201	10,297	13,802	8,783	2,084	304	200	11.56
Louisiana.....	190,850	57,704	32,010	27,432	35,924	23,278	7,163	1,615	1,018	15.62
Oklahoma.....	188,301	35,058	32,042	22,816	30,717	35,461	11,914	2,317	1,100	20.07
Texas.....	471,902	113,059	79,889	37,618	95,601	77,051	21,674	3,927	2,349	17.83
Mountain.....	334,641	57,540	55,869	47,390	74,085	63,893	17,634	2,826	1,822	19.99
Montana.....	45,180	6,099	7,441	6,747	10,834	9,328	2,604	323	179	21.31
Idaho.....	31,091	5,666	6,657	5,243	7,457	4,823	897	89	80	17.99
Wyoming.....	23,293	3,161	4,550	3,770	5,062	4,495	1,000	129	93	19.93
Colorado.....	100,080	13,562	15,470	13,563	23,623	21,760	6,640	1,185	725	22.38
New Mexico.....	31,222	11,314	5,110	3,272	4,766	4,056	970	118	98	13.46
Arizona.....	49,009	10,194	7,847	6,271	9,523	9,033	2,723	526	411	19.17
Utah.....	40,842	5,349	7,034	6,869	10,655	7,928	1,979	300	168	20.70
Nevada.....	12,118	2,196	1,760	1,645	2,465	2,470	921	156	133	21.12
Pacific.....	1,036,901	61,144	82,976	100,562	261,142	363,419	106,805	16,948	16,199	39.82
Washington.....	149,822	14,855	20,223	22,356	39,331	33,430	10,519	1,567	921	23.60
Oregon.....	98,033	13,143	14,009	14,681	24,212	19,641	4,248	560	474	21.51
California.....	793,986	33,110	49,743	63,525	197,599	300,348	92,038	17,821	14,804	32.73

<sup>1</sup> For definition of median, see note 1, table 22.<sup>2</sup> Less than \$10.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. VI,

AREA AND POPULATION

No. 46.—HOMES, FARM, TENANT, BY VALUE GROUPS, BY STATES: 1930

DIVISION AND STATE	All tenant-farm homes	NUMBER OF HOMES VALUED AT—								Value not re-ported	Median value <sup>1</sup>
		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	2,664,365	1,742,551	233,061	137,155	159,676	87,773	21,715	3,038	2,398	277,048	(?)
New England	7,885	2,038	1,219	822	1,241	1,008	418	75	66	998	\$1,613
Maine	1,755	731	306	144	157	107	27	4	2	277	1,013
New Hampshire	796	263	144	97	114	67	6	3	3	94	1,288
Vermont	2,409	694	455	310	470	268	82	14	10	106	1,504
Massachusetts	1,442	199	151	112	249	262	126	17	27	299	2,440
Rhode Island	415	56	54	53	71	79	29	4	4	65	2,169
Connecticut	1,068	90	109	106	180	226	148	33	20	157	2,836
Middle Atlantic	52,455	7,998	8,652	6,517	11,417	8,973	3,099	481	508	4,312	2,058
New York	21,113	3,126	3,708	2,719	4,743	3,444	1,163	202	227	1,776	2,024
New Jersey	9,948	278	428	351	869	955	408	74	85	500	2,708
Pennsylvania	27,994	4,592	4,516	3,447	5,800	4,574	1,528	205	196	2,535	1,932
E. N. Central	263,977	72,084	61,044	37,019	50,643	29,015	6,837	730	577	16,158	1,510
Ohio	57,004	14,964	11,648	8,784	11,284	5,600	1,065	135	96	3,988	1,511
Indiana	54,575	19,009	11,485	7,220	8,164	3,638	705	97	80	4,174	1,389
Illinois	92,482	25,753	17,432	11,900	17,412	11,512	3,338	429	302	4,374	1,535
Michigan	20,195	6,552	5,065	3,974	5,169	2,949	538	59	52	1,837	1,671
Wisconsin	39,121	5,786	5,411	5,141	8,034	5,256	991	70	47	1,785	1,936
W. N. Central	444,169	165,611	93,141	55,849	65,414	34,270	7,684	981	515	30,724	1,247
Minnesota	57,033	14,355	11,173	9,302	12,440	5,938	986	84	40	2,700	1,597
Iowa	101,615	18,101	19,539	16,344	23,376	14,960	3,730	470	248	4,858	1,829
Missouri	89,376	32,451	13,712	8,957	6,102	2,512	528	88	59	6,667	703
North Dakota	27,400	11,296	5,133	3,064	3,262	1,556	342	38	28	2,631	1,164
South Dakota	37,094	14,038	6,979	4,764	5,182	2,427	502	64	24	3,144	1,213
Nebraska	61,020	20,583	13,222	8,210	9,102	4,448	1,072	135	65	4,163	1,296
Kansas	70,326	34,807	13,333	6,708	5,950	2,379	515	82	51	6,451	933
South Atlantic	509,574	401,708	26,302	10,570	8,403	4,968	1,487	233	310	54,545	(?)
Delaware	3,282	1,003	665	327	444	320	133	13	14	363	1,343
Maryland	11,441	3,663	1,765	1,222	1,937	1,357	428	80	95	894	1,456
Dist. of Col.	24	6	3	1	5	7	1	1			
Virginia	47,970	31,525	4,146	2,212	2,303	1,434	402	98	123	5,637	(?)
West Virginia	15,347	10,881	1,393	693	845	349	76	14	20	1,276	(?)
North Carolina	137,615	108,664	8,697	3,017	1,879	922	131	22	27	14,556	(?)
South Carolina	102,768	87,573	3,179	1,036	867	364	97	24	18	9,560	(?)
Georgia	174,390	146,888	5,896	1,800	1,120	390	97	25	10	18,164	(?)
Florida	16,737	11,505	558	212	203	123	32	6	3	4,095	(?)
E. S. Central	593,978	493,533	14,753	5,228	4,390	2,144	621	120	113	73,076	(?)
Kentucky	88,421	62,143	4,834	1,950	2,009	1,036	320	59	59	15,956	(?)
Tennessee	113,520	89,238	4,875	1,843	1,373	614	173	35	20	15,333	(?)
Alabama	166,420	146,372	3,058	860	561	248	58	17	11	15,235	(?)
Mississippi	225,617	195,780	1,986	575	442	197	64	9	17	26,547	(?)
W. S. Central	687,231	543,390	33,723	13,053	8,464	2,925	597	153	124	84,802	(?)
Arkansas	152,691	128,303	2,952	848	472	207	49	13	11	19,336	(?)
Louisiana	107,551	94,279	1,517	532	443	209	62	20	13	10,470	(?)
Oklahoma	126,329	99,130	7,934	2,877	1,851	728	156	34	31	12,588	(?)
Texas	301,660	221,678	21,320	8,796	5,698	1,781	330	80	69	41,002	(?)
Mountain	58,826	34,736	7,353	3,941	3,785	1,541	463	69	62	6,576	682
Montana	11,628	7,649	1,314	623	642	295	90	10	10	9,905	567
Idaho	10,559	5,780	1,572	854	813	355	84	10	10	1,051	801
Wyoming	3,620	2,193	459	223	219	101	38	7	6	274	665
Colorado	20,992	11,196	2,964	1,707	1,599	735	171	26	22	2,272	800
New Mexico	6,330	4,801	358	164	119	66	20	5	2	795	(?)
Arizona	2,331	1,354	264	126	122	78	26	5	7	359	634
Utah	3,321	1,567	358	222	234	133	21	4	3	774	789
Nevada	445	196	74	22	37	43	13	2	2	56	991
Pacific	46,276	21,445	8,874	4,156	4,819	2,631	709	156	123	5,357	952
Washington	12,078	6,093	1,907	1,106	1,225	648	139	28	17	945	914
Oregon	9,790	4,851	1,646	981	1,007	439	107	20	10	729	935
California	24,402	10,531	3,321	2,069	2,587	1,544	463	108	96	3,683	983

<sup>1</sup> For definition of median, see note 1, table 22.

<sup>2</sup> Less than \$500.

Source: Department of Commerce, Bureau of the Census; special report on Farm Dwellings.

NO. 47.—ILLITERACY OF PERSONS 10 YEARS OF AGE AND OVER, BY RACE,  
NATIVITY, AND SEX, BY GEOGRAPHIC DIVISIONS: 1930

NOTE.—For definition of urban population, see table 9. Illiteracy in this and subsequent tables is defined as inability to write in any language, regardless of ability to read. Percents represent proportion illiterate in the total number of persons of given class and age

DIVISION, SEX, AND AGE	ALL CLASSES <sup>1</sup>		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 <sup>2</sup> .....	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	171,504	1.3	30,339	.6	55,595	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.....	1,935,112	4.4	155,493	.8	55,620	.5	1,327,620	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.....	4,233,753	4.3	886,469	1.8	116,665	.6	1,304,084	9.9	1,513,882	16.3
Males.....	2,193,293	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	5.8	855,318	2.2	99,660	.7	1,296,502	10.3	1,306,650	20.0
Urban, total.....	1,800,804	3.2	183,227	.8	60,369	.4	1,063,845	10.9	385,849	9.2
10 to 20 years.....	65,863	.5	17,056	.2	9,661	.2	6,325	1.3	22,556	2.3
21 years and over.....	1,734,741	4.0	146,171	.7	50,708	.5	1,057,520	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	23.2
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	6,061	1.6	30,623	11.5	1,098	11.0
Middle Atlantic.....	757,223	3.5	52,050	.6	30,693	.5	636,479	12.2	32,323	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	545,551	11.9	25,644	3.3
Rural, total.....	135,630	2.9	28,915	1.0	9,448	1.0	98,928	15.0	6,579	7.3
East North Central.....	442,064	2.1	79,697	.7	30,537	.6	281,645	8.8	36,454	4.7
10 to 20 years.....	13,607	.8	7,424	.2	3,805	.2	1,337	1.0	779	.5
21 years and over.....	428,457	2.7	72,273	.9	27,282	.7	280,308	9.2	35,675	5.7
Urban, total.....	315,746	2.3	27,727	.4	14,882	.4	232,547	8.8	30,204	4.3
Rural, total.....	126,318	1.9	51,970	1.1	15,705	1.1	49,098	8.9	6,260	9.3
West North Central.....	156,089	1.4	53,276	.8	15,592	.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	12,930	5.9
Rural, total.....	92,975	1.5	40,922	1.1	10,380	.6	23,826	4.3	8,394	14.1
South Atlantic.....	1,612,523	8.3	310,381	3.9	4,202	.8	31,328	10.4	662,655	19.7
10 to 20 years.....	153,182	4.1	41,905	1.7	483	.3	180	1.5	109,534	9.6
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	6.3	1,974	1.5	9,724	12.1	504,138	23.2
East South Central.....	727,891	9.6	268,032	5.1	2,078	1.2	4,238	7.4	452,082	22.0
10 to 20 years.....	98,970	4.2	38,326	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	20.0
Urban, total.....	121,549	5.4	24,955	1.7	746	.6	2,721	6.6	95,019	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.....	675,781	7.2	172,286	2.7	10,181	2.0	16,958	9.4	302,280	17.0
10 to 20 years.....	101,159	3.6	24,052	1.2	1,150	1.1	91	2.0	35,062	6.5
21 years and over.....	574,632	8.7	148,234	3.3	9,031	2.2	15,867	9.6	267,218	21.6
Urban, total.....	157,892	4.4	23,214	1.0	2,929	1.1	7,594	7.8	79,728	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.....	120,868	4.2	26,730	1.5	2,316	.4	15,982	5.8	1,070	4.1
10 to 20 years.....	18,462	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	15,899	5.7	1,019	4.8
Urban, total.....	22,478	1.9	4,311	.7	833	.3	6,522	4.9	622	3.4
Rural, total.....	95,388	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	56,440	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	2.6
Urban, total.....	79,290	1.7	3,738	.2	2,326	.2	35,727	4.1	1,690	3.0
Rural, total.....	66,792	3.1	6,179	.5	2,671	.6	22,719	7.0	681	6.9

<sup>1</sup> Includes Indians, Chinese, Japanese, and other nonwhite not shown separately.

<sup>2</sup> 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: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. II.

AREA AND POPULATION

No. 48.—ILLITERACY OF PERSONS 10 YEARS OF AGE AND OVER AND 21 YEARS OF AGE AND OVER, BY RACE, NATIVITY, AND SEX, BY STATES: 1930

DIVISION AND STATE	NUMBER OF ILLITERATE PERSONS 10 YEARS OF AGE AND OVER						ILLITERATE PERSONS OF VOTING AGE	
	All classes <sup>1</sup>			Native white	Foreign-born white	Negro	Male	Female
	Total	Male	Female					
Continental U. S.....	4,283,763	2,198,293	2,085,460	1,103,184	1,304,064	1,513,892	1,942,729	1,820,486
<b>New England.....</b>	<b>245,270</b>	<b>110,297</b>	<b>185,033</b>	<b>80,129</b>	<b>210,046</b>	<b>4,187</b>	<b>107,189</b>	<b>132,621</b>
Maine.....	17,172	10,294	6,878	8,617	8,393	43	9,580	6,512
New Hampshire.....	10,231	5,341	4,890	2,366	7,820	27	5,156	4,772
Vermont.....	6,299	3,805	2,494	3,261	3,005	22	3,635	2,378
Massachusetts.....	124,158	52,936	71,222	9,652	111,568	2,803	51,756	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
<b>Middle Atlantic.....</b>	<b>757,228</b>	<b>387,079</b>	<b>420,149</b>	<b>82,743</b>	<b>636,479</b>	<b>32,223</b>	<b>327,351</b>	<b>410,815</b>
New York.....	358,883	165,262	223,621	34,654	341,345	8,404	160,435	213,545
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
<b>East North Central.....</b>	<b>442,094</b>	<b>223,325</b>	<b>218,789</b>	<b>110,284</b>	<b>281,645</b>	<b>36,454</b>	<b>215,661</b>	<b>228,796</b>
Ohio.....	123,804	63,489	60,315	32,387	74,131	16,213	61,239	58,493
Indiana.....	43,721	24,609	19,112	22,510	13,536	5,605	23,605	18,442
Illinois.....	153,507	73,953	79,554	28,284	108,984	10,044	71,756	77,748
Michigan.....	76,800	38,020	38,180	14,790	55,034	4,201	37,340	37,233
Wisconsin.....	44,232	22,664	21,578	12,313	29,960	391	21,721	20,880
<b>West North Central.....</b>	<b>156,088</b>	<b>88,165</b>	<b>73,903</b>	<b>68,858</b>	<b>51,982</b>	<b>21,170</b>	<b>77,263</b>	<b>69,084</b>
Minnesota.....	26,302	13,185	13,117	7,244	16,759	180	12,428	12,543
Iowa.....	15,879	8,624	7,256	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	4,049	11	3,456	3,704
South Dakota.....	6,763	3,121	3,572	1,639	2,422	12	2,949	3,274
Nebraska.....	12,725	6,164	6,601	3,762	6,924	450	5,702	6,287
Kansas.....	18,680	10,028	8,652	7,001	4,113	3,228	9,326	8,163
<b>South Atlantic.....</b>	<b>1,012,523</b>	<b>555,456</b>	<b>487,087</b>	<b>314,583</b>	<b>31,328</b>	<b>662,055</b>	<b>455,740</b>	<b>403,595</b>
Delaware.....	7,805	4,160	3,645	1,896	2,392	3,496	3,934	3,536
Maryland.....	49,910	26,937	22,923	13,202	11,530	25,073	26,105	21,807
Dist. of Columbia.....	6,611	2,827	3,784	533	1,411	4,691	2,715	3,715
Virginia.....	162,588	93,096	68,922	65,482	1,738	95,148	78,805	61,645
West Virginia.....	62,492	38,791	25,701	42,476	9,788	10,173	33,224	23,629
North Carolina.....	236,261	130,432	105,779	93,372	450	139,105	107,944	94,279
South Carolina.....	192,878	99,523	93,355	36,246	297	150,065	74,332	77,932
Georgia.....	210,736	115,869	94,887	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
<b>East South Central.....</b>	<b>727,861</b>	<b>405,309</b>	<b>322,532</b>	<b>270,130</b>	<b>4,238</b>	<b>452,082</b>	<b>342,070</b>	<b>286,821</b>
Kentucky.....	131,545	77,834	63,711	101,605	1,287	28,553	66,858	48,407
Tennessee.....	145,460	84,489	60,971	87,406	754	57,251	71,939	54,965
Alabama.....	261,095	133,645	117,450	60,959	1,335	188,673	102,565	103,359
Mississippi.....	199,761	109,341	90,420	20,070	882	177,605	92,708	80,430
<b>West South Central.....</b>	<b>675,791</b>	<b>350,340</b>	<b>325,451</b>	<b>182,487</b>	<b>15,958</b>	<b>302,280</b>	<b>293,650</b>	<b>280,982</b>
Arkansas.....	96,818	53,600	43,152	35,890	606	60,102	45,541	38,656
Louisiana.....	219,750	109,745	110,005	71,903	6,677	139,393	93,524	97,725
Oklahoma.....	51,102	30,114	20,988	27,796	1,479	12,560	26,141	18,946
Texas.....	308,121	156,815	151,306	46,878	7,136	90,225	128,444	125,655
<b>Mountain.....</b>	<b>120,886</b>	<b>57,557</b>	<b>63,009</b>	<b>29,048</b>	<b>15,962</b>	<b>1,070</b>	<b>51,435</b>	<b>55,969</b>
Montana.....	7,303	4,042	3,261	932	3,085	52	3,873	3,116
Idaho.....	3,743	2,177	1,566	1,151	1,193	25	2,045	1,475
Wyoming.....	2,895	1,674	1,221	381	811	47	1,541	1,102
Colorado.....	23,141	10,716	12,425	5,807	7,331	403	9,962	11,646
New Mexico.....	41,845	18,329	23,516	18,733	530	140	15,739	20,567
Arizona.....	33,969	16,399	17,660	960	551	366	13,994	14,998
Utah.....	4,640	2,642	1,993	952	1,547	30	2,390	1,765
Nevada.....	3,330	1,908	1,362	130	909	7	1,891	1,300
<b>Pacific.....</b>	<b>148,082</b>	<b>75,525</b>	<b>70,557</b>	<b>14,914</b>	<b>58,448</b>	<b>2,371</b>	<b>72,384</b>	<b>67,853</b>
Washington.....	13,463	7,043	6,415	3,031	7,103	174	6,527	6,107
Oregon.....	7,818	4,423	3,391	2,043	3,743	49	4,170	3,201
California.....	124,810	64,059	60,751	9,840	46,600	2,148	61,667	58,545

<sup>1</sup> The total includes 362,643 illiterate persons among the Mexicans, Indians, Chinese, Japanese, and other nonwhite population.

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

No. 49.—ILLITERACY—PERCENT DISTRIBUTION FOR TABLE 48

DIVISION AND STATE	PERCENT ILLITERATE AMONG PERSONS 10 YEARS OF AGE AND OVER										PERCENT ILLITERATE AMONG PERSONS OF VOTING AGE, 1930	
	All classes		Male	Female	Native white		Foreign-born white		Negro		Male	Female
	1920	1930	1930	1930	1920 <sup>1</sup>	1930	1920 <sup>1</sup>	1930	1920	1930		
Continental U. S.....	8.0	4.3	4.4	4.5	2.0	1.5	18.1	9.9	22.9	16.3	5.2	5.4
New England.....	4.9	3.7	3.4	3.9	.7	.8	14.0	11.6	7.1	5.6	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	.7	.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	3.4	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	3.8	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	1.3	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	4.5	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	20.0	14.2	12.0
South Carolina.....	18.1	14.9	15.8	14.1	6.5	5.1	6.2	5.7	29.3	20.9	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	37.9	32.0	13.1	11.0
Kentucky.....	8.4	6.6	7.7	5.4	7.0	5.7	7.5	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	23.0	18.0	15.6
West South Central.....	10.0	7.2	7.3	7.0	4.1	2.8	29.9	9.4	25.3	17.0	8.7	3.7
Arkansas.....	9.4	6.8	7.4	6.2	4.5	3.5	8.3	6.6	21.8	16.1	9.2	3.2
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.....	3.3	2.8	6.8	6.3	3.0	1.4	33.8	7.3	17.8	13.4	7.8	3.0
Mountain.....	5.2	4.2	3.7	4.8	2.0	1.2	12.7	5.8	6.3	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	6.3	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	20.2
Arizona.....	15.3	10.1	9.0	11.4	2.1	.5	27.5	3.6	4.6	4.2	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	3.8	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

<sup>1</sup> 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: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. II.

NO. 50.—POPULATION 10 YEARS OF AGE AND OVER—TOTAL AND NUMBER GAINFULLY OCCUPIED, BY SEX AND AGE, CONTINENTAL UNITED STATES: 1920 AND 1930

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	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1880	47,413,559	23,318,183	49.2	24,352,659	19,312,651	79.3	23,060,900	4,005,532	17.4			
1900	57,949,824	29,073,283	50.2	29,703,440	23,753,836	80.0	28,246,384	5,139,397	18.8			
1910	71,580,270	38,167,330	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	42,280,989	33,004,737	78.2	40,449,346	8,549,511	21.1			
10 to 13 years	8,594,872	378,063	4.4	4,336,000	258,269	6.0	4,258,863	119,804	2.8			
14 years	2,046,265	567,594	12.6	1,033,297	174,683	16.9	1,012,068	82,911	8.2			
15 years	1,861,445	425,201	22.8	925,679	281,300	30.4	935,766	143,868	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	66.0	929,140	331,369	35.7			
18 and 19 years	3,740,980	2,246,203	60.0	1,845,246	1,443,908	78.3	1,895,734	802,238	42.3			
20 to 24 years	9,277,021	5,930,467	63.9	4,527,045	4,121,302	91.0	4,749,976	1,808,075	38.1			
25 to 44 years	31,278,522	18,096,959	60.7	16,028,920	15,679,586	97.2	15,249,602	3,417,373	22.4			
45 to 64 years	17,030,165	9,004,654	52.9	9,114,960	8,552,175	93.8	7,915,205	1,362,470	17.1			
65 to 69 years over	4,933,215	1,039,737	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	86,739,047	48,829,920	49.5	49,949,798	38,077,804	78.2	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	4,700,201	73,008	1.5			
14 years	2,382,385	157,660	6.6	1,206,486	110,830	9.2	1,175,899	46,821	4.0			
15 years	2,295,099	274,130	11.9	1,164,648	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	201,300	17.0			
17 years	2,295,822	891,024	38.8	1,187,150	577,983	49.9	1,138,172	313,041	27.5			
18 and 19 years	4,593,279	2,542,213	55.3	2,264,107	1,599,708	70.7	2,329,172	624,445	40.5			
20 to 24 years	10,873,378	7,147,053	65.7	5,336,815	4,709,505	88.9	5,533,563	2,347,548	42.4			
25 to 29 years	9,830,009	6,255,677	63.6	4,800,180	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	5,019,242	54.5	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	3,853,350	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	706,076	21.0			
50 to 54 years	5,975,804	3,555,001	59.5	3,131,645	2,996,041	96.7	2,844,159	560,050	19.7			
55 to 59 years	4,645,677	2,640,064	56.8	2,425,992	2,256,771	93.0	2,219,685	383,293	17.3			
60 to 64 years	3,751,221	1,950,528	52.0	1,941,503	1,684,748	86.8	1,800,713	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	104,142	11.4			
70 to 74 years	1,950,904	642,902	33.0	991,647	570,233	57.5	956,357	72,669	7.6			
75 years and over	1,013,196	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	42,200	13,402	31.8			

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. V.

NO. 51.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY SEX AND AGE GROUPS, BY RACE AND NATIVITY, AND BY OCCUPATION GROUPS, CONTINENTAL UNITED STATES: 1930

NOTE.—Percents 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 50

SEX AND AGE	NATIVE WHITE		FOREIGN-BORN WHITE		NEGRO		OTHER RACES	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male	27,511,862	78.4	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	6,621	17.8
16 and 17 years	772,196	38.6	24,584	43.2	149,853	91.2	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	208,518	93.5	517,707	93.5	107,718	91.9
25 to 29 years	3,618,047	97.0	504,561	97.9	463,423	96.6	106,235	96.0
30 to 34 years	3,327,876	97.6	639,702	98.3	403,804	96.9	88,018	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	61,754	96.9
45 to 49 years	2,342,080	97.1	850,500	97.5	314,200	97.2	53,284	96.9
50 to 54 years	1,990,962	95.6	890,811	95.6	266,330	95.7	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	89.7	72,646	87.7	9,373	77.2
70 to 74 years	410,154	50.4	116,780	48.0	38,786	76.2	4,513	61.0
75 years and over	205,884	33.5	56,045	23.5	30,228	54.2	3,559	41.6
Unknown	19,363	53.0	4,090	82.0	4,959	70.2	1,727	77.0

No. 51.—GAINFULLY WORKERS 10 YEARS OF AGE AND OVER, BY SEX AND AGE GROUPS, BY RACE AND NATIVITY, AND BY OCCUPATION GROUPS, CONTINENTAL UNITED STATES: 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	1,166,056	18.6	1,840,642	38.9	93,910	15.2
10 to 13 years.....	29,057	4.7	105	.2	41,878	8.4	2,028	2.4
14 and 15 years.....	80,863	4.1	1,616	4.4	48,120	10.1	2,800	7.6
16 and 17 years.....	403,308	20.5	22,691	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	164,198	30.5	267,688	46.9	12,820	17.0
30 to 34 years.....	769,781	22.3	122,865	23.0	210,157	46.9	10,124	16.8
35 to 39 years.....	682,261	20.8	136,152	18.4	219,580	47.7	9,602	17.2
40 to 44 years.....	549,923	20.0	124,106	17.0	160,355	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	89,026	15.0	103,328	45.5	3,889	16.7
55 to 59 years.....	261,257	16.4	69,370	13.2	87,173	42.3	2,493	15.0
60 to 64 years.....	176,139	14.0	46,237	10.8	41,711	36.3	1,698	13.2
65 to 69 years.....	102,220	10.9	27,511	8.2	23,513	32.5	1,895	10.6
70 to 74 years.....	45,758	7.1	12,152	5.0	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	963,564	12,224,345	3,561,943	5,118,787	838,622	1,727,650	1,773,200	2,038,494
10 to 13 years.....	139,097	219	135	3,493	506	14,126	132	843	2,506	603
14 and 15 years.....	203,403	1,330	1,034	31,696	7,579	30,088	327	3,203	7,943	11,879
16 and 17 years.....	433,082	5,790	18,336	233,980	49,105	93,868	4,224	14,617	23,612	77,880
18 and 19 years.....	527,910	10,574	40,670	484,121	117,400	158,658	21,049	33,876	61,146	144,364
20 to 24 years.....	1,156,936	33,572	130,183	1,556,865	488,773	548,973	85,809	189,193	193,758	415,443
25 to 29 years.....	902,211	31,252	130,251	1,569,965	541,351	639,810	96,753	259,527	211,064	332,082
30 to 34 years.....	825,080	26,960	123,036	1,501,455	500,921	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	691,139	84,764	189,698	203,921	162,182
45 to 49 years.....	844,049	25,738	104,392	1,214,428	329,889	603,299	78,104	162,528	177,055	128,712
50 to 54 years.....	802,094	21,263	76,598	957,615	251,127	418,990	70,182	142,300	148,105	102,267
55 to 59 years.....	662,246	15,218	50,130	690,130	174,155	307,423	65,293	108,043	109,666	74,467
60 to 64 years.....	539,104	10,517	30,229	490,122	120,549	220,388	55,913	79,425	84,994	53,602
65 to 69 years.....	385,893	6,413	15,969	291,323	66,262	132,350	39,334	47,373	57,016	30,967
70 to 74 years.....	241,862	3,181	6,219	134,647	23,735	67,689	20,662	26,687	31,021	14,630
75 years and over.....	147,369	1,489	2,346	56,980	8,016	31,868	8,824	16,775	15,791	6,258
Unknown.....	4,645	815	593	11,374	3,514	4,232	684	1,744	2,571	1,357
Female.....	909,939	329	759	1,886,307	281,204	662,680	17,583	1,526,234	3,180,251	1,986,830
10 to 13 years.....	65,866	3	2	1,268	77	620	11	126	4,965	100
14 and 15 years.....	60,531	10	13	31,809	555	4,781	16	672	30,701	4,221
16 and 17 years.....	72,989	18	70	164,005	17,233	44,480	42	8,458	129,547	77,499
18 and 19 years.....	67,936	26	95	219,660	41,291	85,063	90	74,677	204,153	249,442
20 to 24 years.....	112,811	36	147	396,692	88,858	181,613	1,662	419,057	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	29,686	106,275	2,132	185,690	327,764	222,311
35 to 39 years.....	48,689	40	75	178,510	20,943	112,422	2,464	166,604	355,605	162,209
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	3,263	35,641	1,289	49,112	169,858	20,226
60 to 64 years.....	38,200	10	14	38,587	1,962	20,379	743	30,322	126,786	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	1	1	4,068	157	1,748	67	2,721	17,709	492
Unknown.....	438	2	2	1,849	234	1,151	35	2,726	5,076	1,889

Source: Department of Commerce, Bureau of the Census: Fifteenth Census Reports, Population, Vol. V. 267706°—41—6



## NO 52.—GAINFUL WORKERS 10 YEARS OF AGE AND

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 U. S. . . . .	9,662,089	260,140	988,664	12,224,345	3,561,943	5,118,787	838,022	1,727,650	1,772,200
New England. . . . .	206,338	22,007	6,601	1,176,769	232,075	368,617	75,897	124,777	125,706
Maine. . . . .	49,973	9,103	1,434	95,266	24,372	27,923	6,257	8,971	8,853
New Hampshire. . . . .	21,493	2,176	519	69,375	13,422	16,371	3,066	5,760	6,040
Vermont. . . . .	37,234	749	2,350	37,105	10,438	11,600	2,700	3,898	3,416
Massachusetts. . . . .	53,720	7,687	1,435	908,316	126,171	210,499	42,528	72,660	72,361
Rhode Island. . . . .	8,607	1,066	237	111,631	17,722	30,879	7,394	9,189	10,645
Connecticut. . . . .	35,311	1,227	626	254,066	30,950	71,445	13,022	24,299	24,390
Middle Atlantic. . . . .	660,058	13,474	311,790	3,353,133	899,336	1,328,792	218,847	459,079	497,316
New York. . . . .	260,233	5,196	9,119	1,668,416	468,713	742,401	115,927	252,223	314,451
New Jersey. . . . .	61,975	2,845	3,633	580,945	139,348	208,693	37,576	75,135	63,866
Pennsylvania. . . . .	243,850	5,433	290,038	1,203,772	301,275	377,798	95,344	131,721	118,999
East North Central. . . . .	1,413,202	25,662	144,609	3,237,041	784,512	1,109,246	155,074	374,889	352,559
Ohio. . . . .	303,582	2,213	30,374	889,451	214,320	285,560	38,131	100,568	86,357
Indiana. . . . .	243,947	1,201	21,095	383,615	97,800	126,616	16,979	44,276	37,955
Illinois. . . . .	343,746	2,387	60,262	910,372	265,602	392,334	51,342	126,233	137,164
Michigan. . . . .	241,066	12,531	20,380	730,149	124,374	196,085	34,864	66,315	62,281
Wisconsin. . . . .	280,861	7,240	3,234	323,454	72,416	108,651	13,758	37,497	28,802
West North Central. . . . .	1,652,311	11,144	53,120	896,148	385,735	546,327	86,270	189,337	155,259
Minnesota. . . . .	294,294	6,040	10,735	185,558	72,685	106,140	13,501	33,788	30,103
Iowa. . . . .	324,072	772	8,602	158,321	71,415	99,154	11,002	29,561	23,640
Missouri. . . . .	358,243	3,761	10,318	308,142	112,360	168,200	19,546	50,457	55,005
North Dakota. . . . .	130,318	35	1,088	20,751	13,782	19,373	1,856	6,854	4,737
South Dakota. . . . .	127,584	217	1,496	25,935	14,179	21,490	2,723	7,780	4,402
Nebraska. . . . .	163,334	155	670	76,154	38,499	57,011	6,053	17,433	14,684
Kansas. . . . .	223,966	174	14,251	122,287	62,815	74,860	11,580	23,464	21,641
South Atlantic. . . . .	1,678,088	53,360	140,392	1,215,490	375,929	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	60	84	41,806	16,174	26,612	13,165	16,045	16,746
Virginia. . . . .	252,339	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	8,998	2,739	221,930	48,019	76,607	11,520	23,285	27,072
South Carolina. . . . .	250,039	3,345	927	114,925	28,285	37,506	7,913	11,321	12,530
Georgia. . . . .	412,311	5,164	3,414	189,226	69,265	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. . . . .	1,492,053	19,677	108,262	561,071	211,844	262,098	33,693	80,129	87,783
Kentucky. . . . .	342,589	2,170	61,756	141,932	61,550	69,651	10,244	24,339	23,167
Tennessee. . . . .	346,276	4,400	14,594	169,572	62,810	79,554	9,802	23,747	28,968
Alabama. . . . .	388,316	5,460	31,403	163,731	52,698	63,528	8,762	19,153	21,530
Mississippi. . . . .	414,872	7,638	509	75,836	34,686	30,365	4,885	12,890	14,118
West South Central. . . . .	1,640,063	28,319	80,424	707,265	303,355	418,400	67,009	126,363	148,156
Arkansas. . . . .	336,368	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. . . . .	203,279	2,207	41,273	133,025	51,457	85,852	12,158	28,301	27,044
Texas. . . . .	761,710	6,387	34,688	356,118	162,652	221,657	36,008	64,858	80,219
Mountain. . . . .	415,488	12,455	80,794	236,104	116,122	131,691	24,804	53,034	46,705
Montana. . . . .	77,400	2,616	14,949	32,398	18,119	17,236	3,016	6,588	6,082
Idaho. . . . .	20,112	5,470	5,577	25,419	10,751	13,774	1,620	5,500	4,149
Wyoming. . . . .	64,781	814	6,312	14,792	9,363	6,542	3,911	2,978	2,106
Colorado. . . . .	101,990	1,249	17,483	70,761	32,193	45,533	6,438	16,646	14,842
New Mexico. . . . .	56,689	1,142	7,002	20,158	12,638	10,059	1,296	4,742	4,242
Arizona. . . . .	36,511	809	13,073	30,491	13,274	16,771	4,704	7,044	6,464
Utah. . . . .	40,284	235	10,508	34,268	14,114	18,146	2,945	7,575	5,680
Nevada. . . . .	8,710	120	4,992	7,817	5,680	3,630	584	1,871	2,331
Pacific. . . . .	498,520	63,462	47,572	852,344	273,036	477,372	81,092	173,049	178,540
Washington. . . . .	99,374	31,894	5,710	178,009	56,326	75,928	15,715	25,581	25,329
Oregon. . . . .	78,769	18,625	2,165	98,865	34,030	45,261	6,068	15,879	14,451
California. . . . .	320,377	12,933	39,697	576,570	182,680	356,183	66,319	131,589	138,760

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. V.

OVER, BY SEX, BY OCCUPATION GROUPS, BY STATES: 1930

females gainfully employed, see table 53

MALE— con.		FEMALE										DIVISION AND STATE
Clerical occupa- tions	Agri- culture	Forest- ry and fish- ing	Extrac- tion of min- erals	Manu- facturing and mech- anical indus- tries	Trans- porta- tion and commu- nication	Trade	Public service (not else- where classi- fied)	Profes- sional service	Domes- tic and personal service	Clerical occupa- tions		
2,038,494	900,039	329	759	1,886,307	281,204	662,680	17,563	1,526,234	3,180,251	1,986,830	U. S.	
151,710	6,281	20	-----	303,199	20,981	70,339	1,074	127,401	217,812	194,484	N. E.	
7,968	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.	
3,325	880	-----	-----	4,345	872	2,210	73	5,283	10,471	4,203	Vt.	
89,939	1,923	4	-----	104,977	12,296	40,560	594	70,959	119,806	117,850	Mass.	
11,974	1,354	3	-----	30,831	1,350	5,923	67	8,884	16,581	14,064	R. I.	
33,955	1,189	3	-----	55,309	3,669	12,980	185	24,172	38,510	41,891	Conn.	
674,212	16,301	12	228	619,546	80,255	231,748	3,293	568,868	696,807	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	12,000	32,245	461	51,816	104,698	104,339	N. J.	
175,981	7,075	4	113	212,818	19,847	81,781	1,032	108,204	218,513	154,505	Pa.	
466,113	37,948	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	60,807	1,045	78,533	157,898	115,646	Ohio.	
42,187	5,937	2	8	40,490	5,908	25,881	575	34,770	66,647	46,006	Ind.	
189,510	8,231	2	10	125,324	26,517	75,342	1,038	96,081	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	22,808	350	35,831	58,081	41,395	Wis.	
171,021	44,761	20	52	108,748	30,577	102,437	2,372	191,517	293,685	174,016	W. N. C.	
35,989	9,205	15	1	20,581	5,930	21,271	358	40,471	61,956	41,068	Minn.	
22,705	6,809	-----	2	14,828	5,609	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	60,790	Mo.	
4,796	3,575	-----	-----	1,244	1,140	2,938	138	10,711	12,760	3,707	N. D.	
3,909	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	10,204	238	22,231	28,151	15,826	Nebr.	
20,016	5,424	-----	35	9,428	4,655	14,443	473	27,107	37,818	19,817	Kans.	
108,991	289,344	87	54	248,057	21,282	83,713	2,013	159,760	519,030	150,168	S. A.	
4,108	5,779	-----	-----	4,075	4,277	1,809	28	2,602	7,147	4,216	Del.	
33,685	2,677	6	-----	34,730	3,499	14,111	257	18,745	50,277	27,390	Md.	
22,622	2,23	-----	-----	4,702	2,417	6,044	653	10,524	33,736	30,030	D. C.	
25,487	18,157	9	3	33,022	3,139	11,384	235	25,227	70,050	21,041	Va.	
14,576	5,433	-----	23	11,634	2,137	8,558	119	16,304	27,733	10,257	W. Va.	
17,935	70,654	35	1	68,799	2,545	10,800	168	28,708	75,779	15,417	N. C.	
8,176	88,590	7	-----	32,665	1,243	5,379	68	15,569	56,930	6,314	S. C.	
25,547	85,630	8	15	43,834	3,728	13,102	245	25,791	118,760	20,826	Ga.	
16,855	17,601	22	12	14,516	2,147	12,457	250	16,290	72,618	14,071	Fla.	
72,327	293,133	38	29	81,561	11,975	42,683	793	78,749	266,878	61,005	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	149	20,504	80,815	13,621	Ala.	
8,378	142,195	7	2	6,628	1,840	6,954	146	15,071	51,909	0,970	Miss.	
126,682	188,817	81	105	54,824	20,479	72,015	1,504	116,570	311,276	95,997	W. S. C.	
9,671	48,025	24	1	4,834	2,045	7,351	172	13,135	35,955	7,051	Ark.	
26,386	48,152	38	63	14,803	3,215	12,495	149	18,195	77,946	10,367	La.	
22,772	12,812	4	13	5,908	4,030	14,392	361	24,696	46,126	20,314	Okla.	
67,853	70,828	15	28	20,189	10,589	37,777	825	60,544	151,248	51,665	Tex.	
42,508	13,896	10	40	19,041	7,441	26,219	952	51,721	77,634	38,096	Mont.	
2,902	2,109	2	3	1,220	900	3,499	146	8,368	11,201	4,766	Idaho.	
3,484	1,414	3	-----	1,233	772	2,867	114	5,827	6,883	3,171	Wyo.	
2,320	1,016	-----	1	303	435	1,184	70	3,470	4,465	1,737	-----	
14,739	4,078	1	5	5,973	2,681	9,224	260	16,846	26,408	15,517	-----	
2,538	2,211	4	6	3,104	514	1,733	73	4,383	8,004	2,009	-----	
5,189	1,912	-----	9	4,213	508	3,038	140	6,572	10,465	4,078	-----	
7,259	963	-----	8	2,701	1,294	3,978	105	5,977	8,123	5,835	-----	
1,247	193	-----	8	174	187	696	38	1,278	2,345	983	-----	
184,870	10,480	45	58	79,797	22,917	108,232	1,836	148,272	319,168	170,337	Pac.	
25,288	4,703	27	10	11,502	3,908	17,608	281	23,407	39,151	26,070	Wash.	
14,400	3,110	7	2	8,301	2,461	10,188	183	16,068	24,792	16,120	Oreg.	
125,182	11,647	11	46	59,994	16,548	80,436	1,422	103,797	155,315	128,138	Calif.	

AREA AND POPULATION

No. 53.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY SEX, BY STATES: 1920 AND 1930

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		Percent		Number		Percent	
	1920	1930	1920	1930	1920	1930	1920	1930
Continental U. S. ....	58,064,737	58,077,804	78.2	76.2	8,549,511	10,752,116	21.1	22.0
New England .....	2,369,377	2,489,488	80.4	75.8	871,015	941,691	29.0	27.5
Maine .....	245,013	240,110	77.9	74.4	64,845	68,493	21.1	21.4
New Hampshire .....	143,525	142,710	79.2	75.2	49,302	49,956	27.3	25.9
Vermont .....	111,585	112,800	77.2	75.9	29,899	28,997	19.2	19.9
Massachusetts .....	1,225,163	1,285,316	80.9	75.8	503,155	528,999	31.6	29.2
Rhode Island .....	194,438	209,343	82.0	77.2	80,562	87,829	32.7	30.4
Connecticut .....	443,663	490,201	81.0	76.0	146,252	178,007	27.1	26.8
Middle Atlantic .....	7,122,999	8,322,037	80.1	76.9	2,117,517	2,635,569	24.1	24.5
New York .....	3,367,909	4,108,232	80.4	78.1	1,135,295	1,415,105	26.0	26.9
New Jersey .....	1,014,063	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	803,802	20.7	20.9
East North Central .....	6,951,808	8,042,907	78.7	76.2	1,564,041	2,065,414	13.9	20.4
Ohio .....	1,891,546	2,076,158	79.4	75.6	409,970	539,606	18.3	20.1
Indiana .....	931,647	1,015,761	77.7	76.1	185,385	235,304	16.0	18.1
Illinois .....	2,086,800	2,469,216	78.8	76.8	540,938	715,468	21.3	22.9
Michigan .....	1,228,631	1,567,525	80.0	77.0	245,883	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	940,185	16.4	18.0
Minnesota .....	742,047	791,833	75.3	74.1	164,066	200,965	18.4	19.0
Iowa .....	717,377	749,313	73.2	73.5	141,321	163,622	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 .....	385,292	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	4,581,760	77.5	75.7	1,243,959	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 .....	406,257	515,187	80.0	77.4	137,221	157,692	23.8	23.9
Dist. of Columbia .....	143,401	155,028	82.6	78.4	92,026	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	97,439	82,198	11.2	13.1
North Carolina .....	693,155	868,066	75.5	74.7	202,697	272,065	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	311,939	26.7	27.4
Florida .....	300,050	448,955	77.7	76.1	85,262	149,984	23.3	25.7
East South Central .....	2,608,411	2,908,937	77.9	77.2	702,453	827,744	21.1	21.8
Kentucky .....	719,629	760,417	77.1	75.1	131,493	146,678	14.5	14.8
Tennessee .....	677,988	763,062	76.5	75.8	152,108	195,324	17.2	19.1
Alabama .....	684,348	772,281	79.5	78.1	223,868	254,014	25.8	25.1
Mississippi .....	526,446	613,177	78.7	80.6	194,964	231,728	20.1	30.3
West South Central .....	3,049,275	3,656,565	76.2	76.2	668,973	861,687	17.8	18.6
Arkansas .....	518,754	548,652	77.7	76.2	115,810	119,193	18.2	17.0
Louisiana .....	528,507	624,190	77.2	77.4	152,726	191,420	22.4	23.5
Oklahoma .....	686,834	698,658	73.6	73.2	94,594	129,346	13.2	14.5
Texas .....	1,415,180	1,785,059	76.0	77.0	303,843	421,708	17.8	18.9
Mountain .....	1,077,774	1,159,568	77.1	74.9	177,220	235,250	15.2	17.3
Montana .....	185,005	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 .....	1,879,671	2,809,847	79.8	77.8	434,930	765,172	20.4	23.2
Washington .....	485,767	538,054	80.3	77.0	92,080	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	80.6	77.7	286,647	557,354	21.4	24.2

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. V.

**No. 54.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION GROUPS, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930**

[Percent not shown where less than 0.1]

YEAR AND GENERAL DIVISION OF OCCUPATIONS	NUMBER			PERCENT DISTRIBUTION			PERCENT OF TOTAL	
	Total	Male	Female	Total	Male	Female	Male	Female
<b>1920</b> .....	<b>41,614,248</b>	<b>33,064,737</b>	<b>8,549,511</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>79.5</b>	<b>20.5</b>
Agriculture.....	10,605,812	9,582,606	1,023,206	25.6	28.0	12.7	80.8	10.2
Forestry and fishing.....	270,214	269,541	673	0.6	.8	-----	99.8	.2
Extraction of minerals.....	1,000,223	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.....	4,257,054	3,585,701	671,933	10.2	10.8	7.9	84.2	15.8
Public service (not elsewhere classified).....	738,525	727,039	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.....	3,111,830	1,089,911	1,421,925	7.5	5.1	16.6	54.3	45.7
<b>1930</b> .....	<b>49,829,920</b>	<b>38,077,804</b>	<b>10,752,116</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>78.0</b>	<b>22.0</b>
Agriculture.....	10,471,998	9,562,059	909,939	21.4	25.1	8.5	81.3	8.7
Forestry and fishing.....	3,843,147	250,140	329	7.7	.7	-----	99.9	.1
Extraction of minerals.....	984,323	983,564	759	2.0	2.0	-----	99.9	.1
Manufacturing and mechanical industries.....	14,110,652	12,234,345	1,886,307	28.9	32.1	17.5	86.0	13.4
Transportation and communication.....	3,253,894	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.....	3,253,894	1,727,050	1,526,234	6.7	4.5	14.2	53.1	46.9
Domestic and personal service.....	4,962,451	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: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. V.

**No. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930**

[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
<b>All occupations</b> .....	<b>41,614,248</b>	<b>33,064,737</b>	<b>8,549,511</b>	<b>48,829,920</b>	<b>38,077,804</b>	<b>10,752,116</b>
<b>Agriculture</b> <sup>1</sup> .....	<b>10,605,812</b>	<b>9,582,606</b>	<b>1,023,206</b>	<b>10,471,998</b>	<b>9,562,059</b>	<b>909,939</b>
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	3,382,809	803,229	4,392,764	3,746,433	646,331
Wage workers <sup>2</sup> .....	2,336,009	2,109,422	226,587	2,732,972	2,561,640	171,332
Unpaid family workers <sup>3</sup> .....	1,850,119	1,273,477	576,642	1,659,792	1,184,784	475,008
<b>Forestry and fishing</b> .....	<b>270,214</b>	<b>269,541</b>	<b>673</b>	<b>250,469</b>	<b>250,140</b>	<b>329</b>
Fishermen and oystermen.....	52,836	52,457	379	73,280	73,071	209
Foresters, forest rangers, and timber cruisers.....	3,653	3,661	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

<sup>1</sup> 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 6).

<sup>2</sup> 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. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
Extraction of minerals.....	1,080,223	1,087,359	2,864	984,323	983,564	759
Operators, managers, and officials.....	34,325	34,143	182	30,806	30,755	141
Operators.....	17,334	17,216	118	15,511	15,423	88
Managers and officials.....	16,991	16,927	64	15,295	15,332	37
Foremen, overseers, and inspectors.....	36,931	36,923	8	34,280	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	30,930	3
Gold and silver mine operatives.....	32,700	32,066	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	33,546	33,310	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
<b>Manufacturing and mechanical industries</b>	<b>12,631,878</b>	<b>10,801,527</b>	<b>1,930,352</b>	<b>14,110,652</b>	<b>12,224,345</b>	<b>1,886,307</b>
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 <sup>1</sup> .....	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	4,309	17	2,181	2,181	—
Apprentices to printers and bookbinders.....	11,603	10,366	1,237	10,928	10,575	353
Other apprentices in manufacturing <sup>2</sup> .....	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, forgers, and hammermen.....	221,421	221,416	5	147,669	147,460	209
Bellmakers.....	74,088	74,088	—	49,023	49,023	—
Brick and stone masons and tile layers.....	131,284	131,287	—	170,903	170,899	4
Builders and building contractors.....	90,109	90,030	79	167,512	167,310	202
Cabinetmakers.....	45,511	45,503	8	67,897	67,890	7
Carpenters.....	887,879	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.....	19,060	19,061	—	11,347	11,347	—
Dressmakers and seamstresses (not in factory).....	235,855	336	235,519	158,330	452	157,928
Dyers.....	15,109	14,978	131	17,719	17,425	294
Electricians.....	212,964	212,945	19	230,317	230,279	38
Electrotypers, stereotypers, and lithographers.....	13,716	13,530	186	10,692	16,448	244
Engineers (stationary), crane-men, etc.....	279,934	279,940	44	316,064	316,942	22
Engineers (stationary).....	242,096	242,064	32	256,978	256,060	18
Crane-men, derrickmen, hoistmen, etc.....	37,838	37,876	12	60,836	60,882	4
Engravers.....	16,053	14,492	561	19,437	18,747	690
Filters, grinders, buffers, and polishers (metal).....	59,785	57,315	2,470	78,600	76,264	2,336
Firemen (except locomotive and fire dept.).....	143,375	143,862	13	127,294	127,293	1
Foremen and overseers (manufacturing) <sup>3</sup> .....	308,137	277,966	30,171	338,504	310,037	28,467
Furnace men, smelter men, heaters, puddlers, etc.....	40,806	40,800	6	35,168	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	38,622	37,408	1,254
Loom fixers.....	15,961	15,958	3	19,215	19,180	35
Machinists, millwrights, and toolmakers.....	894,632	894,654	8	761,055	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) <sup>4</sup> .....	249,950	241,619	8,331	312,756	302,334	10,422
Manufacturers <sup>5</sup> .....	183,695	178,750	4,945	207,901	202,190	5,711
Mechanics (n. o. s.) <sup>6</sup> .....	281,741	281,690	51	638,253	638,190	63
Air transportation.....	(?)	(?)	(?)	3,406	3,405	1
Automobile factories, garages, repair shops.....	(?)	(?)	(?)	394,188	394,169	19
Railroad and car shops.....	(?)	(?)	(?)	21,847	21,847	—
Other industries.....	(?)	(?)	(?)	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	105,130	19
Oilers of machinery.....	24,612	24,568	44	31,210	31,160	41

<sup>1</sup> Many of the machinists' apprentices probably are machine tenders.

<sup>2</sup> 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 draftsman's apprentices," classified in "Manufacturing and mechanical industries" in 1920, was transferred to "Professional service" in 1930.

<sup>3</sup> Persons employed on turpentine farms classified in "Agriculture, forestry, etc.," in 1920, were transferred to "Manufacturing and Mechanical Industries" in 1930.

<sup>4</sup> Not otherwise specified.

<sup>5</sup> Figures are not comparable with data for 1930.

<sup>6</sup> Comparable figures for 1920 not available.

## No. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
<b>Manufacturing, etc.—Continued.</b>						
Painters, glaziers, varnishers, etc.	323, 032	319, 607	3, 335	528, 941	524, 150	4, 781
Enamellers, lacquerers, and japanners.	4, 137	3, 169	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, 038	89, 616	3, 422
Paper hangers	18, 746	18, 338	408	28, 378	26, 872	1, 506
Pattern and model makers	27, 720	27, 663	57	29, 750	29, 711	39
Piano and organ tuners	7, 047	7, 037	40	6, 823	6, 799	24
Plasterers and cement finishers	45, 870	45, 870	0	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	0	31, 215	31, 215	0
Rollers and roll hands (metal)	25, 061	25, 061	0	30, 765	30, 765	0
Roofers and slaters	11, 378	11, 378	0	23, 636	23, 636	0
Sawyers	33, 809	33, 800	9	36, 094	35, 984	80
Shoemakers and cobblers (not in factory)	78, 850	78, 599	250	76, 388	76, 127	261
Skilled occupations (not elsewhere classified)	12, 348	12, 319	29	12, 258	12, 227	31
Stonemasons	22, 099	22, 096	3	22, 888	22, 887	1
Structural iron workers (building)	18, 836	18, 836	0	28, 966	28, 966	0
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, 005	27, 338	2, 267	51, 452	49, 097	2, 355
<b>Operatives (n. o. s.):</b>						
Building industry	7, 003	6, 983	20	18, 442	18, 419	23
Chemical and allied industries	5, 746	5, 122	624	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	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	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, 266	13, 168	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, 305	11, 069	236
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	469, 361	143, 718	285, 643	488, 900	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, 055	13, 510
Hat factories (felt)	21, 178	14, 716	6, 462	26, 454	17, 081	8, 473
Shirt, collar, and cuff factories	52, 377	10, 361	42, 016	55, 471	9, 708	45, 763
Suit, coat, and overalls factories	143, 872	79, 357	64, 515	166, 773	59, 190	56, 583
Other clothing factories	156, 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, 580	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	63, 059	43, 052	10, 007
Sugar factories and refineries	3, 800	3, 144	656	3, 778	3, 070	708
Other food factories	17, 633	9, 791	7, 842	25, 898	12, 743	13, 155
Liquor and beverage industries	16, 655	14, 960	695	11, 187	10, 413	774
Iron and steel, machinery, and vehicle industries	689, 980	632, 161	57, 819	651, 398	590, 635	60, 763
Agricultural implement factories	7, 722	7, 139	583	8, 782	8, 281	501
Automobile factories	121, 164	108, 370	12, 788	161, 957	142, 925	19, 032
Automobile repair shops	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	9, 462	9, 407	45
Blast furnaces and steel rolling mills <sup>10</sup>	95, 627	89, 526	4, 101	106, 664	108, 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 <sup>11</sup>	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

<sup>9</sup> Not otherwise specified.<sup>10</sup> The few operatives and laborers in rayon factories in 1920 were classified with operatives and laborers, respectively, in "Not specified textile mills."<sup>11</sup> Automobile repair shops included in "other iron and steel factories."<sup>12</sup> Includes tin-plate mills.<sup>13</sup> Includes iron foundries.

No. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
<b>Manufacturing, etc.—Continued.</b>						
<b>Operatives (n. o. s.)—Continued.</b>						
<b>Metal industries (except iron and steel)—</b>						
Brass mills.....	91,291	60,844	30,447	91,852	61,049	30,803
Clock and watch factories.....	17,482	13,576	3,906	14,834	11,606	3,228
Copper factories.....	18,244	10,043	8,201	15,038	8,492	6,544
Gold and silver factories.....	2,980	2,834	152	2,950	2,824	126
Jewelry factories.....	6,239	4,432	1,807	5,902	3,877	2,025
Lead and zinc factories.....	15,083	8,946	6,137	13,979	7,766	6,213
Tinware, enamelware, etc., factories.....	2,464	2,186	278	2,014	1,840	174
Other metal factories.....	19,356	12,167	7,189	23,290	15,250	8,040
Leather industries.....	0,437	6,090	2,777	13,847	9,394	4,453
Harness and saddle factories.....	279,231	196,437	82,794	267,518	175,768	91,750
Leather belt, leather goods, etc., factories <sup>12</sup> .....	18,135	17,573	562	7,104	6,890	274
Shoe factories.....	17,189	12,800	4,389	16,533	11,080	5,453
Tanneries.....	206,225	132,813	73,412	209,928	128,377	81,551
Trunk, suitcase, and bag factories <sup>12</sup> .....	32,220	28,598	3,628	28,923	25,395	3,528
Lumber and furniture industries.....	5,456	4,044	812	4,900	4,020	874
Furniture factories.....	108,719	150,079	18,840	177,457	157,861	19,596
Piano and organ factories.....	55,717	48,900	6,811	75,235	66,131	9,104
Saw and planing mills <sup>13</sup> .....	19,852	16,949	2,903	8,177	7,535	642
Other woodworking factories.....	57,320	54,016	3,304	58,986	56,389	2,597
Paper, printing, and allied industries.....	35,830	30,208	5,622	35,059	27,806	7,253
Blank book, envelope, tag, paper bag, etc., factories.....	155,524	87,679	67,845	165,911	102,421	63,490
Paper and pulp mills.....	13,694	5,117	8,577	17,127	6,488	10,639
Paper box factories.....	54,660	41,821	12,839	63,629	49,709	13,920
Printing, publishing, and engraving.....	20,452	7,077	13,375	14,284	5,767	8,517
Textile industries—	68,709	34,164	32,545	70,871	40,457	30,414
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 64,033	14 68,431	133,600	65,312	68,288
Carpet mills.....	23,387	13,003	10,384	28,606	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.....	10,083	6,086	12,997	11,417	4,221	7,196
Rope and cordage factories.....	8,454	4,714	3,740	5,460	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 61,256	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.....	30,204	67,370	18,834	80,835	59,546	21,289
Straw factories.....	14,102	7,751	6,351	1,818	584	1,234
Turpentine farms and distilleries.....	1,138	1,130	8	1,368	1,360	8
Other and not specified manufacturing.....	15 329,015	15 197,268	15 131,747	268,405	158,906	109,499
Not specified industries and services.....				163,152	123,252	29,900
<b>Laborers (n. o. s.):</b>						
Building, general, and not specified laborers.....	686,722	671,487	15,235	1,115,067	1,104,132	11,935
Laborers and helpers, building construction.....	(7)	(7)	(7)	419,802	419,675	127
General and not specified laborers.....	(7)	(7)	(7)	695,866	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	31,596	220	40,816	40,645	171
Rayon factories.....	(16)	(16)	(16)	4,902	4,451	511
Soap factories.....	4,715	4,346	369	4,799	4,566	233
Other chemical factories.....	43,322	41,342	1,981	38,200	36,568	1,632

<sup>10</sup> Not otherwise specified.

<sup>7</sup> Comparable figures for 1920 not available.

<sup>12</sup> 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.

<sup>13</sup> Includes box factories (wood).

<sup>14</sup> See note 8, p. 53, and note 15 below.

<sup>15</sup> 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 services" in 1930.

<sup>16</sup> See note 8, p. 63.

No. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
<b>Manufacturing, etc.—Continued.</b>						
<b>Laborers (n. o. s.)—Continued.</b>						
Cigar and tobacco factories.....	35,167	21,206	13,802	20,581	14,004	6,487
Clay, glass, and stone industries.....	124,544	120,215	4,329	145,665	142,005	3,670
Brick, tile, and terra-cotta factories.....	48,636	48,069	5,537	59,543	58,792	751
Glass factories.....	28,937	26,401	2,476	28,108	26,362	1,746
Lime, cement, and artificial-stone factories.....	30,051	29,884	167	38,034	38,475	159
Marble and stone yards.....	5,084	5,061	23	8,102	8,097	5
Potteries.....	11,836	10,710	1,126	11,278	10,369	909
Clothing industries.....	12,770	6,414	6,362	15,263	8,568	6,735
Corset factories.....	771	194	577	350	133	217
Glove factories.....	1,767	899	868	1,160	550	609
Hat factories (felt).....	989	825	164	1,142	960	176
Shirt, collar, and cuff factories.....	2,708	1,317	1,391	4,130	2,314	1,822
Suit, coat, and overall factories.....	3,984	2,219	1,765	3,704	2,456	1,338
Other clothing factories.....	2,567	960	1,607	4,712	2,139	2,573
Food and allied industries.....	170,065	153,602	16,373	184,836	136,802	18,084
Bakeries.....	8,316	6,869	1,440	12,362	10,786	1,670
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.....	13,068	9,743	3,313	10,544	14,987	4,657
Slaughter and packing houses.....	59,548	65,430	4,112	43,045	39,384	3,661
Sugar factories and refineries.....	16,733	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.....	11,406	11,292	117	10,873	10,735	138
Automobile factories.....	83,341	80,874	2,467	123,717	120,160	3,587
Automobile repair shops.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	12,653	12,617	36
Blast furnaces and steel rolling mills <sup>10</sup> .....	258,830	256,548	2,282	235,726	234,524	1,202
Car and railroad shops.....	63,643	63,280	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 <sup>11</sup> .....	<sup>9</sup> 179,607	<sup>9</sup> 173,734	<sup>9</sup> 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	58,912	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.....	10,063	10,008	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	323	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	5,608
Harness and saddle factories.....	1,835	1,727	158	501	469	32
Leather-belt, leather-goods, etc., factories <sup>17</sup> .....	3,578	3,274	304	1,630	1,701	229
Shoe factories.....	19,210	14,164	5,046	18,366	13,647	4,742
Tanneries.....	27,480	26,703	777	16,806	16,206	613
Trunk, suitcase, and bag factories <sup>17</sup> .....	2,480	2,269	217	672	800	82
Lumber and furniture industries.....	320,613	309,874	10,739	383,539	320,071	7,468
Furniture factories.....	36,272	32,600	3,672	29,802	28,321	1,481
Piano and organ factories.....	5,321	4,506	725	1,604	1,566	98
Saw and planing mills <sup>12</sup> .....	245,683	241,334	4,349	261,741	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.....	62,263	49,789	2,477	52,038	49,677	2,361
Paper-box factories.....	3,384	2,401	983	2,587	1,988	601
Printing, publishing, and engraving.....	7,981	6,240	1,741	10,822	9,440	1,382
Textile Industries—						
Cotton mills.....	76,315	59,649	16,660	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	2,168
Textile dyeing, finishing, and printing mills.....	10,605	9,885	720	7,571	7,267	314
Woolen and worsted mills.....	22,227	18,238	3,989	13,753	11,955	1,798

<sup>6</sup> Not otherwise specified.<sup>9</sup> Automobile repair shops included in "Other iron and steel factories."<sup>10</sup> Includes tin-plate mills.<sup>12</sup> Includes box factories (wood).<sup>11</sup> Includes iron foundries.<sup>17</sup> See note 12, p. 64.



No. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
Manufacturing, etc.—Continued.						
Laborers (n. o. s.)—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	692
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, 021	2, 632	289
Sail, awning, and tent factories.....	283	237	46	721	661	60
Other and not specified textile mills.....	14 10, 980	14 9, 048	14 1, 932	13, 199	11, 484	1, 715
Miscellaneous mfg. industries 18.....	19 399, 988	19 364, 244	19 35, 744	322, 696	298, 609	24, 087
Broom and brush factories.....	2, 800	2, 407	393	2, 587	2, 370	217
Button factories.....	1, 407	1, 093	314	1, 129	940	189
Electric light and power plants.....	15, 417	15, 255	162	35, 665	35, 650	16
Electrical machinery and supply factories.....	20, 789	23, 562	3, 227	30, 885	33, 345	3, 540
Rubber factories.....	51, 407	47, 515	3, 952	29, 123	28, 980	3, 143
Straw factories.....	577	513	64	148	136	12
Turpentine farms and distilleries 18.....	25, 830	25, 395	435	37, 620	37, 313	307
Other and not specified mfg. industries.....	19 275, 701	19 248, 504	19 27, 197	179, 539	162, 875	16, 664
Transportation and communication.....	3, 094, 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, 518	2	24, 489	24, 482	7
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, 098	949	972, 418	970, 916	1, 502
Draymen, teamsters, and carriage drivers 23, 24.....	420, 189	419, 450	739	111, 224	111, 178	46
Garage owners, managers, and officials.....	42, 151	41, 944	207	69, 955	69, 543	422
Garage laborers.....	31, 450	31, 339	111	60, 693	60, 530	163
Hostlers and stable hands.....	18, 976	18, 973	3	6, 654	6, 654	-----
Laborers, truck, transfer, and cab companies.....	(24)	(24)	(24)	40, 970	40, 920	50
Laborers, road, street, etc., building and repairing.....	115, 836	115, 673	163	290, 354	290, 308	46
Laborers, street cleaning.....	11, 196	11, 192	4	16, 673	16, 672	1
Owners, managers, and officials, truck, transfer, and cab companies.....	23, 497	23, 231	266	41, 084	40, 508	576
Railroad transportation: 25.....						
Baggage men and freight agents.....	16, 819	16, 789	30	16, 377	16, 361	16
Doller 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, 639	74, 539	-----	73, 332	73, 332	-----
Conductors, street railroad.....	63, 760	63, 507	253	35, 697	35, 080	17
Foremen and overseers.....	79, 294	79, 216	78	79, 737	79, 082	55
Steam railroad.....	73, 046	72, 980	66	73, 910	73, 860	50
Street railroad.....	6, 248	6, 236	12	5, 827	5, 822	5
Laborers (includes construction laborers).....	495, 713	488, 659	7, 054	462, 474	459, 090	3, 384
Steam railroad.....	470, 199	463, 613	6, 586	435, 058	431, 947	3, 111
Street railroad.....	25, 514	25, 046	468	27, 416	27, 143	273
Locomotive engineers 25.....	109, 899	109, 899	-----	101, 201	101, 201	-----
Locomotive firemen 25.....	91, 345	91, 345	-----	67, 096	67, 096	-----
Motormen.....	66, 519	66, 499	20	60, 723	60, 718	5
Steam railroad.....	3, 560	3, 500	60	2, 754	2, 754	-----
Street railroad.....	62, 959	62, 939	20	57, 969	57, 964	5
Officials and superintendents.....	35, 881	35, 830	51	37, 989	37, 963	26
Steam railroad.....	32, 426	32, 385	41	34, 380	34, 359	21
Street railroad.....	3, 455	3, 445	10	3, 609	3, 604	5
Switchmen, flagmen, and yardmen.....	111, 565	111, 000	565	102, 773	102, 484	289
Switchmen and flagmen, steam railroad.....	101, 917	101, 359	558	92, 217	91, 928	289
Switchmen and flagmen, street railroad.....	2, 500	2, 496	4	2, 608	2, 608	-----
Yardmen, steam railroad.....	7, 148	7, 145	3	7, 948	7, 948	-----
Ticket and station agents.....	26, 585	24, 324	2, 261	27, 160	25, 370	1, 790

6 Not otherwise specified. 14 See note 8, p. 63, and note 15, p. 64. 18 See note 5, p. 62.

19 See note 15, p. 64. 20 Selected occupations. 21 Not classified separately in 1920.

22 Neither in 1920 nor in 1930 was the attempt to distinguish chauffeurs and motortruck 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 delivermen in trade, and drivers for laundries are classified as delivermen 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. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION,  
BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
Transportation, etc.—Continued.						
Express, post, radio, telegraph, and telephone <sup>24</sup>						
Agents, express companies	5,293	5,193	100	4,176	4,102	74
Express messengers and railway mail clerks	25,005	24,906	9	25,008	25,000	8
Express messengers	9,138	9,129	9	8,211	8,207	4
Railway mail clerks	15,807	15,867		17,397	17,393	4
Mail carriers	91,451	90,131	1,320	121,333	120,204	1,129
Postmasters <sup>25</sup>	31,935	20,727	11,208	34,421	20,818	13,603
Radio operators	(27)	(27)	(27)	4,955	4,906	46
Telegraph and telephone linemen	37,917	37,905	12	71,625	71,624	1
Telegraph messengers	9,403	8,909	434	16,176	15,997	179
Telegraph operators	27 79,434	27 62,574	27 16,860	67,821	51,690	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 <sup>26</sup>	1,312	1,304	8	6,097	6,031	66
Foremen and overseers (n. o. s.)	29,863	29,824	39	52,135	52,061	74
Air transportation	(21)	(21)	(21)	181	181	
Garages, greasing stations, and automobile laundries	(30)	(30)	(30)	6,652	6,650	2
Road, street, etc., building and repairing	9,558	9,557	1	23,250	23,249	1
Telegraph and telephone	6,822	6,797	25	11,172	11,112	60
Other transp. and communication	30 13,483	30 13,470	30 13	10,880	10,869	11
Inspectors	50,233	49,848	385	52,120	50,965	1,155
Steam railroad	42,721	42,075	46	39,079	39,060	19
Street railroad	8,451	8,445	6	3,830	3,825	5
Telegraph and telephone	2,821	2,491	330	4,173	3,040	1,133
Other transp. and communication	1,240	1,237	3	6,638	5,534	4
Laborers (n. o. s.)	33,432	33,229	203	51,063	50,998	65
Air transportation	(21)	(21)	(21)	1,609	1,602	7
Express companies	9,089	9,067	22	7,086	7,085	1
Pipe lines	7,369	7,362	7	13,704	13,700	4
Telegraph and telephone	5,088	5,011	77	12,674	12,647	27
Water transportation	5,969	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.)	30,197	20,552	645	37,990	34,937	3,053
Air transportation	(21)	(21)	(21)	1,090	1,085	5
Telegraph and telephone	11,603	11,059	544	18,667	16,084	2,573
Other transp. and communication	18,594	18,493	101	17,940	17,818	125
Other occupations	48,124	40,634	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	20,107	1,141
Trade	4,257,684	3,585,701	671,983	8,061,447	5,118,787	962,660
Advertising agents	(31)	(31)	(31)	49,020	43,364	5,656
Apprentices, wholesale and retail trade	(28)	(28)	(28)	2,444	2,337	107
Bankers, brokers, and money lenders	161,613	156,300	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	27,452	27,358	194	23,638	23,352	286
Loan brokers and pawnbrokers	5,473	5,321	152	13,562	12,930	632
Stock brokers	20,609	20,233	376	70,980	69,157	1,793
Brokers not specified and promoters	16,604	16,248	356	19,998	19,444	554
"Clerks" in stores <sup>32</sup>	413,918	243,621	170,397	401,991	238,844	163,147
Commercial travelers	179,320	176,614	2,706	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 <sup>33</sup>	34 170,235	34 170,039	34 196	159,444	159,328	116
Floorwalkers and foremen in stores	20,094	16,665	4,039	32,664	27,028	4,636
Foremen, warehouses, stockyards, etc.	5,833	6,802	31	6,599	5,440	159

<sup>6</sup> Not otherwise specified.<sup>26</sup> Selected occupations.<sup>27</sup> Not classified separately in 1920.<sup>25</sup> Postmasters were classified in "Public service" in 1920.<sup>28</sup> Radio and wireless operators were included with telegraph operators in 1920. <sup>29</sup> See note 4, p. 62.<sup>30</sup> Aviators, designated "Aeronauts" and classified in "Other professional pursuits" in 1920, were transferred to "Transportation and communication" in 1930.<sup>31</sup> Foremen in garages, greasing stations, etc., included in "Other transportation and communication."<sup>32</sup> Classified in 1920 in the group "Agents" in "Clerical occupations."<sup>33</sup> Group more strictly confined in 1930 than in 1920 to persons specifically returned as "Clerks in stores."<sup>34</sup> Some deliverymen probably returned and classified as chauffeurs, others as teamsters or truck drivers.<sup>35</sup> Includes deliverymen for laundries classified in "Domestic and personal service" in 1930.

No. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
<b>Trade—Continued.</b>						
Inspectors, gaugers, and samplers.....	13, 714	12, 083	1, 031	16, 743	10, 923	5, 820
Insurance agents, managers, and officials.....	134, 978	129, 889	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, 609	113, 027	642
Coal yards and lumber yards.....	68, 543	68, 464	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, 160	710	18, 699	18, 205	494
Other and not specified trade.....	(2) <sup>1</sup>	(2) <sup>1</sup>	(2) <sup>1</sup>	3, 791	3, 737	54
Laborers, porters, and helpers in stores.....	125, 007	116, 602	8, 405	208, 688	199, 296	9, 392
Newsboys.....	27, 961	27, 635	326	38, 993	38, 576	417
Proprietors, managers, and officials (n. o. s. <sup>2</sup> ).....	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.....	(3) <sup>3</sup>	(3) <sup>3</sup>	(3) <sup>3</sup>	10, 539	9, 771	768
Proprietors, etc., grain elevators.....	8, 858	8, 836	22	9, 505	9, 484	21
Proprietors, etc., warehouses.....	6, 353	6, 310	43	7, 389	7, 327	62
Other proprietors, managers, and officials.....	16, 539	16, 212	327	14, 107	13, 194	913
Real estate agents and officials.....	149, 135	139, 927	9, 208	240, 030	208, 243	31, 787
Managers and officials, real estate cos.....	(1) <sup>1</sup>	(1) <sup>1</sup>	(1) <sup>1</sup>	5, 603	5, 124	479
Real estate agents.....	(2) <sup>1</sup>	(2) <sup>1</sup>	(2) <sup>1</sup>	234, 427	203, 119	31, 308
<b>Retail dealers<sup>3</sup></b>	<b>1, 328, 275</b>	<b>1, 249, 295</b>	<b>78, 980</b>	<b>1, 703, 522</b>	<b>1, 593, 356</b>	<b>110, 166</b>
Automobiles and accessories.....	28, 768	28, 026	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, 084	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, 652	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, 100	121, 379	11, 727	148, 837	129, 480	19, 351
Drugs and medicines <sup>4</sup> .....	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, 827	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.....	(3) <sup>3</sup>	(3) <sup>3</sup>	(3) <sup>3</sup>	89, 190	87, 005	2, 095
General stores.....	80, 026	76, 317	3, 709	81, 187	76, 011	5, 176
Groceries.....	239, 236	216, 059	23, 177	313, 089	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, 010	54, 820	1, 790
Ice.....	8, 203	8, 160	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, 365	13, 769	616
Other specified dealers.....	<sup>3</sup> 91, 107	<sup>3</sup> 85, 085	<sup>3</sup> 6, 022	113, 061	101, 377	11, 684
Not specified dealers.....	65, 728	69, 483	6, 245	58, 377	52, 460	5, 917
<b>Salesmen and saleswomen.....</b>	<b>1, 192, 199</b>	<b>826, 866</b>	<b>365, 333</b>	<b>2, 069, 603</b>	<b>1, 508, 283</b>	<b>560, 720</b>
Auctioneers.....	5, 048	5, 045	3	4, 281	4, 277	4
Canvassers <sup>5</sup> .....	14, 705	10, 514	4, 191	69, 769	51, 050	11, 813
Demonstrators.....	4, 823	1, 639	3, 184	7, 533	1, 793	5, 740
Sales agents.....	41, 841	40, 207	1, 634	5, 038	4, 671	517
Salesman and saleswomen.....	1, 125, 782	760, 461	365, 321	1, 988, 332	1, 445, 086	542, 046
Undertakers.....	24, 469	23, 342	1, 127	34, 132	32, 192	1, 940
Wholesale dealers, importers, and exporters.....	73, 574	72, 730	794	83, 525	81, 837	1, 688
<b>Other pursuits in trade.....</b>	<b>67, 611</b>	<b>52, 106</b>	<b>15, 505</b>	<b>125, 175</b>	<b>96, 069</b>	<b>29, 106</b>
Advertising agencies.....	(4) <sup>4</sup>	(4) <sup>4</sup>	(4) <sup>4</sup>	5, 853	5, 453	400
Grain elevators.....	(4) <sup>4</sup>	(4) <sup>4</sup>	(4) <sup>4</sup>	1, 611	1, 202	409
Warehouses and cold storage plants.....	(4) <sup>4</sup>	(4) <sup>4</sup>	(4) <sup>4</sup>	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, 020	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
<b>Public service (not elsewhere classified).....</b>	<b>738, 525</b>	<b>727, 939</b>	<b>10, 586</b>	<b>858, 205</b>	<b>838, 692</b>	<b>17, 588</b>
Firemen, fire department.....	50, 771	50, 771		73, 008	73, 008	
Guards, watchman, and doorkeepers.....	115, 553	115, 154	399	148, 115	147, 115	1, 000
Laborers, public service.....	100, 915	105, 385	1, 530	157, 010	155, 903	1, 107

<sup>1</sup> Not otherwise specified. <sup>2</sup> Not classified separately in 1920. <sup>3</sup> Included in "Other proprietors."  
<sup>4</sup> Includes managers and superintendents of retail stores. <sup>5</sup> Including druggists and pharmacists.  
<sup>6</sup> "Retail dealers, gasoline and oil filling stations" included in "Other specified retail dealers" in 1920.  
<sup>7</sup> Canvassers, classified in "Clerical occupations" in 1920, were transferred to "Trade" in 1930.  
<sup>8</sup> Included in the group "Other occupations" in 1920.

No. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
<b>Public Service—Continued.</b>						
Marshals, sheriffs, detectives, etc.	32,214	30,968	1,246	41,823	39,247	2,576
Detectives	11,955	11,562	393	12,865	12,180	685
Marshals and constables	6,897	6,880	17	9,350	9,288	62
Probation and truant officers	2,679	1,890	789	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	42,309	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	8,696	630	15,236	14,250	986
Officials and inspectors (United States) <sup>41</sup>	39,273	38,021	1,252	36,464	35,025	839
Soldiers, sailors, and marines <sup>42</sup>	82,120	81,884	236	131,687	130,838	849
Police	225,503	225,503	—	182,830	182,830	—
Other public service pursuits	21,453	20,309	1,144	41,637	40,360	1,268
<b>Professional service.</b>	<b>2,171,251</b>	<b>1,164,221</b>	<b>1,017,030</b>	<b>3,253,884</b>	<b>1,737,850</b>	<b>1,528,234</b>
Actors	28,361	15,124	13,237	37,693	18,703	19,290
Showmen	19,811	18,694	1,117	37,303	35,808	1,495
Architects	18,185	18,048	137	22,600	21,621	379
Artists, sculptors, and teachers of art	35,402	20,785	14,617	57,205	35,621	21,644
Authors	6,008	3,662	3,006	12,449	7,002	5,447
Editors and reporters	34,197	28,467	5,730	51,844	39,020	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	145,672	3,276
College presidents and professors <sup>43</sup>	33,407	23,332	10,075	61,905	41,774	20,131
Dentists	59,152	54,323	4,829	71,055	69,768	1,287
Designers	15,410	9,758	5,652	20,508	12,780	7,728
Draftsmen	52,865	50,680	1,985	79,922	78,459	1,463
Inventors	2,379	2,349	27	2,300	2,279	21
Lawyers, judges, and justices	122,519	120,781	1,738	160,995	157,220	3,385
Musicians and teachers of music	130,265	57,587	72,678	105,123	85,517	79,611
Osteopaths	5,030	3,867	1,163	6,117	4,554	1,563
Photographers	34,259	27,140	7,119	39,523	31,163	8,366
Physicians and surgeons	144,677	137,758	7,219	153,803	146,978	6,825
Teachers (athletics, dancing, etc.)	9,711	5,677	4,034	18,691	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	64,600	64,642	18	102,686	102,057	29
Electrical engineers	27,077	27,055	12	37,837	37,775	62
Mechanical engineers <sup>44</sup>	37,689	37,678	11	64,359	54,638	18
Mining engineers <sup>45</sup>	6,695	6,695	—	11,970	11,969	1
Trained nurses	149,128	5,464	143,664	294,139	5,452	288,737
Veterinary surgeons	13,494	13,493	1	11,893	11,852	11
<b>Other professional pursuits <sup>46</sup></b>	( <sup>47</sup> )	( <sup>47</sup> )	( <sup>47</sup> )	114,393	43,847	70,546
County agents, farm demonstrators, etc.	( <sup>47</sup> )	( <sup>47</sup> )	( <sup>47</sup> )	5,697	4,500	1,007
Librarians	15,297	1,795	13,502	29,613	2,557	27,056
Social and welfare workers	( <sup>48</sup> )	( <sup>48</sup> )	( <sup>48</sup> )	31,241	6,649	24,592
Other occupations	18,409	12,646	5,763	47,042	30,141	17,801
<b>Semiprofessional and recreational pursuits.</b>	( <sup>49</sup> )	( <sup>49</sup> )	( <sup>49</sup> )	198,649	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 <sup>49</sup>	3,777	3,479	298	2,656	2,430	220
Apprentices to other professional persons	( <sup>49</sup> )	( <sup>49</sup> )	( <sup>49</sup> )	3,935	3,861	74
Billiard room, dance hall, skating rink, etc., keepers <sup>49</sup>	24,897	24,655	242	29,129	28,819	310
Chiropractors <sup>49</sup>	( <sup>49</sup> )	( <sup>49</sup> )	( <sup>49</sup> )	11,916	9,203	2,713
Directors, managers, and officials, motion picture production	( <sup>49</sup> )	( <sup>49</sup> )	( <sup>49</sup> )	1,923	1,888	35
Healers (not elsewhere classified)	<sup>49</sup> 14,774	<sup>49</sup> 6,872	<sup>49</sup> 7,902	17,640	7,866	9,774
Keepers of charitable and penal institutions	12,884	7,959	4,925	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	( <sup>49</sup> )	( <sup>49</sup> )	( <sup>49</sup> )	1,819	1,639	180
Religious workers	<sup>48</sup> 41,078	<sup>48</sup> 14,151	<sup>48</sup> 26,927	31,290	11,339	19,951
Theatrical owners, managers, and officials.	<sup>41</sup> 18,395	<sup>41</sup> 17,138	<sup>41</sup> 1,257	19,723	18,091	1,632

<sup>7</sup> Comparable figures for 1920 not available.<sup>28</sup> See note 4, p. 62.<sup>41</sup> In 1920 this group included "Postmasters," classified in "Transportation and communication" in 1930.<sup>42</sup> Includes only those resident in continental United States at date of enumeration.<sup>43</sup> Probably includes some teachers in schools below collegiate rank.<sup>44</sup> Includes, also, all technical engineers not elsewhere classified.<sup>45</sup> Includes, also, chemical and metallurgical engineers.<sup>46</sup> See note 20, p. 67.<sup>47</sup> "County agents, farm demonstrators, etc." included with "Agents" in "Clerical occupations."<sup>48</sup> "Social and welfare workers" included with "Religious workers" in "Semiprofessional pursuits."<sup>49</sup> Classified in "Domestic and personal service" in 1920, transferred to "Professional service" in 1930.<sup>50</sup> Chiropractors were included in "Healers (except osteopaths and physicians and surgeons)" in 1920.<sup>51</sup> "Directors, managers, and officials, motion picture production" were included in the group "Theatrical owners, managers, and officials" in 1920.<sup>52</sup> Not shown prior to 1930.

AREA AND POPULATION

No. 55.—GAINFUL WORKERS 10 YEARS OF AGE AND OVER, BY OCCUPATION, BY SEX, CONTINENTAL UNITED STATES: 1920 AND 1930.—Continued

OCCUPATION	1920			1930		
	Total	Male	Female	Total	Male	Female
<b>Professional service—Continued.</b>						
Semiprofessional, etc., pursuits—Contd.						
Technicians and laboratory assistants	( <sup>68</sup> )	( <sup>68</sup> )	( <sup>68</sup> )	15,958	8,288	7,700
Other occupations	4,257	3,187	1,070	10,521	8,766	1,750
Attendants and helpers	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	170,384	114,759	55,625
Attendants, pool rooms, bowling alleys, golf clubs, etc.	( <sup>64</sup> )	( <sup>64</sup> )	( <sup>64</sup> )	16,168	16,047	121
Dentists' assistants and attendants	6,708	1,768	4,940	13,715	770	12,945
Helpers, motion-picture production	( <sup>68</sup> )	( <sup>68</sup> )	( <sup>68</sup> )	2,213	1,234	979
Laborers, professional service	( <sup>68</sup> )	( <sup>68</sup> )	( <sup>68</sup> )	25,353	23,762	1,621
Laborers, recreation and amusement	( <sup>68</sup> )	( <sup>68</sup> )	( <sup>68</sup> )	29,893	29,458	435
Physicians' and surgeons' attendants	7,051	641	6,410	14,042	689	13,353
Stage hands and circus helpers	5,803	5,377	426	4,274	4,099	175
Theater ushers	5,221	2,868	2,353	12,461	9,308	3,153
Other attendants and helpers	6,929	4,039	2,890	62,235	29,392	22,843
<b>Domestic and personal service</b>	<b>3,379,995</b>	<b>1,193,319</b>	<b>2,186,682</b>	<b>4,952,451</b>	<b>1,772,200</b>	<b>3,180,251</b>
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	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	22,116	19,822	2,294
Foremen and overseers	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	819	470	349
Laborers	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	4,549	3,910	639
Other operatives	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	60,634	42,313	18,321
Elevator tenders	40,713	33,376	7,337	67,614	55,255	12,359
Hotel keepers and managers	55,853	41,449	14,134	66,848	39,538	17,310
Housekeepers and stewards	221,612	17,262	204,350	256,746	20,383	236,363
Janitors and sextons	178,628	149,690	29,038	309,625	273,805	35,820
Laborers, domestic and personal service	<sup>68</sup> 32,893	<sup>68</sup> 31,224	<sup>68</sup> 1,669	71,687	67,337	4,350
Laundresses and laundresses (not in laundry)	396,756	10,882	385,874	361,033	4,567	356,468
Laundry owners, managers, and officials	13,692	12,239	1,453	24,545	22,482	2,063
Laundry operatives	120,715	39,068	80,747	240,704	80,229	160,475
Deliverymen	( <sup>49</sup> )	( <sup>49</sup> )	( <sup>49</sup> )	20,573	20,558	15
Foremen and overseers	3,611	2,076	1,535	6,337	3,583	2,754
Laborers	13,107	6,670	6,537	19,293	11,001	8,292
Other operatives	103,997	81,322	22,675	194,501	45,087	149,414
Midwives	4,773		4,773	3,506		3,506
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	43,203	42,920	279	57,612	57,599	13
Professional service	22,513	22,486	27	7,706	7,750	16
Steam railroad	22,447	22,268	179	27,648	27,647	1
Other porters (except in stores)	87,987	72,343	15,644	34,462	34,440	22
Restaurant, café, and lunch-room keepers				125,898		40,008
Servants						
Cooks	398,476	129,857	268,618	565,392	194,297	371,095
Other servants	<sup>68</sup> 872,471	<sup>68</sup> 128,956	<sup>68</sup> 743,515	1,439,741	169,577	1,269,804
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	7,323	7,288	35	6,219	6,182	37
Other occupations	50,428	48,597	1,831	17,840	16,185	1,654
<b>Clerical occupations</b>	<b>3,111,686</b>	<b>1,689,811</b>	<b>1,421,875</b>	<b>4,025,324</b>	<b>2,038,494</b>	<b>1,986,830</b>
Agents, collectors, and credit men	<sup>68</sup> 161,067	<sup>68</sup> 149,427	<sup>68</sup> 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	161,671	147,557	17,014
Bookkeepers and cashiers	616,237	270,401	345,746	730,077	273,380	456,697
Clerks (except "clerks" in stores)	1,487,905	1,015,742	472,163	1,997,000	1,290,440	706,553
Messenger, errand, and office boys and girls	113,022	98,768	14,254	90,379	81,430	8,949
Stenographers and typists	615,154	80,410	534,744	811,100	36,050	775,140

<sup>7</sup> Comparable figures for 1920 not available. <sup>21</sup> Not classified separately in 1920.  
<sup>64</sup> Largely distributed among 3 groups—"Semiskilled operatives, other chemical factories"; "Other occupations" under "Semiprofessional pursuits"; and "Other clerks" under "Clerical occupations."  
<sup>68</sup> Included in 1920 in "Other servants" in "Domestic and personal service."  
<sup>69</sup> Included in "Operatives, other and not specified manufacturing industries" p. 64.  
<sup>70</sup> "Laborers, professional service"; "Laborers, recreation and amusement"; and "Laborers, domestic and personal service" comprised the 1920 group "Laborers, domestic and professional service."  
<sup>71</sup> Some owners of hand laundries probably are included with laundry operatives.  
<sup>72</sup> Some deliverymen probably returned as chauffeurs. <sup>73</sup> Included with "Deliverymen" in "Trade."  
<sup>74</sup> "Attendants, pool rooms, bowling alleys, golf clubs, etc.," classified in "Professional service" in 1930, formed a part of the 1920 group "Bellboys, chore boys, etc.," which was a subgroup of the group "Servants."  
<sup>75</sup> See note 39, p. 68, and note 62 below.  
<sup>76</sup> "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. Carvers, classified in "Clerical occupations" in 1920, were transferred to "Trade" in 1930.  
<sup>77</sup> Except telegraph messengers.

No. 56.—RELIGIOUS BODIES—DENOMINATIONS, BY NUMBER OF CHURCHES AND BY MEMBERSHIP: 1926 AND 1936

DENOMINATION	CHURCHES REPORTING MEMBERS		NUMBER OF MEMBERS		MEMBERSHIP BY AGE, 1936		
	1926	1936	1926	1936	Under 13 years	13 years and over	Age not reported
All denominations.....	232, 154	199, 302	54, 576, 346	55, 872, 368	7, 852, 273	36, 534, 967	11, 485, 126
Adventists (6 bodies).....	2, 576	2, 536	146, 177	165, 815	4, 247	151, 037	10, 531
Baptist bodies.....	60, 192	49, 478	8, 440, 922	8, 282, 287	550, 731	6, 841, 818	869, 738
Northern Baptist Convention.....	7, 611	6, 284	1, 289, 960	1, 320, 044	60, 691	1, 114, 460	153, 893
Southern Baptist Convention.....	23, 374	13, 815	3, 524, 378	2, 700, 155	135, 152	2, 181, 025	383, 378
American Baptist Association.....	1, 431	1, 064	117, 858	115, 022	2, 076	93, 955	18, 991
Negro Baptists.....	22, 081	23, 093	3, 106, 023	3, 782, 404	339, 975	3, 170, 103	272, 886
Free Will Baptists.....	1, 024	920	79, 592	76, 643	1, 005	65, 836	10, 162
Primitive Baptists.....	2, 267	1, 726	81, 374	69, 157	220	60, 132	8, 805
All other (15 bodies).....	2, 404	2, 576	151, 131	189, 802	11, 522	166, 137	22, 123
Brethren, German Baptist (Dunkers) (4 bodies).....	1, 270	1, 381	158, 243	188, 290	13, 511	158, 118	16, 661
Church of Christ, Scientist.....	1, 013	2, 113	202, 098	268, 915	-----	183, 352	85, 563
Church of the Nazarene.....	1, 444	2, 197	63, 558	136, 227	8, 472	120, 030	7, 725
Churches of Christ.....	6, 226	3, 815	433, 714	309, 551	748	23, 693	285, 110
Congregational and Christian Churches <sup>1</sup> .....	-----	5, 300	-----	976, 388	19, 657	737, 655	210, 066
Disciples of Christ.....	7, 648	5, 506	1, 377, 595	1, 106, 315	76, 783	980, 815	138, 717
Eastern Orthodox Churches.....	446	659	269, 894	356, 638	66, 249	197, 686	92, 711
Greek Orthodox Church.....	153	241	119, 495	189, 368	28, 712	87, 027	73, 629
Russian Orthodox Church.....	199	229	95, 134	89, 510	18, 572	54, 745	16, 193
All other (9 bodies).....	94	189	44, 765	77, 700	18, 958	55, 913	2, 889
Evangelical Church.....	2, 054	1, 695	206, 080	212, 446	10, 197	194, 697	7, 552
Evangelical Congregational Church.....	153	160	20, 449	23, 894	920	22, 218	756
Evangelical and Reformed Church.....	2, 990	2, 875	675, 804	723, 877	55, 493	490, 046	178, 338
Federated Churches.....	361	508	69, 977	88, 411	2, 477	73, 478	12, 456
Friends (4 bodies).....	885	717	110, 422	93, 697	11, 904	79, 868	1, 925
Jewish Congregations.....	3, 118	3, 728	4, 081, 242	4, 706, 184	-----	-----	4, 706, 184
Letter-day Saints.....	1, 867	2, 072	608, 561	774, 189	173, 580	478, 144	122, 445
Church of Jesus Christ of Letter-day Saints.....	1, 275	1, 452	542, 194	678, 217	168, 668	405, 705	103, 844
Reorganized Church of Jesus Christ of Letter-Day Saints.....	592	567	64, 367	93, 470	4, 861	70, 036	18, 573
All other (4 bodies).....	-----	53	-----	2, 482	51	2, 403	28
Lutheran bodies.....	8, 998	14, 798	2, 606, 589	4, 244, 890	1, 019, 194	3, 081, 889	143, 807
American Luth. Conference <sup>2</sup> .....	-----	5, 855	-----	1, 424, 442	350, 780	1, 023, 013	50, 049
Evangelical Luth. Synodical Conference of North America <sup>3</sup> .....	4, 762	4, 926	1, 292, 620	1, 463, 482	390, 261	1, 056, 647	16, 574
United Lutheran Church in America.....	3, 650	3, 484	1, 214, 340	1, 286, 612	261, 481	949, 928	75, 203
All other (9 bodies).....	594	623	99, 673	70, 354	16, 672	52, 301	1, 381
Mennonites (17 bodies).....	826	913	87, 164	114, 337	2, 846	90, 454	12, 037
Methodist bodies.....	60, 844	42, 327	8, 079, 619	7, 001, 637	601, 834	5, 505, 990	894, 713
Methodist Episcopal Church.....	26, 130	18, 349	4, 080, 777	3, 509, 793	237, 451	2, 870, 106	402, 206
Methodist Protestant Church.....	2, 239	1, 498	192, 171	148, 288	8, 262	124, 863	15, 163
Methodist Episcopal, South.....	18, 096	11, 454	2, 487, 694	2, 061, 693	189, 983	1, 561, 805	309, 890
African Methodist Episcopal.....	6, 708	4, 578	545, 814	493, 357	57, 605	364, 274	71, 478
African Meth. Episcopal Zion.....	2, 466	2, 252	456, 813	414, 244	65, 820	332, 376	16, 048
Colored Methodist Episcopal.....	2, 518	2, 063	202, 713	266, 915	36, 201	160, 836	72, 878
All other (15 bodies).....	2, 487	2, 133	113, 637	104, 387	6, 507	90, 830	7, 050
Polish National Catholic Church.....	91	118	61, 574	63, 366	13, 584	42, 173	7, 609
Presbyterian bodies.....	14, 744	12, 685	2, 532, 010	2, 513, 653	98, 708	2, 107, 847	307, 098
Presb. Church in the U. S. A.....	8, 947	7, 789	1, 894, 030	1, 797, 927	58, 458	1, 494, 063	245, 416
Cumberland Presb. Church.....	1, 097	699	67, 938	49, 975	2, 813	44, 855	2, 307
United Presbyterian Church.....	901	778	171, 571	170, 967	5, 821	155, 165	9, 981
Presb. Church in the U. S. S.....	3, 365	2, 967	357, 769	449, 045	28, 506	377, 938	42, 601
All other (6 bodies).....	434	452	40, 702	45, 739	3, 110	35, 836	6, 793
Protestant Episcopal Church.....	7, 299	6, 407	1, 859, 086	1, 735, 335	289, 082	1, 150, 318	295, 935
Reformed bodies.....	973	988	256, 265	299, 694	40, 384	248, 806	10, 005
Reformed Church in America.....	717	695	153, 739	184, 536	10, 847	171, 958	1, 731
All other (2 bodies).....	256	291	102, 526	115, 158	30, 037	76, 847	8, 274
Roman Catholic Church.....	18, 940	18, 400	18, 605, 003	19, 914, 937	4, 650, 081	12, 316, 771	2, 948, 105
Salvation Army.....	1, 052	1, 088	74, 768	103, 038	30, 209	72, 829	-----
Spiritualists (4 bodies).....	611	424	50, 631	27, 352	2, 242	21, 703	3, 407
Unitarians.....	353	305	60, 152	59, 228	1, 219	57, 274	735
United Brethren (3 bodies).....	3, 375	2, 762	395, 885	392, 897	27, 580	344, 365	20, 932
Universalist Church.....	498	339	54, 957	45, 853	780	35, 143	9, 950
All other denominations.....	20, 594	12, 961	3, 010, 458	873, 045	79, 108	718, 642	75, 295

<sup>1</sup> Represents the merger of the Congregational Churches and the General Convention of the Christian Church. As it was formed since the Census of Religious Bodies, 1926, no comparative data are available.

<sup>2</sup> Represents the federation of 5 separate bodies—namely, American Lutheran Church, Evangelical Lutheran Augustana Synod of North America, Norwegian Lutheran Church of America, Lutheran Free Church, and United Danish Evangelical Lutheran Church in America. As it was formed since the Census of Religious Bodies, 1926, no comparative data are available.

<sup>3</sup> Includes 4 synods, of which the largest is the Synod of Missouri, Ohio, and other States.

No. 57.—RELIGIOUS BODIES—VALUE OF CHURCH EDIFICES, EXPENDITURES, AND NUMBER AND MEMBERSHIP OF SUNDAY SCHOOLS: 1936

DENOMINATION	VALUE OF CHURCH EDIFICES		EXPENDITURES DURING YEAR		SUNDAY SCHOOLS	
	Churches reporting	Amount	Churches reporting	Amount	Churches reporting	Number of scholars
All denominations.....	178,764	\$3,411,875,467	188,767	\$518,968,671	162,201	18,389,026
Adventists (8 bodies).....	1,768	8,778,620	2,417	6,574,658	1,845	119,750
Baptist bodies.....	44,251	389,661,696	47,617	55,779,246	42,876	4,889,097
Northern Baptist Convention.....	5,922	167,576,463	6,168	19,577,463	5,904	892,872
Southern Baptist Convention.....	12,370	117,706,205	13,621	19,630,844	12,161	1,664,105
American Baptist Association.....	848	1,507,798	1,020	352,529	798	50,008
Negro Baptists.....	21,045	93,798,181	22,652	14,978,600	21,076	1,056,638
Free Will Baptists.....	692	1,090,779	843	192,620	600	42,456
Primitive Baptists.....	1,365	2,180,047	1,054	157,630	41	2,631
All other (15 bodies).....	2,009	5,742,133	2,250	889,754	1,297	73,388
Brethren, German Baptist (Dunkers) (4 bodies).....	1,243	9,900,815	1,333	1,720,956	1,104	138,123
Church of Christ, Scientist.....	1,544	65,361,301	2,076	10,429,418	1,742	130,758
Church of the Nazarene.....	1,701	8,987,961	2,152	3,797,224	2,008	220,608
Churches of Christ.....	2,932	10,717,977	3,533	2,274,432	2,935	191,150
Congregational and Christian Churches.....	4,984	149,755,041	5,031	16,110,465	4,815	526,907
Disciples of Christ.....	5,083	88,070,194	5,361	11,273,964	5,171	761,257
Eastern Orthodox Churches.....	524	13,694,231	638	1,991,119	299	23,549
Greek Orthodox Church.....	107	6,688,227	240	1,013,132	120	13,553
Russian Orthodox Church.....	214	4,926,500	227	501,433	101	4,293
All other (9 bodies).....	143	2,079,504	171	386,554	60	3,703
Evangelical Church.....	1,660	21,043,229	1,687	4,057,521	1,559	248,666
Evangelical Congregational Church.....	156	3,206,428	100	461,969	155	30,193
Evangelical and Reformed Church.....	2,697	77,581,798	2,822	9,325,381	2,661	480,000
Federated Churches.....	477	10,870,046	492	1,408,560	484	61,602
Friends (4 bodies).....	630	5,356,674	696	898,758	591	52,657
Jewish Congregations.....	2,024	123,284,677	2,159	14,404,427	1,028	104,392
Latter-day Saints.....	1,434	20,774,350	1,934	3,873,460	1,606	293,985
Church of Jesus Christ of Latter-day Saints.....	1,040	19,064,244	1,416	2,963,690	1,431	264,321
Reorganized Church of Jesus Christ of Latter Day Saints.....	380	1,015,126	480	399,010	440	28,451
All other (4 bodies).....	14	94,980	38	10,766	26	913
Lutheran bodies.....	15,472	276,428,601	14,486	43,431,180	12,973	1,978,102
American Lutheran Conference.....	5,524	81,027,758	5,799	13,187,871	4,909	444,417
Evangelical Lutheran Synodical Conference of North America.....	4,175	78,292,720	4,726	15,433,728	3,821	280,795
United Lutheran Church in America.....	3,384	117,577,984	3,468	14,366,739	3,334	627,181
All other (9 bodies).....	380	2,530,130	492	442,822	300	14,709
Mennonites (17 bodies).....	696	4,767,432	840	1,111,773	685	113,136
Methodist bodies.....	39,853	546,194,814	41,637	79,668,248	37,010	4,647,531
Methodist Episcopal Church.....	17,719	345,402,555	18,157	46,231,459	16,228	2,515,181
Methodist Protestant Church.....	1,419	12,533,926	1,463	1,704,717	1,331	121,983
Methodist Episcopal, South.....	10,740	137,567,532	11,300	21,568,363	9,374	1,261,966
African Methodist Episcopal.....	4,078	20,710,623	4,523	4,059,809	4,207	238,185
Zion.....	2,008	14,750,165	2,230	2,319,367	2,050	167,362
Colored Methodist Episcopal.....	1,979	6,148,826	1,886	1,378,749	1,976	94,668
All other (15 bodies).....	1,910	9,081,187	2,078	2,310,787	1,835	148,186
Polish National Catholic Church.....	108	3,409,265	117	422,188	72	4,061
Presbyterian bodies.....	11,509	352,756,688	12,015	48,210,689	11,665	1,686,106
Presbyterian Church in the U. S. A.....	7,022	270,464,345	7,272	34,316,610	7,378	1,154,985
Cumberland Presbyterian Church.....	617	2,160,676	651	376,524	569	35,206
United Presbyterian Church.....	737	23,070,774	775	3,711,043	758	133,226
Presbyterian Church in the U. S. A. All other (6 bodies).....	2,762	53,197,115	2,895	9,123,628	2,578	331,833
Protestant Episcopal Church.....	371	3,856,678	422	682,384	404	30,855
Reformed bodies.....	5,715	266,400,447	6,117	29,288,532	4,929	432,679
Reformed Church in America.....	903	30,328,420	948	5,070,517	924	158,061
All other (2 bodies).....	627	24,851,873	657	4,010,032	675	119,317
Roman Catholic Church.....	276	5,474,556	291	1,660,485	249	34,634
Roman Catholic Church.....	15,661	787,001,357	15,720	130,073,358	8,053	972,891
Salvation Army.....	828	21,781,052	1,085	6,056,923	1,075	122,463
Spiritualists (4 bodies).....	89	934,105	380	296,006	71	2,797
Unitarians.....	225	19,098,977	300	1,846,760	268	14,870
United Brethren (3 bodies).....	2,629	28,253,033	2,730	4,574,149	2,603	337,154
Universalist Church.....	307	9,286,523	301	824,176	208	12,811
All other denominations.....	8,659	55,104,146	12,081	14,702,529	10,976	833,927

Source: Department of Commerce, Bureau of the Census; Religious Bodies, Part I.

## 2. DEFECTIVES AND EPILEPTICS

[Data in this section relate to continental United States]

### No. 58.—MENTAL PATIENTS, MENTAL DEFECTIVES, AND EPILEPTICS IN STATE INSTITUTIONS, AND PRISONERS IN STATE AND FEDERAL PRISONS AND REFORMATORIES: 1910 TO 1939

[Ratio equals number per 100,000 population]

YEAR	STATE HOSPITALS FOR MENTAL DISEASE <sup>1</sup>				STATE INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS				STATE AND FEDERAL PRISONS AND REFORMATORIES			
	Patients present Jan. 1		First admissions		Patients present Jan. 1		First admissions		Prisoners present Jan. 1		Prisoners received from courts	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
1910	150,006	173.0			217,411	18.9			68,735	74.7	29,710	32.5
1922	222,406	204.0	50,286	45.8	43,570	40.0	7,467	6.8				
1923	220,664	207.5			46,580	42.1			81,959	74.0	38,628	34.6
1930 <sup>2</sup>	280,252	228.8	62,738	51.1	68,035	55.5	10,137	8.3	120,496	104.1	66,013	56.0
1931 <sup>2</sup>	262,284	236.3	67,152	54.1	72,565	58.7	10,727	8.8	129,453	110.9	71,520	60.9
1932 <sup>2</sup>	305,031	244.8	67,083	53.7	76,726	61.6	10,676	8.7	137,082	118.2	67,477	57.8
1933 <sup>2</sup>	321,824	256.7	69,368	55.2	84,131	67.1	10,806	8.6	137,997	116.9	62,801	52.9
1934 <sup>2</sup>	332,094	263.1	69,934	55.2	87,382	69.2	10,570	8.3	136,810	115.0	62,251	51.9
1935 <sup>2</sup>	342,167	269.1	72,438	56.8	89,760	70.6	10,209	8.1	138,316	115.3	65,723	54.3
1936 <sup>2</sup>	353,604	276.2	70,309	56.4	91,754	71.7	9,884	7.7	144,180	119.2	60,925	50.0
1937 <sup>2</sup>	364,563	282.9	78,217	60.5	93,772	72.8	11,357	8.8	145,038	119.1	63,552	51.8
1938 <sup>2</sup>	374,169	288.2	79,408	61.4	96,897	74.9	10,322	8.0	152,654	(*)	68,326	(*)
1939 <sup>2</sup>	384,573	295.3			100,217	77.5			160,285	(*)	66,024	(*)

<sup>1</sup> The figures under this heading include data for patients in Federal hospitals, as follows: St. Elizabeths, District of Columbia; for years prior to 1933, Asylum for Insane Indians, South Dakota; beginning 1935, Morningside, Oreg., which cares for the Alaskan insane, under a contract with the Interior Department.

<sup>2</sup> Not including number of patients in 7 special State institutions for epileptics. Data for these institutions are included in the figures for subsequent years.

<sup>3</sup> Not including data for certain institutions not reporting, as follows: Institutions for mental defectives, 1 for 1930 and 1931, and 2 for 1932; mental-disease hospital, 1 for 1930 and 1932; State prisons, 2 for 1933 and 1939, 3 for 1930, 1931, 1934, 1935, 1936, and 1937, and 4 for 1932 and 1933.

<sup>4</sup> Estimate of population 15 years and over not available.

<sup>5</sup> Based on 1938 population estimate. No 1939 estimate available.

### No. 59.—MOVEMENT OF PATIENT POPULATION IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1936, 1937, AND 1938

ITEM	HOSPITALS FOR MENTAL DISEASE				INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS			
	1936 <sup>1</sup>	1937 <sup>1</sup>	1938		1936 <sup>1</sup>	1937 <sup>1</sup>	1938	
			Total <sup>1</sup>	State			Total <sup>1</sup>	State
Patients on books at beginning of year	468,945	484,237	499,919	424,028	111,879	113,760	116,644	111,864
In hospitals or institutions	410,832	431,990	444,939	374,109	96,995	98,765	102,010	96,897
Absent	49,113	52,247	54,980	49,859	14,884	14,995	14,628	14,467
In family care		603	1,369	1,369		802	1,081	1,081
On parole or otherwise absent		51,644	53,594	48,493		14,193	13,547	13,386
Admissions during the year	146,650	155,695	163,380	106,220	12,498	14,750	19,290	11,828
First admissions	105,994	110,082	110,323	79,408	10,711	12,550	11,614	10,322
Readmissions	30,585	33,389	33,222	21,085	845	961	990	844
Transfers from other hospitals for mental disease or institutions for mental defectives and epileptics	10,071	12,224	9,845	5,727	932	1,239	686	662
Separations during the year	131,343	139,734	139,415	95,159	9,509	11,326	10,023	8,722
Discharges	81,210	87,449	90,909	59,756	5,346	6,647	6,214	5,289
Discharged as recovered				15,142				
Discharged as improved				25,514				
Discharged as unimproved				4,734				
Discharged, condition not reported				451				
Discharged as without psychosis				10,916				
Transfers to other hospitals for mental disease or institutions for mental defectives and epileptics	11,745	13,127	11,368	6,682	1,297	1,527	970	810
Deaths in hospitals or institutions	37,661	38,270	36,263	30,977	2,813	3,094	2,792	2,846
Deaths while on parole	727	888	875	741	53	58	77	77
Patients on books at end of year	484,252	500,108	513,894	435,092	114,658	117,184	119,911	114,470
In hospitals or institutions	432,131	445,031	457,983	384,573	99,343	102,333	105,498	100,217
Absent	62,121	55,167	55,911	50,519	15,215	14,851	14,413	14,253
In family care		893	1,422	1,422		980	1,269	1,269
On parole or otherwise absent		54,274	54,489	49,097		13,871	13,144	12,984

<sup>1</sup> Institutions under Federal, State, private, and local government control.

Source of tables 58 and 59: Department of Commerce, Bureau of the Census; annual reports, Patients in Hospitals for Mental Disease, Mental Defectives and Epileptics in Institutions, and Prisoners.



NO. 60.—PATIENTS IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS  
FOR MENTAL DEFECTIVES AND EPILEPTICS, BY STATES: 1938

[Ratio equals number per 100,000 population as estimated for July 1, 1937]

STATE	PATIENTS IN HOSPITALS FOR MEN- TAL DISEASE					MENTAL DEFECTIVES AND EPILEPTICS IN INSTITUTIONS						
	On books at be- gin- ning of year	First admissions during year				On books at be- gin- ning of year	First admissions during year					
		Total	Male	Fe- male	Ratio		Total	Male	Fe- male	Ratio	De- fec- tive	Epi- lep- tic
United States	499,919	110,323	64,861	45,462	85.4	116,644	11,614	6,281	5,333	9.0	8,979	1,983
<b>New England:</b>												
Maine	2,780	518	291	227	60.5	1,017	105	58	47	12.3	105	-----
New Hampshire	2,244	448	244	204	87.8	636	104	44	60	20.4	93	11
Vermont	1,835	574	312	262	149.9	308	26	4	22	6.8	24	-----
Massachusetts	26,751	4,277	2,330	1,947	96.6	7,900	428	232	196	9.7	320	80
Rhode Island	2,962	641	318	323	94.1	1,027	62	22	40	9.1	61	1
Connecticut	8,058	2,277	1,213	1,064	130.8	1,346	46	25	21	2.6	34	12
<b>Middle Atlantic:</b>												
New York	77,416	14,665	7,895	6,770	113.2	20,192	2,669	1,516	1,153	20.6	2,027	301
New Jersey	18,633	5,031	2,880	2,151	115.8	6,618	637	297	340	14.7	330	153
Pennsylvania	35,056	5,189	2,891	2,298	51.0	7,821	474	264	210	4.7	354	99
<b>E. N. Central:</b>												
Ohio	24,202	5,178	2,744	2,434	76.9	8,695	696	381	315	10.3	449	247
Indiana	10,210	1,997	1,147	850	57.5	4,000	282	186	146	8.1	175	107
Illinois	32,742	8,662	5,307	3,355	110.0	9,151	1,087	638	449	13.8	933	148
Michigan	15,016	4,281	2,391	1,890	88.6	6,675	426	257	169	8.8	373	53
Wisconsin	12,844	2,761	1,551	1,165	92.8	3,255	373	191	182	12.7	341	68
<b>W. N. Central:</b>												
Minnesota	12,034	1,999	1,237	762	75.4	3,424	465	226	239	17.5	368	73
Iowa	9,992	1,929	1,179	750	75.6	3,302	158	71	87	6.2	126	32
Missouri	13,041	3,278	1,837	1,441	82.2	2,047	338	181	157	8.5	255	82
North Dakota	2,039	415	287	128	58.8	911	90	48	42	12.7	90	-----
South Dakota	1,617	287	164	123	41.5	701	60	30	30	8.7	46	10
Nebraska	4,300	742	444	298	54.4	1,604	103	49	54	7.6	83	15
Kansas	5,531	1,049	568	481	56.3	2,166	199	107	92	10.7	101	98
<b>South Atlantic:</b>												
Delaware	1,322	246	142	104	94.3	444	67	38	29	25.7	61	6
Maryland	9,052	2,399	1,414	985	142.9	1,148	104	54	50	6.2	102	2
Dist. of Col.	5,862	789	518	271	125.8	760	45	27	18	7.2	39	5
Virginia	13,643	3,159	2,137	1,022	116.7	1,668	256	129	127	9.4	181	74
West Virginia	4,117	1,083	667	416	58.1	81	5	5	-----	3	4	1
North Carolina	8,490	2,404	1,499	905	68.8	693	49	23	26	1.4	48	1
South Carolina	4,780	1,372	803	569	73.2	744	51	19	32	2.7	46	2
Georgia	9,601	1,737	1,097	640	56.3	334	26	12	14	8	26	-----
Florida	4,843	655	361	294	39.2	540	93	47	46	5.6	59	34
<b>E. S. Central:</b>												
Kentucky	7,319	2,289	1,509	780	78.4	976	47	29	18	1.6	32	15
Tennessee	6,257	1,961	1,144	817	67.8	638	59	27	32	2.0	56	3
Alabama	7,584	2,016	2,261	655	100.7	639	29	19	10	1.0	20	-----
Mississippi	6,075	2,046	1,295	751	100.1	344	46	20	26	2.3	46	-----
<b>W. S. Central:</b>												
Arkansas	6,180	1,013	1,333	580	93.4	-----	-----	-----	-----	-----	-----	-----
Louisiana	6,832	2,012	1,038	974	94.4	1,050	71	41	30	3.3	55	16
Oklahoma	7,705	1,476	898	578	57.9	994	87	39	48	3.4	67	20
Texas	14,290	3,322	1,989	1,333	53.8	2,671	615	361	254	10.0	441	168
<b>Mountain:</b>												
Montana	1,908	365	245	120	67.7	417	101	52	49	18.7	98	3
Idaho	1,053	244	161	83	49.5	541	34	11	23	6.0	27	7
Wyoming	1,065	111	79	32	47.2	475	32	17	15	13.6	27	4
Colorado	4,783	692	423	169	55.3	629	38	24	14	3.5	33	5
New Mexico	866	188	107	81	44.5	86	10	5	5	2.4	9	1
Arizona	1,069	253	163	90	61.4	-----	-----	-----	-----	-----	-----	-----
Utah	1,140	244	141	103	47.0	543	169	100	69	32.6	156	13
Nevada	355	81	59	22	80.2	-----	-----	-----	-----	-----	-----	-----
<b>Pacific:</b>												
Washington	7,301	1,503	931	572	90.7	1,570	168	92	76	10.1	146	22
Oregon	4,880	1,081	679	402	105.3	1,090	84	50	34	8.2	84	-----
California	26,154	7,729	4,538	3,191	125.6	4,688	500	263	237	8.1	419	41

<sup>1</sup> Includes 652 persons neither defective nor epileptic.

Source: Department of Commerce, Bureau of the Census; annual reports, Patients in Hospitals for Mental Disease and Mental Defectives and Epileptics in Institutions.

No. 61.—FIRST ADMISSIONS TO HOSPITALS FOR MENTAL DISEASE, BY PSYCHOSIS, BY SEX: 1937 AND 1938

PSYCHOSIS	NUMBER				PERCENT DISTRIBUTION				Admitted to State hospitals, 1938
	1937, total	1938			1937, total	1938			
		Total	Male	Female		Total	Male	Female	
Grand total.....	110,082	110,323	64,861	45,462	100.0	100.0	100.0	100.0	76,408
Total with psychosis.....	93,236	93,541	51,685	41,656	84.7	84.8	80.0	91.6	66,755
General paresis.....	7,517	7,827	6,126	1,701	6.8	7.1	9.4	3.7	6,112
Other forms of syphilis of the C. N. S.	1,629	1,497	1,073	424	1.5	1.4	1.7	.9	1,082
With epidemic encephalitis.....	373	332	215	117	.3	.3	.3	.3	254
With other infectious diseases.....	639	466	248	208	.6	.4	.4	.5	315
Alcoholic.....	5,639	4,940	4,131	809	5.1	4.5	6.4	1.8	3,434
Due to drugs and other exogenous poisons.....	653	634	316	318	.6	.6	.5	.7	316
Traumatic.....	586	624	536	88	.5	.6	.8	.2	471
With cerebral arteriosclerosis.....	11,543	11,989	6,910	5,079	10.5	10.9	10.7	11.2	10,407
With other disturbances of circulation.....	742	720	430	290	.7	.7	.7	.6	548
With convulsive disorders.....	1,952	1,942	1,118	824	1.8	1.8	1.7	1.8	1,586
Senile.....	8,530	8,576	4,435	4,141	7.7	7.8	6.8	9.1	6,544
Involutional psychoses.....	3,077	3,845	956	2,889	3.3	3.6	1.5	6.4	2,633
Due to other metabolic, etc., diseases.....	1,393	1,338	561	777	1.3	1.2	.9	1.7	1,096
With organic changes of the nervous system.....	875	805	572	323	.8	.8	.9	.7	659
Psychoneuroses.....	3,795	4,220	1,816	2,413	3.4	3.8	2.8	5.3	2,234
Manic-depressive.....	12,626	12,282	5,047	7,235	11.5	11.1	7.8	15.9	8,619
Dementia praecox (schizophrenia).....	20,658	21,279	11,509	9,770	18.8	19.3	17.7	21.5	16,395
Paranoia and paranoid conditions.....	1,812	1,862	871	991	1.6	1.7	1.3	2.2	1,207
With psychopathic personality.....	1,252	1,207	795	412	1.1	1.1	1.2	.9	854
With mental deficiency.....	3,099	3,055	1,704	1,351	2.8	2.8	2.6	3.0	2,554
All other with psychosis.....	4,246	4,012	2,516	1,496	3.9	3.9	3.9	3.3	2,433
Total without psychosis.....	16,846	16,782	12,976	8,806	15.3	15.2	20.0	8.4	9,655
Epilepsy.....	583	641	426	215	.5	.6	.7	.5	362
Mental deficiency.....	1,587	1,630	1,051	635	1.4	1.5	1.6	1.4	1,307
Alcoholism.....	8,463	7,604	6,662	942	7.7	6.9	10.3	2.1	4,230
Drug addiction.....	984	981	534	397	.8	.8	.8	.9	420
Psychopathic personality.....	885	1,065	815	280	.8	1.0	1.3	.6	678
Primary behavior disorders.....	349	408	236	172	.3	.4	.4	.4	271
All other without psychosis.....	4,055	4,417	3,252	1,165	3.7	4.0	5.0	2.6	2,327

No. 62.—PATIENTS WITH PSYCHOSIS IN STATE HOSPITALS FOR MENTAL DISEASE—DISCHARGES AND DEATHS, BY PSYCHOSIS: 1937 AND 1938

PSYCHOSIS	1937				1938			
	Total	Discharges		Deaths in hospitals	Total	Discharges		Deaths in hospitals
		Recovered	Improved			Recovered	Improved	
Total.....	42,838	13,760	23,793	31,953	45,841	15,142	26,614	30,213
General paresis.....	2,496	278	1,883	3,421	2,629	325	1,977	3,315
With other forms of syphilis of the C. N. S.	548	97	402	520	598	102	425	528
With epidemic encephalitis.....	159	13	112	123	164	28	99	101
With other infectious diseases.....	238	115	100	220	210	119	85	162
Alcoholic.....	3,736	2,363	1,210	672	3,781	2,306	1,334	551
Due to drugs and other exogenous poisons.....	356	205	133	46	339	210	110	41
Traumatic.....	284	88	173	108	351	90	207	123
With cerebral arteriosclerosis.....	2,525	386	1,746	7,067	2,620	460	1,750	6,821
With other disturbances of circulation.....	182	64	92	387	261	62	166	306
With convulsive disorders.....	1,075	152	672	951	1,098	170	712	919
Senile.....	990	83	644	5,779	1,009	73	648	5,379
Involutional psychoses.....	1,307	494	692	716	1,500	578	835	679
Due to other metabolic, etc., diseases.....	741	283	381	637	659	285	306	551
With organic changes of the nervous system.....	237	48	175	475	334	40	205	418
Psychoneuroses.....	2,270	743	1,242	152	2,471	833	1,426	153
Manic-depressive.....	10,056	5,507	3,951	2,816	10,840	6,081	4,128	2,600
Dementia praecox (schizophrenia).....	10,893	1,648	7,713	5,641	12,036	1,925	8,411	5,242
Paranoia and paranoid conditions.....	847	128	374	433	903	103	473	313
With psychopathic personality.....	1,012	510	414	108	1,024	530	400	82
With mental deficiency.....	1,599	383	870	882	1,804	482	1,022	913
All other with psychosis.....	1,237	292	614	799	1,170	232	605	823

<sup>1</sup> Includes those discharged as unimproved or with condition not reported.

Source of tables 61 and 62: Department of Commerce, Bureau of the Census; annual reports, Patients in Hospitals for Mental Disease.

No. 63.—FIRST ADMISSIONS TO STATE HOSPITALS FOR MENTAL DISEASE, PATIENTS WITH PSYCHOSIS ONLY—BY SEX AND AGE GROUPS: 1937 AND 1938

ITEM	1937			1938		
	Total	Male	Female	Total	Male	Female
Total.....	68,849	38,216	30,633	69,753	38,489	31,264
Age:						
Under 15 years.....	362	190	172	316	173	143
15 to 19.....	2,803	1,579	1,224	2,840	1,578	1,262
20 to 24.....	5,347	3,013	2,334	5,374	3,109	2,265
25 to 29.....	6,451	3,468	3,033	6,402	3,494	2,908
30 to 34.....	6,564	3,671	2,893	6,763	3,680	3,074
35 to 39.....	6,092	3,806	3,184	6,940	3,763	3,177
40 to 44.....	6,193	3,272	2,921	6,172	3,172	3,000
45 to 49.....	6,014	3,208	2,806	6,136	3,107	3,029
50 to 54.....	5,690	3,078	2,611	5,684	3,082	2,602
55 to 59.....	4,595	2,660	1,935	4,756	2,684	2,072
60 to 64.....	4,226	2,407	1,819	4,361	2,514	1,847
65 to 69.....	4,000	2,411	1,589	4,308	2,467	1,841
70 and over.....	9,029	5,168	3,861	9,163	5,268	3,895
Age unknown.....	604	383	221	538	330	199

No. 64.—FIRST ADMISSIONS TO INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS—BY SEX, MENTAL STATUS, AND TYPE OF EPILEPSY: 1937 AND 1938

STATUS AND TYPE	1937, total	1938						
		Total	State institutions			Other institutions		
			Total	Male	Female	Total	Male	Female
Defective, total.....	9,807	8,979	8,337	4,484	3,853	642	395	307
Idiot.....	1,596	1,409	1,361	757	604	48	25	23
Imbecile.....	3,072	2,803	2,554	1,363	1,191	249	145	104
Moron.....	4,596	4,309	4,070	2,147	1,923	239	122	117
Not reported.....	343	458	352	217	135	106	43	63
Epileptic, total.....	2,259	1,888	1,886	1,121	766	97	33	64
Symptomatic.....	537	461	448	293	155	13	4	9
Idiopathic.....	1,262	1,210	1,187	684	503	23	4	19
Not reported.....	460	312	251	144	107	61	25	36
Neither defective nor epileptic.....	684	652	99	34	65	553	274	279

No. 65.—PRISONERS IN STATE AND FEDERAL PRISONS AND REFORMATORIES—RECEIVED FROM COURTS, BY COLOR, NATIVITY, AGE GROUPS, AND SEX: 1936, 1937, AND 1938

COLOR, NATIVITY, AND AGE	1936	1937	1938			AGE	1936	1937	1938		
			Total	Male	Female				Total	Male	Female
Total.....	60,925	63,552	68,326	65,067	3,259	Age—Con.					
Color and nativity:						20.....	2,921	3,060	3,358	3,214	144
White.....	44,708	46,325	49,714	47,559	2,155	21 to 24.....	12,150	12,221	13,134	12,585	549
Native.....	41,513	43,103	46,421	44,445	1,976	25 to 29.....	11,852	11,515	12,539	11,957	582
Foreign-born.....	3,195	3,222	3,293	3,114	179	30 to 34.....	8,217	8,566	8,955	8,510	445
Negro.....	15,478	16,443	17,845	16,765	1,080	35 to 39.....	6,454	6,950	7,148	6,746	402
All other.....	739	784	767	743	24	40 to 44.....	4,115	4,481	4,732	4,519	213
Age:						45 to 49.....	2,817	3,079	3,211	3,062	149
Under 15 years.....	21	42	33	31	2	50 to 54.....	1,891	1,952	2,115	2,024	91
15 to 17.....	2,322	2,958	2,825	2,632	193	55 to 59.....	1,137	1,249	1,208	1,169	39
18.....	2,605	2,890	3,340	3,165	175	60 to 64.....	634	667	619	592	27
19.....	3,020	3,238	3,577	3,423	154	65 and over.....	562	621	601	586	15
						Unknown.....	198	63	931	852	79

Source of tables 63, 64, and 65: Department of Commerce, Bureau of the Census; annual reports, Patients in Hospitals for Mental Disease, Mental Defectives and Epileptics in Institutions, and Prisoners.

No. 66.—PRISONERS IN STATE AND FEDERAL PRISONS AND REFORMATORIES—  
PRESENT JANUARY 1 AND RECEIVED FROM COURTS DURING THE YEAR: 1936,  
1937, AND 1938

STATE	PRESENT JAN. 1			PRISONERS RECEIVED FROM COURTS				
	1936	1937	1938	1936	1937	1938		
						Total	Male	Female
United States <sup>1</sup> .....	144,180	145,038	162,654	60,925	63,552	68,326	65,007	3,269
Federal prisons.....	14,762	15,374	16,309	11,459	11,171	12,538	12,116	422
State prisons.....	129,418	129,664	137,345	49,466	52,381	55,788	52,891	2,837
<b>New England:</b>								
Maine.....	524	504	574	310	326	371	308	63
New Hampshire.....	228	257	262	111	113	113	117	1
Vermont.....	386	326	332	287	272	313	286	27
Massachusetts.....	2,934	2,899	3,265	952	1,025	916	611	305
Rhode Island.....	589	581	564	603	608	628	492	36
Connecticut.....	1,299	1,243	1,204	531	576	521	359	162
<b>Middle Atlantic:</b>								
New York.....	9,891	10,379	11,263	3,179	3,119	3,203	2,902	301
New Jersey.....	3,110	3,079	3,467	1,481	1,556	1,577	1,428	149
Pennsylvania.....	6,511	6,034	6,568	1,846	2,159	2,437	2,330	107
<b>East North Central:</b>								
Ohio.....	8,645	8,174	8,795	2,249	2,636	2,973	2,885	88
Indiana.....	4,474	4,360	4,669	1,363	1,395	1,451	1,408	43
Illinois.....	10,579	9,848	11,137	1,592	1,736	1,797	1,702	95
Michigan.....	7,206	6,503	6,926	2,335	2,441	2,726	2,611	115
Wisconsin.....	2,331	2,319	2,791	966	2,391	2,523	2,414	109
<b>West North Central:</b>								
Minnesota.....	2,594	2,506	2,379	832	873	1,008	953	55
Iowa.....	2,835	2,733	2,664	794	894	839	777	62
Missouri.....	4,671	4,917	4,855	1,334	1,734	1,960	1,914	46
North Dakota.....	268	271	255	215	204	236	234	2
South Dakota.....	571	557	528	290	266	272	264	8
Nebraska.....	1,266	1,303	1,266	636	647	530	514	16
Kansas.....	2,765	2,796	2,534	1,026	908	896	841	55
<b>South Atlantic:<sup>1</sup></b>								
Delaware.....	470	525	521	279	238	224	213	11
Maryland.....	2,899	2,947	2,752	2,879	2,700	3,047	2,920	127
District of Columbia.....	1,430	1,668	1,670	663	666	733	698	38
Virginia.....	3,794	4,074	4,248	1,861	1,913	2,004	1,942	62
West Virginia.....	2,294	2,322	2,396	1,070	998	1,037	1,008	29
North Carolina.....	3,283	3,616	3,818	1,445	1,405	1,441	1,333	108
South Carolina.....	1,244	1,310	1,250	656	605	661	610	51
Florida.....	2,849	3,233	3,254	1,234	1,348	1,340	1,281	59
<b>East South Central:<sup>1</sup></b>								
Kentucky.....	3,306	4,261	4,174	2,181	1,829	2,012	1,959	53
Tennessee.....	3,093	3,071	3,024	1,726	1,442	1,420	1,366	54
Mississippi.....	( <sup>2</sup> )	( <sup>2</sup> )	2,571	( <sup>2</sup> )	( <sup>2</sup> )	914	876	39
<b>West South Central:</b>								
Arkansas.....	1,872	1,859	1,917	971	945	869	846	23
Louisiana.....	3,001	3,044	3,274	1,004	1,193	1,176	1,101	75
Oklahoma.....	4,670	4,256	3,904	2,410	2,102	2,210	2,146	64
Texas.....	5,904	5,948	6,400	2,829	2,974	3,230	3,145	85
<b>Mountain:</b>								
Montana.....	562	538	578	277	317	333	330	3
Idaho.....	300	305	325	197	203	210	209	1
Wyoming.....	322	363	364	110	202	190	190	
Colorado.....	1,321	1,359	1,437	716	385	391	379	12
New Mexico.....	604	559	651	343	410	383	378	5
Arizona.....	613	638	699	377	397	338	335	3
Utah.....	325	278	304	109	159	147	143	4
Nevada.....	186	197	230	113	141	133	130	3
<b>Pacific:</b>								
Washington.....	2,012	1,986	2,166	768	783	841	825	16
Oregon.....	909	1,060	1,085	493	521	523	524	4
California.....	8,678	8,108	8,108	1,777	2,132	2,278	2,218	60

<sup>1</sup> No report received from the State prison in Georgia or Alabama.

<sup>2</sup> No report received from the State prison.

Source: Department of Commerce, Bureau of the Census; annual reports, Prisoners.

No. 67.—PRISONERS IN STATE AND FEDERAL PRISONS AND REFORMATORIES—  
RECEIVED FROM COURTS, BY OFFENSE: 1936, 1937, AND 1938

OFFENSE	STATE AND FEDERAL PRISONS AND REFORMATORIES (ENTIRE YEAR)							
	1936, total	1937, total	1938			Percent, 1938		
			Total	Male	Female	Total	Male	Female
All offenses.....	60,925	63,552	68,326	65,087	3,259	100.0	100.0	100.0
Homicide.....	3,731	3,703	3,649	3,298	351	5.3	5.1	10.8
Robbery.....	5,300	5,298	6,008	5,092	106	8.9	9.2	3.3
Aggravated assault.....	2,276	2,874	3,265	3,097	168	4.8	4.8	5.2
Other assault.....	1,055	417	184	186	18	3	3	.6
Burglary.....	11,655	12,071	13,170	13,038	102	10.3	20.1	3.1
Larceny, except auto theft.....	10,948	11,126	11,831	11,397	434	17.3	17.5	13.3
Auto theft.....	3,178	3,597	3,697	3,662	35	5.4	5.6	1.1
Embezzlement and fraud.....	2,072	1,745	1,990	1,920	70	2.9	3.0	2.1
Stolen property.....	666	543	553	526	27	8	8	.8
Forgery.....	4,064	4,548	5,552	5,383	189	8.1	8.2	5.8
Rape.....	1,420	2,067	1,959	1,959		2.9	3.0	
Prostitution and commercialized vice.....	514							
Other sex offenses.....	1,692	2,354	2,516	1,908	608	3.7	2.9	18.7
Violating drug laws.....	1,701	1,614	2,375	2,131	244	3.5	3.3	7.5
Violating liquor laws.....	5,884	5,362	5,286	5,100	127	7.7	7.9	3.0
Carrying weapons, etc.....	383	403	351	344	7	.5	.5	.2
Nonsupport or neglect.....	443	547	598	503	95	.9	.8	2.0
Violating traffic and motor-vehicle laws.....	408	541	711	698	13	1.0	1.1	.4
Disorderly conduct and drunkenness <sup>1</sup> .....	1,206	1,830	1,738	1,409	329	2.5	2.2	10.1
Gambling.....	61	38	35	35		.1	.1	
Other offenses.....	2,218	2,874	2,818	2,482	336	4.1	3.8	10.3
Not reported.....	160							

<sup>1</sup> Includes vagrancy.

No. 68.—MOVEMENT OF POPULATION IN STATE AND FEDERAL PRISONS AND REFORMATORIES, BY SEX: 1937 AND 1938

[Figures are complete except for Alabama and Georgia in both years and for Mississippi in 1937]

ITEM	1937			1938		
	Total	Male	Female	Total	Male	Female
Prisoners present at beginning of year.....	145,038	139,800	5,048	162,654	147,375	5,279
Admissions during year.....	71,110	67,418	3,692	75,957	72,150	3,807
Received from courts.....	63,552	60,334	3,218	68,326	65,097	3,259
Parole violators returned.....	5,928	5,691	237	5,064	5,677	287
Escaped prisoners returned.....	1,336	1,205	131	1,354	1,284	70
Other admissions.....	294	188	106	313	122	191
Transferred from other penal institutions.....	10,874	10,732	142	12,130	11,884	246
Discharges during year.....	65,302	61,850	3,452	67,662	64,013	3,649
Sentence expired.....	24,024	22,871	1,153	25,017	23,375	1,142
Pardoned.....	155	148	7	152	143	9
Sentence commuted.....	229	219	10	258	253	5
Paroled.....	27,328	25,748	1,580	27,684	25,951	1,733
Conditionally pardoned.....	1,411	1,350	52	1,723	1,653	70
Other conditional release.....	8,676	8,317	359	9,372	9,004	368
Escaped.....	1,335	1,220	115	1,273	1,213	59
Executed.....	102	102		121	110	2
Died.....	1,082	1,053	29	990	970	20
Other discharges.....	960	813	147	1,073	832	241
Transferred to other penal institutions.....	11,799	11,567	232	13,261	13,013	248
Prisoners present at end of year.....	149,921	144,723	5,198	169,818	154,383	5,435

Source of tables 67 and 68: Department of Commerce, Bureau of the Census; annual reports, Prisoners.

No. 69.—PRISONERS DISCHARGED FROM STATE AND FEDERAL PRISONS AND REFORMATORIES—BY TIME SERVED, OFFENSE, AND METHOD OF DISCHARGE: 1938

NOTE.—Figures relate to discharge of "felony" prisoners, a classification adopted because of variations from State to State in the proportion of prisoners committed to reporting institutions for short terms or minor offenses. Data for prisoners committed for offenses commonly classified as "misdemeanors" are not included

OFFENSE AND METHOD OF DISCHARGE	Total	TIME SERVED										
		Under 6 months	6 to 11 months	12 to 17 months	18 to 23 months	2 years	3 years	4 years	5 years	6 to 9 years	10 to 19 years	20 years and over
All offenses.....	59,876	2,837	12,899	12,326	7,822	9,497	5,495	2,726	1,994	3,262	972	46
Expiration.....	21,574	1,453	5,085	3,154	2,700	3,469	2,210	1,123	737	1,293	341	9
Parole, pardon, conditional release.....	38,302	1,384	7,814	9,172	5,122	6,028	3,285	1,603	1,257	1,969	631	37
Murder.....	1,299	1	12	49	52	119	104	112	106	356	367	31
Expiration.....	355		4	25	15	41	27	26	37	97	80	3
Parole, etc.....	944	1	8	24	37	78	77	86	69	259	277	28
Manslaughter.....	1,789	51	179	303	194	315	231	150	116	215	33	2
Expiration.....	587	9	86	58	67	91	87	46	41	89	12	1
Parole, etc.....	1,202	42	93	245	127	224	144	104	75	126	21	1
Robbery.....	6,194	58	221	484	460	1,044	956	708	710	1,272	277	4
Expiration.....	1,617	24	81	65	85	255	287	233	148	359	99	1
Parole, etc.....	4,577	34	140	419	375	789	669	475	562	913	178	3
Aggravated assault.....	3,177	261	682	663	392	498	293	147	100	109	30	2
Expiration.....	1,628	195	480	227	189	229	121	72	46	51	18	---
Parole, etc.....	1,549	66	202	436	203	269	172	75	54	58	12	2
Burglary.....	12,768	255	1,904	2,681	1,889	2,577	1,446	692	455	520	147	2
Expiration.....	5,927	114	872	1,022	655	1,165	650	345	214	231	78	1
Parole, etc.....	7,141	141	1,032	1,659	1,234	1,412	796	347	241	289	69	1
Larceny, fraud, and stolen property.....	13,349	841	3,839	3,287	1,825	1,972	860	283	126	301	14	1
Expiration.....	5,764	458	1,926	946	677	847	464	121	71	246	7	1
Parole, etc.....	7,585	383	1,913	2,341	1,148	1,125	396	162	55	55	7	---
Auto theft.....	3,511	78	608	868	584	739	344	138	72	70	10	---
Expiration.....	780	33	123	84	96	214	109	55	38	23	5	---
Parole, etc.....	2,731	45	485	784	488	525	235	83	34	47	5	---
Forgery.....	4,691	164	1,089	1,227	655	706	398	134	90	123	17	---
Expiration.....	1,663	74	393	376	263	215	147	76	49	63	7	---
Parole, etc.....	2,928	90	696	851	392	491	249	58	41	60	10	---
Rape.....	1,574	35	195	273	171	275	220	107	86	145	62	3
Expiration.....	458	8	82	41	42	80	62	38	31	51	22	1
Parole, etc.....	1,116	27	113	232	129	195	158	69	57	94	40	2
Other sex offenses.....	1,530	69	346	392	212	219	137	92	61	73	19	---
Expiration.....	497	30	143	46	63	53	44	38	26	42	12	---
Parole, etc.....	1,033	39	203	256	149	166	93	54	35	31	7	---
Violating drug laws.....	1,739	8	319	347	361	408	219	51	14	12	---	---
Expiration.....	377	7	54	42	44	100	77	33	9	11	---	---
Parole, etc.....	1,362	1	265	305	317	308	142	18	5	1	---	---
Carrying, etc., weapons.....	368	31	52	74	56	57	47	26	9	13	1	---
Expiration.....	129	24	23	7	9	15	39	4	4	4	---	---
Parole, etc.....	237	7	29	67	47	42	8	22	5	9	1	---
Non-support or neglect.....	515	55	198	134	74	34	18	---	---	2	---	---
Expiration.....	229	26	112	24	36	13	17	---	---	1	---	---
Parole, etc.....	286	29	86	110	38	21	1	---	---	1	---	---
Violating liquor laws.....	4,523	672	2,526	852	512	199	43	12	5	2	---	---
Expiration.....	847	284	396	51	40	50	12	8	4	2	---	---
Parole, etc.....	3,676	388	2,130	801	472	149	31	4	1	---	---	---
Violating traffic laws.....	329	86	122	64	32	20	5	---	---	---	---	---
Expiration.....	201	59	88	19	19	13	3	---	---	---	---	---
Parole, etc.....	128	27	34	46	13	7	2	---	---	---	---	---
Other offenses.....	2,322	182	607	618	353	315	176	74	42	49	5	1
Expiration.....	815	108	222	121	120	88	84	28	19	23	1	1
Parole, etc.....	1,507	74	385	397	233	227	92	46	23	26	4	---

Source: Department of Commerce, Bureau of the Census; annual reports, Prisoners.

No. 70.—JUVENILE DELINQUENTS IN STATE INSTITUTIONS—TOTAL PRESENT JANUARY 1 AND NUMBER OF MALES AND FEMALES RECEIVED FROM COURTS DURING YEAR, BY STATES: 1933

STATE	Present Jan. 1	RECEIVED FROM COURTS			STATE	Present Jan. 1	RECEIVED FROM COURTS		
		Total	Male	Female			Total	Male	Female
United States	30,496	17,017	13,153	3,864	South Atlantic—Con.				
New England:					Virginia	749	405	305	100
Maine	335	101	73	28	West Virginia	612	361	263	98
New Hampshire	125	56	35	21	North Carolina	1,129	514	392	122
Vermont	253	74	54	20	South Carolina	400	235	227	8
Massachusetts	787	370	441	129	Georgia	723	572	500	72
Rhode Island	232	248	230	18	Florida	498	365	316	49
Connecticut	594	190	127	63	East South Central:				
Middle Atlantic:					Kentucky	1,106	396	291	105
New York	1,967	872	698	176	Tennessee	479	279	211	68
New Jersey	1,133	1,373	1,300	273	Alabama	907	412	345	67
Pennsylvania	2,628	866	629	237	Mississippi	216	187	103	54
East North Central:					West South Central:				
Ohio	1,584	1,182	878	304	Arkansas	206	321	250	71
Indiana	775	290	206	90	Louisiana	171	84	58	26
Illinois	850	506	336	170	Oklahoma	615	366	225	171
Michigan	951	398	283	105	Texas	1,192	593	462	131
Wisconsin	643	294	204	90	Mountain:				
West North Central:					Montana	276	92	61	31
Minnesota	734	661	430	231	Idaho	41	3	2	1
Iowa	721	281	228	53	Wyoming	187	46	32	14
Missouri	1,258	472	377	95	Colorado	403	219	140	79
North Dakota	245	101	75	26	New Mexico	164	127	105	22
South Dakota	161	62	49	13	Arizona	78	148	127	21
Nebraska	447	158	98	60	Utah	158	54	39	15
Kansas	355	194	142	52	Nevada	26	12	12	-----
South Atlantic:					Pacific:				
Delaware	527	70	41	38	Washington	186	184	184	-----
Maryland	762	372	316	56	Oregon	106	119	94	25
Dist. of Col.	603	417	373	44	California	1,157	900	778	122

No. 71.—JUVENILE DELINQUENTS RECEIVED FROM COURTS, BY OFFENSE, BY SEX AND AGE: 1933

OFFENSE	Total	SEX		AGE (YEARS)									
		Male	Female	Under 12	12	13	14	15	16	17	18	19 and 20	
All offenses	17,017	13,153	3,864	1,137	1,240	1,877	2,834	3,793	3,186	2,042	593	369	
Homicide	57	55	2	2	3	5	11	8	14	9	2	5	
Robbery	247	245	2	2	4	14	13	30	50	62	22	41	
Assault	222	209	13	10	13	16	21	61	51	33	13	4	
Burglary	2,177	2,160	11	95	121	200	277	410	478	351	141	95	
Larceny, except auto theft	3,870	3,727	149	322	361	490	674	706	654	375	139	65	
Auto theft	579	579	-----	2	7	22	56	128	163	134	36	31	
Forgery	78	74	4	-----	-----	3	4	7	23	19	12	10	
Rape	79	79	-----	-----	1	3	7	25	21	11	4	7	
Other sex offenses	209	63	146	3	7	9	29	57	49	41	8	6	
Carrying, etc., deadly weapons	41	41	-----	-----	1	-----	-----	7	17	12	2	2	
Violations of liquor laws	58	58	-----	1	-----	-----	5	16	13	11	5	7	
Violations of traffic and motor-vehicle laws	26	20	-----	-----	-----	-----	-----	3	6	12	4	1	
Disorderly conduct and vagrancy	202	163	39	9	16	19	29	44	40	29	6	10	
Drunkennes	46	23	23	2	2	1	4	9	17	7	2	2	
All other offenses	375	355	20	36	19	32	56	55	67	72	23	16	
Other reasons:													
Violation of parole or probation	246	183	63	32	29	26	50	56	34	13	6	-----	
Immorality and sex delinquency	553	66	487	6	16	49	82	136	122	120	19	3	
In danger of leading immoral life	133	12	121	8	6	15	21	28	32	11	7	5	
Running away	361	184	177	22	22	48	90	88	56	32	2	1	
Incorrigibility	2,550	1,579	977	195	182	292	462	539	554	263	52	17	
Delinquency	4,075	2,572	1,503	286	319	508	785	1,014	657	393	76	37	
Truancy from school	403	370	33	43	60	57	87	130	18	8	-----	-----	
Other reasons	418	324	94	62	57	68	71	70	50	24	12	4	

Source of tables 70 and 71: Department of Commerce, Bureau of the Census; Juvenile Delinquents in Public Institutions, 1933.

No. 72.—CHILDREN UNDER INSTITUTIONAL CARE, BY TYPE OF CARE, BY STATES: DEC. 31, 1933

STATE	Total	Insti- tution	FOSTER HOME			STATE	Total	Insti- tution	FOSTER HOME		
			Free	Board- ing	Work- ing				Free	Board- ing	Work- ing
U. S. ....	242,929	140,352	31,538	86,350	4,889	S. Atl.—Con.					
N. England:						Va. ....	3,448	2,087	1,075	256	39
Maine .....	3,096	904	448	1,659	85	W. Va. ....	2,249	1,209	978	60	2
N. H. ....	1,881	968	62	255	96	N. C. ....	4,238	3,941	228	62	7
Vt. ....	1,141	503	359	263	16	S. C. ....	2,128	1,959	149	19	1
Mass. ....	12,368	2,472	1,324	7,952	620	Ga. ....	2,072	1,773	115	176	8
R. I. ....	2,445	1,229	171	983	62	Fla. ....	1,783	1,288	460	36	---
Conn. ....	5,073	2,511	268	2,160	134	E. S. Central:					
Mid. Atlantic:						Ky. ....	3,805	2,874	362	537	32
N. Y. ....	47,937	25,235	3,174	19,026	502	Tenn. ....	3,388	2,002	338	129	10
N. J. ....	7,252	3,086	724	3,238	204	Ala. ....	1,881	1,189	364	323	5
Pa. ....	20,737	16,990	2,662	9,570	515	Miss. ....	1,238	545	689	1	3
E. N. Central:						W. S. Central:					
Ohio ....	18,962	10,976	2,255	5,274	457	Ark. ....	598	562	17	6	13
Ind. ....	7,876	4,817	1,952	1,078	29	La. ....	2,193	1,094	133	36	30
Ill. ....	15,452	10,301	1,898	2,836	417	Okla. ....	2,487	2,241	230	11	5
Mich. ....	6,499	2,703	1,652	1,957	187	Tex. ....	5,085	5,074	311	273	27
Wis. ....	5,116	2,854	987	1,055	250	Mountain:					
W. N. Central:						Mont. ....	1,126	830	238	40	18
Minn. ....	5,018	1,563	1,752	1,409	294	Idaho ....	422	168	163	85	6
Iowa ....	2,961	2,012	832	71	46	Wyo. ....	318	135	135	21	27
Mo. ....	5,798	4,029	1,090	597	73	Colo. ....	2,207	1,911	137	126	33
N. Dak. ....	483	285	128	56	14	N. Mex. ....	394	387	---	6	1
S. Dak. ....	890	763	133	4	---	Ariz. ....	411	360	21	28	2
Nebr. ....	1,612	1,092	437	38	45	Utah. ....	351	134	74	142	1
Kans. ....	2,067	1,234	714	89	20	Nev. ....	89	80	---	---	---
S. Atlantic:						Pacific:					
Del. ....	568	294	235	97	2	Wash. ....	1,953	1,502	313	127	11
Md. ....	4,249	2,283	642	1,227	97	Oreg. ....	1,420	802	294	259	35
Dist. of Col.	1,928	914	150	820	44	Calif. ....	7,146	4,448	688	1,848	164

No. 73.—CHILDREN UNDER INSTITUTIONAL CARE, BY TYPE OF CARE, RACE, AND TIME UNDER CARE, BY SEX AND AGE: DEC. 31, 1933

ITEM	Total	SEX		AGE (YEARS)								Un- known
		Male	Female	Under 1	1 to 5	6 to 9	10 to 13	14 and 15	16 and 17	18 to 20		
Total .....	242,929	128,982	113,947	6,269	36,897	57,092	78,320	32,705	20,740	10,030	867	
Type of care:												
Institution .....	140,352	75,677	64,675	2,747	14,720	35,028	62,334	20,190	10,801	3,919	613	
Foster home .....	31,538	15,634	15,904	1,810	6,879	5,114	6,456	3,911	4,316	2,937	115	
Boarding home .....	86,350	35,922	30,428	1,708	15,273	16,902	19,429	8,143	3,721	1,056	118	
Working home .....	4,689	1,749	2,940	4	25	48	110	461	1,902	2,118	21	
Sex:												
Male .....	128,982	128,982	---	3,312	20,005	30,999	42,202	17,013	10,193	4,822	436	
Female .....	113,947	---	113,947	2,957	16,892	26,093	36,117	15,692	10,547	5,208	431	
Color:												
White .....	222,788	119,078	103,710	5,915	33,516	51,836	71,577	30,314	19,500	9,413	708	
Negro .....	15,888	8,218	7,665	286	2,913	4,063	5,188	1,890	963	496	84	
Other races .....	4,258	1,686	2,572	68	468	1,193	1,564	501	268	121	75	
Time under care:												
Under 1 year .....	48,564	25,831	22,733	6,269	11,684	13,334	11,721	3,387	1,400	517	252	
1 year .....	37,156	19,745	17,411	---	10,418	10,776	10,620	3,210	1,572	413	147	
2 years .....	32,995	17,728	15,269	---	7,020	9,349	10,889	3,577	1,601	413	86	
3 years .....	20,240	15,460	13,780	---	4,369	7,878	10,546	3,708	1,961	687	91	
4 years .....	22,324	11,847	10,477	---	2,351	5,533	8,731	3,242	1,786	637	47	
5 to 9 years .....	57,232	30,178	27,054	---	1,027	10,159	22,483	11,979	7,989	3,495	120	
10 to 13 years .....	11,692	6,114	5,578	---	---	---	3,201	3,037	3,184	2,249	21	
14 to 20 years .....	3,247	1,820	1,427	---	---	---	---	500	1,158	1,580	21	
Not reported .....	479	261	218	---	28	63	138	65	40	39	97	

Source of tables 72 and 73: Department of Commerce, Bureau of the Census; Children Under Institutional Care, 1933.



No. 74.—CHILDREN UNDER INSTITUTIONAL CARE, BY SEX, BY STATUS OF PARENTS AS LIVING OR DEAD: DEC. 31, 1933

STATUS OF PARENTS AS LIVING OR DEAD	Total			STATUS OF PARENTS AS LIVING OR DEAD		
	Total	Male	Female	Total	Male	Female
Total	242,929	128,982	113,947			
Legitimate children	211,163	111,581	99,572	Legitimate children—Con.		
Both parents dead	21,834	11,319	10,515	Father living, mother unknown		
Father dead	38,223	21,006	17,217	6,119	3,255	2,704
Mother living	31,921	17,368	13,934	Mother living, father unknown		
Mother unknown	6,921	3,638	3,283	21,237	11,469	9,708
Mother dead	51,965	26,580	25,385	Both parents unknown		
Father living	35,414	19,549	18,865	21,875	11,741	10,134
Father unknown	13,551	7,031	6,520	Illegitimate children		
Both parents living	49,900	26,111	23,789	31,778	17,401	14,375
				Mother dead		
				1,815	971	844
				Mother living		
				20,630	11,130	9,500
				Mother unknown		
				9,331	5,300	4,031

Source: Department of Commerce, Bureau of Census; Children Under Institutional Care, 1933.

No. 75.—BLIND AND DEAFMUTES, BY SEX: 1890 TO 1930

NOTE.—Variations in the number of blind and deafmutes are due in large part to changes in methods of enumeration. For a discussion of methods used, etc., see source (footnote)

RACE	BLIND			DEAFMUTES <sup>1</sup>			AGE	BLIND			DEAFMUTES		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
	1890	50,568	28,080	22,488	40,592	22,420		18,173	1890, by age:				
1900	64,783	37,054	27,709	24,369	13,495	10,874	Under 5						
1910	57,272	32,443	24,829	44,708	10,507	8,046	5 to 9	1,113	648	465	3,950	2,082	1,869
1920	52,567	30,100	22,407	44,881	10,160	7,860	10 to 14	1,815	1,042	773	6,292	3,324	2,938
1930	63,593	36,585	27,068	57,123	20,267	15,860	15 to 19	2,040	1,172	868	5,074	3,053	2,621
White	52,924	30,302	22,622	52,193	20,694	15,499	20 to 24	1,871	1,187	784	4,708	2,470	2,238
Negro	9,160	5,422	3,747	4,202	2,164	2,038	25 to 44	10,072	6,935	3,787	16,801	8,626	8,175
Mexican	681	380	301	233	168	115	45 to 64	17,855	11,171	6,684	12,343	6,144	6,199
Indian	35	31	4	35	25	10	65 and over	28,152	14,705	13,447	6,388	3,027	3,361
All other							Unknown	70	41	29	78	40	38

<sup>1</sup> Figures for 1900 and male and female for 1910 and 1920 cover the returns on special schedules only.

No. 76.—BLIND AND DEAFMUTES, BY STATES: 1930

[Ratio equals number per 100,000 population]

STATE	BLIND		DEAFMUTES		STATE	BLIND		DEAFMUTES	
	Number	Ratio	Number	Ratio		Number	Ratio	Number	Ratio
United States	63,693	51.8	57,123	46.5	S. Atlantic—Con.				
New England:					Virginia	1,405	58.0	1,373	56.7
Maine	626	78.5	444	55.7	West Virginia	814	47.1	791	45.7
New Hampshire	251	65.9	222	47.7	North Carolina	1,318	41.6	1,334	42.1
Vermont	223	62.0	214	59.5	South Carolina	1,028	59.1	846	48.7
Massachusetts	1,924	46.3	1,820	42.8	Georgia	1,788	61.5	1,288	44.3
Rhode Island	347	50.5	330	49.3	Florida	816	55.6	725	49.4
Connecticut	681	36.2	598	35.3	East South Central:				
Middle Atlantic:					Kentucky	1,977	75.6	1,316	50.3
New York	4,418	35.1	5,373	42.7	Tennessee	1,540	58.9	1,426	54.5
New Jersey	1,222	30.2	1,324	32.8	Alabama	1,415	53.5	1,048	39.6
Pennsylvania	4,373	45.4	4,699	48.8	Mississippi	1,121	65.8	829	41.2
West North Central:					West South Central:				
Ohio	4,154	62.5	3,047	45.8	Arkansas	1,101	59.4	918	49.5
Indiana	2,204	68.1	1,713	52.9	Louisiana	1,252	59.6	1,062	50.5
Illinois	4,490	58.8	3,315	43.4	Oklahoma	1,167	48.7	1,372	57.3
Michigan	1,742	56.0	2,336	48.2	Texas	2,606	44.7	2,348	40.3
Wisconsin	1,630	32.1	1,787	59.8	Mountain:				
West North Central:					Montana	235	43.7	305	56.7
Minnesota	1,049	40.9	1,226	47.8	Idaho	163	35.1	136	30.6
Iowa	1,577	63.8	1,162	47.0	Wyoming	53	23.5	60	26.6
Missouri	3,879	106.9	1,099	55.1	Colorado	751	72.5	532	51.4
North Dakota	3,195	28.6	3,06	44.9	New Mexico	607	143.4	263	62.1
South Dakota	253	36.5	425	61.3	Arizona	239	59.5	174	39.9
Nebraska	552	40.1	854	62.0	Utah	238	46.9	277	54.5
Kansas	1,246	66.2	1,173	62.4	Nevada	64	70.3	30	32.0
South Atlantic:					Pacific:				
Delaware	101	42.4	64	26.8	Washington	792	50.7	746	47.7
Maryland	799	49.0	737	45.2	Oregon	493	52.0	549	57.6
Dist. of Columbia	261	53.6	157	32.2	California	2,597	45.7	2,101	37.0

Source of tables 75 and 76: Dept. of Commerce, Bur. of Census; Blind and Deafmutes in the U. S., 1930.

### 3. VITAL STATISTICS

GENERAL NOTE.—Births and deaths are registered by the States, and transcripts of the original certificates are received and tabulated by the Bureau of the Census. Because of the gradual expansion of the "registration" areas up to 1933 (see tables 77, 84, and 95), the numbers of births and deaths recorded for earlier years for the areas as a whole are not strictly comparable, but, in most cases, the expansion of the areas had only a negligible effect on the comparableness of the rates. Beginning with 1933, all States have been included in both the birth and death registration areas.

All birth and death statistics in this section, except as noted in table 85, have been compiled according to the places in which the births or the deaths occurred. The alternative is to allocate each birth and each death to the State, city, and county of residence or usual place of abode. (For comparison of births and deaths by place of occurrence and by place of residence, for selected cities, see table 85. For State totals the difference in most cases would be negligible.) Inasmuch as the population census is compiled according to the usual place of abode, the tabulation of vital statistics according to place of occurrence has seriously restricted, for certain purposes, the use of these data. The factors to be considered depend upon the specific purpose for which the data are to be used. If crude death rates—and especially the rates for individual causes of death—are used as indexes of the health conditions of a community, comparisons of rates for different States or cities are not strictly valid unless the age, sex, and racial composition of the population of each area is considered. It is obvious that, if the population in a State is generally older than that in another, the crude death rate will be higher, even though there are no essential differences between the rates for identical age groups. Moreover, in a few States the rates for certain causes, notably tuberculosis, are abnormally high because the deaths represented by these rates include those of considerable numbers of persons who have gone to the States in question in the hope of recovering their health. Similar considerations apply also to crude birth rates. For example, comparison of the birth rate of an area having a certain proportion of women of childbearing age with the rate of another community of a different population composition is erroneous if the rates are used as a measure of intrinsic biological fertility.

Rates are based on midyear estimates of population. For estimates of population for continental United States, Hawaii, and Puerto Rico, see table 14, p. 11; for individual States, see table 13, p. 10. Rates for continental United States for 1930 are based on population estimates for 1938 as no estimate is available for 1930. Rates for individual States or groups of States for 1938 and 1939 are based on population estimates for 1937 as no later estimates are available. No estimates of population by sex, by race, by age groups, or for urban and rural areas have been made for years later than 1933. Data for stillbirths (see table 89) are excluded from the figures for both births and deaths.

In all tables giving statistics by race, data for Mexicans have been included with those for the white population.

#### NO. 77.—DEATHS AND DEATH RATES, FOR DEATH-REGISTRATION AREA: 1880 TO 1939

NOTE.—See general note above

YEAR	REGISTRATION AREA (CONTINENTAL U. S.)			TOTAL DEATHS		DEATHS UNDER 1 YEAR OF AGE		DEATHS UNDER 5 YEARS OF AGE	
	Population (midyear estimates)	Percent of U. S. total population	Percent of U. S. total area	Number	Rate per 1,000 popula- tion	Number	Percent of all deaths	Number	Percent of all deaths
1880	1,853,360	17.0	0.6	169,453	19.8	48,041	28.3	74,810	44.0
1890	1,959,440	31.2	3.0	386,212	19.6	86,790	22.5	135,778	34.0
1900	3,076,618	40.5	7.1	539,939	17.6	111,687	20.7	164,137	30.4
1905	34,052,201	40.4	7.2	545,533	16.0	105,563	19.3	147,384	27.0
1906	41,983,419	48.9	20.3	658,105	15.7	133,105	20.2	186,978	28.4
1907	43,016,990	40.2	20.3	687,034	16.0	131,110	19.1	183,774	26.7
1908	46,789,913	52.5	24.4	691,674	14.8	130,432	19.7	189,867	27.5
1909	50,870,518	56.1	25.7	732,538	14.4	140,057	19.1	196,554	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	140,322	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	63,200,626	65.5	38.6	890,848	14.1	159,436	17.9	225,129	25.3
1914	65,813,316	67.2	41.3	898,059	13.6	155,075	17.3	214,120	23.8
1915	67,095,681	67.5	41.3	909,155	13.6	148,561	16.3	203,223	22.4
1916	71,349,162	70.8	44.0	1,001,921	14.0	164,660	16.4	234,031	23.4
1917	74,984,498	73.4	45.4	1,068,932	14.3	171,024	16.0	243,708	22.8
1918	81,833,675	78.5	52.0	1,471,367	18.1	193,865	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	248,452	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	19.6
1923	97,816,104	87.7	68.0	1,103,017	12.2	166,274	13.9	233,018	19.8
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	114,258,518	95.3	80.8	1,378,675	12.1	155,858	11.3	206,028	16.7
1929	116,317,515	95.7	86.6	1,386,363	11.9	148,880	10.7	185,200	14.5
1930	118,472,000	96.2	91.2	1,343,356	11.3	145,374	10.8	178,537	13.5
1931	119,479,000	96.3	91.2	1,322,687	11.1	132,874	10.0	160,508	12.3
1932	120,291,000	96.3	91.2	1,308,529	10.9	121,267	9.3	161,902	12.1
1933	125,770,000	100.0	100.0	1,342,106	10.7	120,887	9.0	173,360	12.4
1934	128,629,000	100.0	100.0	1,396,903	11.0	130,185	9.3	160,945	11.3
1935	127,621,000	100.0	100.0	1,392,752	10.9	120,138	8.6	150,827	10.7
1936	128,429,000	100.0	100.0	1,479,228	11.5	122,535	8.3	158,322	10.6
1937	129,257,000	100.0	100.0	1,450,427	11.2	119,931	8.3	154,323	10.6
1938	130,215,000	100.0	100.0	1,381,391	10.6	116,702	8.4	148,522	10.8
1939	130,215,000	100.0	100.0	1,387,797	10.7	108,532	7.8	(1)	(1)

<sup>1</sup> Enumerated population for census year ended May 31.

<sup>2</sup> 1938 estimate. No 1939 estimate available.

<sup>3</sup> Provisional figures.

<sup>4</sup> Not available.

Source: Dept. of Com., Bur. of the Census; Vital Statistics—Special Reports, Vol. 9, Nos. 2, 29, 45, and 47.

No. 78.—DEATH RATES PER 1,000 POPULATION, BY SEX AND BY AGE GROUPS, FOR DEATH-REGISTRATION STATES: 1901 TO 1933

SEX AND AGE GROUP	REGISTRATION STATES AS OF					REGISTRATION STATES AS OF				
	1900					1920				
	1901-1905 <sup>1</sup>	1911-1915 <sup>1</sup>	1921-1925 <sup>1</sup>	1930	1933 <sup>2</sup>	1920	1925	1930	1932	1933 <sup>2</sup>
<b>Both sexes, all ages</b> .....	15.8	14.6	12.3	11.5	11.2	13.0	11.9	11.4	11.1	10.9
Under 1 year.....	138.2	123.0	80.2	65.0	51.2	96.9	63.0	69.2	57.9	53.8
1 to 4 years.....	15.8	11.8	7.7	4.8	3.7	9.8	8.9	5.4	4.3	4.1
5 to 9 years.....	4.1	3.1	2.6	1.9	1.6	3.0	2.2	1.9	1.6	1.5
10 to 14 years.....	2.7	2.1	1.9	1.4	1.3	2.3	1.8	1.5	1.4	1.3
15 to 19 years.....	4.4	3.5	2.9	2.3	1.9	4.0	3.2	2.7	2.3	2.2
20 to 24 years.....	6.1	4.9	3.8	3.3	2.7	5.7	4.3	3.8	3.3	3.2
25 to 34 years.....	7.5	6.1	4.6	4.0	3.6	6.8	5.0	4.5	4.1	4.0
35 to 44 years.....	9.9	9.0	6.8	6.3	5.9	8.2	7.1	6.7	6.3	6.1
45 to 54 years.....	14.4	14.3	12.1	12.2	12.2	12.1	12.0	12.3	11.9	11.9
55 to 64 years.....	27.1	27.5	25.0	25.4	25.9	23.0	23.9	24.4	24.4	24.5
65 to 74 years.....	55.1	58.0	54.6	53.9	56.2	51.8	52.3	52.0	52.5	52.6
75 years and over.....	137.8	140.1	136.2	134.6	143.2	133.2	133.7	130.5	138.1	136.7
<b>Males, all ages</b> .....	16.6	15.5	12.9	12.3	11.9	13.4	12.6	12.4	11.9	11.8
Under 1 year.....	152.7	136.7	100.5	76.2	57.2	108.8	94.2	77.2	64.8	59.9
1 to 4 years.....	16.5	12.4	8.1	5.2	4.0	10.2	7.3	5.8	4.5	4.4
5 to 9 years.....	4.2	3.3	2.9	2.1	1.7	3.1	2.4	2.1	1.7	1.7
10 to 14 years.....	2.8	2.2	2.1	1.6	1.5	2.4	2.0	1.7	1.6	1.5
15 to 19 years.....	4.4	3.7	3.1	2.5	2.1	4.2	3.2	2.9	2.5	2.5
20 to 24 years.....	6.2	5.3	3.8	3.4	2.8	5.4	4.3	4.0	3.5	3.4
25 to 34 years.....	7.8	6.5	4.6	4.2	3.7	6.5	5.1	4.8	4.3	4.3
35 to 44 years.....	10.6	10.1	7.3	7.1	6.5	8.3	7.6	7.4	6.9	6.7
45 to 54 years.....	15.6	15.9	13.0	13.9	14.0	12.5	13.0	13.8	13.3	13.7
55 to 64 years.....	29.1	30.1	26.9	28.4	29.2	24.6	25.9	27.1	27.3	27.5
65 to 74 years.....	58.2	61.7	57.7	58.3	61.0	53.8	56.2	56.6	56.6	57.0
75 years and over.....	142.9	144.6	138.7	139.3	148.3	135.5	137.6	135.7	143.5	142.3
<b>Females, all ages</b> .....	14.9	13.6	11.8	10.7	10.5	12.6	11.2	10.5	10.2	10.5
Under 1 year.....	123.3	109.0	77.5	59.7	44.9	84.7	77.5	60.9	50.9	47.0
1 to 4 years.....	15.3	11.3	7.2	4.5	3.4	9.4	6.5	5.0	4.0	3.4
5 to 9 years.....	4.0	2.9	2.3	1.7	1.4	2.8	2.0	1.7	1.5	1.8
10 to 14 years.....	2.7	2.0	1.7	1.2	1.1	2.1	1.7	1.3	1.2	1.4
15 to 19 years.....	4.4	3.2	2.8	2.2	1.7	3.9	3.2	2.5	2.1	1.1
20 to 24 years.....	5.9	4.5	3.7	3.2	2.6	5.9	4.3	3.7	3.2	3.0
25 to 34 years.....	7.3	5.6	4.6	3.8	3.4	7.2	4.9	4.3	4.0	3.0
35 to 44 years.....	9.0	7.9	6.2	5.4	5.2	8.0	6.6	6.0	5.7	5.8
45 to 54 years.....	13.1	12.6	11.1	10.5	10.4	11.6	10.9	10.6	10.3	10.5
55 to 64 years.....	25.1	24.9	23.1	22.4	22.6	22.4	21.7	21.4	21.4	21.1
65 to 74 years.....	52.1	54.5	51.7	49.9	51.7	49.8	48.4	47.3	48.3	47.2
75 years and over.....	133.3	136.4	134.2	130.7	138.9	131.2	130.3	125.9	133.2	131.0

<sup>1</sup> Average.

<sup>2</sup> Latest data available; see general note, p. 83.

Source: Department of Commerce, Bureau of the Census; official records (not published elsewhere).

No. 79.—DEATHS, BY STATES: 1938 AND 1939

AREA	1938	1939 <sup>1</sup>	AREA	1938	1939 <sup>1</sup>	AREA	1938	1939 <sup>1</sup>
United States.....	1,381,391	1,387,797	Kansas.....	18,583	18,470	North Dakota.....	5,208	5,427
White.....	1,195,431	(2)	Kentucky.....	29,310	29,509	Ohio.....	74,899	76,933
Other races.....	185,960	(2)	White.....	28,265	(2)	Oklahoma.....	19,567	20,378
Alabama.....	29,536	28,305	Other races.....	4,045	(2)	White.....	17,072	(2)
White.....	16,038	(2)	Louisiana.....	24,767	24,534	Other races.....	2,885	(2)
Other races.....	13,498	(2)	White.....	13,187	(2)	Oregon.....	11,784	11,788
Arizona.....	6,002	5,839	Other races.....	11,580	(2)	Pennsylvania.....	107,282	108,027
Arkansas.....	16,971	16,521	Maine.....	10,507	10,803	Rhode Island.....	8,276	7,775
White.....	11,809	(2)	Maryland.....	20,847	20,530	South Carolina.....	20,718	19,274
Other races.....	5,162	(2)	White.....	16,186	(2)	White.....	9,335	(2)
California.....	76,187	77,115	Other races.....	4,661	(2)	Other races.....	11,383	(2)
White.....	72,872	(2)	Massachusetts.....	49,608	50,917	South Dakota.....	5,482	5,549
Other races.....	3,315	(2)	Michigan.....	50,687	52,023	Tennessee.....	29,288	28,726
Colorado.....	12,615	12,552	Minnesota.....	26,179	26,784	White.....	21,490	(2)
Connecticut.....	17,582	17,695	Mississippi.....	22,800	22,647	Other races.....	7,798	(2)
Delaware.....	3,199	3,170	White.....	9,506	(2)	Texas.....	60,208	60,225
Dist. of Col.....	7,962	8,290	Other races.....	13,294	(2)	White.....	48,863	(2)
White.....	5,138	(2)	Missouri.....	42,558	42,591	Other races.....	11,345	(2)
Other races.....	2,824	(2)	Montana.....	5,684	5,895	Utah.....	4,853	4,713
Florida.....	21,024	21,305	Newbraska.....	11,964	12,189	Vermont.....	4,591	4,546
White.....	13,459	(2)	Nevada.....	1,272	1,256	Virginia.....	29,579	28,641
Other races.....	7,565	(2)	New Hamp- shire.....	6,400	6,301	White.....	19,250	(2)
Georgia.....	33,783	31,843	New Jersey.....	43,831	43,900	Other races.....	10,329	(2)
White.....	18,283	(2)	New Mexico.....	5,962	5,937	Washington.....	18,528	18,514
Other races.....	15,500	(2)	New York.....	147,106	149,507	West Virginia.....	17,766	17,494
Idaho.....	4,545	4,755	North Carolina.....	33,599	31,644	Wisconsin.....	30,704	31,425
Illinois.....	84,769	86,993	White.....	21,053	(2)	Wyoming.....	2,235	2,211
Indiana.....	38,573	39,511	Other races.....	12,506	(2)			
Iowa.....	25,623	26,460						

<sup>1</sup> Provisional figures.

<sup>2</sup> Not available.

Source: Dept. of Commerce, Bur. of Census; Vital Statistics—Special Reports, Vol. 9, Nos. 4 and 45.

## No. 80.—DEATH RATES PER 1,000 POPULATION, BY STATES: 1920 TO 1939

NOTE.—See general note, p. 83

AREA	1920	1925	1930	1932	1933	1934	1935	1936	1937	1938	1939 <sup>1</sup>
	13.0	11.8	11.3	10.9	10.7	11.0	10.9	11.5	11.2	10.6	10.7
Registration area <sup>2</sup>											
Alabama	(3)	11.6	11.4	10.1	9.8	10.5	10.1	10.9	10.7	10.2	9.8
Arizona	(3)	(3)	15.4	12.9	13.4	13.9	15.0	16.1	16.8	14.6	14.2
Arkansas	(3)	(3)	10.2	8.5	8.5	8.5	8.1	9.1	9.0	8.3	8.1
California	13.3	12.3	11.6	11.6	11.6	11.5	12.1	12.6	13.0	12.4	12.5
Colorado	14.5	12.7	12.7	12.0	11.4	11.8	12.4	12.8	12.9	11.8	11.7
Connecticut	13.6	11.8	10.7	10.2	10.4	10.3	10.3	10.3	10.3	10.1	10.2
Delaware	14.6	13.5	13.6	12.9	13.2	13.3	12.5	12.8	12.6	12.3	12.1
District of Columbia	14.7	15.1	15.0	15.1	14.5	14.8	14.3	14.7	13.9	12.7	13.2
Florida	12.8	13.6	12.4	11.9	12.0	12.8	12.4	12.8	12.6	12.6	12.8
Georgia	(3)	(3)	12.1	10.8	10.4	11.8	11.3	12.2	11.2	11.0	10.3
Idaho	(3)	7.8	9.3	8.6	8.7	9.3	9.5	10.3	9.6	9.2	9.6
Illinois	12.6	11.5	10.9	10.8	10.6	11.2	10.9	11.8	11.1	10.8	11.0
Indiana	13.4	12.5	12.1	11.6	11.3	12.0	11.5	12.3	11.8	11.1	11.4
Iowa	(3)	10.0	10.6	10.3	10.2	10.6	10.4	11.2	10.4	10.0	10.4
Kansas	11.4	10.2	10.4	10.4	10.5	10.7	10.8	11.5	10.3	10.0	9.9
Kentucky	11.8	11.3	11.2	10.7	10.3	10.7	10.3	11.2	10.6	10.0	10.1
Louisiana	11.9	12.8	11.7	11.0	10.9	11.0	11.2	12.2	11.7	11.6	11.5
Maine	15.4	13.8	13.9	13.1	13.4	13.1	13.0	13.3	13.4	12.3	12.6
Maryland	14.6	14.0	13.2	12.7	12.4	12.6	12.7	13.1	13.2	12.4	12.4
Massachusetts	13.8	12.7	11.6	11.5	11.8	11.7	11.5	11.8	11.8	11.2	11.5
Michigan	13.8	11.5	10.7	10.4	10.3	10.8	10.8	11.5	11.1	10.5	10.8
Minnesota	10.7	10.2	10.0	9.9	9.7	10.1	10.0	10.9	10.1	9.9	10.1
Mississippi	12.2	11.6	12.0	10.1	10.8	10.9	10.6	12.0	11.8	11.3	11.2
Missouri	12.5	11.7	11.8	11.6	11.1	12.1	11.0	12.3	11.3	10.7	10.7
Montana	9.6	9.6	10.1	9.9	9.8	10.6	11.8	11.8	11.4	10.5	10.9
Nebraska	10.0	9.3	9.7	9.4	9.4	9.8	9.7	10.1	9.7	8.8	8.9
Nevada	(3)	(3)	12.7	14.1	12.8	13.2	13.4	14.4	13.1	12.6	12.4
New Hampshire	15.2	14.4	13.5	13.1	13.3	12.9	13.0	12.7	12.8	12.5	12.4
New Jersey	12.9	11.6	10.7	10.3	10.4	10.3	10.1	10.4	10.4	10.1	10.1
New Mexico	(3)	(3)	15.6	14.1	13.8	14.5	14.9	14.8	15.2	14.1	14.1
New York	13.8	12.3	11.7	11.6	11.6	11.9	11.5	11.9	11.9	11.4	11.5
North Carolina	12.6	11.3	11.2	9.5	9.2	10.4	9.8	10.3	9.7	9.6	9.1
North Dakota	(3)	7.6	7.9	7.5	7.9	8.4	8.4	8.0	7.7	7.4	7.7
Ohio	12.8	11.8	11.5	11.4	10.9	11.5	11.5	12.1	11.9	11.1	11.4
Oklahoma	(3)	(3)	8.2	7.9	8.2	8.6	8.4	9.2	8.4	7.8	8.0
Oregon	11.7	11.0	11.0	10.5	10.6	10.6	11.3	12.2	12.0	11.5	11.5
Pennsylvania	13.8	12.6	11.6	11.1	10.7	11.0	10.8	11.1	11.3	10.5	10.6
Rhode Island	14.3	12.7	11.7	11.8	11.6	11.3	11.5	11.9	12.2	12.2	11.4
South Carolina	14.1	12.8	12.9	11.1	10.7	11.7	11.1	11.5	11.0	11.0	10.3
South Dakota	(3)	(3)	8.5	8.3	8.8	9.3	9.1	8.9	8.6	7.9	8.0
Tennessee	12.1	11.2	11.4	10.6	10.2	10.9	10.6	11.4	10.5	10.1	9.9
Texas	(3)	(3)	(3)	(3)	9.8	9.9	10.1	10.8	10.6	9.8	9.8
Utah	11.5	9.3	9.0	8.6	8.5	9.4	9.8	9.9	9.6	9.4	9.1
Vermont	15.7	14.4	13.0	12.9	12.5	13.0	12.7	13.0	13.0	12.0	11.9
Virginia	13.2	12.4	12.5	11.5	11.1	11.7	11.5	12.1	11.5	10.9	10.6
Washington	11.1	10.4	10.6	10.4	10.4	10.8	11.1	11.8	11.5	11.2	11.2
West Virginia	(3)	10.7	10.5	10.1	9.3	10.0	10.1	10.9	10.3	9.5	9.4
Wisconsin	11.2	10.5	10.4	10.4	10.1	10.5	10.6	11.4	10.9	10.5	10.7
Wyoming	(3)	9.0	9.2		8.6	9.1	9.8	10.3	10.3	9.5	9.4

<sup>1</sup> Provisional figures.<sup>2</sup> In continental United States.<sup>3</sup> Not in registration area.

Source: Dept. of Commerce, Bur. of Census; Vital Statistics—Special Reports, Vol. 9, No. 45.

## No. 81.—DEATH RATES PER 1,000 ESTIMATED POPULATION, BY RACE: 1920 TO 1933

YEAR	REGISTRATION AREA <sup>1</sup>			ALL REGISTRATION CITIES			RURAL PART OF REGISTRATION AREA		
	Total	White	Other races	Total	White	Other races	Total	White	Other races
1920	13.0	12.6	17.9	14.2	13.6	22.7	11.9	11.5	15.2
1922	11.7	11.4	15.4	12.7	12.2	19.8	10.8	10.5	13.0
1923	12.2	11.7	16.6	13.2	12.6	21.4	11.2	10.9	13.9
1924	11.7	11.2	17.2	12.8	12.1	21.8	10.7	10.2	14.6
1925	11.8	11.3	17.6	13.0	12.3	21.9	10.8	10.3	14.9
1926	12.3	11.7	18.0	13.4	12.7	22.1	11.2	10.7	15.4
1927	11.4	10.9	16.6	12.5	11.9	20.6	10.4	10.0	14.1
1928	12.1	11.5	17.1	13.3	12.7	21.1	11.0	10.5	14.9
1929	11.9	11.4	16.9	13.1	12.4	20.5	10.9	10.4	14.9
1930	11.3	10.8	16.4	12.3	11.7	19.5	10.4	9.9	14.4
1931	11.1	10.6	15.5	11.9	11.4	18.5	10.2	9.8	13.5
1932	10.9	10.5	14.5	11.7	11.2	17.4	10.2	9.8	12.6
1933 <sup>2</sup>	10.7	10.3	14.1	11.5	11.0	17.2	9.9	9.6	12.2

<sup>1</sup> In continental United States.<sup>2</sup> Latest data available; see general note, p. 83.

Source: Department of Commerce, Bureau of the Census; annual report on Mortality Statistics.

No. 82.—DEATHS, FROM SELECTED CAUSES, AND DEATH RATES PER 100,000 POPULATION, FOR THE DEATH-REGISTRATION AREA <sup>1</sup>

Detailed Int. List No.	CAUSE OF DEATH	Number of deaths, 1938	REGISTRATION AREA <sup>2</sup> —RATE								REGISTRATION STATES OF 1900 (INCLUDING D. C.)—RATE					
			1900	1910	1920	1930	1935	1936	1937	1938	1900	1910	1920	1930	1937	1938
	All causes.....	1,331,391	1,755.0	1,496.2	1,303.8	1,133.9	1,092.2	1,151.8	1,122.1	1,060.9	1,719.5	1,582.4	1,376.0	1,154.8	1,158.1	1,105.7
1, 2	Typhoid and paratyphoid fever.....	2,418	35.9	23.5	7.8	4.8	2.8	2.5	2.1	1.9	31.3	18.0	4.9	1.6	.7	.6
7	Measles.....	3,296	12.5	12.3	8.8	3.2	3.1	1.0	1.2	2.5	13.4	12.6	10.3	2.6	6	1.2
8	Scarlet fever.....	1,206	10.2	11.6	4.6	1.9	2.1	1.9	1.4	.9	9.6	12.2	5.2	1.8	1.3	1.8
9	Whooping cough.....	4,778	12.1	11.4	12.5	4.8	3.7	2.1	3.9	3.7	12.3	10.7	11.9	3.4	2.1	1.5
10	Diphtheria.....	2,556	43.3	21.4	15.3	4.9	3.1	2.4	2.0	2.0	40.4	22.5	17.3	4.3	.9	.7
11,107-108	Influenza and pneumonia (all forms).....	104,443	203.4	162.1	208.0	102.7	104.0	119.3	114.5	80.2	202.2	174.4	209.2	98.1	99.6	69.4
11	Influenza.....	16,520	22.9	14.4	70.9	19.5	22.1	26.3	29.4	12.7	26.7	15.5	54.9	11.1	14.9	5.8
107	Bronchopneumonia <sup>3</sup> .....	39,611	21.9	47.1	54.5	34.3	33.4	36.8	35.4	30.4	22.8	52.6	64.8	36.8	36.5	29.0
108	Lobar pneumonia.....	44,474	158.6	46.4	73.0	45.4	45.2	52.8	46.6	34.2	152.7	52.4	82.4	48.7	46.2	32.7
109	Pneumonia unspecified.....	3,838		54.3	9.5	3.5	3.2	3.4	3.1	2.9	5.2	53.9	7.0	1.5	2.0	1.9
15	Erysipelas.....	712	5.1	4.5	3.1	2.1	1.7	1.6	1.0	.5	5.4	4.9	3.6	2.7	1.0	.5
18	Epidemic cerebrospinal meningitis.....	1,024	( <sup>4</sup> )	4	1.6	3.6	2.1	2.4	1.7	.8	( <sup>4</sup> )	.3	1.8	3.6	1.3	.6
23	Tuberculosis of the respiratory system.....	58,027	181.7	136.0	97.0	68.4	49.8	50.6	49.0	44.6	174.5	138.1	93.1	59.2	45.1	39.8
24-32	Other forms of tuberculosis.....	5,708	21.4	24.3	17.0	8.1	5.2	5.0	4.6	4.4	21.9	26.6	18.6	8.6	4.5	4.4
38	Malaria.....	378	7.9	2.2	3.6	2.9	3.5	3.1	2.1	1.3	6.3	1.3	.2	.1	.2	.1
45-52	Cancers and other malignant tumors.....	149,214	63.0	76.2	83.2	97.3	107.9	111.0	112.0	114.6	64.0	83.0	98.7	117.9	138.8	143.0
59	Diabetes mellitus.....	31,037	9.7	14.9	19.0	22.2	23.7	23.7	23.8	11.0	17.6	20.4	24.1	32.2	32.0	
82a, c	Cerebral hemorrhage and softening.....	99,199	71.5	75.7	81.7	81.0	76.6	81.2	77.0	76.2	78.5	88.0	96.4	82.9	77.0	74.9
90-93, 94a, 95	Diseases of the heart <sup>4</sup> .....	282,423	132.1	158.8	159.1	205.7	213.1	227.9	222.3	216.9	137.4	180.9	197.6	253.7	272.7	267.7
106	Bronchitis.....	3,625	45.7	23.4	13.2	4.2	3.1	3.4	3.1	2.8	45.2	26.6	17.1	4.9	3.3	3.0
119, 120	Diarrhea and enteritis <sup>5</sup> .....	18,598	133.2	114.4	54.3	26.3	14.1	16.3	14.6	14.2	139.9	119.4	55.6	17.5	7.6	6.9
121	Appendicitis.....	14,300	9.7	11.4	13.4	15.3	12.7	12.8	11.9	11.0	8.8	11.1	13.2	15.8	12.3	11.2
122	Hernia, intestinal obstruction <sup>6</sup> .....	12,612	12.2	12.4	10.6	10.3	10.3	10.5	10.1	9.7	11.9	12.6	11.1	20.3	10.5	10.1
124	Cirrhosis of the liver.....	10,805	12.9	13.9	7.1	7.2	7.9	8.2	8.5	8.3	12.6	14.4	7.7	7.8	10.0	10.2
130-132	Nephritis.....	109,520	89.0	99.1	89.2	90.8	81.2	83.2	79.6	77.2	88.7	107.3	97.4	91.2	76.6	74.9
140, 142a, 145	Puerperal septicemia.....	3,333	5.7	7.2	6.6	4.7	4.1	3.6	2.9	2.6	5.8	6.7	6.0	4.0	2.1	1.9
141, 142b, 143, 144, 146-150, 157-161	Other puerperal causes.....	6,620	7.6	8.5	12.5	8.1	5.8	5.9	5.4	5.1	7.6	8.4	11.5	6.6	3.9	3.9
	Congenital malformations and diseases of early infancy.....	63,208	91.8	88.1	84.7	61.0	49.4	49.7	49.0	48.5	88.2	94.6	90.8	60.7	43.5	43.3
163-171	Suicide.....	19,802	17.5	16.0	10.2	15.7	14.3	14.2	14.9	15.2	10.2	15.4	10.9	16.9	15.6	16.2
172-175	Homicide.....	8,799	2.1	5.9	7.1	9.0	8.3	8.0	7.6	6.8	1.2	3.9	4.2	5.1	3.6	3.1
206	Automobile and railroad train collision.....	1,489	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1.5	1.2	1.3	1.4	1.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1.3	1.1	.8
208	Automobile and streetcar collision.....	165	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	.4	.2	.2	.2	.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	.4	.2	.1
210	Automobile accidents (primary) <sup>7</sup> .....	30,564	( <sup>4</sup> )	1.8	10.4	24.5	26.8	27.8	28.8	23.5	( <sup>4</sup> )	2.0	12.1	25.1	27.5	21.1
	Other external causes.....	61,774	79.0	82.6	60.9	54.2	50.1	56.5	51.1	47.4	72.3	75.8	58.5	51.4	48.4	46.8

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<sup>1</sup> See general note, p. 83. <sup>2</sup> In continental United States. <sup>3</sup> Includes capillary bronchitis. <sup>4</sup> Not separately tabulated. <sup>5</sup> Excludes diseases of coronary arteries.

<sup>6</sup> Includes ulcer of the duodenum from 1900 to 1920. <sup>7</sup> Excludes adhesions of intestines from 1900 to 1920. <sup>8</sup> See also tables 469 and 470.

Source: Department of Commerce, Bureau of Census; Vital Statistics—Special Reports, Vol. 9, Nos. 13, 23, and 40 and official records (not published elsewhere).

No. 83.—DEATH RATES PER 100,000 POPULATION, FOR LEADING CAUSES OF DEATH, BY STATES: 1938

NOTE.—See general note, p. 83. Numbers following causes represent those of the detailed International List of Causes of Death

AREA	Total	Diseases of the heart	Cancers and other malignant tumors	Cerebral hemorrhage, embolism, thrombosis	Influenza and pneumonia (all forms)	Nephritis	Tuberculosis (all forms)	Congenital malformations and diseases of early infancy	All other causes
		90-95	45-53	82	11, 107-109	130-132	23-32	157-161	
United States.....	1,080.9	268.9	114.6	85.7	80.2	77.2	48.9	48.5	338.8
Alabama.....	1,020.2	164.1	58.2	75.7	102.1	80.5	55.8	54.2	429.5
Arizona.....	1,456.8	207.8	85.0	53.2	186.7	62.1	234.0	79.6	548.5
Arkansas.....	828.7	124.7	55.5	61.1	89.5	70.4	49.1	34.9	343.5
California.....	1,238.0	362.5	147.7	90.1	69.6	77.6	65.4	43.6	381.4
Colorado.....	1,177.9	257.5	118.7	87.8	115.2	87.5	60.5	62.7	388.0
Connecticut.....	1,009.9	316.2	141.9	81.8	53.4	77.9	36.1	36.5	266.1
Delaware.....	1,225.7	366.3	119.5	100.4	81.6	100.4	51.7	49.4	356.3
District of Columbia.....	1,269.9	341.5	139.9	83.1	87.2	99.5	71.0	63.6	384.1
Florida.....	1,258.9	260.5	92.7	111.4	97.3	98.2	59.0	59.0	480.8
Georgia.....	1,095.1	177.8	63.7	99.2	113.5	111.9	52.4	60.7	416.0
Idaho.....	921.0	216.6	91.9	66.9	84.8	56.8	22.1	62.5	320.3
Illinois.....	1,076.0	316.5	137.3	74.1	62.2	91.4	46.0	51.7	305.9
Indiana.....	1,110.3	289.1	119.3	106.3	74.4	105.2	40.4	44.8	330.9
Iowa.....	1,004.0	252.0	131.3	105.8	78.2	59.9	19.2	45.3	312.1
Kansas.....	996.9	237.7	119.8	103.5	65.8	90.0	22.9	42.7	314.5
Kentucky.....	1,003.8	203.0	77.7	82.9	96.9	66.2	69.7	60.0	347.3
Louisiana.....	1,161.7	250.4	88.2	71.2	122.0	100.3	66.7	75.5	387.3
Maine.....	1,227.5	337.4	150.5	114.8	93.2	82.5	30.5	66.6	352.0
Maryland.....	1,241.6	337.8	136.1	104.7	87.0	130.4	78.7	53.0	323.9
Massachusetts.....	1,120.8	362.0	156.9	96.7	74.0	69.2	38.6	39.7	283.6
Michigan.....	1,049.4	289.2	120.4	94.3	66.8	57.2	39.3	57.0	325.2
Minnesota.....	987.1	252.1	140.4	90.2	79.1	41.0	30.8	51.7	301.8
Mississippi.....	1,127.0	161.0	69.1	73.7	102.7	100.6	57.4	52.8	509.6
Missouri.....	1,066.9	250.3	123.8	87.6	97.0	103.0	48.0	39.5	317.7
Montana.....	1,054.5	242.7	103.3	81.1	80.9	58.3	44.7	61.0	392.6
Nebraska.....	877.1	215.7	119.4	86.1	63.9	58.0	16.6	39.8	277.7
Nevada.....	1,259.4	306.9	127.7	61.4	85.1	76.2	78.2	52.5	471.3
New Hampshire.....	1,254.9	370.8	154.1	120.6	88.0	101.0	29.0	52.7	329.6
New Jersey.....	1,000.2	319.8	128.2	79.6	60.9	72.4	43.9	32.0	272.3
New Mexico.....	1,412.8	154.3	66.6	54.7	129.1	59.2	115.2	83.2	750.5
New York.....	1,135.2	367.8	156.9	73.4	67.7	71.1	50.6	40.1	307.5
North Carolina.....	962.2	177.1	54.8	90.0	92.9	86.0	53.5	68.9	338.8
North Dakota.....	737.7	150.6	89.0	65.4	59.1	40.9	19.8	55.0	257.9
Ohio.....	1,112.4	282.7	131.3	108.6	72.9	77.4	45.0	46.9	348.7
Oklahoma.....	783.2	140.2	69.0	68.6	74.6	51.8	42.7	44.3	292.0
Oregon.....	1,147.4	289.4	144.9	107.3	67.1	106.1	30.1	42.0	360.6
Pennsylvania.....	1,054.3	308.1	121.9	83.8	72.7	82.4	43.1	46.5	296.0
Rhode Island.....	1,215.3	362.7	159.0	98.7	85.5	105.0	40.5	46.8	317.0
South Carolina.....	1,105.0	196.7	54.8	95.7	118.2	90.0	50.0	56.5	443.0
South Dakota.....	792.2	167.9	87.0	69.9	65.2	39.0	34.4	44.9	283.8
Tennessee.....	1,012.4	165.4	74.7	81.7	109.1	63.6	77.5	46.5	394.0
Texas.....	975.5	174.2	74.4	70.8	95.2	57.6	66.9	55.8	380.5
Utah.....	935.1	240.3	88.6	56.1	75.5	54.2	19.3	77.3	323.7
Vermont.....	1,198.7	336.6	133.9	116.4	84.5	84.6	39.2	55.6	337.9
Virginia.....	1,093.1	237.0	81.7	102.5	98.7	87.4	66.8	66.7	352.1
Washington.....	1,117.5	301.5	137.7	107.3	76.4	69.5	43.1	41.5	340.4
West Virginia.....	952.6	171.6	75.7	73.0	91.2	69.7	50.1	67.5	353.9
Wisconsin.....	1,049.4	295.0	140.3	90.6	67.3	63.7	32.1	51.8	308.6
Wyoming.....	951.1	217.0	89.8	62.1	75.7	53.6	25.5	60.9	366.4

No. 84.—BIRTHS, DEATHS, AND DEATHS UNDER 1 YEAR OF AGE, BY SEX, FOR BIRTH-REGISTRATION AREA: 1915 TO 1939

NOTE.—See general note, p. 83

YEAR	BIRTH REGISTRATION AREA <sup>1</sup>								
	Population of registration area <sup>2</sup>	Per cent of U. S. total population	Per cent of U. S. total area	Births			Deaths		
				Total	Male	Female	Total	Male	Female
1915.....	30,936,179	31.1	9.8	776,304	398,615	377,689	436,593	234,871	201,722
1920.....	63,740,689	59.8	38.7	1,508,874	775,322	733,552	886,134	438,201	397,933
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.....	89,682,479	77.0	63.2	1,856,068	953,638	902,430	1,093,511	589,653	503,868
1927.....	103,575,656	87.6	72.0	2,137,836	1,099,287	1,038,549	1,176,805	638,080	538,725
1928.....	113,050,663	94.3	80.8	2,233,149	1,147,625	1,085,524	1,361,987	738,891	623,096
1929.....	115,997,972	94.7	88.6	2,169,920	1,114,814	1,055,106	1,369,757	745,491	624,266
1930.....	116,556,000	94.7	88.6	2,203,958	1,131,976	1,071,982	1,321,367	723,315	598,052
1931.....	117,622,000	94.7	88.6	2,112,760	1,034,404	1,028,356	1,301,405	714,277	587,128
1932.....	119,027,000	95.2	91.2	2,074,042	1,063,885	1,010,157	1,293,269	704,506	583,763
1933.....	125,770,000	100.0	100.0	2,081,232	1,068,871	1,012,361	1,342,106	737,312	604,794
1934.....	126,626,000	100.0	100.0	2,167,636	1,112,703	1,054,933	1,396,993	772,595	624,308
1935.....	127,521,000	100.0	100.0	2,155,105	1,105,489	1,049,616	1,392,752	771,320	621,432
1936.....	128,429,000	100.0	100.0	2,144,790	1,099,465	1,045,325	1,479,228	821,439	657,789
1937.....	129,257,000	100.0	100.0	2,203,337	1,130,641	1,072,696	1,450,427	808,834	611,593
1938.....	130,215,000	100.0	100.0	2,286,962	1,172,541	1,114,421	1,381,391	764,902	646,489
1939.....	<sup>3</sup> 130,215,000	100.0	100.0	<sup>2</sup> 2,262,726	( <sup>5</sup> )	( <sup>5</sup> )	<sup>1</sup> 1,387,797	( <sup>5</sup> )	( <sup>5</sup> )

YEAR	BIRTH REGISTRATION AREA—continued						AREA AS OF 1917 <sup>6</sup>	
	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.....	330,711	25.1	14.1	11.0	1,055	1,164	—	—
1920.....	672,740	23.7	13.1	10.6	1,057	1,101	23.9	13.2
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	1,163	21.9	12.0
1926.....	762,567	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	18.4	11.5
1931.....	811,355	18.0	11.1	6.9	1,055	1,217	17.8	11.3
1932.....	780,773	17.4	10.9	6.5	1,053	1,107	17.3	11.1
1933.....	739,126	16.5	10.7	5.8	1,056	1,219	16.2	10.9
1934.....	770,733	17.1	11.0	6.1	1,055	1,233	16.6	11.2
1935.....	762,353	16.9	10.9	6.0	1,053	1,241	16.5	11.1
1936.....	695,562	16.7	11.5	5.2	1,052	1,249	16.3	11.6
1937.....	752,910	17.0	11.2	5.8	1,054	1,261	16.6	11.4
1938.....	905,571	17.6	10.6	7.0	1,052	1,241	17.2	10.8
1939.....	874,929	17.4	10.7	6.7	( <sup>5</sup> )	( <sup>5</sup> )	16.8	10.9

YEAR	DEATHS UNDER 1 YEAR OF AGE IN BIRTH REGISTRATION AREA <sup>1</sup>						
	Number			Deaths per 1,000 births			Number of male deaths per 1,000 female deaths
	Total	Males	Females	Among total	Among males	Among females	
1915.....	77,572	43,818	33,754	100	110	89	1,298
1920.....	120,531	73,737	55,794	86	95	76	1,322
1925.....	134,652	76,902	57,750	72	80	63	1,332
1930.....	142,413	80,744	61,669	65	71	58	1,300
1933.....	120,887	68,331	52,556	58	64	52	1,300
1934.....	180,185	73,960	56,235	60	67	53	1,315
1935.....	120,138	68,805	51,333	56	62	49	1,340
1936.....	122,535	69,749	52,786	67	63	50	1,321
1937.....	119,931	64,173	51,758	54	60	48	1,317
1938.....	116,702	66,462	50,240	51	57	45	1,323
1939.....	108,532	( <sup>5</sup> )	( <sup>5</sup> )	48	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> In continental United States. <sup>2</sup> Midyear estimates. <sup>3</sup> 1938 estimate. <sup>4</sup> No 1939 estimate available.

<sup>5</sup> Provisional figures. <sup>6</sup> Not available. <sup>7</sup> Exclusive of Rhode Island.

No. 85.—BIRTHS AND DEATHS, BY PLACE OF OCCURRENCE AND BY PLACE OF RESIDENCE, FOR SELECTED CITIES: 1938

NOTE.—The first and second columns compare the numbers of births occurring in the specified cities (regardless of the places of residence of the mothers) with the numbers of births to mothers whose permanent homes were in the specified cities (regardless of the places of occurrence of such births). Similarly, the third and fourth columns compare the numbers of deaths occurring in the specified cities (regardless of the places of residence of the decedents) with the numbers of deaths of residents of the specified cities (regardless of the places of occurrence of such deaths). For example: The total number of births occurring in Akron (including births to mothers having their permanent homes elsewhere) was 4,212; whereas the total number of births to mothers having their permanent homes in Akron (including births occurring elsewhere) was 3,825

AREA	BIRTHS BY PLACE OF—		DEATHS BY PLACE OF—		AREA	BIRTHS BY PLACE OF—		DEATHS BY PLACE OF—	
	Occurrence	Residence	Occurrence	Residence		Occurrence	Residence	Occurrence	Residence
Akron	4,212	3,825	2,054	1,943	Milwaukee	9,989	9,492	5,203	5,753
Albany	2,607	1,709	1,770	1,582	Minneapolis	8,867	7,532	5,100	4,630
Atlanta	6,587	5,888	4,310	4,204	Nashville	3,779	3,579	2,726	2,294
Baltimore	15,298	13,636	11,091	10,303	Newark, N. J.	7,025	6,316	4,659	4,752
Birmingham	5,355	5,256	3,767	3,700	New Bedford	1,716	1,508	1,235	1,229
Boston	15,910	12,002	10,860	9,515	New Haven	3,407	2,298	2,010	1,962
Bridgeport	2,804	2,139	1,636	1,509	New Orleans	10,284	7,099	8,073	6,580
Buffalo	10,398	8,806	7,122	6,621	New York	101,026	100,333	73,738	74,051
Cambridge	2,216	1,807	1,375	1,345	Norfolk	2,257	2,257	1,630	1,807
Camden	3,359	1,858	1,601	1,311	Oakland	5,270	4,156	3,611	3,703
Canton	2,291	1,805	1,110	1,029	Oklahoma City	4,319	3,778	2,218	1,837
Chattanooga	2,575	2,251	1,910	1,684	Omaha	4,417	3,780	2,684	2,425
Chicago	51,660	52,171	35,216	36,243	Paterson	2,830	1,736	1,710	1,482
Cincinnati	9,106	7,306	6,692	6,116	Peoria	2,835	1,993	1,459	1,210
Cleveland	15,847	14,133	9,572	9,251	Philadelphia	30,768	28,817	24,214	23,722
Columbus	5,690	5,100	4,243	3,734	Pittsburgh	14,465	10,339	8,125	6,980
Dallas	2,607	5,116	3,272	2,907	Portland, Ore.	5,069	4,030	4,003	3,580
Dayton	4,522	3,932	2,619	2,440	Providence	5,551	3,645	3,280	3,098
Denver	6,281	5,398	4,350	3,964	Reading	1,331	1,401	1,246	1,277
Des Moines	3,216	2,702	1,813	1,558	Richmond	3,651	2,887	2,776	2,414
Detroit	28,814	27,463	12,817	12,958	Rochester	5,484	4,277	3,563	3,365
Duluth	1,952	1,666	1,200	1,077	St. Louis	14,105	11,963	10,596	9,878
Elizabeth	2,383	1,791	1,336	1,109	St. Paul	5,546	4,877	3,009	2,811
El Paso	2,752	2,512	1,930	1,252	Salt Lake City	3,905	3,081	1,803	1,423
Erie	2,691	2,231	1,293	1,190	San Antonio	6,445	6,085	3,335	3,185
Evansville	2,098	1,813	1,312	1,207	San Diego	3,781	2,878	2,440	2,682
Fall River	1,589	1,348	1,668	1,497	San Francisco	8,539	7,682	8,512	7,985
Flint	3,771	3,231	2,261	1,170	Scranton	2,674	2,113	1,866	1,674
Fort Wayne	2,117	1,48	1,285	1,219	Seattle	5,775	5,073	4,807	4,562
Fort Worth	3,365	2,853	1,905	1,776	Somerville	1,301	1,693	962	1,132
Gary	2,512	2,138	974	970	South Bend	1,645	1,545	886	903
Grand Rapids	3,004	3,052	1,668	1,586	Spokane	2,615	1,824	1,611	1,352
Hartford	4,134	2,552	2,124	1,731	Springfield, Mass.	1,893	1,478	1,750	1,521
Houston	7,666	6,839	4,116	3,866	Syracuse	4,096	2,964	2,522	2,235
Indianapolis	6,986	6,655	5,153	4,795	Tacoma	2,203	1,568	1,472	1,230
Jacksonville, Fla.	3,003	2,632	2,159	1,973	Tampa	1,829	1,774	1,162	1,171
Jersey City	6,916	4,379	3,522	3,326	Toledo	5,163	4,633	3,522	3,293
Kansas City, Kans.	2,249	2,067	1,532	1,301	Trenton	2,600	1,643	1,637	1,468
Kansas City, Mo.	6,342	5,769	5,147	4,896	Tulsa	2,647	2,436	1,426	1,388
Knoxville	2,275	1,938	1,440	1,262	Utica	1,876	1,472	1,461	1,421
Long Beach	2,902	2,504	1,630	1,768	Washington, D. C.	12,938	10,368	7,062	7,586
Los Angeles	20,569	21,937	16,849	15,632	Wichita	2,304	1,986	1,159	1,063
Louisville	6,129	5,655	4,254	4,104	Wilmington, Del.	2,560	1,873	1,511	1,341
Lowell	1,812	1,602	1,413	1,341	Worcester	3,523	2,822	2,451	2,243
Lynn	1,434	1,383	1,049	1,071	Yonkers	1,836	1,700	1,243	1,343
Memphis	5,443	4,645	4,222	3,328	Youngstown	3,573	2,997	1,712	1,540
Miami	2,512	2,578	1,667	1,555					

Source: Department of Commerce, Bureau of the Census; Vital Statistics of the United States, 1938 Part II.



No. 86.—BIRTHS AND EXCESS OF BIRTHS OVER DEATHS, BY STATES: 1930 TO 1939

NOTE.—See general note, p. 83. For number of deaths in each State for 1938 and 1939, see table 79; for number in birth registration area, see table 84

AREA	NUMBER OF BIRTHS					EXCESS OF BIRTHS OVER DEATHS <sup>1</sup>			
	1930	1935	1937	1938	1939 <sup>2</sup>	1935	1937	1938	1939 <sup>2</sup>
Total birth registration area in continental U. S.	2,203,958	2,155,105	2,203,387	2,286,862	2,202,726	762,358	752,910	805,571	874,999
White	1,953,193	1,898,012	1,928,437	2,005,955	(*)	680,053	673,650	810,524	(*)
Other races	250,765	267,093	274,900	281,007	(*)	81,700	79,260	95,047	(*)
Urban <sup>4</sup>	1,080,674	997,332	1,007,239	1,121,394	1,124,031	271,015	303,439	395,593	390,039
Rural <sup>5</sup>	1,123,284	1,157,773	1,196,098	1,165,468	1,138,695	491,338	440,471	509,978	484,890
Alabama	63,757	62,239	61,611	62,032	61,884	33,654	30,768	32,490	33,579
White	40,782	38,504	38,208	38,812	(*)	22,503	21,680	22,774	(*)
Other races	22,975	23,735	23,403	23,220	(*)	11,151	9,088	9,722	(*)
Arizona	10,376	9,139	10,464	10,878	10,707	3,062	3,575	4,876	4,868
Arkansas	41,093	35,084	35,236	37,182	35,564	19,508	16,872	20,211	19,043
White	32,009	27,176	26,615	28,477	(*)	15,729	13,893	16,068	(*)
Other races	9,084	8,909	8,621	8,705	(*)	3,779	2,979	3,543	(*)
California	84,206	80,131	94,230	101,844	103,443	7,675	13,974	25,657	26,328
White	79,568	76,097	89,745	96,878	(*)	6,989	13,100	24,006	(*)
Other races	4,638	4,034	4,485	4,966	(*)	686	874	1,651	(*)
Colorado	18,814	18,837	19,610	20,599	20,688	5,708	5,777	7,984	8,136
Connecticut	27,693	22,258	22,774	23,783	23,463	4,599	4,882	6,201	5,768
Delaware	4,474	4,036	4,355	4,431	4,784	2,828	1,065	1,232	1,614
District of Columbia	9,376	10,893	12,343	12,938	14,037	8,200	3,616	4,976	5,747
White	6,324	7,162	8,274	8,809	(*)	1,904	2,818	3,671	(*)
Other races	3,052	3,731	4,069	4,129	(*)	416	798	1,305	(*)
Florida	26,993	28,051	29,507	31,096	32,333	8,005	8,547	10,072	11,028
White	18,602	19,579	20,564	21,750	(*)	6,616	7,107	8,297	(*)
Other races	8,391	8,472	8,943	9,346	(*)	1,389	1,440	1,775	(*)
Georgia	60,680	63,260	64,061	64,636	64,783	28,972	29,615	30,853	32,940
White	37,285	37,334	38,194	38,899	(*)	18,061	19,682	20,610	(*)
Other races	23,404	25,926	25,867	25,737	(*)	10,311	9,933	10,237	(*)
Idaho	9,177	9,469	10,369	11,277	11,058	4,938	5,617	6,732	6,303
Illinois	128,121	111,884	115,282	122,502	118,443	26,366	27,543	37,793	31,450
Indiana	59,278	52,909	56,037	60,192	58,346	13,394	15,158	21,619	18,305
Iowa	42,733	41,137	42,165	43,221	43,709	14,773	15,620	17,598	17,309
Kansas	33,707	30,689	29,325	29,574	29,115	10,255	10,121	10,991	10,645
Kentucky	59,292	57,715	56,163	61,878	60,587	28,345	25,264	33,528	31,078
White	55,881	54,918	53,051	58,085	(*)	29,700	26,500	32,460	(*)
Other races	3,381	2,797	3,112	3,193	(*)	-1,355	-1,296	-862	(*)
Louisiana	42,890	42,370	46,066	48,897	49,180	18,559	20,906	24,100	24,646
White	28,166	24,217	26,534	28,084	(*)	11,582	13,069	15,497	(*)
Other races	16,724	17,853	19,472	20,183	(*)	6,977	7,927	8,603	(*)
Maine	16,199	15,723	15,246	15,218	14,925	4,699	3,781	4,711	4,122
Maryland	30,251	27,230	27,739	29,013	28,201	6,154	5,658	6,166	7,371
White	23,834	21,322	21,701	22,713	(*)	5,014	4,674	6,527	(*)
Other races	6,417	5,914	5,978	6,300	(*)	940	982	1,639	(*)
Massachusetts	73,616	63,001	61,736	61,262	60,247	12,764	9,488	11,659	9,330
Michigan	99,325	87,446	91,530	96,963	94,427	36,396	38,067	40,276	42,404
Minnesota	47,418	45,062	48,036	50,002	50,234	19,715	21,131	23,883	23,450
Mississippi	48,163	48,320	52,095	53,094	51,800	26,981	28,239	30,894	29,153
White	23,296	21,877	23,248	24,098	(*)	12,754	13,239	14,502	(*)
Other races	24,867	26,343	28,847	29,596	(*)	14,227	15,000	16,392	(*)
Missouri	62,166	57,299	56,951	58,567	58,879	14,098	11,977	16,009	16,288
Montana	9,971	10,200	10,246	10,673	10,894	3,798	4,120	4,980	4,999
Nebraska	27,004	23,327	22,720	22,401	22,327	10,146	9,071	10,437	10,138
Nevada	1,332	1,423	1,742	1,883	1,941	423	410	616	685
New Hampshire	8,342	7,708	7,633	7,830	7,939	1,290	1,105	1,430	1,638
New Jersey	68,321	54,514	54,607	56,043	56,381	11,230	9,604	12,212	12,421
New Mexico	12,115	13,190	13,837	14,290	14,215	6,918	7,415	8,328	8,278
New York	216,072	184,344	185,502	189,559	184,859	35,882	31,790	42,453	37,352
White	67,772	78,763	79,080	79,934	79,202	45,268	45,099	46,355	47,558
Other races	53,402	53,065	53,664	54,450	(*)	32,416	32,427	33,366	(*)
Other races	23,310	25,088	25,416	25,475	(*)	12,852	12,672	12,969	(*)

<sup>1</sup> A minus sign indicates an excess of deaths over births. <sup>2</sup> Provisional figures. <sup>3</sup> Not available.  
<sup>4</sup> Includes all cities having a population of 10,000 or more in 1930, and certain towns and townships each having a population of 10,000 or more and a population density of 1,000 or more per square mile.  
<sup>5</sup> Includes cities having less than 10,000 population.

No. 86.—BIRTHS AND EXCESS OF BIRTHS OVER DEATHS, BY STATES: 1930 TO 1939—Continued

AREA	NUMBER OF BIRTHS					EXCESS OF BIRTHS OVER DEATHS <sup>1</sup>			
	1930	1935	1937	1938	1939 <sup>2</sup>	1935	1937	1938	1939 <sup>2</sup>
North Dakota.....	14,783	13,655	12,637	13,041	13,160	7,795	7,197	7,833	7,733
Ohio.....	118,260	101,103	107,576	112,667	109,281	23,747	27,387	37,768	32,348
Oklahoma.....	42,505	43,691	41,456	44,188	43,428	22,000	20,143	24,231	23,050
White.....	39,468	40,360	37,616	39,972	( <sup>3</sup> )	22,181	19,382	22,000	( <sup>3</sup> )
Other races.....	3,037	3,331	3,840	4,216	( <sup>3</sup> )	419	761	1,331	( <sup>3</sup> )
Oregon.....	13,468	13,179	15,457	16,245	16,708	1,749	3,116	4,461	4,920
Pennsylvania.....	189,458	161,166	161,288	165,984	161,044	52,611	46,339	58,702	53,017
Rhode Island.....	12,191	10,215	10,240	10,536	10,445	2,377	1,906	2,260	2,670
South Carolina.....	40,460	40,598	40,643	41,120	42,548	20,245	20,103	20,402	23,274
White.....	20,057	19,590	19,745	20,352	( <sup>3</sup> )	10,436	10,469	11,017	( <sup>3</sup> )
Other races.....	20,403	21,008	20,898	20,768	( <sup>3</sup> )	9,809	9,634	9,385	( <sup>3</sup> )
South Dakota.....	( <sup>4</sup> )	12,850	11,908	11,826	11,477	6,534	5,940	6,344	5,928
Tennessee.....	52,652	53,314	51,938	53,651	53,352	23,312	21,706	24,303	24,626
White.....	44,546	44,981	43,859	46,602	( <sup>3</sup> )	22,861	21,777	24,112	( <sup>3</sup> )
Other races.....	8,106	8,333	8,079	8,049	( <sup>3</sup> )	451	-71	251	( <sup>3</sup> )
Texas.....	( <sup>5</sup> )	114,721	116,057	121,156	121,033	53,058	50,009	60,948	60,808
White.....	( <sup>5</sup> )	100,766	102,129	106,343	( <sup>5</sup> )	50,711	48,828	57,480	( <sup>5</sup> )
Other races.....	( <sup>5</sup> )	13,955	13,928	14,813	( <sup>5</sup> )	2,347	1,781	3,468	( <sup>5</sup> )
Utah.....	12,946	12,695	12,693	13,214	13,007	7,629	7,704	8,361	8,294
Vermont.....	6,934	6,591	6,326	6,301	6,376	1,814	1,345	1,710	1,830
Virginia.....	54,793	51,437	51,950	53,495	52,920	21,129	20,831	23,916	24,279
White.....	38,972	36,610	36,834	38,462	( <sup>3</sup> )	17,338	16,854	19,212	( <sup>3</sup> )
Other races.....	15,731	14,877	15,116	15,033	( <sup>3</sup> )	3,791	3,977	4,704	( <sup>3</sup> )
Washington.....	23,019	22,396	25,030	26,767	26,537	4,193	5,942	8,239	8,023
West Virginia.....	41,014	41,774	42,240	42,434	41,547	23,434	23,050	24,668	24,053
Wisconsin.....	56,788	52,562	53,543	55,004	54,170	21,868	21,570	24,300	22,745
Wyoming.....	4,471	4,362	4,530	4,946	5,038	2,078	2,100	2,711	2,827

<sup>1</sup> A minus sign indicates an excess of deaths over births. <sup>2</sup> Provisional figures.  
<sup>3</sup> Not available. <sup>4</sup> Not in the birth registration area.

Source: Department of Commerce, Bureau of the Census; Vital Statistics of the United States, 1938, Part I and Vital Statistics—Special Reports, Vol. 9, Nos. 46 and 50.

No. 87.—BIRTH AND DEATH RATES AND RATES OF EXCESS OF BIRTHS OVER DEATHS, PER 1,000 POPULATION, FOR BIRTH-REGISTRATION AREA: 1920 TO 1933

NOTE.—For rates for the total birth registration area for 1934 to 1939, see table 84. No later data available by race or for urban or rural areas. See also general note, p. 83

AREA	1920	1925	1927	1928	1929	1930	1931	1932	1933
<b>Total birth registration area:<sup>1</sup></b>									
Births.....	23.7	21.5	20.6	19.8	18.9	18.9	18.0	17.4	16.5
Deaths.....	13.1	11.8	11.4	12.0	11.9	11.3	11.1	10.9	10.7
Excess.....	10.6	9.7	9.2	7.8	7.0	7.6	6.9	6.5	5.8
<b>White:</b>									
Births.....	23.4	21.2	20.4	19.5	18.5	18.6	17.7	17.0	16.1
Deaths.....	12.7	11.4	10.9	11.5	11.3	10.8	10.6	10.5	10.3
Excess.....	10.7	9.8	9.5	8.0	7.3	7.8	7.1	6.5	5.8
<b>Other races:</b>									
Births.....	26.9	25.4	23.6	22.2	21.3	21.5	20.9	21.3	20.2
Deaths.....	18.3	17.6	16.5	17.1	16.9	16.3	15.5	14.5	14.1
Excess.....	8.6	7.8	7.1	5.1	4.4	5.2	5.4	6.8	6.1
<b>Urban:<sup>2</sup></b>									
Births.....	23.9	21.9	21.0	20.1	19.4	19.1	17.5	16.7	15.6
Deaths.....	14.0	12.7	12.4	13.3	13.0	12.3	11.9	11.6	11.5
Excess.....	9.9	9.2	8.6	6.8	6.4	6.8	5.6	5.1	4.1
<b>Rural:<sup>3</sup></b>									
Births.....	23.5	21.0	20.3	19.5	18.4	18.7	18.4	18.1	17.4
Deaths.....	12.2	10.9	10.4	11.0	10.9	10.5	10.3	10.2	9.9
Excess.....	11.3	10.1	9.9	8.5	7.5	8.2	8.1	7.9	7.5

<sup>1</sup> In continental United States.

<sup>2</sup> Includes all cities having a population of 10,000 or more in 1930, and certain towns and townships each having a population of 10,000 or more and a population density of 1,000 or more per square mile.

<sup>3</sup> Includes cities having less than 10,000 population.

Source: Department of Commerce, Bureau of the Census; annual report on Births, Stillbirths, and Infant Mortality Statistics.

No. 88.—BIRTH RATES AND RATES OF EXCESS OF BIRTHS OVER DEATHS, PER 1,000 POPULATION, BY STATES: 1920 TO 1939

NOTE.—See general note, p. 83

AREA	BIRTHS PER 1,000 POPULATION							EXCESS OF BIRTHS OVER DEATHS PER 1,000 POPULATION <sup>1</sup>					
	1920	1925	1930	1935	1937	1938	1939 <sup>2</sup>	1925	1930	1935	1937	1938	1939 <sup>3</sup>
Total birth registration area <sup>4</sup> .....	23.7	21.5	18.9	16.9	17.0	17.6	17.4	9.7	7.6	6.0	5.9	7.0	6.7
Alabama.....	(4)	(4)	24.0	22.0	21.3	21.4	21.4	(4)	12.6	11.9	10.6	11.2	11.6
Arizona.....	(4)	(4)	24.0	22.5	25.5	26.4	26.0	(4)	8.6	7.5	8.7	11.8	11.8
Arkansas.....	(4)	(4)	22.1	17.0	17.2	18.2	17.4	(4)	11.9	9.8	8.2	9.9	9.3
California.....	19.0	18.4	14.8	13.4	15.3	16.5	16.9	8.1	3.2	1.3	2.3	4.1	4.3
Colorado.....	(4)	(4)	18.1	17.7	18.3	19.2	19.3	(4)	5.4	5.3	5.4	7.4	7.6
Connecticut.....	24.5	19.8	17.2	13.0	13.1	13.7	13.5	8.0	6.5	2.7	2.8	3.6	3.3
Delaware.....	(4)	(4)	20.2	18.7	15.8	16.7	17.0	18.3	6.7	5.1	3.3	4.1	4.7
District of Columbia.....	20.1	19.6	19.1	18.2	19.7	20.6	22.4	4.5	4.1	3.0	5.8	7.9	9.2
Florida.....	(4)	(4)	23.8	18.3	17.4	17.7	18.6	19.4	10.2	5.9	5.0	6.0	6.6
Georgia.....	(4)	(4)	20.8	20.8	20.8	21.0	21.0	(4)	8.7	9.5	9.6	10.0	10.7
Idaho.....	(4)	(4)	20.5	19.8	21.0	22.9	22.4	(4)	11.2	10.3	11.4	13.7	12.8
Illinois.....	(4)	(4)	19.1	16.8	14.3	14.6	15.6	15.0	7.6	5.9	3.4	4.8	4.8
Indiana.....	22.0	20.8	18.2	15.4	16.1	17.3	16.8	8.3	6.1	3.9	4.4	6.2	5.4
Iowa.....	(4)	(4)	19.6	17.3	18.2	16.5	16.9	17.2	9.6	6.7	5.8	6.1	6.9
Kansas.....	22.3	20.1	17.0	16.3	15.7	15.9	15.6	9.9	7.5	5.5	5.4	5.9	5.7
Kentucky.....	25.9	25.2	22.6	20.3	19.2	21.2	20.7	13.9	11.4	10.0	8.7	11.2	10.6
Louisiana.....	(4)	(4)	20.4	19.9	21.6	22.9	23.1	(4)	8.7	8.7	9.8	11.3	11.6
Maine.....	22.5	22.3	20.2	18.6	17.3	17.8	17.4	8.5	6.3	5.6	4.5	5.5	4.8
Maryland.....	24.8	21.9	18.5	16.3	16.5	17.3	16.8	7.9	5.3	3.6	3.4	4.9	4.9
Massachusetts.....	23.7	21.2	17.3	14.4	13.9	13.8	13.6	3.5	5.7	2.7	3.1	2.6	2.1
Michigan.....	24.9	23.1	20.6	18.5	19.0	20.1	19.9	11.6	9.0	7.7	7.0	9.6	8.8
Minnesota.....	23.3	21.7	18.5	17.5	18.1	18.9	18.9	11.5	8.5	7.2	8.0	9.0	8.3
Mississippi.....	(4)	(4)	23.7	24.0	24.1	25.8	26.5	12.1	12.0	13.5	14.0	15.2	14.4
Missouri.....	(4)	(4)	17.0	14.6	14.3	14.7	14.8	(4)	5.2	3.6	3.0	4.0	4.1
Montana.....	(4)	(4)	18.9	18.6	18.9	19.0	19.8	9.3	8.5	7.3	7.6	9.3	9.3
Nebraska.....	23.8	21.8	18.6	17.1	16.3	16.4	16.4	12.5	9.9	7.4	6.7	7.6	7.5
Nevada.....	(4)	(4)	14.6	14.4	17.2	18.7	19.2	(4)	1.9	1.0	1.0	6.1	6.8
New Hampshire.....	22.4	20.7	17.8	15.5	15.0	15.4	15.6	6.3	4.3	2.5	2.2	2.0	3.2
New Jersey.....	(4)	(4)	20.4	16.8	12.7	12.6	12.9	13.0	8.8	6.1	2.6	2.2	2.8
New Mexico.....	(4)	(4)	31.3	32.9	33.9	33.7	(4)	(4)	5.4	2.4	17.6	19.8	20.6
New York.....	22.4	19.9	17.1	14.3	14.3	14.6	14.4	7.6	13.0	16.4	17.6	3.2	2.9
North Carolina.....	31.4	20.0	24.1	23.0	22.6	22.9	22.7	17.7	12.0	13.2	12.9	13.3	13.6
North Dakota.....	(4)	(4)	21.8	21.7	19.5	17.9	18.5	18.6	14.2	13.8	11.1	10.2	11.1
Ohio.....	21.3	20.3	17.8	15.1	16.0	16.7	16.2	8.5	6.3	3.6	4.1	5.6	4.9
Oklahoma.....	(4)	(4)	17.7	17.4	16.3	17.3	17.0	(4)	9.5	9.0	7.6	9.5	9.0
Oregon.....	18.9	17.7	14.1	13.1	15.1	15.8	16.3	6.7	3.1	1.8	3.0	4.3	4.8
Pennsylvania.....	25.2	23.4	19.6	16.0	15.8	16.3	15.8	10.8	8.0	5.0	4.6	5.8	5.2
Rhode Island.....	(4)	(4)	22.2	17.7	15.0	15.0	15.5	15.3	9.5	6.0	3.5	3.3	3.9
South Carolina.....	28.3	(4)	23.2	22.1	21.7	21.9	22.7	(4)	10.3	10.0	10.7	10.9	12.4
South Dakota.....	(4)	(4)	18.6	17.2	17.1	16.6	(4)	(4)	9.5	8.6	8.6	9.2	8.6
Tennessee.....	(4)	(4)	20.0	18.9	18.0	18.5	18.4	(4)	8.6	8.3	7.5	8.4	8.5
Texas.....	(4)	(4)	18.9	18.8	18.6	19.6	(4)	(4)	8.8	8.2	9.8	9.8	9.8
Utah.....	31.3	28.6	25.4	24.7	24.6	25.5	25.1	19.3	15.5	14.9	14.8	16.1	16.0
Vermont.....	21.0	21.1	19.2	17.5	16.5	16.5	16.6	6.7	8.2	8.3	3.5	4.5	4.7
Virginia.....	28.4	25.8	22.5	19.5	19.2	19.8	19.6	13.4	10.0	8.0	7.7	8.9	9.0
Washington.....	19.8	18.0	14.7	13.7	15.1	16.1	16.0	6.5	4.1	2.6	3.6	4.9	4.8
West Virginia.....	(4)	(4)	28.2	24.0	23.0	22.6	22.3	17.5	13.5	12.9	12.4	13.3	12.9
Wisconsin.....	22.2	20.5	19.3	18.1	18.3	18.8	18.5	10.0	8.9	7.5	7.4	8.3	7.8
Wyoming.....	(4)	(4)	22.9	19.8	18.8	19.3	21.0	21.4	13.9	10.6	8.0	11.5	12.0

<sup>1</sup> A minus sign indicates an excess of death rate over birth rate. <sup>2</sup> Provisional figures.

<sup>3</sup> In continental United States. <sup>4</sup> Not in the birth registration area.

Source: Department of Commerce, Bureau of the Census; Vital Statistics—Special Reports, Vol. 9, No. 46.

No. 89.—BIRTHS AND STILLBIRTHS, BY LEGITIMACY, BY STATES: 1938

AREA	LIVE BIRTHS			STILLBIRTHS			STILLBIRTHS PER 100 LIVE BIRTHS		
	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate	Total	Legitimate	Illegitimate
United States <sup>1</sup> .....	1,813,141	1,788,679	74,462	58,337	53,127	5,210	3.2	3.1	7.1
White.....	1,562,344	1,530,301	32,043	43,089	41,434	1,655	2.8	2.7	5.2
Other races.....	250,797	208,378	42,419	15,248	11,693	3,555	6.1	5.6	8.5

<sup>1</sup> Exclusive of California, Massachusetts, New York, and Texas, which do not require a statement of legitimacy of child.

## No. 89.—BIRTHS AND STILLBIRTHS, BY LEGITIMACY, BY STATES: 1938—Con.

AREA	LIVE BIRTHS			STILLBIRTHS			STILLBIRTHS PER 100 LIVE BIRTHS		
	Total	Legiti- mate	Illegiti- mate	Total	Legiti- mate	Illegiti- mate	Total	Legiti- mate	Illegiti- mate
Alabama	62,032	56,854	5,178	2,595	2,162	433	4.2	3.8	8.4
White	38,812	38,110	702	1,131	1,084	47	2.9	2.8	6.7
Other races	23,220	18,744	4,476	1,464	1,078	386	6.3	5.8	8.6
Arizona	10,878	10,623	255	297	283	14	2.7	2.7	5.5
Arkansas	37,182	35,706	1,476	1,245	1,127	118	3.3	3.2	6.0
White	28,477	28,028	449	760	732	28	2.7	2.6	8.2
Other races	8,705	7,678	1,027	485	395	90	5.6	5.1	8.8
Colorado	20,599	20,064	535	514	491	23	2.5	2.4	4.3
Connecticut	23,783	23,304	479	526	512	14	2.2	2.2	2.9
Delaware	4,431	4,002	369	134	116	18	3.0	2.9	4.9
District of Columbia	12,928	11,833	1,105	441	360	81	3.4	3.0	7.3
White	8,809	8,631	178	239	226	13	2.7	2.6	7.3
Other races	4,120	3,202	927	202	134	68	4.9	4.2	7.3
Florida	31,096	28,977	2,119	1,532	1,328	204	4.9	4.6	9.6
White	21,756	21,364	392	714	693	21	3.3	3.2	5.4
Other races	9,340	7,613	1,727	818	635	183	8.8	8.3	10.6
Georgia	64,636	59,743	4,893	3,413	2,921	492	5.3	4.9	10.1
White	38,899	38,200	699	1,403	1,358	45	3.6	3.5	7.4
Other races	25,737	21,463	4,284	2,010	1,563	447	7.8	7.3	10.4
Idaho	11,277	11,127	150	229	222	7	2.0	2.0	4.7
Illinois	122,562	119,292	3,270	3,207	3,059	148	2.6	2.6	4.5
Indiana	60,192	59,123	1,069	1,287	1,246	41	2.1	2.1	3.8
Iowa	43,221	42,427	794	1,097	1,057	40	2.5	2.5	5.0
Kansas	29,574	29,093	481	695	674	21	2.4	2.4	3.3
Kentucky	61,878	60,236	1,642	2,009	1,878	131	3.2	3.1	8.0
White	58,685	57,560	1,125	1,842	1,747	95	3.1	3.0	8.4
Other races	3,193	2,676	517	167	131	36	5.2	4.9	7.0
Louisiana	48,867	44,801	4,066	2,076	1,636	440	4.2	3.7	10.8
White	28,694	28,155	529	852	828	24	3.0	2.9	4.5
Other races	20,183	16,646	3,537	1,224	808	416	6.1	4.9	11.8
Maine	15,218	14,708	510	525	492	33	3.4	3.3	6.5
Maryland	29,013	26,785	2,228	1,266	1,090	167	4.4	4.1	7.5
White	22,713	22,167	546	865	820	45	3.8	3.7	8.2
Other races	6,300	4,618	1,682	401	279	122	6.4	6.0	7.3
Michigan	95,963	94,634	2,329	2,741	2,639	102	2.8	2.8	4.4
Minnesota	50,062	48,904	1,158	1,249	1,210	39	2.5	2.5	3.4
Mississippi	53,694	49,297	4,397	2,552	2,166	386	4.8	4.4	8.8
White	24,098	23,335	763	711	690	21	3.0	2.9	8.0
Other races	29,596	25,462	4,134	1,841	1,476	365	6.2	5.8	8.8
Missouri	58,567	56,015	1,952	2,048	1,912	136	3.5	3.4	7.0
Montana	10,673	10,460	213	250	246	4	2.3	2.4	1.9
Nebraska	22,401	22,191	210	514	501	13	2.3	2.3	6.2
Nevada	1,888	1,853	35	42	42	0	2.2	2.3	3.2
New Hampshire	7,830	7,647	183	245	220	25	3.1	3.0	8.7
New Jersey	56,043	54,624	1,419	1,670	1,596	74	3.0	2.9	5.2
New Mexico	14,290	13,724	566	376	356	20	2.6	2.6	3.5
North Carolina	79,934	73,844	6,090	3,075	2,637	438	3.8	3.6	7.2
White	54,459	53,014	1,445	1,583	1,510	73	2.9	2.8	5.1
Other races	25,475	20,830	4,645	1,492	1,127	365	5.9	5.4	7.9
North Dakota	13,011	12,747	264	276	264	12	2.1	2.1	4.1
Ohio	112,667	110,039	2,628	3,098	2,975	123	2.7	2.7	4.7
Oklahoma	44,188	42,950	1,238	1,199	1,130	69	2.7	2.6	5.6
White	39,972	39,319	653	1,032	993	39	2.6	2.6	6.0
Other races	4,216	3,631	585	167	137	30	4.0	3.8	5.1
Oregon	16,245	16,018	227	349	337	12	2.1	2.1	5.3
Pennsylvania	165,984	160,365	5,619	4,959	4,644	315	3.0	2.9	6.6
Rhode Island	10,536	10,240	296	286	277	9	2.7	2.7	3.0
South Carolina	41,120	36,593	4,527	2,082	1,720	362	5.1	4.7	8.0
White	20,352	19,848	504	632	613	19	3.1	3.1	3.8
Other races	20,768	16,745	4,023	1,450	1,107	343	7.0	6.6	8.5
South Dakota	11,826	11,620	206	263	256	7	2.2	2.2	3.4
Tennessee	53,651	51,260	2,361	1,952	1,778	174	3.6	3.5	7.4
White	45,602	44,674	928	1,434	1,384	50	3.1	3.1	5.4
Other races	8,049	6,616	1,433	518	394	124	6.4	6.0	8.7
Utah	13,214	13,085	128	280	273	7	2.1	2.1	5.5
Vermont	6,361	6,103	198	168	160	8	2.7	2.6	4.0
Virginia	53,495	49,498	3,997	2,141	1,811	330	4.0	3.7	8.3
White	38,462	37,390	1,072	1,170	1,103	67	3.0	2.9	6.3
Other races	15,033	12,108	2,925	971	708	263	6.5	5.8	9.0
Washington	26,767	26,235	532	452	432	20	1.7	1.6	3.8
West Virginia	42,434	40,546	1,888	1,675	1,553	122	3.9	3.8	6.5
Wisconsin	55,094	53,824	1,080	1,205	1,230	35	2.3	2.3	3.2
Wyoming	4,946	4,874	72	92	90	2	1.9	1.8	2.8

Source: Department of Commerce, Bureau of the Census; Vital Statistics—Special Reports, Vol. 9, Nos. 20 and 46, and official records (not published elsewhere).

No. 90.—DEATHS OF INFANTS UNDER 1 YEAR OF AGE, 1937 TO 1939, AND DEATH RATES PER 1,000 BIRTHS, 1925 TO 1939, BY STATES

AREA	NUMBER OF INFANT DEATHS			DEATHS OF INFANTS UNDER 1 YEAR OF AGE PER 1,000 LIVE BIRTHS					
	1937	1938	1939 <sup>1</sup>	1925	1930	1935	1937	1938	1939 <sup>1</sup>
Total birth registration area	119,931	114,702	108,532	72	65	56	54	51	48
White	97,084	94,485	( <sup>2</sup> )	68	60	52	50	47	( <sup>2</sup> )
Other races	22,867	22,217	( <sup>2</sup> )	111	100	83	83	79	( <sup>2</sup> )
Urban <sup>3</sup>	55,493	53,680	50,956	73	63	54	52	48	45
White	47,400	45,515	( <sup>2</sup> )	69	59	51	48	44	( <sup>2</sup> )
Other races	8,493	8,165	( <sup>2</sup> )	125	109	90	90	83	( <sup>2</sup> )
Rural <sup>4</sup>	64,408	63,022	57,576	70	66	57	57	54	51
White	56,084	48,976	( <sup>2</sup> )	67	62	53	52	50	( <sup>2</sup> )
Other races	14,404	14,052	( <sup>2</sup> )	101	95	80	82	77	( <sup>2</sup> )
Alabama	3,844	3,772	3,688	( <sup>5</sup> )	72	63	62	61	60
White	1,958	2,090	( <sup>2</sup> )	( <sup>5</sup> )	69	61	51	54	( <sup>2</sup> )
Other races	1,886	1,682	( <sup>2</sup> )	( <sup>5</sup> )	60	82	81	72	( <sup>2</sup> )
Arizona	1,287	1,075	1,022	( <sup>5</sup> )	94	81	121	99	95
Arkansas	1,919	1,912	1,641	( <sup>5</sup> )	51	47	54	51	46
White	1,385	1,431	( <sup>2</sup> )	( <sup>5</sup> )	50	47	52	50	( <sup>2</sup> )
Other races	534	481	( <sup>2</sup> )	( <sup>5</sup> )	56	49	62	55	( <sup>2</sup> )
California	5,070	4,450	4,367	60	59	50	54	44	42
White	4,784	4,187	( <sup>2</sup> )	69	67	49	53	43	( <sup>2</sup> )
Other races	286	263	( <sup>2</sup> )	66	80	77	94	53	( <sup>2</sup> )
Colorado	1,441	1,240	1,133	( <sup>5</sup> )	94	73	78	60	55
Connecticut	921	864	848	73	50	43	40	36	36
Delaware	278	234	193	91	78	66	64	53	40
District of Columbia	751	622	668	87	71	56	61	48	48
White	340	328	( <sup>2</sup> )	07	52	41	41	37	( <sup>2</sup> )
Other races	411	294	( <sup>2</sup> )	132	110	96	101	71	( <sup>2</sup> )
Florida	1,765	1,802	1,821	74	64	62	60	58	59
White	906	1,055	( <sup>2</sup> )	60	50	50	47	48	( <sup>2</sup> )
Other races	799	747	( <sup>2</sup> )	106	65	88	89	80	( <sup>2</sup> )
Georgia	3,952	4,376	3,791	( <sup>5</sup> )	77	68	82	68	59
White	1,999	2,297	( <sup>2</sup> )	( <sup>5</sup> )	65	60	52	59	( <sup>2</sup> )
Other races	1,953	2,079	( <sup>2</sup> )	( <sup>5</sup> )	67	81	76	81	( <sup>2</sup> )
Idaho	453	503	503	( <sup>5</sup> )	67	51	44	45	45
Illinois	4,967	5,016	4,431	73	66	46	43	41	37
Indiana	2,789	2,560	2,201	68	58	51	50	43	39
Iowa	1,862	1,752	1,698	66	64	47	44	41	39
Kansas	1,302	1,272	1,160	62	63	50	44	43	39
Kentucky	3,321	3,794	3,164	70	65	59	59	61	52
White	3,002	3,486	( <sup>2</sup> )	67	62	57	57	59	( <sup>2</sup> )
Other races	319	308	( <sup>2</sup> )	120	122	90	103	96	( <sup>2</sup> )
Louisiana	3,020	3,278	3,067	( <sup>5</sup> )	78	69	69	67	62
White	1,426	1,549	( <sup>2</sup> )	( <sup>5</sup> )	62	58	54	64	( <sup>2</sup> )
Other races	1,594	1,729	( <sup>2</sup> )	( <sup>5</sup> )	103	85	82	86	( <sup>2</sup> )
Maine	996	856	780	76	63	65	65	56	52
Maryland	1,705	1,616	1,414	90	75	62	61	56	50
White	1,094	1,062	( <sup>2</sup> )	76	63	52	50	47	( <sup>2</sup> )
Other races	611	554	( <sup>2</sup> )	146	121	99	102	88	( <sup>2</sup> )
Massachusetts	2,723	2,446	2,352	73	60	48	44	40	39
Michigan	4,386	4,320	3,921	75	63	48	48	45	42
Minnesota	1,961	1,940	1,780	60	62	45	41	39	35
Mississippi	3,066	3,042	2,961	68	68	54	59	57	( <sup>2</sup> )
White	1,162	1,215	( <sup>2</sup> )	53	51	48	50	50	( <sup>2</sup> )
Other races	1,904	1,827	( <sup>2</sup> )	83	83	59	66	62	( <sup>2</sup> )
Missouri	3,219	3,018	2,641	( <sup>5</sup> )	59	57	57	52	45
Montana	518	486	530	71	58	60	51	48	48
Nebraska	937	815	816	68	49	41	42	36	37
Nevada	70	90	83	( <sup>5</sup> )	68	71	40	48	43
New Hampshire	367	373	365	76	61	54	48	48	46
New Jersey	2,154	2,216	2,104	69	56	46	39	40	38
New Mexico	1,711	1,554	1,554	( <sup>5</sup> )	145	129	124	109	109
New York	8,369	7,698	7,337	68	59	48	45	41	39
North Carolina	5,180	5,487	4,616	79	79	69	66	69	58
White	3,030	3,261	( <sup>2</sup> )	67	67	60	56	60	( <sup>2</sup> )
Other races	2,150	2,226	( <sup>2</sup> )	105	105	89	85	87	( <sup>2</sup> )
North Dakota	662	649	643	72	62	50	52	50	49
Ohio	5,332	4,878	4,602	70	61	50	50	43	40
Oklahoma	2,345	2,167	2,094	( <sup>2</sup> )	61	55	57	49	48
White	1,984	1,819	( <sup>2</sup> )	( <sup>2</sup> )	57	51	53	46	( <sup>2</sup> )
Other races	361	348	( <sup>2</sup> )	( <sup>2</sup> )	108	104	94	83	( <sup>2</sup> )
Oregon	642	636	612	61	50	41	42	39	37

<sup>1</sup> Provisional figures,  
<sup>2</sup> Not available.

<sup>3</sup> See note 4, table 86.  
<sup>4</sup> See note 5, table 86.

<sup>5</sup> Not in the birth registration area.

No. 90.—DEATHS OF INFANTS UNDER 1 YEAR OF AGE, 1937 TO 1939, AND DEATH RATES PER 1,000 BIRTHS, 1925 TO 1939, BY STATES—Continued

AREA	NUMBER OF INFANT DEATHS			DEATHS OF INFANTS UNDER 1 YEAR OF AGE PER 1,000 LIVE BIRTHS					
	1937	1938	1939 <sup>1</sup>	1925	1930	1935	1937	1938	1939 <sup>1</sup>
	Pennsylvania.....	8,109	7,623	7,336	82	68	51	50	46
Rhode Island.....	487	462	414	73	62	47	48	44	40
South Carolina.....	3,074	3,803	2,826	( <sup>2</sup> )	89	79	76	80	66
White.....	1,238	1,311	( <sup>2</sup> )	( <sup>2</sup> )	60	62	63	64	( <sup>2</sup> )
Other races.....	1,836	1,992	( <sup>2</sup> )	( <sup>2</sup> )	108	96	88	96	( <sup>2</sup> )
South Dakota.....	608	518	489	( <sup>2</sup> )	( <sup>2</sup> )	62	51	44	43
Tennessee.....	3,171	3,405	2,901	( <sup>2</sup> )	76	64	61	63	54
White.....	2,485	2,722	( <sup>2</sup> )	( <sup>2</sup> )	69	60	57	60	( <sup>2</sup> )
Other races.....	686	683	( <sup>2</sup> )	( <sup>2</sup> )	115	84	85	85	( <sup>2</sup> )
Texas.....	8,575	7,889	8,099	( <sup>2</sup> )	( <sup>2</sup> )	72	74	65	67
White.....	7,295	6,718	( <sup>2</sup> )	( <sup>2</sup> )	70	71	63	63	( <sup>2</sup> )
Other races.....	1,280	1,171	( <sup>2</sup> )	( <sup>2</sup> )	63	83	92	79	( <sup>2</sup> )
Utah.....	526	618	512	56	57	49	41	47	39
Vermont.....	313	305	295	72	65	49	49	48	46
Virginia.....	3,619	3,540	3,228	81	77	70	70	66	61
White.....	2,180	2,193	( <sup>2</sup> )	68	65	59	59	57	( <sup>2</sup> )
Other races.....	1,439	1,347	( <sup>2</sup> )	111	107	96	95	90	( <sup>2</sup> )
Washington.....	998	1,035	975	56	49	45	40	30	37
West Virginia.....	2,610	2,643	2,265	80	81	61	62	62	55
Wisconsin.....	2,324	2,301	2,171	67	56	46	43	42	40
Wyoming.....	252	256	220	64	69	51	56	52	44
Total for area having birth registration in 1917 <sup>3</sup> .....	55,992	54,143	49,865	73	63	52	50	47	44

<sup>1</sup> Provisional figures.<sup>2</sup> Not in the birth registration area.<sup>3</sup> Not available.<sup>4</sup> Exclusive of Rhode Island.

No. 91.—DEATH RATES PER 1,000 BIRTHS, FOR INFANTS UNDER 1 YEAR OF AGE, FOR BIRTH-REGISTRATION AREA, BY PRINCIPAL CAUSES OF DEATH: 1920 TO 1938

NOTE.—See general note, p. 83

CAUSE OF DEATH	DEATHS UNDER 1 YEAR OF AGE PER 1,000 LIVE BIRTHS												
	Registration area <sup>1</sup>						Registration area as of 1917 (exclusive of Rhode Island)						
	1920	1925	1930	1935	1936	1937	1938	1920	1925	1930	1935	1937	1938
All causes.....	85.8	71.7	64.6	55.7	57.1	54.4	51.0	86.1	72.8	63.1	52.3	50.4	47.0
Measles.....	1.0	.3	.4	.4	.1	.2	.3	1.0	.4	.3	.4	.1	.3
Scarlet fever.....	.1	.1	.1	.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.1	.1	.1	.1	( <sup>2</sup> )	( <sup>2</sup> )
Whooping cough.....	3.0	1.8	1.5	1.4	.8	1.4	1.4	3.9	1.6	1.4	1.3	1.3	1.0
Diphtheria <sup>3</sup> .....	.5	.3	.2	.1	.1	.1	.1	.5	.3	.2	.1	.1	.1
Influenza and pneumonia (lobar and unspecified).....	5.9	4.4	3.8	3.6	4.0	3.8	3.0	5.7	4.4	3.6	3.1	3.1	2.5
Dysentery.....	.4	.3	.4	.4	.5	.5	.5	.3	.3	.3	.2	.3	.3
Erysipelas.....	.4	.3	.3	.3	.2	.1	.1	.4	.4	.4	.3	.1	.1
Tetanus.....	.1	.1	.1	.1	.1	.1	.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Tuberculosis (all forms).....	1.0	.6	.5	.3	.3	.3	.2	1.0	.7	.5	.3	.3	.2
Syphilis.....	.9	.7	.8	.7	.7	.7	.6	.8	.7	.7	.5	.5	.4
Convulsions.....	1.0	.7	.4	.3	.3	.2	.2	1.0	.7	.4	.3	.2	.1
Bronchitis and bronchopneumonia.....	6.6	7.7	6.8	5.8	6.1	5.6	5.1	10.1	8.0	7.2	5.8	5.6	4.9
Diseases of the stomach <sup>4</sup> .....	1.2	.6	.3	.2	.2	.2	.2	1.1	.6	.3	.2	.1	.1
Diarrhea and enteritis <sup>5</sup> .....	14.9	11.2	7.8	4.9	5.7	5.3	5.0	15.2	11.2	7.5	4.0	4.1	4.1
Congenital malformations.....	6.2	6.2	5.3	4.8	4.9	4.6	4.5	6.4	6.3	5.0	3.5	5.2	5.1
Congenital debility and other diseases of early infancy.....	7.7	5.9	4.7	3.9	3.9	3.8	3.7	7.7	6.1	4.8	3.7	3.5	3.4
Premature birth.....	19.4	17.2	16.7	15.4	15.7	15.3	14.3	19.1	17.6	16.8	15.6	15.4	14.5
Injury at birth.....	3.7	4.6	4.8	4.5	4.5	4.4	4.4	3.9	4.9	5.3	4.8	4.6	4.6
External causes.....	1.0	1.0	1.1	1.0	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Unknown or ill-defined diseases.....	2.5	2.2	4.0	3.4	3.3	3.0	2.8	2.5	2.0	2.0	1.2	1.0	.9
All other causes.....	5.4	5.2	4.5	4.2	4.3	3.8	3.6	5.3	5.4	4.6	4.1	3.7	3.4

<sup>1</sup> In continental United States.<sup>2</sup> Less than one-tenth of 1 per 1,000 live births.<sup>3</sup> Includes group in 1920.<sup>4</sup> Excludes ulcer of the duodenum in 1920.<sup>5</sup> Includes ulcer of the duodenum in 1920.

Source of tables 90 and 91: Department of Commerce, Bureau of the Census; Vital Statistics—Special Reports, Vol. 9, Nos. 44, 46, 47, and 50, and Vol. 8, No. 51, respectively.

No. 92.—DEATH RATES PER 1,000 BIRTHS, FOR INFANTS UNDER 1 YEAR OF AGE, BY AGE GROUPS, FOR BIRTH-REGISTRATION AREA: 1920 TO 1938

NOTE.—See general note, p. 83

AGE	DEATHS UNDER 1 YEAR OF AGE PER 1,000 LIVE BIRTHS													
	Registration area <sup>1</sup>							Registration area as of 1917 (exclusive of Rhode Island)						
	1920	1925	1930	1935	1936	1937	1938	1920	1925	1930	1935	1937	1938	
Total under 1 year.....	86.8	71.7	64.6	55.7	57.1	54.4	51.0	86.1	72.8	63.1	52.3	50.4	47.0	
Under 1 day.....	14.8	15.0	15.0	15.0	15.1	14.7	14.1	14.8	15.0	14.9	14.8	14.6	14.1	
1 day.....	4.6	4.2	4.2	3.7	3.9	3.7	3.6	4.6	4.3	4.2	3.7	3.7	3.5	
2 days.....	3.4	3.2	2.9	2.4	2.5	2.3	2.3	3.4	3.2	2.9	2.4	2.3	2.3	
3 to 6 days.....	6.4	5.8	5.1	4.4	4.3	4.0	3.7	6.4	5.9	5.0	4.2	3.7	3.4	
1 week.....	5.4	4.4	3.9	3.2	3.0	2.9	2.6	5.4	4.5	3.8	2.9	2.7	2.4	
2 weeks.....	3.8	2.9	2.5	2.0	2.0	1.9	1.8	3.8	3.0	2.5	1.9	1.8	1.6	
3 weeks.....	3.1	2.3	2.1	1.8	1.8	1.7	1.5	3.1	2.4	2.1	1.6	1.6	1.4	
Under 1 month.....	41.5	37.8	35.7	32.4	32.6	31.3	29.6	41.5	38.3	35.4	31.6	30.3	28.7	
1 month.....	7.3	5.8	5.3	4.4	4.4	4.3	3.9	7.2	5.9	5.1	4.0	4.0	3.5	
2 months.....	5.7	4.6	4.2	3.5	3.6	3.5	3.2	5.7	4.7	4.1	3.2	3.1	2.8	
3 to 5 months.....	13.1	10.3	8.8	7.1	7.7	7.2	6.7	13.2	10.5	8.4	6.2	6.2	5.6	
6 to 8 months.....	10.0	7.4	6.2	4.8	5.1	4.8	4.4	10.1	7.5	5.9	4.1	4.0	3.7	
9 to 11 months.....	8.3	5.8	4.6	3.5	3.6	3.4	3.2	8.5	5.9	4.3	3.1	2.9	2.6	

<sup>1</sup> In continental United States.

No. 93.—BIRTHS AND DEATHS IN HAWAII, PUERTO RICO, AND VIRGIN ISLANDS

	HAWAII					PUERTO RICO		VIRGIN ISLANDS			
	1925	1930	1935	1937	1938	1937	1938	1936	1935	1937	1938
Number:											
Births.....	( <sup>1</sup> )	10,814	9,196	8,983	9,062	( <sup>1</sup> )	( <sup>1</sup> )	592	656	725	703
Deaths.....	4,108	3,865	3,306	3,547	3,224	37,129	33,874	484	492	498	488
Excess of births over deaths.....	( <sup>1</sup> )	6,949	5,890	5,436	5,838	( <sup>1</sup> )	( <sup>1</sup> )	108	164	227	215
Rate per 1,000 population:											
Births.....	( <sup>1</sup> )	29.4	23.8	22.5	22.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Deaths.....	13.0	10.5	8.6	8.9	8.0	20.9	18.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Excess of births over deaths.....	( <sup>1</sup> )	18.7	15.2	13.6	14.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Deaths under 1 year of age:											
Number.....	1,416	890	622	619	531	9,361	8,448	71	112	90	93
Per 1,000 live births.....	( <sup>1</sup> )	82	68	69	59	( <sup>1</sup> )	( <sup>1</sup> )	120	171	124	132

<sup>1</sup> Not in the birth-registration area.

<sup>2</sup> Population estimates not available.

No. 94.—HOMICIDES AND SUICIDES, FOR CITIES HAVING 100,000 POPULATION OR MORE IN 1900: 1900 TO 1938

YEAR	Estimated population July 1 (thousands)	HOMICIDES		SUICIDES		YEAR	Estimated population July 1 (thousands)	HOMICIDES		SUICIDES	
		Number	Rate per 100,000 population	Number	Rate per 100,000 population			Number	Rate per 100,000 population	Number	Rate per 100,000 population
1900.....	14,134	481	3.4	2,000	14.9	1904.....	24,897	2,682	10.8	3,855	15.5
1905.....	16,104	683	6.1	3,120	19.4	1925.....	25,339	2,808	11.1	4,000	15.8
1910.....	18,523	1,479	8.0	3,743	20.2	1926.....	25,831	2,715	10.5	4,264	16.5
1912.....	19,413	1,504	7.7	3,898	19.9	1927.....	26,338	2,771	10.5	4,492	17.1
1913.....	19,847	1,702	8.6	3,957	19.9	1928.....	26,815	2,748	10.2	4,799	17.9
1914.....	20,273	1,715	8.5	4,351	21.5	1929.....	27,283	2,674	9.8	4,996	18.3
1915.....	20,730	1,698	8.2	4,455	21.5	1930.....	27,769	2,806	10.3	5,587	20.1
1916 <sup>1</sup> .....	21,022	1,788	8.5	4,892	23.5	1931.....	28,259	2,924	10.3	5,668	20.1
1917.....	21,616	2,061	9.5	3,816	17.7	1932.....	28,251	2,868	10.2	6,059	21.4
1918.....	22,039	1,865	8.5	3,561	16.2	1933.....	28,494	2,865	10.1	5,571	19.6
1919.....	22,563	2,006	8.9	3,229	14.3	1934.....	( <sup>2</sup> )	2,600	( <sup>2</sup> )	5,044	( <sup>2</sup> )
1920.....	23,010	1,930	8.4	2,910	12.6	1935.....	( <sup>2</sup> )	2,408	( <sup>2</sup> )	4,762	( <sup>2</sup> )
1921.....	23,463	2,168	9.2	3,731	15.9	1936.....	( <sup>2</sup> )	2,121	( <sup>2</sup> )	4,297	( <sup>2</sup> )
1922.....	23,936	2,211	9.2	3,626	15.1	1937.....	( <sup>2</sup> )	2,062	( <sup>2</sup> )	4,479	( <sup>2</sup> )
1923.....	24,411	2,435	10.0	3,692	15.1	1938.....	( <sup>2</sup> )	1,713	( <sup>2</sup> )	4,568	( <sup>2</sup> )

<sup>1</sup> Excludes Memphis, Tenn.

<sup>2</sup> Population estimates not available.

Source of tables 92, 93, and 94: Dept. of Commerce, Bureau of Census: Vital Statistics—Special Reports, Vol. 9, No. 37 and Vol. 8, Nos. 52, 53, and 54, and Vital Statistics of the U. S., 1938, Part I, respectively.

**No. 95.—BIRTH- AND DEATH-REGISTRATION AREAS—STATES INCLUDED AND YEAR WHEN ADMITTED: 1880 TO 1933**

**NOTE.**—In each year prior to 1933, the death registration area included besides the registration States, as given below, a number of cities in nonregistration States. Beginning with 1933, all States have been included in both the birth and death registration areas

DEATH REGISTRATION STATES AND TERRITORIES				BIRTH REGISTRATION STATES AND TERRITORIES			
State	Year	State	Year	State	Year	State	Year
Massachusetts	1880	Kansas	1914	Connecticut	1915	New Jersey	1921
New Jersey		South Carolina	1916	Maine		Illinois	1922
Dist. of Col.		Tennessee	1917	Massachusetts		Montana	
Connecticut	Illinois	1918	Michigan	Wyoming			
Delaware <sup>1</sup>	Louisiana		Florida	Minnesota	Florida	1924	
New Hampshire	Oregon		New Hampshire	New York	Iowa		
New York	Florida	New York	Pennsylvania	North Dakota	1925		
Rhode Island	Mississippi	Rhode Island <sup>2</sup>	Nebraska	West Virginia			
Vermont	Georgia <sup>4</sup>	Vermont	Idaho	Arizona		1926	
Maine	Idaho	Dist. of Col.	Wyoming	Idaho			
Michigan	Wyoming	Maryland	Indiana	Alabama	1927		
Indiana	Iowa	Indiana	Kansas	Arkansas			
California	North Dakota	Kansas	Kentucky	Louisiana		1928	
Colorado	Alabama	West Virginia	North Carolina	Missouri			
Maryland	West Virginia	Arizona	Ohio	Tennessee	1929		
Pennsylvania	Arizona	Arkansas	Utah	Colorado			
South Dakota <sup>3</sup>	Arkansas	Oklahoma	Virginia	Georgia		1932	
Washington	Oklahoma	Nevada	Washington	Oklahoma			
Wisconsin	Nevada	New Mexico	Wisconsin	Nevada	1929		
Ohio	New Mexico	Texas	California	New Mexico			
Minnesota	Texas	Hawaii	Oregon	South Dakota		1933	
Montana	Hawaii	Virgin Islands	South Carolina <sup>5</sup>	Texas			
North Carolina <sup>3</sup>	Virgin Islands	Puerto Rico	Nebraska	Virgin Islands	1924		
Utah	Puerto Rico		Delaware	Hawaii	1929		
Kentucky			Mississippi				
Missouri							
Virginia							

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

**No. 96.—MARRIAGES, DIVORCES, AND ANNULMENTS, CONTINENTAL UNITED STATES: 1887 TO 1937**

YEAR	MARRIAGES <sup>1</sup>		DIVORCES <sup>1</sup>		YEAR	MARRIAGES <sup>1</sup>		DIVORCES <sup>1</sup>		Number of annulments <sup>2</sup>
	Number	Per 1,000 population <sup>3</sup>	Number	Per 1,000 population <sup>3</sup>		Number	Per 1,000 population <sup>3</sup>	Number	Per 1,000 population <sup>3</sup>	
1887	482,680	8.7	27,019	.5	1913	1,021,398	10.6	491,307	.9	---
1888	504,373	8.8	28,669	.5	1914	1,025,092	10.5	410,584	1.0	---
1889	530,937	9.1	31,735	.5	1915	1,007,505	10.1	404,298	1.0	---
1890	542,307	9.0	33,461	.5	1916	1,075,775	10.7	414,000	1.1	---
1891	562,004	9.2	35,540	.6	1917	1,144,200	11.2	421,564	1.2	---
1892	577,335	9.1	36,579	.6	1918	1,000,109	9.7	416,254	1.1	---
1893	578,457	9.0	37,408	.6	1919	1,150,186	11.0	414,527	1.3	---
1894	565,798	8.6	37,568	.6	1920	1,274,476	12.0	4170,595	1.6	---
1895	598,633	8.9	40,387	.6	1921	1,163,863	10.8	4159,580	1.5	---
1896	613,719	9.0	42,937	.6	1922	1,134,151	10.3	4148,815	1.4	---
1897	622,112	8.9	44,099	.6	1923	1,229,784	11.0	4165,096	1.5	---
1898	625,258	8.8	47,849	.7	1924	1,184,574	10.5	4170,952	1.5	---
1899	650,585	9.0	51,437	.7	1925	1,188,334	10.3	4175,449	1.5	---
1900	685,101	9.3	55,751	.7	1926	1,202,574	10.3	4180,853	1.6	3,825
1901	716,287	9.6	60,984	.8	1927	1,201,053	10.2	4192,037	1.6	4,255
1902	746,364	9.8	61,480	.8	1928	1,182,497	9.9	4195,939	1.6	4,237
1903	785,926	10.1	64,925	.8	1929	1,232,559	10.1	4201,468	1.7	4,408
1904	780,856	9.9	66,199	.8	1930	1,126,856	9.1	4191,691	1.6	4,370
1905	804,016	10.0	67,976	.8	1931	1,060,914	8.6	4183,664	1.5	4,339
1906	853,079	10.5	72,062	.9	1932	981,903	7.9	4160,338	1.3	3,903
1907	936,936	10.7	76,571	.9	1933	1,098,000	8.7	4165,000	1.3	---
1908	867,461	9.6	76,852	.9	1934	1,302,000	10.3	4204,000	1.6	---
1909	897,364	9.9	79,671	.9	1935	1,327,000	10.4	4218,000	1.7	---
1910	948,166	10.3	83,045	.9	1936	1,369,000	10.7	4236,000	1.8	---
1911	955,287	10.2	80,219	1.0	1937	1,426,000	11.0	4250,000	1.9	---
1912	1,004,602	10.6	84,318	1.0						

<sup>1</sup> For years prior to 1907, exclusive of data for counties for which returns were lacking or incomplete.  
<sup>2</sup> Statistics for annulments were collected for the first time in 1926.  
<sup>3</sup> Based on estimated midyear population. See note 1.    <sup>4</sup> Estimated.  
<sup>5</sup> Including estimates for 106 counties which failed to make returns.  
<sup>6</sup> Including estimates for 95 counties which failed to make returns.  
<sup>7</sup> Estimates by Samuel A. Stouffer and Lyle M. Spencer, published in the American Journal of Sociology, January 1939, pp. 551-554.

Source: Dept. of Commerce, Bureau of Census—table 95, annual reports on Mortality Statistics and Births, Stillbirths, and Infant Mortality; table 96, annual reports on Marriage and Divorce, 1931 and 1932, except as noted; Vital Statistics—Special Reports, Vol. 9, No. 60.



No. 97.—MARRIAGES, DIVORCES, AND ANNULMENTS, BY STATES: 1931 AND 1932

NOTE.—The Bureau of the Census has not collected data since 1932. For estimates for the United States, 1933 to 1937, see table 90

DIVISION AND STATE	MARRIAGES				DIVORCES				Number of annulments	
	Number		Per 1,000 unmarried population 15 yrs. and over <sup>1</sup>		Number		Per 1,000 married population <sup>1</sup>			
	1931	1932	1931	1932	1931	1932	1931	1932	1931	1932
Continental U. S.....	1,060,914	981,903	30.9	28.3	193,684	160,338	3.5	3.0	4,339	3,908
New England.....	55,284	49,453	21.6	19.3	7,937	7,626	2.3	2.2	90	98
Maine.....	6,234	5,564	27.8	24.8	1,342	1,219	3.9	3.5	5	17
New Hampshire.....	5,535	5,437	39.5	38.8	660	629	3.3	3.1	10	0
Vermont.....	2,554	2,405	24.6	23.1	325	365	2.1	2.4	2	2
Massachusetts.....	26,296	22,817	19.0	16.4	3,585	3,543	2.0	2.0	60	66
Rhode Island.....	4,635	4,080	21.5	18.8	674	730	2.4	2.6		
Connecticut.....	10,030	9,160	20.6	18.7	1,351	1,140	2.0	1.6	15	14
Middle Atlantic.....	200,006	183,590	25.4	23.1	15,494	13,437	1.4	1.2	1,192	1,141
New York.....	114,322	104,665	28.9	26.2	5,091	4,886	.9	.9	1,040	1,025
New Jersey.....	26,458	22,840	22.3	19.1	3,152	2,738	1.7	1.5	89	75
Pennsylvania.....	59,826	56,085	21.9	20.4	7,241	5,815	1.8	1.4	54	41
East North Central.....	196,650	173,443	27.9	24.4	46,551	39,420	4.1	3.4	608	377
Ohio.....	43,004	29,663	23.6	16.2	13,312	11,176	4.4	3.7	82	58
Indiana.....	38,372	36,105	45.2	42.4	7,278	6,322	4.8	4.2	84	76
Illinois.....	71,634	65,088	31.9	28.7	13,893	11,745	4.0	3.4	204	131
Michigan.....	28,856	28,552	22.5	22.0	9,425	7,821	4.3	3.5	76	64
Wisconsin.....	14,784	14,035	17.5	16.5	2,643	2,356	2.1	1.9	62	48
West North Central.....	107,337	99,950	28.7	26.7	22,531	19,443	9.9	8.4	172	162
Minnesota.....	19,207	17,346	24.5	22.0	2,807	2,473	2.7	2.4	23	11
Iowa.....	14,190	8,014	20.8	11.7	4,117	3,359	3.8	3.1	27	21
Missouri.....	33,971	35,158	33.7	34.7	8,094	7,887	5.4	4.7	44	52
North Dakota.....	3,633	3,600	18.4	18.3	487	370	1.9	1.5	10	8
South Dakota.....	6,995	7,185	36.4	37.4	753	662	2.7	2.4	12	4
Nebraska.....	11,030	11,757	29.3	31.2	1,531	1,454	2.6	2.4	29	46
Kansas.....	18,311	16,800	36.8	33.8	3,842	3,244	4.5	3.8	27	20
South Atlantic.....	159,853	149,909	38.4	35.9	14,573	12,397	2.3	1.9	203	228
Delaware.....	1,013	902	14.7	13.1	181	176	1.7	1.7	8	6
Maryland.....	24,703	22,779	51.8	47.6	2,014	1,714	2.9	2.4	20	13
Dist. of Columbia.....	5,316	4,947	31.3	29.1	215	140	1.0	.6	4	48
Virginia.....	25,295	24,626	38.7	37.7	3,130	2,613	3.3	2.7	34	19
West Virginia.....	18,173	18,480	43.9	44.3	1,599	1,201	2.3	1.7	43	35
North Carolina.....	13,130	11,614	16.5	14.5	1,525	1,311	1.3	1.1	16	10
South Carolina.....	26,404	25,513	60.1	58.1					19	20
Georgia.....	28,483	25,747	37.7	34.1	2,346	2,153	2.1	1.9	33	38
Florida.....	17,336	15,301	44.8	39.0	3,563	3,089	5.3	4.6	26	24
East South Central.....	101,480	97,530	41.5	39.8	14,098	12,254	3.5	3.0	46	31
Kentucky.....	34,250	31,689	53.8	49.6	4,472	3,985	4.1	3.6	22	13
Tennessee.....	19,696	18,051	29.7	27.1	4,669	4,191	4.3	3.8	13	9
Alabama.....	25,945	25,102	39.6	38.1	2,942	2,166	2.8	2.0	7	3
Mississippi.....	21,589	22,688	44.7	46.7	2,015	1,912	2.4	2.3	4	6
West South Central.....	119,110	118,933	39.1	38.8	27,766	25,477	5.4	4.9	289	297
Arkansas.....	24,637	25,802	56.8	59.6	3,476	3,010	4.4	5.0	8	14
Louisiana.....	20,167	19,127	36.5	34.4	1,601	1,404	1.9	1.6	17	19
Oklahoma.....	33,923	33,935	60.5	60.1	6,901	5,991	6.6	5.7	143	127
Texas.....	40,483	40,069	27.0	26.5	15,788	14,172	6.3	5.6	121	137
Mountain.....	47,844	43,264	48.1	43.3	13,223	11,050	8.5	7.1	264	212
Montana.....	5,062	4,970	432.2	31.6	1,253	1,022	5.7	4.6	24	25
Idaho.....	2,263	1,526	19.9	13.4	961	806	5.2	4.3	16	15
Wyoming.....	1,244	777	20.1	12.5	653	598	6.7	6.2	13	9
Colorado.....	9,952	6,614	35.0	23.2	2,209	2,105	4.8	4.6	106	71
New Mexico.....	8,380	8,879	81.4	85.4	725	606	4.3	4.1	9	15
Arizona.....	7,675	7,642	65.3	65.3	1,125	848	6.2	4.6	38	33
Utah.....	5,738	5,708	45.2	45.1	1,037	936	5.1	4.9	24	17
Nevada.....	7,630	7,088	246.1	228.6	5,280	3,980	134.9	102.3	34	27
Pacific.....	72,750	65,831	28.3	25.2	21,501	19,284	5.8	4.9	1,576	1,357
Washington.....	17,886	15,999	38.4	34.2	3,971	3,434	5.5	4.8	49	65
Oregon.....	7,339	6,668	25.9	23.4	2,417	1,703	5.4	3.8	27	25
California.....	47,525	43,164	26.0	23.2	15,113	14,097	5.7	5.2	1,490	1,297

<sup>1</sup> Based on estimated population for given year.

<sup>2</sup> Number of licenses issued.

<sup>3</sup> No divorces are granted in South Carolina.

<sup>4</sup> Based on population as of Apr. 1, 1930; no estimate made.

Source: Dept. of Commerce, Bur. of Census; annual reports on Marriage and Divorce, 1931 and 1932, and Vital Statistics—Special Reports, Vol. 9, No. 60.

# IMMIGRATION, EMIGRATION, AND NATURALIZATION

## No. 98.—IMMIGRATION: 1821 TO 1939

GENERAL NOTE.—In compiling immigration and emigration statistics, Alaska, Hawaii, and Puerto Rico, beginning with 1904, 1901, and 1902, respectively, have been treated as integral parts of the United States. In prior years the transfer of population between these areas and the United States was treated as immigration and emigration. The movement of population between the Philippine Islands and the United States was treated as immigration and emigration prior to July 1, 1898, and has been so treated since May 1, 1934, but was not accounted for in the statistics for the period between those dates.

PERIOD OR YEAR ENDED		Number	YEAR		Number	YEAR		Number
1821-1830 <sup>1</sup>	143,439	1878	188	1890	448,572	1922	309,566	
1831-1840	599,125	1879	177,826	1901	487,918	1923	522,919	
1841-1850 <sup>2</sup>	1,713,251	1880	457,267	1902	648,743	1924	706,896	
1851-1860	2,598,214	1881	659,451	1903	857,046	1925	294,314	
1861-1870	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	3,687,664	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	751,576	1931	97,139	
1921-1930	4,107,200	1888	546,889	1910	1,041,570	1932	35,576	
		1889	444,427	1911	878,587	1933	23,068	
1900-1904	3,255,149	1890	455,302	1912	838,172	1934	29,470	
1905-1909	4,947,239	1891	560,319	1913	1,197,892	1935	34,956	
1910-1914	5,174,701	1892	579,663	1914	1,218,460	1936	36,329	
1915-1919	1,172,679	1893	439,730	1915	326,700	1937	50,244	
1920-1924	2,774,600	1894	285,631	1916	298,826	1938	67,895	
1925-1929	1,520,910	1895	258,536	1917	205,403	1939	82,998	
1930-1934	426,963	1896	345,267	1918	116,618	Calendar years:		
1935-1939	272,422	1897	230,832	1919	141,132			
1876	169,986	1898	229,299	1920	430,001	1937	62,613	
1877	141,857	1899	311,716	1921	805,228	1938	76,082	
						1939	73,564	

<sup>1</sup> Oct. 1, 1820, to Sept. 30, 1830.  
<sup>2</sup> Oct. 1, 1830, to Dec. 31, 1840.

<sup>3</sup> Calendar years.  
<sup>4</sup> Jan. 1, 1861, to June 30, 1870.

## No. 99.—ALIENS ADMITTED AND DEPARTED: 1910 TO 1939

PERIOD OR YEAR ENDED—	ADMITTED			DEPARTED			EXCESS OF ADMISSIONS OVER DEPARTURES <sup>1</sup>	
	Immigrant	Nonimmigrant	Total	Emigrant	Nonemigrant	Total	Immigrant over emigrant	Total
<b>June 30:</b>								
1910-1914, total	5,174,701	901,099	6,075,800	1,442,892	1,316,762	2,759,654	3,731,809	3,310,146
1915-1919, total	1,172,679	440,064	1,612,743	618,223	562,636	1,180,859	554,455	431,894
1920-1924, total	2,774,600	810,352	3,584,952	892,984	725,824	1,618,808	1,881,610	1,968,144
1925-1929, total	1,520,910	951,590	2,472,500	399,746	843,861	1,243,607	1,131,164	1,236,898
1930-1934, total	426,963	789,443	1,216,406	335,690	936,282	1,271,972	91,263	-55,576
1935-1939, total	272,422	851,110	1,123,532	153,248	877,661	1,030,939	119,174	62,933
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	309,550	122,949	432,505	198,712	146,672	345,384	110,844	87,121
1923	522,910	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	228,275
1929	279,678	199,649	479,327	69,203	183,295	252,498	210,475	226,820
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	220,034	290,916	35,257	-16,287
1932	35,576	139,295	174,871	103,295	184,362	287,657	-67,719	-112,786
1933	23,068	127,660	150,728	80,081	193,721	243,802	-57,013	-93,074
1934	29,470	134,434	163,904	39,771	137,401	177,172	-10,301	-13,268
1935	34,956	144,765	179,721	35,834	150,216	189,050	-3,878	-9,329
1936	36,329	154,570	190,899	35,817	157,467	193,284	5,512	-2,385
1937	50,244	181,040	231,884	26,736	197,846	224,582	23,508	7,302
1938	67,895	184,802	252,697	25,210	197,044	222,614	42,685	39,083
1939	82,998	185,333	268,331	26,651	174,758	201,409	56,347	60,922
<b>Dec. 31:</b>								
1938	76,082	171,169	247,251	25,036	182,704	207,740	51,046	39,511
1939	73,564	185,388	258,952	26,350	181,367	207,717	47,214	51,235

<sup>1</sup> Excess of departures indicated by a minus sign.

Source of tables 98 and 99: Department of Labor, Immigration and Naturalization Service; Annual Report of Secretary, mimeographed releases, and records.

## No. 100.—ALIENS DEBARRED AND DEPORTED: 1900 TO 1939

PERIOD OR YEAR ENDED JUNE 30	Debarred	Deported	YEAR ENDED JUNE 30	Debarred	Deported	Deportable aliens voluntarily departed	Indigent aliens returned at their request
1900-1904, total.....	20,499	2,510	1929.....	18,127	12,908	25,888	-----
1905-1909, total.....	58,688	6,709	1930.....	8,233	16,631	11,387	-----
1910-1914, total.....	115,655	16,010	1931.....	9,744	18,142	11,719	541
1915-1919, total.....	74,929	11,835	1932.....	7,064	19,420	10,775	2,037
1920-1924, total.....	90,208	21,694	1933.....	5,527	19,865	10,347	1,046
1925-1929, total.....	102,601	56,594	1934.....	5,384	8,879	8,040	446
1930-1934, total.....	35,952	82,943	1935.....	5,558	8,319	7,978	114
1935-1939, total.....	102,601	43,820	1936.....	7,000	9,195	8,251	180
1920.....	20,550	10,904	1937.....	8,076	8,329	8,788	1,40
1927.....	19,755	11,662	1938.....	8,066	9,275	9,278	1,070
1928.....	18,839	11,625	1939.....	6,498	8,202	9,590	1,825

<sup>1</sup> Does not include 157 Filipinos returned at their own request in 1936, 680 in 1937, 502 in 1938, and 392 in 1939.

No. 101.—IMMIGRANT ALIENS ADMITTED, BY SEX, AGE, OCCUPATION, ILLITERACY, AND AMOUNT OF MONEY BROUGHT; EMIGRANT ALIENS DEPARTED, BY SEX, AGE, AND OCCUPATION: YEARS ENDED JUNE 30, 1920 TO 1939

	1920-1924, total	1925-1929, total	1930-1934, total	1935-1939, total	1937	1938	1939
Admissions, total.....	2,774,600	1,520,910	426,953	272,422	50,244	67,895	82,998
Males.....	1,577,496	836,091	192,884	119,832	21,064	29,959	39,423
Females.....	1,197,104	684,819	234,069	152,590	28,580	37,936	43,575
Males per 1,000 females.....	1,318	1,221	824	785	758	790	905
Under 16 years.....	516,293	247,373	74,398	44,520	8,326	10,181	12,204
16 to 44 years.....	2,003,466	1,135,903	301,084	181,158	33,907	47,008	54,235
45 years and over.....	254,841	137,634	51,471	46,735	8,011	10,046	16,559
Illiterates, number <sup>1</sup> .....	75,231	20,556	8,180	5,786	1,278	1,317	1,002
Percent.....	2.7	1.4	1.9	2.1	2.5	1.9	1.2
Reporting occupations—							
Professional.....	79,309	53,053	20,958	21,715	4,162	5,463	7,225
Skilled.....	510,236	280,107	67,507	32,567	6,007	8,007	10,231
Unskilled.....	954,418	505,119	97,980	33,846	6,400	10,509	9,137
Farmers.....	74,973	51,001	12,238	4,674	852	1,508	1,186
Farm laborers.....	111,683	101,120	17,779	2,134	878	609	415
Common laborers.....	466,575	194,587	24,025	8,166	1,740	2,208	1,855
Servants.....	288,109	149,447	41,400	17,914	3,213	5,919	5,420
Other unskilled.....	13,178	8,964	2,538	928	217	265	261
Commercial <sup>2</sup> .....	95,024	27,535	10,723	23,027	3,655	5,813	10,268
Miscellaneous.....	59,895	50,108	11,440	6,506	1,223	1,491	1,663
Bringing.....							
Less than \$50.....	954,147	549,474	112,955	60,997	14,321	17,847	17,542
\$50 or more.....	822,886	598,087	218,644	130,617	22,485	33,205	49,765
Amount brought (\$1,000).....	171,467	111,743	46,016	59,437	8,993	14,783	24,854
Departures, total.....	892,984	359,746	335,690	158,248	26,736	25,210	26,651
Males.....	682,170	278,709	215,614	94,612	16,434	15,417	16,600
Females.....	210,814	111,037	119,076	58,636	10,302	9,793	10,051
Males per 1,000 females.....	3,236	2,510	1,819	1,614	1,595	1,574	1,652
Under 16 years.....	39,260	18,493	26,118	10,087	1,927	1,609	1,381
16 to 44 years.....	935,980	285,080	226,108	94,860	16,069	15,048	16,047
45 years and over.....	217,724	85,573	83,464	48,271	8,740	8,558	9,223
Reporting occupations—							
Professional.....	14,657	13,991	12,426	8,502	1,426	1,502	1,709
Skilled.....	75,550	47,652	47,073	18,773	3,211	3,220	3,508
Unskilled.....	651,908	194,188	131,976	55,943	9,626	8,918	9,558
Farmers.....	30,083	7,110	7,463	3,573	680	525	683
Farm laborers.....	8,719	975	3,840	4,326	558	1,058	841
Common laborers.....	489,256	164,049	98,857	36,627	6,243	5,548	6,388
Servants.....	22,692	20,569	21,114	10,881	2,046	1,700	1,528
Other unskilled.....	1,158	855	702	536	99	87	118
Commercial <sup>1</sup> .....	21,739	13,453	11,687	7,244	1,322	1,121	1,180
Miscellaneous.....	23,486	14,021	12,207	3,958	640	550	608

<sup>1</sup> Unable to read or write in any language.

<sup>2</sup> Agents, bankers, hotel keepers, manufacturers, and merchants and dealers.

Source of tables 100 and 101: Department of Labor, Immigration and Naturalization Service; Annual Report of Secretary, mimeographed releases, and records.

## No. 102.—IMMIGRATION, BY COUNTRY OF ORIGIN, BY DECADES: 1841 TO 1930

NOTE.—For 1841 to 1867 figures represent alien passengers arriving; for 1868 to 1903, immigrants arriving; for 1904 to 1906, aliens admitted; thereafter, immigrant aliens admitted. Data prior to 1906 cover countries whence aliens came; thereafter, countries of last permanent residence. Owing to changes in the lists of countries separately reported and to changes in boundaries, data for certain countries are not comparable throughout. Countries added to the list since the beginning of the World War were therefor 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	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	3,697,564	3,795,398	5,735,811	4,107,206
Total Europe.....	1,697,601	2,462,680	2,065,270	2,272,262	4,737,046	3,568,978	3,136,016	4,376,564	2,477,863
Austria.....			7,800	72,969	353,719	592,707	2,145,266	453,649	32,868
Hungary.....							442,693		30,980
Belgium.....	5,074	4,738	6,734	7,221	20,177	18,167	41,635	33,746	15,846
Bulgaria <sup>1</sup> .....						180	30,280	22,532	2,945
Czechoslovakia.....							3,426		102,194
Denmark.....	539	3,749	17,094	31,771	88,132	50,231	65,285	41,933	32,430
Finland.....								7,566	16,601
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.....	10	31	72	210	2,308	15,979	167,519	184,201	51,084
Italy.....	1,870	9,231	11,726	55,759	307,309	651,893	2,045,877	1,109,524	455,315
Netherlands.....	8,251	10,789	9,102	16,641	53,701	26,758	48,262	43,718	26,948
Norway.....	13,903	20,931	71,631	95,323	176,586	95,015	190,505	96,395	68,531
Sweden.....			37,667	115,922	391,776	226,266	249,634	95,074	97,249
Poland <sup>2</sup> .....	105	1,164	2,027	12,970	51,806	90,720	4,813		227,734
Portugal.....	550	1,055	2,668	14,082	16,978	27,508	69,149	89,732	29,094
Rumania.....				11	6,348	12,750	53,008	13,311	67,646
Soviet Union (Russia).....	551	457	2,512	39,284	213,282	505,290	1,697,306	921,201	61,742
Spain.....	2,200	9,298	6,697	5,266	4,419	8,731	27,935	68,611	28,958
Switzerland.....	4,644	25,011	23,286	28,293	81,088	31,170	34,922	23,091	29,676
Turkey in Europe.....	59	83	129	337	1,582	3,628	79,976	54,677	14,659
United Kingdom.....	1,047,763	1,338,093	1,042,674	984,014	1,462,839	659,954	865,015	487,589	550,804
England.....	32,092	247,126	222,277	437,706	644,680	216,726	388,017	249,044	157,420
Ireland.....	780,719	914,119	435,778	436,871	655,482	388,416	339,065	146,181	220,661
Scotland.....	3,712	33,331	38,769	87,664	149,869	44,188	120,469	78,357	159,781
Wales.....	1,261	6,319	4,313	6,631	12,640	10,557	17,464	13,107	13,012
Not specified.....	229,970	132,199	341,537	16,142	168	67			
Yugoslavia.....								1,888	49,064
Other Europe.....	70	5	8	1,001	682	122	665	8,111	22,983
Total Asia <sup>3</sup> .....	82	41,456	64,630	123,623	66,380	71,236	243,587	192,569	97,400
China <sup>4</sup> .....	35	41,397	64,301	123,201	61,711	14,799	20,605	21,278	29,907
Japan <sup>5</sup> .....			136	140	2,270	25,942	129,797	83,837	33,462
Turkey in Asia <sup>6</sup> .....			2	67	2,220	26,709	77,393	79,389	19,165
Other Asia <sup>7</sup> .....	47	68	141	406	2,179	3,606	15,772	8,055	14,866
Total America <sup>8</sup> .....	62,469	74,720	166,607	404,044	426,967	38,972	361,888	1,148,671	1,616,716
Canada and Newfoundland <sup>9</sup> .....	41,723	59,309	153,878	383,640	393,304	3,311	179,226	742,135	924,515
Mexico <sup>10</sup> .....	3,271	3,078	2,191	5,162	1,913	971	49,642	219,004	460,287
Central America <sup>11</sup> .....	368	449	95	167	404	549	8,192	17,159	15,769
South America <sup>12</sup> .....	3,579	1,224	1,397	1,128	2,304	1,075	17,280	41,899	42,215
West Indies <sup>13</sup> .....	13,528	10,680	9,046	13,957	29,042	33,066	107,548	123,424	74,899
Other America.....									31
Africa <sup>14</sup> .....	55	210	312	358	857	350	7,368	8,443	6,286
Australia, Tasmania, and New Zealand.....			36	9,886	7,017	2,740	11,976	12,348	8,209
Pacific Islands (not specified).....				1,028	5,557	1,225	1,049	1,079	427
All other countries.....	53,144	29,169	17,969	790	789	14,063	93,523	1,147	228

<sup>1</sup> Jan. 1, 1861, to June 30, 1870.<sup>2</sup> Includes Serbia and Montenegro prior to 1920.<sup>3</sup> From 1899 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.<sup>4</sup> Includes Irish Free State. <sup>5</sup> Included in "All other countries" in 1892.<sup>6</sup> Included in "All other countries" in 1892; in "Other Asia" in 1893 and 1894.<sup>7</sup> Immigrants from Canada, Newfoundland, and Mexico not reported from 1886 to 1893, inclusive.<sup>8</sup> Included in "All other countries" in 1892 and 1893.<sup>9</sup> Includes 32,897 persons returning to their homes in the United States. After 1906 such aliens have been included in immigration statistics as nonimmigrants; prior to that year, aliens were recorded by countries whence they came (see headnote).

Source: Department of Labor, Immigration and Naturalization Service; mimeographed release.

NO. 103.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED,  
BY COUNTRY OF LAST OR OF FUTURE PERMANENT RESIDENCE: 1936 TO 1939

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

COUNTRY	FISCAL YEAR ENDED JUNE 30—								CALENDAR YEAR	
	1936		1937		1938		1939		1939	
	Ad- mitted	De- parted	Ad- mitted	De- parted	Ad- mitted	De- parted	Ad- mitted	De- parted	Ad- mitted	De- parted
<b>All countries, total</b> .....	<b>36,329</b>	<b>35,817</b>	<b>50,244</b>	<b>26,736</b>	<b>67,895</b>	<b>25,210</b>	<b>82,998</b>	<b>26,651</b>	<b>73,564</b>	<b>28,350</b>
<b>Europe, total</b> .....	<b>23,480</b>	<b>19,667</b>	<b>31,863</b>	<b>14,258</b>	<b>44,495</b>	<b>13,185</b>	<b>63,138</b>	<b>13,770</b>	<b>53,898</b>	<b>13,087</b>
Albania.....	224	65	222	24	254	46	229	31	122	27
Belgium.....	276	193	307	122	478	129	683	121	1,069	95
Bulgaria.....	91	70	93	35	123	26	129	36	100	30
Czechoslovakia.....	1,052	459	1,912	269	3,203	224	2,896	145	2,042	67
Denmark.....	162	232	203	266	366	223	306	199	297	191
Estonia.....	33	36	29	33	46	18	93	17	99	18
Finland.....	76	297	218	262	421	267	411	197	338	168
France.....	812	782	1,018	570	1,475	477	1,907	469	2,124	402
Germany.....	6,346	3,672	10,895	2,340	17,199	2,270	33,515	4,211	26,061	4,060
Austria.....	677	147	480	105						
<b>Great Britain:</b>										
England.....	1,028	2,862	1,377	2,276	1,890	2,034	2,739	1,639	3,237	1,427
Scotland.....	254	1,389	309	1,075	338	892	277	651	277	494
Wales.....	28	90	40	110	34	65	42	47	31	25
Greece.....	863	807	875	374	1,009	460	907	470	778	363
Hungary.....	559	216	739	149	973	119	1,348	124	1,568	155
Ireland (Eire).....	328	1,107	412	795	914	652	1,101	676	1,022	496
Italy.....	6,774	2,064	7,192	1,726	7,712	1,788	6,570	1,829	5,746	1,879
Latvia.....	58	33	92	15	125	20	168	18	254	14
Lithuania.....	129	95	193	105	305	99	290	43	298	35
Netherlands.....	342	216	646	234	698	209	1,259	165	1,818	157
Northern Ireland.....	116	245	119	242	171	168	88	158	93	119
Norway.....	287	617	427	580	635	506	527	455	500	426
Poland.....	869	442	1,212	422	2,403	400	3,072	315	1,701	184
Portugal.....	313	599	301	186	374	187	422	283	478	516
Rumania.....	244	277	349	180	346	152	421	126	396	114
<b>Soviet Union</b>										
(Russia).....	82	172	97	197	63	108	59	112	47	86
Spain.....	299	665	315	256	379	132	257	133	144	391
Sweden.....	196	1,085	341	731	385	976	342	557	401	608
Switzerland.....	266	235	462	160	617	171	1,237	163	1,411	156
Yugoslavia.....	435	425	632	335	1,019	290	1,090	302	833	286
Other Europe.....	261	73	356	84	540	77	753	78	613	98
<b>Asia, total</b> .....	<b>721</b>	<b>2,979</b>	<b>1,065</b>	<b>2,826</b>	<b>2,376</b>	<b>1,665</b>	<b>2,162</b>	<b>1,627</b>	<b>1,904</b>	<b>1,975</b>
China.....	273	1,648	293	1,808	613	672	642	524	603	670
Japan.....	91	851	132	763	93	726	102	804	96	1,001
Palestine.....	180	145	369	60	1,291	70	1,066	62	888	60
Syria.....	93	53	136	31	227	47	207	42	130	36
Other Asia.....	84	282	135	164	152	150	145	195	187	208
<b>America, total</b> .....	<b>11,766</b>	<b>10,409</b>	<b>16,903</b>	<b>7,355</b>	<b>20,486</b>	<b>8,095</b>	<b>17,139</b>	<b>8,954</b>	<b>17,195</b>	<b>9,234</b>
Canada.....	8,018	1,272	11,799	1,027	14,070	1,018	10,501	965	10,579	895
Central America.....	470	465	484	376	582	453	530	425	541	480
Mexico.....	1,716	5,218	2,347	3,745	2,502	3,667	2,640	5,117	2,530	5,573
Newfoundland.....	103	88	212	82	334	58	312	69	293	47
South America.....	492	1,576	738	745	885	980	915	922	965	1,007
West Indies.....	985	1,788	1,322	1,379	2,110	1,919	2,231	1,453	2,284	1,231
Other America.....	2	2	1	1	3		10	3	3	1
<b>Africa</b> .....	<b>105</b>	<b>109</b>	<b>155</b>	<b>138</b>	<b>174</b>	<b>97</b>	<b>218</b>	<b>101</b>	<b>202</b>	<b>103</b>
Australia.....	118	115	106	142	179	88	159	66	172	101
New Zealand.....	29	39	39	32	49	39	54	23	52	37
Philippine Islands.....	72	2,472	84	1,980	116	2,020	119	2,090	127	1,793
Pacific Islands, not specified.....	18	27	29	5	20	21	9	20	14	20

Source: Department of Labor, Immigration and Naturalization Service; Annual Report of Secretary, mimeographed releases, and records.

No. 104.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED, BY RACE OR NATIONALITY: 1936 TO 1939

RACE OR PEOPLE	FISCAL YEAR ENDED JUNE 30—								CALENDAR YEAR 1939	
	1936		1937		1938		1939		Admitted	De-parted
	Ad-mitted	De-parted	Ad-mitted	De-parted	Ad-mitted	De-parted	Ad-mitted	De-parted		
<b>Total</b> .....	36,329	35,817	50,244	26,736	67,895	25,210	82,995	26,651	73,564	26,350
Armenian.....	163	27	172	13	226	5	193	10	141	4
Bohemian and Moravian (Czech).....	105	133	165	82	269	56	264	41	271	30
Bulgarian, Serbian, Montenegrin.....	172	201	301	185	431	114	397	195	269	168
Chinese.....	42	1,605	59	1,779	90	661	124	498	124	623
Croatian and Slovenian.....	351	148	365	114	506	141	457	107	372	67
Cuban.....	224	761	356	511	457	940	558	611	535	484
Dalmatian, Bosnian, Herzegovinian.....	54	54	75	35	84	43	73	16	43	23
Dutch and Flemish.....	581	386	747	343	809	362	758	300	1,030	271
East Indian.....	.....	143	9	91	1	95	2	125	1	132
English.....	3,610	3,768	4,912	3,093	5,733	2,670	5,076	2,416	5,071	2,183
Filipino.....	48	2,414	50	1,937	59	2,000	56	2,057	59	1,762
Finnish.....	131	319	266	267	459	242	439	201	379	177
French.....	1,635	900	2,249	682	2,815	668	2,214	604	2,280	548
German.....	4,689	4,311	6,324	2,760	7,743	2,508	5,524	4,483	4,108	4,330
Greek.....	1,002	842	1,004	406	1,130	477	992	493	960	384
Hebrew.....	6,252	308	11,352	232	19,736	255	43,450	176	37,798	150
Irish.....	1,556	1,613	2,275	1,245	3,332	1,039	2,968	1,013	2,876	752
Italian.....	7,116	2,198	7,652	1,877	8,383	1,871	6,708	1,929	5,761	1,983
Japanese.....	62	824	93	740	43	723	57	781	44	961
Korean.....	2	27	6	29	1	16	3	29	.....	29
Lithuanian.....	96	103	136	103	229	107	131	40	93	36
Magyar.....	500	259	663	176	934	118	614	171	513	189
Negro.....	272	502	275	433	397	422	304	337	289	310
Polish.....	489	443	732	413	1,109	409	868	322	618	190
Portuguese.....	336	651	316	212	433	242	509	333	568	539
Rumanian.....	97	237	117	160	153	149	98	118	110	100
Russian.....	367	231	512	228	666	129	840	158	757	144
Ruthenian (Russniak).....	72	5	134	7	200	4	198	7	136	4
Scandinavian (Norwegians, Danes, and Swedes).....	914	2,024	1,392	1,642	1,973	1,815	1,563	1,270	1,487	1,304
Scotch.....	1,473	1,614	2,208	1,292	2,478	1,104	1,968	829	1,990	692
Slovak.....	762	429	1,346	238	2,344	253	991	168	617	108
Spanish.....	451	855	442	397	547	279	428	252	312	506
Spanish-American.....	663	1,668	817	784	857	1,123	826	1,042	917	1,162
Syrian.....	171	86	226	49	340	62	282	65	198	60
Turkish.....	43	69	36	42	61	48	34	43	12	65
Welsh.....	120	123	144	127	127	100	134	77	124	47
West Indian (other than Cuban).....	153	214	227	164	394	243	292	224	217	219
Other peoples: <sup>1</sup> .....	1,308	5,097	1,802	3,669	1,902	3,571	2,145	4,975	2,069	5,484
..... <sup>2</sup> .....	247	225	286	179	444	148	460	135	415	130

<sup>1</sup> Chiefly natives of Mexico.

<sup>2</sup> Albanian, Egyptian, Pacific Islander, Persian, etc.

No. 105.—IMMIGRANT ALIENS ADMITTED—PERCENTAGES, BY RACE OR NATIONALITY: YEARS ENDED JUNE 30, 1935 TO 1939

RACE OR PEOPLE	1935	1936	1937	1938	1939	RACE OR PEOPLE	1935	1936	1937	1938	1939
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	Italian.....	19.6	19.6	15.2	12.3	8.1
Dutch and Flemish.....	1.6	1.6	1.5	1.2	.9	Magyar.....	1.4	1.4	1.3	1.4	.7
English.....	9.8	9.9	9.8	8.4	6.1	Polish.....	2.1	1.3	1.5	1.6	1.0
French.....	4.8	4.5	4.5	4.1	2.7	Russian.....	1.0	1.0	1.0	1.0	1.0
German.....	15.1	12.9	12.6	11.4	6.7	Scandinavian <sup>1</sup> .....	2.7	2.5	2.8	2.9	1.9
Greek.....	2.9	2.8	2.0	1.7	1.2	Scotch.....	4.2	4.1	4.4	3.6	2.4
Hebrew.....	13.8	17.2	22.6	29.1	52.4	Slovak.....	1.7	2.1	2.7	3.5	1.2
Irish.....	4.1	4.3	4.5	4.9	3.6	Spanish.....	1.3	1.2	.9	.8	.5
.....	.....	.....	.....	.....	.....	Spanish-American.....	1.7	1.8	1.6	1.3	1.0
.....	.....	.....	.....	.....	.....	Other peoples: <sup>2</sup> .....	3.5	3.6	3.6	2.8	2.6
.....	.....	.....	.....	.....	.....	..... <sup>3</sup> .....	8.6	8.2	7.6	8.0	6.1

<sup>1</sup> Norwegians, Danes, and Swedes.

<sup>2</sup> Chiefly natives of Mexico.

<sup>3</sup> Other than those for which percentages are given.

Source of tables 104 and 105: Department of Labor, Immigration and Naturalization Service; Annual Report of Secretary, mimeographed releases, and records.

No. 106.—IMMIGRATION QUOTAS ALLOTTED AND QUOTA ALIENS ADMITTED, BY COUNTRY OF BIRTH: YEARS ENDED JUNE 30, 1925 TO 1939

NOTE.—The Immigration Act of 1921 limited the number of aliens admitted annually of any nationality subject to the quota law, to 3 percent 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 percent 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 1921, the minimum quota is 100. Both immigrant and nonimmigrant aliens may appear in quota law statistics, or aliens of both classes may not be counted against quotas at all

COUNTRY OR REGION	Under Immigration Act of 1921, annual quota <sup>1</sup>	UNDER IMMIGRATION ACT OF 1924							
		Annual quota, 1925-1929	Admitted, 1925-1929, total	Annual quota, 1930 to 1939	Admitted				
					1930-1934, total	1935-1939, total	1937	1938	1939
All countries.....	357, 808	164, 667	761, 622	<sup>2</sup> 153, 774	229, 301	168, 540	27, 762	42, 494	62, 402
Europe.....	356, 061	161, 422	749, 911	<sup>2</sup> 150, 501	219, 544	162, 248	26, 654	40, 754	60, 778
Albania.....	288	100	472	100	425	482	98	106	97
Belgium.....	1, 563	512	2, 652	1, 304	1, 922	1, 154	211	278	307
Bulgaria.....	302	100	509	100	186	383	57	106	105
Czechoslovakia.....	14, 357	3, 073	14, 668	2, 874	5, 210	8, 464	1, 519	2, 853	2, 716
Danzig, Free City of.....	301	228	1, 065	100	188	336	41	89	177
Denmark.....	5, 619	2, 789	13, 114	1, 181	2, 093	1, 078	192	323	282
Estonia.....	1, 348	124	612	116	251	239	30	40	107
Finland.....	3, 921	471	2, 363	569	1, 114	1, 349	215	496	461
France.....	5, 729	3, 954	17, 730	3, 086	4, 891	2, 980	566	720	817
Germany.....	67, 607	51, 227	242, 363	} 327, 370	{ 44, 144	} 874, 337	{ 11, 127	} 17, 868	} 32, 759
Austria.....	7, 342	785	4, 213		{ 2, 478		{ 409		
Greece.....	3, 063	100	737	307	1, 119	1, 773	370	351	381
Hungary.....	5, 747	473	2, 445	869	2, 213	3, 702	739	962	1, 087
Ireland (Eire) <sup>4</sup> .....		28, 567	132, 715	17, 853	27, 528	3, 633	447	1, 100	1, 418
Italy.....	42, 057	3, 845	18, 383	5, 802	14, 338	15, 082	2, 905	3, 428	4, 155
Latvia.....	1, 540	142	754	236	460	600	114	154	223
Lithuania.....	2, 629	344	1, 828	386	1, 104	1, 324	221	397	365
Luxemburg.....	92	100	495	100	150	69	10	18	24
Netherlands.....	3, 607	1, 648	7, 708	3, 153	4, 379	1, 804	347	331	637
Norway.....	12, 202	6, 453	30, 335	2, 377	4, 258	1, 718	330	518	465
Poland.....	30, 977	5, 982	29, 000	6, 524	12, 313	15, 517	1, 855	4, 218	6, 512
Portugal.....	2, 465	503	2, 449	440	1, 302	1, 541	235	323	404
Rumania.....	7, 419	603	3, 783	<sup>2</sup> 377	1, 920	1, 854	371	407	499
Soviet Union (Russia).....	24, 405	2, 248	10, 018	<sup>2</sup> 2, 712	5, 012	3, 970	578	917	1, 727
Spain.....	912	131	805	252	1, 178	1, 263	244	264	253
Sweden.....	20, 042	9, 561	44, 849	3, 314	4, 999	1, 305	303	364	324
Switzerland.....	3, 752	2, 081	9, 683	1, 707	2, 789	1, 725	312	427	605
Turkey.....	2, 654	100	431	226	191	281	48	63	43
United Kingdom <sup>4</sup> .....	77, 342	34, 007	148, 660	65, 721	68, 045	10, 888	2, 107	2, 636	2, 828
Yugoslavia.....	6, 426	671	3, 081	845	1, 772	2, 735	527	852	850
Other Europe.....	353	<sup>6</sup> 500	<sup>6</sup> 1, 991	<sup>6</sup> 500	<sup>6</sup> 1, 572	<sup>6</sup> 657	<sup>6</sup> 125	<sup>6</sup> 145	<sup>6</sup> 150
Asia.....	1, 261	<sup>5</sup> 1, 424	<sup>5</sup> 4, 927	<sup>5</sup> 1, 423	<sup>5</sup> 4, 849	<sup>5</sup> 2, 980	<sup>5</sup> 467	<sup>5</sup> 886	<sup>5</sup> 835
Africa.....	122	<sup>5</sup> 1, 200	<sup>5</sup> 1, 667	<sup>5</sup> 1, 200	<sup>5</sup> 754	<sup>5</sup> 523	<sup>5</sup> 106	<sup>5</sup> 115	<sup>5</sup> 144
Australia, New Zealand, and Pacific Islands.....	359	<sup>6</sup> 621	<sup>6</sup> 1, 470	<sup>6</sup> 650	<sup>6</sup> 917	<sup>6</sup> 975	<sup>6</sup> 196	<sup>6</sup> 223	<sup>6</sup> 226
American colonies of European countries.....		( <sup>9</sup> )	<sup>6</sup> 3, 647	( <sup>9</sup> )	<sup>6</sup> 3, 237	<sup>6</sup> 1, 819	<sup>6</sup> 339	<sup>6</sup> 516	<sup>6</sup> 419

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

<sup>2</sup> Quota for 1934 to 1939. The total quota for 1930 and 1931 was 153,714; for 1932 and 1933, 153,831; the Soviet Union's quota was 2,784 for 1930 and 1931, and 2,701 for 1932 and 1933; Rumania's, 295 prior to 1934. There were also changes in 1932 and 1933 for certain countries included in "Other Europe," Asia, and Pacific Islands.

<sup>3</sup> Austria included with Germany beginning with 1938.

<sup>4</sup> All Ireland included with United Kingdom prior to 1925; thereafter, Northern Ireland only.

<sup>5</sup> Annual quotas for colonies, dependencies, or protectorates in "Other Europe," Asia, Africa, Pacific islands, and America are included in the annual quotas of the European countries to which they belong.

<sup>6</sup> Includes quota immigrants born in colonies, dependencies, or protectorates of European countries.

Source: Department of Labor, Immigration and Naturalization Service; Annual Report of Secretary and mimeographed releases.

No. 107.—ALIENS ADMITTED, BY CLASSES, UNDER THE IMMIGRATION ACT OF 1924, AS AMENDED: YEARS ENDED JUNE 30, 1934 TO 1939

CLASSES	1934	1935	1936	1937	1938	1939
	All classes.....	163, 904	179, 721	190, 899	231, 884	252, 697
Nonimmigrants.....	78, 435	92, 484	105, 872	128, 557	132, 086	140, 947
Government officials, their families, attendants, servants, and employees.....	4, 363	5, 194	5, 312	6, 493	6, 221	7, 777
Temporary visitors for business.....	13, 068	13, 166	14, 399	18, 317	15, 729	19, 322
Temporary visitors for pleasure.....	36, 765	48, 467	58, 914	71, 138	64, 111	68, 987
In continuous transit through the United States.....	23, 687	24, 931	26, 571	31, 822	45, 146	44, 115
To carry on trade under treaty.....	552	726	676	787	859	746
Nonquota immigrants.....	72, 996	70, 030	66, 352	75, 565	78, 137	64, 982
Husbands of United States citizens.....	1, 021	705	657	917	989	1, 088
Wives of United States citizens.....	4, 348	4, 925	4, 712	4, 879	5, 347	3, 759
Unmarried children of United States citizens.....	2, 522	3, 598	3, 455	3, 740	3, 926	2, 196
Returning residents.....	55, 169	51, 081	47, 276	51, 349	50, 341	42, 267
Natives of nonquota countries.....	8, 183	7, 661	7, 997	12, 037	14, 262	12, 119
Their wives and children.....	54	86	69	115	117	104
Ministers and their wives and children.....	362	361	455	440	458	705
Professors and their wives and children.....	113	97	82	106	109	447
Students.....	1, 048	1, 377	1, 515	1, 828	2, 451	2, 182
Women who had been United States citizens.....	134	116	110	109	111	88
Miscellaneous classes.....	32	23	24	45	26	27
Quota immigrants.....	12, 483	17, 207	18, 675	27, 762	42, 494	62, 402

Source: Department of Labor, Immigration and Naturalization Service; mimeographed release.

No. 108.—ALIENS DEPORTED, BY PRINCIPAL CAUSES, COUNTRY, RACE OR NATIONALITY, AND SEX: YEARS ENDED JUNE 30, 1937 TO 1939

	1937	1938	1939				
	Total deported.....	8, 829	9, 275	6, 202	1937	1938	1939
Causes for deportation:				Countries to which deported:			
Criminals.....	1, 603	1, 662	1, 638	Europe.....	1, 648	1, 574	1, 321
Violation of narcotic laws.....	118	81	82	Germany.....	150	120	172
Anarchists and kindred classes.....	17	8	1	Great Britain and Northern Ireland.....	251	297	228
Immoral classes.....	308	318	270	Italy.....	449	391	320
Mental or physical defects.....	392	401	326	Other Europe.....	798	766	601
Previously deported.....	1, 000	1, 085	1, 056	Asia.....	271	265	215
Remained longer than authorized.....	702	748	652	Canada.....	1, 833	1, 941	1, 915
Entered without proper visa.....	3, 294	3, 545	3, 080	Mexico.....	4, 764	5, 113	4, 415
Unable to read (over 16 years of age).....	550	676	453	Cuba.....	56	63	80
Under Chinese Exclusion Act.....	47	30	21	British West Indies.....	67	88	91
Likely to become public charges.....	40	24	22	Other America.....	140	160	111
Miscellaneous causes.....	758	697	601	Other countries.....	50	71	54
Sex:				Race or people:			
Male.....	7, 943	8, 344	7, 385	Chinese.....	140	135	84
Female.....	886	931	817	English.....	672	715	670
				French.....	492	449	427
				German.....	263	263	281
				Greek.....	124	155	139
				Hebrew.....	109	84	103
				Irish.....	323	354	386
				Italian.....	490	436	361
				Scandinavian.....	155	190	131
				Scotch.....	292	308	277
				All other.....	5, 769	6, 186	5, 343

<sup>1</sup> Germany and Austria.

Source: Department of Labor, Immigration and Naturalization Service; Annual Report of Secretary and mimeographed release.

No. 109.—ALIENS AND CITIZENS, TOTAL ARRIVALS AND DEPARTURES AND ARRIVALS AT PRINCIPAL PORTS: YEARS ENDED JUNE 30, 1915 TO 1939

Note.—Figures for alien arrivals cover admissions only. In addition, there are aliens among the arrivals who are found inadmissible and debarred from entering

PORT AND CLASS	1915-1919, average	1920-1924, average	1925-1929, average	1930-1934, average	1935-1939, average	1937	1938	1939
Arrivals, total.....	454, 192	963, 630	888, 385	610, 215	574, 526	618, 756	659, 696	622, 769
United States citizens.....	131, 643	246, 640	393, 885	366, 935	349, 819	386, 872	406, 999	354, 438
Immigrants.....	234, 536	554, 920	304, 182	85, 391	54, 484	50, 244	67, 895	82, 995
Nonimmigrant aliens.....	88, 013	162, 070	190, 318	167, 889	170, 222	181, 640	184, 802	185, 333



**NO. 109.—ALIENS AND CITIZENS, TOTAL ARRIVALS AND DEPARTURES AND ARRIVALS AT PRINCIPAL PORTS; YEARS ENDED JUNE 30, 1915 TO 1939—CON.**

PORT AND CLASS	1915-1919, average	1920-1924, average	1925-1929, average	1930-1934, average	1935-1939, average	1937	1938	1939
<b>Departures, total</b> .....	<b>416,948</b>	<b>588,059</b>	<b>632,323</b>	<b>632,371</b>	<b>547,258</b>	<b>614,778</b>	<b>620,489</b>	<b>534,808</b>
United States citizens.....	180,776	264,727	385,002	377,976	341,070	390,196	397,875	333,369
Emigrants.....	123,645	178,597	77,949	67,138	30,650	26,736	25,210	26,651
Nonimmigrant aliens.....	112,527	144,765	168,772	187,256	175,538	197,846	197,404	174,758
<b>Excess of arrivals over departures</b> .....	<b>37,244</b>	<b>375,541</b>	<b>256,062</b>	<b>1-22,156</b>	<b>27,268</b>	<b>3,978</b>	<b>39,207</b>	<b>87,961</b>
<b>Citizens permanently departed:</b>								
Naturalized.....	2,4097	7,097	3,675	1,213	1,060	761	1,297	1,617
Native born.....	24,174	49,117	20,579	20,245	9,607	7,694	8,741	11,622
<b>ARRIVALS AT PRINCIPAL PORTS</b>								
<b>New York</b> .....	<b>193,356</b>	<b>571,942</b>	<b>551,927</b>	<b>425,507</b>	<b>385,498</b>	<b>413,552</b>	<b>435,163</b>	<b>414,034</b>
United States citizens.....	55,192	161,265	272,872	264,346	240,492	265,334	275,649	237,667
Immigrants.....	100,970	321,403	153,683	52,678	37,026	31,644	44,846	62,035
Nonimmigrant aliens.....	37,194	89,274	125,372	108,483	107,975	116,574	114,668	114,332
<b>Boston</b> .....	<b>13,034</b>	<b>30,329</b>	<b>19,445</b>	<b>19,117</b>	<b>12,544</b>	<b>13,194</b>	<b>14,902</b>	<b>11,230</b>
United States citizens.....	2,723	4,486	8,223	12,278	7,465	7,881	9,204	6,575
Immigrants.....	8,801	24,168	7,162	2,832	746	704	997	875
Nonimmigrant aliens.....	1,510	1,675	4,060	4,007	4,333	4,600	4,701	3,78C
<b>Philadelphia</b> .....	<b>2,385</b>	<b>10,627</b>	<b>815</b>	<b>1,191</b>	<b>1,178</b>	<b>1,513</b>	<b>1,757</b>	<b>1,114</b>
United States citizens.....	462	1,355	413	950	835	1,127	1,026	897
Immigrants.....	1,667	8,597	150	40	23	24	33	26
Nonimmigrant aliens.....	256	675	252	201	321	362	698	191
<b>Baltimore</b> .....	<b>914</b>	<b>511</b>	<b>198</b>	<b>1,146</b>	<b>1,515</b>	<b>1,510</b>	<b>2,362</b>	<b>409</b>
United States citizens.....	76	132	110	952	1,237	1,210	1,985	282
Immigrants.....	780	317	50	60	35	25	51	12
Nonimmigrant aliens.....	58	62	38	134	242	275	326	115
<b>Miami</b> .....	<b>3,368</b>	<b>5,509</b>	<b>14,209</b>	<b>22,008</b>	<b>60,089</b>	<b>69,389</b>	<b>79,899</b>	<b>77,035</b>
United States citizens.....	400	4,455	12,427	18,903	46,092	53,653	61,018	58,026
Immigrants.....	946	1,553	98	111	934	711	1,431	2,127
Nonimmigrant aliens.....	1,962	3,501	1,684	2,994	13,013	15,025	17,450	16,882
<b>New Orleans</b> .....	<b>11,199</b>	<b>11,052</b>	<b>13,050</b>	<b>9,555</b>	<b>8,634</b>	<b>8,948</b>	<b>6,990</b>	<b>9,228</b>
United States citizens.....	6,808	6,474	9,246	7,426	6,999	7,379	6,904	7,447
Immigrants.....	1,931	1,407	847	427	215	152	243	280
Nonimmigrant aliens.....	2,460	3,171	2,957	1,702	1,420	1,417	1,443	1,499
<b>San Francisco</b> .....	<b>19,567</b>	<b>24,738</b>	<b>18,245</b>	<b>13,554</b>	<b>14,926</b>	<b>16,204</b>	<b>15,009</b>	<b>12,908</b>
United States citizens.....	5,400	6,976	6,791	7,224	8,646	9,907	8,763	6,402
Immigrants.....	8,442	7,659	2,297	1,498	666	542	810	895
Nonimmigrant aliens.....	5,665	10,103	7,157	4,832	5,614	5,755	5,436	5,609
<b>Seattle</b> .....	<b>6,911</b>	<b>8,733</b>	<b>5,583</b>	<b>4,179</b>	<b>4,041</b>	<b>4,134</b>	<b>5,583</b>	<b>2,472</b>
United States citizens.....	614	1,739	2,332	2,181	2,472	2,497	3,567	1,359
Immigrants.....	3,938	4,046	959	333	82	71	144	103
Nonimmigrant aliens.....	2,359	2,948	2,292	1,685	1,487	1,566	1,872	1,010

<sup>1</sup> Excess of departures.<sup>2</sup> Average for 1918 and 1919.
**NO. 110.—ALIENS REGISTERED UNDER ACTS OF MARCH 2, 1929, AND JUNE 8, 1934: YEARS ENDED JUNE 30, 1930 TO 1939**

NOTE.—Acts of Congress approved Mar. 2, 1929, and June 8, 1934, permit legalization of 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, and of aliens without nationality who are bona fide political or religious refugees who entered prior to July 1, 1933, where no record of admission for permanent residence exists

COUNTRY OF BIRTH	1930-1936, total	1937	1938	1939	RACE OR PEOPLE AND SEX	1930-1936, total	1937	1938	1939
<b>Total</b> .....	<b>66,992</b>	<b>9,902</b>	<b>10,790</b>	<b>10,588</b>	<b>Race or people:</b>				
Germany.....	2,912	270	250	215	English.....	5,741	709	788	(1)
Great Britain.....	3,193	399	393	370	German.....	4,592	513	315	(1)
Greece.....	2,467	388	430	404	Greek.....	2,909	436	430	(1)
Ireland.....	1,531	103	95	110	Hebrew.....	5,901	725	492	(1)
Italy.....	4,509	565	647	609	Irish.....	3,407	297	348	(1)
Poland.....	8,174	1,579	1,598	1,740	Italian.....	4,281	543	659	(1)
Scandinavia.....	3,097	284	259	213	Scandinavian.....	3,391	327	263	(1)
Other Europe.....	16,054	2,113	2,525	2,833	All other.....	36,770	6,352	7,495	(1)
Canada.....	11,513	1,594	1,542	1,433	<b>Sex:</b>				
Mexico.....	9,795	2,096	2,381	1,943	Male.....	54,220	7,375	8,045	7,986
Other countries.....	3,747	511	670	718	Female.....	12,772	2,527	2,745	2,602

<sup>1</sup> Figures were not compiled.

Source of tables 109 and 110: Department of Labor, Immigration and Naturalization Service; Annual Report of Secretary, mimeographed releases, and records.

No. 111.—NATURALIZATION CERTIFICATES ISSUED, BY STATES AND OUTLYING TERRITORIES AND POSSESSIONS, BY SEX: YEARS ENDED JUNE 30, 1936 TO 1939

	1936	1937	1938	1939		1936	1937	1938	1939
<b>Total</b> .....	<b>141,265</b>	<b>164,976</b>	<b>162,078</b>	<b>188,813</b>	<b>E. S. Central—Con.</b>				
<b>New England</b> .....	<b>21,674</b>	<b>21,686</b>	<b>22,230</b>	<b>29,397</b>	Alabama.....	73	72	97	177
Maine.....	838	902	837	1,115	Mississippi.....	12	13	42	37
New Hampshire.....	814	1,112	1,018	1,332	<b>West South Central</b> .....	<b>1,005</b>	<b>1,553</b>	<b>1,592</b>	<b>2,227</b>
Vermont.....	309	330	510	422	Arkansas.....	23	13	25	69
Massachusetts.....	13,951	13,601	14,127	18,509	Louisiana.....	150	211	248	357
Rhode Island.....	1,523	1,677	1,378	2,610	Oklahoma.....	82	158	156	169
Connecticut.....	4,239	3,974	4,360	5,409	Texas.....	750	1,171	1,163	1,632
<b>Middle Atlantic</b> .....	<b>57,118</b>	<b>76,344</b>	<b>66,869</b>	<b>71,646</b>	<b>Mountain</b> .....	<b>2,614</b>	<b>2,966</b>	<b>3,585</b>	<b>4,201</b>
New York.....	39,983	57,279	44,327	44,392	Montana.....	616	857	810	1,194
New Jersey.....	7,982	8,284	8,626	9,691	Idaho.....	243	255	286	334
Pennsylvania.....	9,153	10,781	13,916	17,563	Wyoming.....	193	210	200	200
<b>East North Central</b> .....	<b>35,789</b>	<b>38,019</b>	<b>40,157</b>	<b>48,623</b>	Colorado.....	576	732	1,176	1,198
Ohio.....	6,123	7,366	8,016	10,627	New Mexico.....	89	138	116	152
Indiana.....	1,190	1,835	1,985	3,425	Arizona.....	239	271	301	358
Illinois.....	14,904	13,345	14,754	16,792	Utah.....	550	399	577	595
Michigan.....	10,621	10,671	10,141	12,120	Nevada.....	108	134	119	170
Wisconsin.....	2,951	4,801	5,261	5,659	<b>Pacific</b> .....	<b>14,689</b>	<b>15,198</b>	<b>16,746</b>	<b>18,076</b>
<b>West North Central</b> .....	<b>5,143</b>	<b>5,991</b>	<b>6,863</b>	<b>8,861</b>	Washington.....	2,653	3,317	3,174	3,231
Minnesota.....	2,125	2,065	2,353	3,166	Oregon.....	1,172	1,443	1,513	1,754
Iowa.....	733	850	969	1,299	California.....	10,864	10,438	12,059	13,091
Missouri.....	1,015	1,288	1,268	1,655	<b>Outlying areas</b> .....	<b>535</b>	<b>640</b>	<b>602</b>	<b>956</b>
North Dakota.....	337	507	658	772	Alaska.....	144	158	195	188
South Dakota.....	179	257	348	407	Hawaii.....	258	358	279	217
Nebraska.....	521	679	782	863	Puerto Rico.....	129	120	125	542
Kansas.....	233	345	485	699	Virgin Islands.....	4	4	3	9
<b>South Atlantic</b> .....	<b>2,423</b>	<b>2,290</b>	<b>3,121</b>	<b>4,414</b>	<b>Entire United States</b> .....	<b>141,265</b>	<b>164,976</b>	<b>162,078</b>	<b>188,813</b>
Delaware.....	124	154	163	193	Civilian.....	140,784	162,923	158,142	185,175
Maryland.....	724	522	692	1,022	Military.....	481	2,053	3,936	3,638
Dist. of Col.....	465	456	377	530	Male.....	86,777	97,692	92,041	113,934
Virginia.....	124	136	203	238	Female.....	54,488	67,280	70,037	74,879
West Virginia.....	310	274	572	802	<b>Cont'l United States:</b>				
North Carolina.....	76	70	93	87	Male.....	86,441	97,227	91,630	113,328
South Carolina.....	32	42	48	70	Female.....	54,289	67,109	69,846	74,529
Georgia.....	82	60	110	136	<b>Outlying areas:</b>				
Florida.....	486	576	863	1,336	Male.....	336	469	411	606
<b>East South Central</b> .....	<b>275</b>	<b>259</b>	<b>313</b>	<b>412</b>	Female.....	199	171	191	350
Kentucky.....	118	82	104	111					
Tennessee.....	72	92	70	87					

No. 112.—NATURALIZATION CERTIFICATES ISSUED, BY COUNTRY OF FORMER ALLEGIANCE: YEARS ENDED JUNE 30, 1936 TO 1939

NATIONALITY	1936	1937	1938	1939	NATIONALITY	1936	1937	1938	1939
<b>All countries</b> .....	<b>141,265</b>	<b>164,976</b>	<b>162,078</b>	<b>188,813</b>	Norway.....	2,307	2,617	2,848	2,810
Albania.....	164	197	195	223	Poland.....	14,745	19,013	18,356	21,585
Belgium.....	708	723	745	917	Portugal.....	1,304	1,476	1,686	2,725
British Empire.....	42,231	44,528	42,106	47,500	Rumania.....	1,918	2,560	2,466	2,955
Bulgaria.....	175	177	256	310	Soviet Union (Russia).....	7,836	10,604	11,189	11,499
Czechoslovakia.....	4,771	6,090	6,158	7,848	Spain.....	837	1,262	1,348	1,955
Denmark.....	1,486	1,404	1,365	1,440	Sweden.....	4,413	4,433	4,112	4,718
Estonia.....	89	105	91	95	Switzerland.....	1,169	1,265	1,216	1,397
Finland.....	1,206	1,664	1,713	2,047	Yugoslavia.....	3,525	4,453	4,365	5,916
France.....	1,111	1,334	1,227	1,625	Persia (Iran).....	78	113	143	163
Germany.....	19,622	20,092	19,312	19,940	Syria.....	502	488	567	735
Austria.....	2,274	2,973			Turkey.....	1,117	1,336	1,585	1,938
Greece.....	2,015	2,639	2,625	3,540	Philippine Islands.....	71	333	390	263
Hungary.....	2,352	3,168	3,168	4,347	West Indies.....	184	286	303	415
Italy.....	17,781	23,534	26,306	31,933	Mexico.....	623	903	1,082	1,643
Latvia.....	293	356	369	379	Central America.....	91	129	144	175
Lithuania.....	2,147	2,168	2,140	2,986	South America.....	322	392	447	476
Netherlands.....	1,368	1,627	1,656	1,955	Other countries.....	430	534	399	360

Source of tables 111 and 112: Department of Labor, Immigration and Naturalization Service; Annual Report of Secretary, mimeographed releases, and records.

## 5. EDUCATION

No. 113.—SCHOOLS, PUBLIC ELEMENTARY AND SECONDARY—SUMMARY FOR  
CONTINENTAL UNITED STATES: 1870 to 1938

	1870	1880	1890	1900	1910
Total population.....	1 38,558,371	1 50,155,783	1 62,022,250	1 75,602,515	1 91,972,266
Population 5-17 years, inclusive.....	1 12,065,443	1 15,065,707	1 18,543,201	1 21,404,322	1 24,239,948
Percent of total population.....	31.3	30.0	29.6	28.3	26.4
Pupils enrolled in public schools.....	6,871,522	9,867,365	12,722,631	15,503,110	17,813,852
Percent of total population.....	17.82	19.67	20.32	20.51	19.37
Percent of population 5-17, incl.....	57.00	65.50	68.61	72.43	73.49
Average daily attendance.....	4,077,347	6,144,143	8,153,695	10,632,772	12,827,307
Percent of pupils enrolled.....	59.3	62.3	64.1	68.6	72.7
Average number of days schools in session.....	132.2	130.3	134.7	144.3	157.6
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	423,002	523,210
Male.....	77,529	122,795	125,525	126,588	110,481
Female.....	122,986	163,798	238,397	296,474	412,729
Percent male teachers.....	38.7	42.8	34.5	29.0	21.1
Salaries: Teachers, supervisors, and principals (thousands of dollars).....	37,833	55,943	91,836	137,688	253,915
Average annual salary per teacher.....	\$189	\$196	\$252	\$325	\$485
Total expenditure for education (thousands of dollars).....	63,397	78,096	140,507	214,065	426,250
Per capita of total population.....	\$1.64	\$1.56	\$2.24	\$2.84	\$4.63
Per capita of population 5-17, inclusive.....	\$5.26	\$5.18	\$7.58	\$10.04	\$17.58
Per pupil enrolled.....	\$9.23	\$7.91	\$11.04	\$13.87	\$23.93
Per pupil in average attendance.....	\$15.55	\$12.71	\$17.23	\$20.22	\$33.23

  

	1920	1930	1934	1936	1938
Total population.....	1 105,710,620	1 122,775,046	1 126,626,000	1 128,429,000	1 130,215,000
Population 5-17 years, inclusive.....	1 27,728,788	1 31,571,322	1 31,618,000	1 31,547,000	1 30,780,000
Percent of total population.....	26.2	25.7	25.0	24.6	23.6
Pupils enrolled in public schools.....	21,578,316	25,678,015	26,434,193	26,367,098	25,975,108
Percent of total population.....	20.4	20.9	20.9	20.5	19.9
Percent of population 5-17, incl.....	77.8	81.3	83.6	83.6	84.4
Average daily attendance.....	16,150,036	21,264,886	22,468,190	22,298,767	22,298,200
Percent of pupils enrolled.....	74.8	82.8	85.0	84.6	85.8
Average number of days schools in session.....	161.9	172.7	171.6	173.0	173.9
Average number of days attended per enrolled pupil.....	121.2	143.0	145.8	146.3	149.3
Number of teachers.....	679,533	854,263	847,120	870,963	877,266
Male.....	95,686	141,771	161,949	179,073	185,103
Female.....	583,867	712,492	685,171	691,890	692,163
Percent male teachers.....	14.1	16.6	19.1	20.6	21.1
Salaries: Teachers, supervisors, and principals (thousands of dollars).....	590,120	1,250,427	1,067,042	1,146,460	1,202,392
Average annual salary per teacher.....	\$871	\$1,420	\$1,227	\$1,283	\$1,374
Total expenditure for education (thousands of dollars).....	1,036,151	2,316,790	1,720,105	1,968,898	2,233,110
Per capita of total population.....	\$9.80	\$18.87	\$13.58	\$15.33	\$17.15
Per capita of population 5-17, inclusive.....	\$37.37	\$73.38	\$54.40	\$62.41	\$72.53
Per pupil enrolled.....	\$48.02	\$89.84	\$84.76	\$74.38	\$85.58
Per pupil in average attendance.....	\$64.16	\$108.49	\$76.22	\$87.95	\$99.70

<sup>1</sup> Census enumeration as of June 1, 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920; Apr. 1, 1930.

<sup>2</sup> Excluding population of Indian Territory which is not covered by public-school statistics, and also, for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.

<sup>3</sup> Current expense, capital outlays, and interest.

<sup>4</sup> Census estimates for July 1. See table 14, p. 11.

<sup>5</sup> Estimated by Scripps Foundation.

<sup>6</sup> Based on total number of teachers, supervisors, and principals.

<sup>7</sup> Not including data for night, summer, part-time, and continuation schools separately reported.

Source (except for population statistics and estimates): Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education.

Co. 114.—SCHOOLS, ELEMENTARY AND SECONDARY, PUBLIC AND PRIVATE—  
ENROLLMENT AND ATTENDANCE, BY STATES AND OUTLYING AREAS: 1920 TO 1938

DIVISION, STATE, OR OUTLYING AREA	PUBLIC ELEMENTARY AND SECONDARY SCHOOLS						PRIVATE AND PAROCHIAL SCHOOLS, EXCLUDING KINDERGARTENS		
	Pupils enrolled †			Average days at- tendance per year per pupil enrolled			Pupils enrolled		
	1920	1930	1938	1920	1930	1938	1920	1930	1938
Continental U. S. . . . .	21, 578, 316	25, 878, 019	25, 975, 108	121.2	143.0	149.3	1, 699, 481	2, 638, 776	2, 087, 483
New England . . . . .	1, 242, 221	1, 492, 320	1, 467, 893	145.9	160.0	161.6	263, 634	341, 945	345, 536
Maine . . . . .	137, 681	154, 456	164, 016	142.4	160.0	162.1	16, 693	29, 726	30, 282
New Hampshire . . . . .	64, 205	74, 240	76, 300	144.3	159.0	156.1	24, 209	31, 473	29, 484
Vermont . . . . .	61, 785	65, 976	67, 931	131.6	151.2	159.3	7, 770	11, 502	11, 515
Massachusetts . . . . .	623, 589	759, 402	744, 871	149.6	163.1	161.7	129, 268	172, 821	175, 386
Rhode Island . . . . .	93, 501	118, 704	119, 159	142.9	151.5	158.3	23, 662	32, 393	34, 773
Connecticut . . . . .	261, 463	319, 453	295, 516	144.1	157.9	164.3	62, 027	69, 430	64, 299
Middle Atlantic . . . . .	3, 925, 050	4, 870, 924	4, 999, 827	145.2	159.3	158.6	401, 696	819, 200	841, 206
New York . . . . .	1, 719, 841	2, 141, 479	2, 308, 456	148.8	163.4	156.4	238, 478	393, 259	395, 477
New Jersey . . . . .	594, 780	792, 012	746, 383	151.3	167.7	164.0	40, 124	125, 167	127, 266
Pennsylvania . . . . .	1, 610, 469	1, 937, 433	1, 944, 988	139.0	155.4	159.2	122, 094	300, 774	315, 563
East North Central . . . . .	3, 871, 423	4, 875, 626	4, 742, 811	134.9	159.2	162.1	584, 830	747, 615	745, 973
Ohio . . . . .	1, 020, 668	1, 277, 636	1, 251, 005	130.7	140.0	146.3	107, 825	178, 132	172, 342
Indiana . . . . .	506, 288	667, 376	689, 657	125.8	155.1	152.6	26, 279	60, 973	60, 985
Illinois . . . . .	1, 127, 560	1, 395, 907	1, 281, 854	144.9	162.5	162.2	241, 739	253, 595	252, 504
Michigan . . . . .	691, 674	970, 682	939, 827	129.6	161.5	163.0	82, 243	139, 860	143, 098
Wisconsin . . . . .	465, 243	564, 022	560, 408	138.9	150.3	162.9	76, 741	115, 055	117, 044
West North Central . . . . .	2, 724, 540	2, 863, 752	2, 731, 157	127.4	148.9	151.1	186, 183	265, 906	269, 416
Minnesota . . . . .	503, 597	551, 741	530, 792	125.5	149.1	150.4	45, 374	63, 430	65, 232
Iowa . . . . .	514, 521	554, 055	519, 160	137.2	147.4	152.1	31, 191	50, 115	53, 879
Missouri . . . . .	672, 483	650, 073	705, 612	128.0	158.6	152.3	54, 326	76, 648	78, 192
North Dakota . . . . .	168, 283	109, 277	146, 511	127.4	145.5	154.3	6, 288	10, 084	10, 042
South Dakota . . . . .	146, 955	165, 624	142, 514	112.4	149.4	138.7	4, 357	10, 532	11, 009
Nebraska . . . . .	311, 821	325, 210	289, 916	122.3	139.0	154.0	23, 927	29, 230	24, 558
Kansas . . . . .	406, 880	431, 166	396, 602	124.8	143.7	149.9	20, 920	28, 870	26, 504
South Atlantic . . . . .	3, 282, 217	3, 755, 278	3, 952, 147	98.3	125.3	142.4	118, 111	125, 773	129, 893
Delaware . . . . .	38, 453	42, 360	44, 992	129.2	153.6	156.6	6, 405	7, 727	7, 948
Maryland . . . . .	241, 618	277, 459	293, 680	130.3	158.0	163.4	27, 285	54, 103	55, 889
Dist. of Columbia . . . . .	65, 208	80, 965	100, 672	143.8	146.5	149.9	12, 037	14, 939	14, 794
Virginia . . . . .	505, 190	562, 956	583, 556	102.2	131.9	146.0	12, 914	12, 190	12, 987
West Virginia . . . . .	346, 256	395, 505	443, 789	102.8	146.6	156.6	4, 820	8, 573	8, 655
North Carolina . . . . .	691, 249	866, 939	881, 874	91.8	109.7	143.2	25, 995	6, 952	6, 795
South Carolina . . . . .	478, 045	469, 370	488, 749	76.0	119.1	127.7	9, 340	5, 512	5, 667
Georgia . . . . .	690, 918	713, 290	730, 894	98.0	111.7	130.9	14, 030	9, 100	8, 820
Florida . . . . .	225, 160	340, 434	383, 935	98.0	119.0	130.3	6, 862	6, 937	6, 118
East South Central . . . . .	2, 137, 794	2, 434, 538	2, 516, 927	84.3	114.7	122.9	69, 425	74, 481	80, 410
Kentucky . . . . .	535, 332	588, 354	618, 318	78.7	121.4	124.1	18, 578	41, 706	43, 591
Tennessee . . . . .	619, 852	627, 747	637, 920	98.5	125.3	134.9	23, 762	11, 435	12, 322
Alabama . . . . .	569, 840	622, 988	670, 481	79.4	114.0	122.0	18, 398	13, 656	14, 767
Mississippi . . . . .	2, 412, 670	695, 449	590, 208	76.9	97.7	109.7	8, 487	7, 674	9, 730
West South Central . . . . .	2, 462, 181	2, 881, 420	2, 920, 281	103.4	118.1	136.4	56, 171	124, 293	126, 447
Arkansas . . . . .	483, 172	456, 185	465, 272	85.2	108.3	121.2	2, 986	6, 732	7, 320
Louisiana . . . . .	354, 079	434, 557	460, 946	107.7	121.5	141.8	26, 647	60, 660	60, 866
Oklahoma . . . . .	589, 282	682, 050	638, 662	100.5	119.4	135.5	8, 772	8, 565	9, 357
Texas . . . . .	1, 035, 648	1, 308, 028	1, 355, 401	112.0	126.4	137.9	17, 766	48, 336	48, 994
Mountain . . . . .	794, 536	898, 248	915, 213	120.3	140.5	147.7	25, 589	39, 740	44, 182
Montana . . . . .	126, 576	120, 337	110, 403	120.7	151.9	156.7	3, 736	8, 073	8, 046
Idaho . . . . .	115, 192	120, 947	121, 411	126.9	132.4	150.8	3, 000	3, 241	2, 849
Wyoming . . . . .	43, 112	54, 505	56, 970	117.4	141.3	147.3	1, 051	1, 937	2, 067
Colorado . . . . .	220, 232	240, 482	227, 237	114.4	142.8	150.3	3, 854	13, 666	15, 102
New Mexico . . . . .	81, 399	102, 084	129, 877	120.5	128.5	137.8	4, 178	7, 324	10, 569
Arizona . . . . .	76, 505	103, 806	110, 056	98.0	128.1	130.8	3, 185	4, 475	3, 880
Utah . . . . .	117, 400	138, 046	138, 907	138.5	160.7	156.6	6, 218	1, 366	1, 388
Nevada . . . . .	14, 114	18, 041	20, 352	125.8	148.5	147.2	318	258	281
Pacific . . . . .	1, 138, 319	1, 616, 009	1, 728, 862	124.5	149.7	152.2	43, 992	100, 422	104, 930
Washington . . . . .	261, 053	344, 731	339, 977	128.1	145.0	149.4	8, 450	18, 499	18, 488
Oregon . . . . .	151, 028	202, 595	193, 861	137.5	140.1	151.7	6, 051	12, 791	11, 049
California . . . . .	696, 238	1, 068, 683	1, 055, 224	120.2	151.6	153.1	29, 491	69, 132	75, 404
Alaska † . . . . .	3, 360	3, 071	6, 428	132.3	148.7	141.6	—	728	752
American Samoa . . . . .	—	1, 952	2, 647	—	—	154.0	—	500	480
Canal Zone . . . . .	3, 486	7, 093	6, 160	114.2	180.0	187.2	—	—	—
Guam . . . . .	—	3, 658	4, 004	—	—	194.7	—	—	145
Hawaii . . . . .	41, 350	71, 657	88, 885	108.3	161.6	172.9	7, 573	14, 411	10, 432
Philippine Islands . . . . .	935, 678	1, 121, 293	1, 492, 062	156.0	172.8	179.0	36, 534	96, 270	—
Puerto Rico . . . . .	180, 458	221, 248	202, 260	145.7	167.1	171.3	5, 823	9, 169	10, 887
Virgin Islands . . . . .	—	3, 061	3, 400	—	—	169.3	—	33	1, 377

† Includes kindergarten; excludes elementary pupils in college training schools.  
‡ For 1919.

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

No. 115.—TEACHERS IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—  
NUMBERS AND SALARIES, BY STATES AND OUTLYING AREAS: 1920 TO 1938

DIVISION, STATE, OR OUTLYING AREA	NUMBER OF TEACHERS <sup>1</sup>				Per- cent of teach- ers, male, 1938	SALARIES OF TEACHERS, SUPERVISORS, AND PRINCIPALS				
	1920	1930	1936	1938		Total, 1938 (1,000 dollars)	Average annual salary (dollars)			
							1920	1930	1936	1938
Continental U. S.	2,679,533	854,268	870,963	877,266	21.1	1,262,362	1,971	1,420	1,283	1,374
New England	43,480	52,642	52,394	50,362	16.2	90,985	1,064	1,636	1,592	1,727
Maine	7,020	6,547	6,489	6,202	17.0	5,334	603	942	798	860
New Hampshire	3,047	3,061	2,976	2,856	19.6	3,719	759	1,254	1,207	1,258
Vermont	2,802	2,978	2,537	2,574	10.8	2,616	667	953	917	952
Massachusetts	19,085	26,229	26,354	25,162	17.2	52,540	1,262	1,875	1,834	2,009
Rhode Island	2,971	4,028	4,307	4,008	16.8	7,487	1,070	1,437	1,604	1,756
Connecticut	8,455	9,811	9,711	9,591	13.0	19,289	1,124	1,812	1,679	1,862
Middle Atlantic	123,264	165,475	172,438	173,716	20.4	366,770	1,133	2,103	2,010	2,018
New York	61,703	82,204	87,307	87,225	19.0	209,023	1,256	2,493	2,414	2,322
New Jersey	17,440	25,555	26,571	26,887	18.1	56,354	1,282	2,113	1,864	2,006
Pennsylvania	44,111	57,716	58,600	59,604	23.4	101,393	920	1,620	1,540	1,593
East North Central	128,956	165,836	162,456	162,493	24.9	267,007	1,010	1,568	1,411	1,506
Ohio	33,751	41,432	41,353	42,086	27.5	65,456	1,088	1,665	1,522	1,506
Indiana	17,209	21,847	20,741	21,179	29.2	31,570	964	1,406	1,294	1,375
Illinois	36,569	47,766	47,677	45,438	23.3	77,297	1,081	1,630	1,369	1,608
Michigan	24,302	34,552	31,788	32,283	22.5	53,167	911	1,534	1,400	1,586
Wisconsin	17,094	20,239	20,899	21,407	22.6	29,517	915	1,309	1,280	1,307
West North Central	117,051	122,294	118,669	118,988	18.9	118,873	797	1,134	911	872
Minnesota	19,575	22,169	21,190	21,242	10.8	25,603	882	1,251	1,120	1,185
Iowa	27,660	24,585	24,387	24,319	16.4	23,113	827	1,094	875	932
Missouri	21,126	24,200	24,569	25,898	24.2	29,364	797	1,235	1,048	1,134
North Dakota	8,975	8,856	8,334	8,116	21.5	5,593	723	900	698	684
South Dakota	7,853	8,943	8,570	8,267	22.1	6,293	696	956	711	752
Nebraska	14,873	14,400	13,989	13,864	14.2	11,530	765	1,077	772	813
Kansas	16,089	19,141	17,339	17,282	18.2	17,264	761	1,159	855	903
South Atlantic	84,688	112,005	114,375	118,828	17.4	120,310	680	945	862	973
Delaware	1,134	1,420	1,672	1,629	19.0	2,740	848	1,570	1,555	1,628
Maryland	6,475	8,745	8,427	8,565	18.3	14,017	902	1,518	1,455	1,504
Dist. of Columbia	2,096	2,722	2,910	3,003	13.8	7,388	1,359	2,269	2,376	2,369
Virginia	14,271	16,477	16,586	16,914	14.1	15,383	546	801	810	834
West Virginia	11,221	15,837	16,191	14,833	26.2	18,080	639	1,023	1,091	1,096
North Carolina	16,852	23,375	23,144	23,751	15.4	22,428	464	873	735	897
South Carolina	9,699	13,398	13,663	14,309	16.8	10,612	464	783	637	734
Georgia	15,921	19,071	20,783	22,686	17.4	16,274	426	684	587	715
Florida	6,819	10,960	11,999	12,888	16.0	13,388	518	876	905	1,003
East South Central	51,145	65,922	69,394	72,242	23.8	53,465	423	804	676	695
Kentucky	13,348	15,323	17,359	17,558	26.5	15,740	413	895	787	835
Tennessee	13,277	18,331	19,847	20,181	25.5	16,245	404	902	718	726
Alabama	12,658	17,130	18,621	18,919	18.6	13,062	484	792	606	707
Mississippi	11,962	15,138	13,067	15,534	23.8	7,818	491	620	571	479
West South Central	83,832	80,837	88,654	91,860	22.9	90,244	643	923	826	951
Arkansas	10,476	12,990	12,256	12,738	27.0	7,330	477	673	504	571
Louisiana	8,966	12,173	13,085	14,001	18.5	13,861	723	941	793	882
Oklahoma	15,389	19,807	19,570	20,098	26.9	21,057	768	1,072	783	1,027
Texas	29,001	35,667	43,743	44,623	21.0	47,987	612	924	941	1,013
Mountain	30,130	35,336	32,809	33,719	25.6	43,180	956	1,330	1,143	1,220
Montana	7,215	6,422	5,348	5,468	20.5	6,248	958	1,215	1,073	1,077
Idaho	3,982	4,500	4,496	4,289	32.9	4,890	932	1,200	943	1,063
Wyoming	2,232	2,751	2,705	2,768	24.3	2,965	809	1,239	1,023	1,087
Colorado	7,386	9,744	8,776	9,048	22.4	12,015	929	1,453	1,248	1,394
New Mexico	2,752	3,400	3,432	3,709	21.2	4,526	803	1,113	984	1,030
Arizona	1,655	3,273	2,832	3,151	25.5	5,164	1,279	1,637	1,399	1,535
Utah	3,904	4,452	4,404	4,429	36.6	6,135	992	1,330	1,177	1,324
Nevada	704	794	916	857	22.6	1,267	1,163	1,483	1,521	1,465
Pacific	36,998	64,116	59,672	55,748	20.8	121,758	1,182	1,949	1,632	2,003
Washington	9,877	11,140	10,585	10,219	25.4	18,919	1,229	1,556	1,369	1,746
Oregon	7,778	6,208	7,017	7,225	18.5	10,010	870	1,012	1,164	1,286
California	10,343	36,768	42,070	38,304	20.0	92,829	1,272	2,123	1,776	2,201
Alaska	164	253	297	300	28.0	1,325	1,602	1,602	1,602	1,602
American Samoa	—	26	59	64	—	12,904	—	444	264	190
Canal Zone	102	175	203	213	49.8	359,366	1,324	1,541	1,667	1,610
Guam	—	125	171	171	—	51,022	—	315	263	259
Hawaii	1,326	2,241	2,686	3,018	19.3	5,481,163	1,181	1,812	1,640	1,768
Philippine Islands	21,254	26,167	26,260	36,199	43.0	—	—	—	—	—
Puerto Rico	3,832	4,451	6,083	5,761	24.3	5,125,109	635	848	755	846
Virgin Islands	—	112	103	113	27.4	90,203	—	572	615	745

<sup>1</sup> Includes superintendents, principals, and supervisors for States not reporting them separately, but not for all States. These numbers are, therefore, somewhat smaller than those on which average annual salaries are based.

<sup>2</sup> Includes 231 part-time teachers.

<sup>3</sup> Estimated.

<sup>4</sup> For 1919.

<sup>5</sup> White schools.

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

No. 116.—SCHOOLS, PUBLIC ELEMENTARY AND SECONDARY—EXPENDITURES, BY STATES AND OUTLYING AREAS: 1934, 1936, AND 1938

DIVISION, STATE, OR OUTLYING AREA	TOTAL EXPENDITURES (THOUSANDS OF DOLLARS)			PER CAPITA OF TOTAL POPULATION (DOLLARS)			PER CAPITA OF ENROLLMENT (DOLLARS) <sup>1</sup>					
							For current expenses			For outlay		
	1934	1936	1938	1934	1936	1938	1934	1936	1938	1934	1936	1938
Continental U. S. . . . .	1,780,105	1,968,898	2,233,110	13.56	15.83	17.15	62.52	67.88	76.89	2.24	6.50	9.20
New England . . . . .	127,808	138,655	144,423	16.18	16.16	16.77	78.04	85.37	92.98	2.51	4.64	4.71
Maine . . . . .	8,831	8,400	9,700	10.56	9.95	11.29	51.30	50.50	55.88	.37	1.30	3.20
New Hampshire . . . . .	5,850	6,770	6,851	11.79	13.33	13.38	73.62	76.56	83.17	1.59	0.75	6.51
Vermont . . . . .	3,693	4,162	4,930	9.61	10.95	12.77	53.87	59.18	70.08	.30	1.92	2.50
Massachusetts . . . . .	72,885	78,619	78,527	16.85	17.77	17.74	87.06	95.27	100.89	4.07	6.40	5.49
Rhode Island . . . . .	10,798	11,878	13,586	15.86	17.44	19.95	85.16	91.30	96.76	1.14	5.97	16.78
Connecticut . . . . .	25,851	28,736	30,820	15.22	16.57	17.63	77.19	85.02	99.84	1.01	3.88	3.70
Middle Atlantic . . . . .	520,438	573,771	659,176	19.22	20.94	23.81	97.18	102.67	118.31	2.80	8.89	14.81
New York . . . . .	289,872	327,503	370,487	22.58	25.32	28.53	120.75	128.22	140.68	3.57	13.21	18.02
New Jersey . . . . .	83,888	88,969	96,897	19.75	20.56	22.22	98.25	102.75	122.26	2.33	6.55	6.73
Pennsylvania . . . . .	146,678	157,299	191,791	14.68	15.52	18.76	70.08	73.51	85.22	2.11	4.90	13.99
East North Central . . . . .	359,557	412,640	466,932	14.12	16.05	17.98	70.01	78.25	87.19	2.44	6.49	10.40
Ohio . . . . .	99,926	115,452	121,822	14.92	17.20	18.03	74.86	82.76	86.90	1.49	6.15	9.80
Indiana . . . . .	43,838	49,867	55,261	12.75	14.42	15.83	60.07	65.10	72.14	1.76	6.86	7.82
Illinois . . . . .	106,622	121,508	145,440	13.69	15.49	18.37	73.13	82.39	97.96	3.54	8.76	15.01
Michigan . . . . .	68,360	79,345	92,678	14.61	16.59	18.98	68.45	78.43	86.70	1.58	3.92	7.56
Wisconsin . . . . .	41,811	46,468	51,725	14.21	15.98	17.55	66.31	74.11	82.66	4.15	5.86	8.90
West North Central . . . . .	177,609	198,167	211,898	13.07	14.38	15.28	69.29	64.96	70.78	2.26	5.08	6.73
Minnesota . . . . .	39,306	46,128	47,892	16.02	17.51	17.74	68.25	77.80	81.19	1.92	6.18	8.09
Iowa . . . . .	39,947	38,942	41,497	13.45	15.31	16.20	61.45	67.17	73.84	.54	5.22	6.09
Missouri . . . . .	40,896	40,444	50,379	10.59	10.22	12.52	54.39	53.56	67.72	2.44	3.25	6.68
North Dakota . . . . .	9,501	10,840	10,326	13.63	15.42	14.54	57.57	65.89	67.65	1.56	4.03	2.82
South Dakota . . . . .	9,529	12,798	11,832	14.05	18.41	17.10	58.19	75.49	75.07	1.48	7.08	9.55
Nebraska . . . . .	17,163	19,014	19,297	12.58	14.60	14.15	52.95	60.28	68.92	1.23	4.38	2.63
Kansas . . . . .	27,208	29,161	31,085	14.82	15.46	16.90	38.80	63.88	67.93	5.89	6.51	9.82
South Atlantic . . . . .	143,408	171,578	198,016	8.40	10.06	11.29	33.98	39.41	44.81	1.94	3.53	5.16
Delaware . . . . .	4,380	5,442	4,271	17.31	21.01	16.24	81.80	87.68	92.47	13.32	20.14	1.95
Maryland . . . . .	21,435	23,210	24,410	12.89	13.87	14.40	65.20	70.02	74.72	7.56	7.46	7.36
Dist. of Col . . . . .	9,177	11,170	12,017	16.39	18.04	18.89	87.09	99.80	102.03	9.36	10.87	16.01
Virginia . . . . .	20,262	23,270	25,704	7.83	8.71	9.36	32.72	35.38	36.88	1.87	4.72	6.96
West Virginia . . . . .	19,761	24,440	25,738	10.97	13.36	13.50	44.40	52.22	55.54	1.04	2.12	2.40
North Carolina . . . . .	22,557	28,669	38,717	6.68	8.29	10.06	24.14	30.45	37.99	1.05	1.80	6.92
South Carolina . . . . .	11,700	14,616	17,055	6.95	7.86	9.02	23.49	26.74	31.47	.55	3.85	3.44
Georgia . . . . .	19,330	19,979	24,933	5.91	6.53	7.81	23.82	25.70	30.98	1.36	9.99	2.51
Florida . . . . .	14,706	20,782	23,761	9.27	12.66	13.96	37.74	60.09	55.35	.01	3.78	6.82
East South Central . . . . .	64,917	81,082	90,133	6.23	7.64	8.30	24.55	27.11	30.08	1.07	4.46	5.08
Kentucky . . . . .	17,034	21,613	23,826	6.07	7.50	8.04	26.96	31.93	35.37	.98	2.48	3.17
Tennessee . . . . .	18,876	22,040	24,289	6.61	7.70	8.30	28.16	30.64	34.50	.61	3.10	3.67
Alabama . . . . .	17,460	20,729	20,610	6.23	7.24	7.03	24.52	24.17	28.27	1.97	6.36	2.30
Mississippi . . . . .	11,548	16,700	21,402	5.89	8.32	10.49	18.25	21.61	21.83	.68	5.86	14.43
West South Central . . . . .	107,604	126,217	165,367	8.33	9.87	12.69	36.94	39.54	49.76	1.38	3.25	6.85
Arkansas . . . . .	9,069	10,408	13,643	4.59	6.15	6.57	18.66	21.23	26.31	1.00	1.35	3.01
Louisiana . . . . .	15,890	18,715	26,507	8.51	8.32	12.39	33.82	36.27	48.42	.52	1.24	3.99
Oklahoma . . . . .	25,139	24,754	34,713	10.10	9.79	13.50	38.85	36.45	52.51	1.47	1.17	1.84
Texas . . . . .	57,506	72,340	90,504	9.83	11.83	14.51	42.12	47.44	59.97	1.72	5.57	9.80
Mountain . . . . .	59,652	70,947	80,696	16.15	18.87	21.07	68.85	78.87	77.85	1.27	6.98	9.91
Montana . . . . .	8,825	11,180	11,768	16.62	21.05	21.47	73.65	87.64	94.77	1.39	10.84	11.82
Idaho . . . . .	6,755	8,684	10,047	14.28	17.90	20.01	55.21	62.30	68.00	1.87	9.44	13.85
Wyoming . . . . .	4,892	5,174	6,180	19.01	22.21	26.10	76.66	87.84	92.45	1.91	3.92	16.14
Colorado . . . . .	16,992	18,751	20,345	16.06	17.59	18.39	70.37	73.81	82.20	.78	4.40	5.90
New Mexico . . . . .	6,653	6,708	8,774	14.06	16.04	20.79	60.46	62.24	67.00	.63	5.90	9.96
Arizona . . . . .	6,671	7,521	9,774	17.28	18.52	23.33	70.57	72.75	80.09	1.23	2.61	8.72
Utah . . . . .	8,190	10,412	11,197	15.93	20.18	21.41	55.81	63.24	70.61	1.55	10.58	9.55
Nevada . . . . .	2,174	2,487	2,605	22.18	24.67	25.54	110.01	120.20	117.58	2.15	12.68	10.98
Pacific . . . . .	159,114	195,841	218,563	18.26	22.48	24.34	91.74	98.59	111.12	4.21	19.06	15.30
Washington . . . . .	22,036	27,299	31,545	13.89	16.58	18.83	63.09	73.92	85.96	1.58	7.20	3.93
Oregon . . . . .	13,049	15,746	17,653	13.06	15.48	16.99	63.85	72.97	82.59	.89	10.63	8.46
California . . . . .	124,029	152,856	169,365	21.99	25.23	27.04	105.52	110.09	122.06	5.61	23.95	19.67
Alaska <sup>2</sup> . . . . .	804	695	780	13.18	11.21	12.38	116.04	108.75	118.96	28.68	3.72	2.18
American Samoa . . . . .	16	21	16	13.99	1.95	1.48	7.04	10.10	6.14	-----	-----	-----
Canal Zone . . . . .	618	472	428	13.44	9.43	7.02	56.21	68.50	69.44	28.54	.20	-----
Guam . . . . .	60	67	66	2.88	3.05	2.86	14.79	14.75	14.29	-----	-----	-----
Hawaii . . . . .	5,091	5,643	7,533	12.24	14.36	20.09	60.84	63.49	77.00	1.69	2.10	7.38
Philippine Islands . . . . .	11,470	12,527	14,350	.89	.94	1.08	9.22	8.93	8.88	.52	1.20	1.04
Puerto Rico . . . . .	4,827	5,554	8,377	2.93	3.19	4.55	19.96	20.57	25.87	2.00	.82	5.60
Virgin Islands . . . . .	108	104	222	4.92	4.73	10.08	30.61	31.49	37.50	.14	.34	27.72

<sup>1</sup> Enrollment in night, summer, part-time, and continuation schools not included where separately reported.  
<sup>2</sup> White schools.

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

No. 117.—SCHOOLS, PUBLIC ELEMENTARY AND SECONDARY—ENROLLMENT, WHITE AND NEGRO, FOR 18 STATES: 1934, 1936, AND 1938

STATE	ENROLLMENT IN—						AVERAGE DAYS ATTENDANCE PER PUPIL ENROLLED	
	White schools			Negro schools			White	Negro
	1934	1936	1938	1934	1936	1938	1938	1938
Total.....	7,648,815	7,774,648	7,688,000	2,430,098	2,438,981	2,411,967	141	120
Delaware.....	38,801	38,882	37,890	7,147	7,218	7,096	162	150
Maryland.....	237,310	239,781	235,165	50,368	58,376	58,531	106	164
District of Columbia.....	61,437	64,675	64,056	32,675	35,132	36,016	152	147
Virginia.....	424,767	431,864	429,226	160,890	160,174	154,330	149	137
West Virginia.....	409,371	421,073	415,137	25,493	28,659	28,652	156	159
North Carolina.....	614,784	618,571	613,557	280,741	270,204	268,287	146	136
South Carolina.....	267,870	258,623	264,800	228,842	219,292	223,940	147	105
Georgia.....	491,529	485,135	465,071	273,336	263,402	265,823	140	115
Florida.....	277,629	284,483	281,407	104,881	101,280	102,438	142	133
Tennessee.....	539,498	539,820	530,161	115,809	113,391	107,769	135	134
Alabama.....	435,995	445,810	443,820	212,986	231,252	223,652	126	114
Mississippi.....	308,775	308,775	301,486	299,261	299,261	288,722	131	87
Missouri.....	675,342	604,520	659,047	44,246	46,736	46,565	147	152
Arkansas.....	347,791	348,837	352,114	108,889	112,032	113,158	126	105
Louisiana.....	264,269	264,267	264,192	167,338	171,337	166,754	152	124
Oklahoma.....	575,802	608,528	590,026	47,605	249,521	48,636	136	134
Texas.....	1,098,318	1,140,200	1,133,031	213,344	24,427	222,370	142	119
Kentucky.....	559,527	580,814	572,689	50,157	47,287	45,629	123	132

No. 118.—HIGH SCHOOLS, PUBLIC AND PRIVATE—ENROLLMENT

NOTE.—From State reports; no data included for seventh and eighth grade pupils in junior high schools

DIVISION AND STATE	PUBLIC			Private, 1938	DIVISION, STATE, OR OUTLYING AREA	PUBLIC			Private, 1938
	1930	1936	1938			1930	1936	1938	
Cont'l U. S.....	4,399,422	5,974,637	6,226,934	446,833	S. Atl.—Con.				
					Georgia.....	80,701	106,004	111,579	3,182
					Florida.....	45,207	66,913	72,310	2,450
New England.....	297,607	410,555	408,403	66,743	E. S. Central.....	245,503	325,139	344,334	20,460
Maine.....	30,005	37,360	37,761	7,328	Kentucky.....	62,470	84,260	91,511	8,287
N. Hampshire.....	14,168	20,390	20,318	6,680	Tennessee.....	69,691	94,895	97,046	4,820
Vermont.....	11,600	12,734	13,158	3,056	Alabama.....	61,054	81,268	87,278	4,983
Massachusetts.....	105,408	224,260	227,631	29,566	Mississippi.....	52,288	64,710	67,890	2,356
Rhode Island.....	17,386	28,040	28,264	7,109	W. S. Central.....	444,420	660,397	608,463	20,249
Connecticut.....	59,360	85,771	80,971	12,995	Arkansas.....	46,280	61,262	65,508	1,520
Middle Atlantic.....	843,156	1,342,791	1,413,398	123,616	Louisiana.....	57,843	78,495	86,743	10,366
New York.....	424,834	651,322	714,604	56,166	Oklahoma.....	104,159	127,243	133,279	1,802
New Jersey.....	119,929	205,792	202,260	19,411	Texas.....	236,138	293,397	322,933	6,661
Pennsylvania.....	298,392	485,677	496,604	48,039	Mountain.....	170,567	216,511	223,123	8,420
E. N. Central.....	978,973	1,285,813	1,288,686	106,645	Montana.....	24,787	32,981	31,980	1,644
Ohio.....	265,721	338,606	343,982	28,744	Idaho.....	27,172	32,627	32,898	488
Indiana.....	144,001	180,837	186,260	6,611	Wyoming.....	11,164	14,746	15,522	113
Illinois.....	301,119	351,682	347,382	34,127	Colorado.....	43,217	55,014	54,462	3,528
Michigan.....	161,795	264,152	236,070	25,270	New Mexico.....	12,587	14,880	20,570	1,431
Wisconsin.....	106,337	168,636	172,942	11,893	Arizona.....	15,259	18,850	20,348	779
W. N. Central.....	569,523	681,783	697,421	44,388	Utah.....	32,619	42,424	42,057	637
Minnesota.....	98,613	141,690	130,848	8,884	Nevada.....	3,702	4,972	5,286	
Iowa.....	117,229	135,451	136,504	12,476	Pacific.....	365,097	493,846	508,323	24,213
Missouri.....	132,050	147,296	160,641	10,905	Washington.....	85,428	101,427	105,293	5,018
North Dakota.....	29,697	33,428	34,039	2,635	Oregon.....	47,687	56,928	60,487	2,481
South Dakota.....	31,338	38,049	37,729	1,334	California.....	231,982	310,291	342,543	16,714
Nebraska.....	65,986	79,175	81,281	3,749	Alaska.....	785	1,292	1,361	11
Kansas.....	91,610	106,671	107,319	4,385	American Samoa.....		43	72	180
S. Atlantic.....	484,277	682,922	736,833	32,119	Canal Zone.....	632	1,132	955	
Delaware.....	7,009	11,470	11,653	1,575	Guam.....		108	76	153
Maryland.....	42,296	58,663	61,263	10,075	Hawaii.....	7,060	12,675	16,993	4,500
Dist. of Col.....	16,399	22,653	24,380	3,398	Philippine Islands.....	71,155	55,563	68,084	
Virginia.....	74,027	105,031	114,359	5,042	Puerto Rico.....	7,054	10,572	12,329	2,697
West Virginia.....	48,814	76,907	83,025	1,963	Virgin Islands.....	63	229	308	98
N. Carolina.....	116,937	165,864	181,202	2,354					
S. Carolina.....	52,897	69,417	76,162	2,080					

Source of tables 117 and 118: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems.

No. 119.—HIGH SCHOOLS AND ACADEMIES—TEACHERS, PUPILS, AND GRADUATES, BY SEX, FOR CONTINENTAL UNITED STATES: 1900 TO 1938

NOTE.—Data are from reports received from the schools. In 1938, 25,250 public high schools out of a total of 25,467 furnished complete reports. The total enrollment in all high schools as reported by the State departments of education is shown for 1920, 1930, and 1938 in table 120

	1900	1910	1920	1930	1934	1938
<b>ALL HIGH SCHOOLS AND ACADEMIES</b>						
Schools reporting.....	7,983	11,994	16,419	24,997	26,214	27,850
Total secondary pupils <sup>1</sup> .....	680,048	1,032,461	2,041,308	4,454,721	5,610,691	6,628,500
Percent of total population.....	0.83	1.12	1.93	3.63	4.43	5.01
Number of persons 14 to 17 years of age in total population <sup>2</sup> .....	38,116,795	7,220,298	7,735,841	9,341,221	9,648,700	9,740,000
Ratio of number of pupils to total number of age specified, percent.....	10.30	14.30	26.39	47.69	58.15	67.04
<b>PUBLIC HIGH SCHOOLS</b>						
Schools reporting.....	6,005	10,213	14,326	22,237	23,614	25,250
Teachers, total.....	20,372	41,667	497,654	4,218,806	4,227,727	4,278,469
Men.....	10,172	18,890	34,396	74,532	87,703	115,746
Women.....	10,200	22,777	63,258	139,774	140,024	162,713
Secondary pupils, total <sup>1</sup> .....	518,251	915,061	1,857,155	4,145,669	5,340,563	6,259,372
Boys.....	216,207	398,525	822,967	1,991,202	2,644,230	3,020,597
Girls.....	303,044	516,536	1,034,188	2,154,467	2,696,333	3,238,775
Negro pupils (included above).....	8,596	12,656	27,631	118,397	189,087	328,340
First year.....	(3)	392,505	742,320	1,460,459	1,702,817	1,834,373
Second year.....	(3)	247,936	498,796	1,132,061	1,435,636	1,560,233
Third year.....	(3)	163,176	346,684	852,012	1,150,868	1,328,923
Fourth year.....	(3)	111,444	261,369	684,985	950,011	1,116,994
Postgraduate.....	(3)	(3)	7,986	16,152	695,231	657,548
Evening schools.....	(3)	(3)	(3)	(3)	(3)	266,824
Ungraded vocational schools.....	(3)	(3)	(3)	(3)	(3)	34,472
Percent of total population in public high schools.....	0.69	.99	1.76	3.38	4.22	4.81
Number graduated during year, total.....	61,737	111,363	230,902	591,719	806,510	1,029,549
Boys.....	22,575	43,657	90,516	267,295	382,871	481,123
Girls.....	39,162	67,706	140,386	324,421	423,639	548,426
<b>PRIVATE HIGH SCHOOLS AND ACADEMIES</b>					<b>1933<sup>7</sup></b>	
Schools reporting.....	1,978	1,781	2,093	2,760	2,600	
Teachers, total.....	10,117	11,146	14,946	22,014	18,175	
Men.....	4,275	4,512	5,698	8,680	7,204	
Women.....	5,842	6,634	9,248	13,434	11,881	
Secondary pupils, total.....	110,797	117,400	184,153	309,052	270,128	
Boys.....	55,734	55,474	84,222	146,517	128,210	
Girls.....	55,063	61,926	99,931	162,535	143,918	
Negro pupils (included above).....	2,590	3,832	9,256	9,368	6,760	
Total in schools for boys only.....	(3)	26,838	47,925	88,137	73,723	
Total in schools for girls only.....	(3)	28,317	55,659	91,605	83,050	
Total in coeducational schools.....	(3)	62,245	80,570	129,310	113,355	

<sup>1</sup> Excludes seventh and eighth grades in junior high schools.

<sup>2</sup> Census enumerations except figure for 1934 which is census estimate as of July 1 and figure for 1938 which is estimate by Scripps Foundation.

<sup>3</sup> Excluding data for Indian Territory, which is not included in public-school statistics.

<sup>4</sup> Includes teachers in junior high schools as follows: 1920, 1,361 men, 5,069 women; 1930, 9,277 men, 30,755 women; 1934, 10,404 men, 29,629 women; 1938, 14,845 men, 33,240 women.

<sup>5</sup> No data.

<sup>6</sup> Includes 34,633 special students for 1934 and 18,851 for 1938.

<sup>7</sup> Latest data available; included in 1934 and 1938 totals.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Public High Schools and chapter on Private Elementary and Secondary Schools, 1932-34, for statistics on private schools.



No. 120.—SCHOOL AND COLLEGE ENROLLMENTS AND EXPENDITURES, FOR CONTINENTAL UNITED STATES: 1900 TO 1938

SCHOOLS	1900	1910	1920	1930	1938
ENROLLMENT					
Elementary and kindergarten, total <sup>1</sup> .....	16,224,784	18,457,228	20,804,488	23,588,479	22,042,902
Kindergartens (public and private).....	225,394	<sup>2</sup> 248,189	510,949	777,899	644,840
Public elementary schools and kindergartens.....	14,983,859	16,898,791	19,378,927	21,278,593	<sup>3</sup> 19,790,426
Private elementary schools and kindergartens (largely estimated).....	1,240,925	1,558,437	1,485,561	2,309,886	2,252,476
Secondary students, total <sup>1</sup> .....	695,903	1,111,393	2,495,676	4,799,867	8,738,939
Public high schools.....	519,251	915,061	<sup>4</sup> 2,200,389	<sup>4</sup> 4,309,422	<sup>4</sup> 6,226,934
Private high schools.....	110,797	117,400	<sup>4</sup> 213,920	<sup>5</sup> 341,168	<sup>6</sup> 446,833
Public and private institutions of higher education <sup>7</sup> .....	65,855	78,932	81,367	59,287	63,172
Students in institutions of higher education, total.....	237,592	355,215	597,880	1,100,737	1,350,905
Normal schools and teachers' colleges (excluding secondary students).....	69,593	88,561	135,435	176,462	145,649
Colleges, universities, and professional schools (excl. preparatory students).....	167,999	266,654	462,445	924,275	1,205,256
Percent of total population in institutions of higher education.....	.31	.39	.57	.90	1.04
EXPENDITURES (thousands of dollars) <sup>8</sup>					
Public elementary and secondary schools.....	214,965	426,250	1,036,151	2,316,700	2,233,110
Private elementary and secondary schools.....	( <sup>9</sup> )	53,542	( <sup>9</sup> )	233,277	214,862
Public institutions of higher education <sup>10</sup> .....	45,786	91,896	{ 115,597	288,909	<sup>11</sup> 279,833
Private institutions of higher education <sup>10</sup> .....			{ 100,769	343,340	<sup>11</sup> 265,824

<sup>1</sup> Excluding pupils in residential schools for exceptional children.

<sup>2</sup> 1912.

<sup>3</sup> Includes 42,252 elementary pupils in college training schools and colleges.

<sup>4</sup> From State reports.

<sup>5</sup> Figure for 1928.

<sup>6</sup> Estimated.

<sup>7</sup> Includes secondary students in teacher-training institutions.

<sup>8</sup> Including outlays. Expenditures for education in all schools reporting finances, including schools for the delinquent, deaf, blind, feeble-minded, and Indians, not shown in this table, amounted to \$3,233,601,000 in 1930 and \$3,003,018,000 in 1938. The latter figure excludes auxiliary operations (see note 11).

<sup>9</sup> No data.

<sup>10</sup> Expenditures for all departments, including preparatory.

<sup>11</sup> Excludes expenditures for auxiliary enterprises and activities, included in prior years, amounting to \$51,476,000 for public institutions and \$87,718,000 for private institutions.

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

No. 121.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND RECIPIENTS OF DEGREES, BY SEX, FOR CONTINENTAL UNITED STATES: 1932 TO 1938

NOTE.—Data in this table cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For student enrollment for earlier years, see table 120

	1932	1934	1936	1938
Faculty (reduced to full-time basis), total.....	100,789	99,935	110,225	123,677
Men.....	71,680	71,592	78,316	87,990
Women.....	29,109	28,343	31,909	35,687
Resident college enrollment, total.....	1,154,117	1,056,380	1,208,227	1,350,905
Men.....	667,181	615,720	709,672	803,893
Women.....	486,936	439,640	498,555	547,012
Degrees conferred:				
Baccalaureate and first professional, total.....	138,063	136,156	143,125	164,943
Men.....	83,271	82,341	86,067	97,678
Women.....	54,792	53,815	57,058	67,265
Masters, including advanced engineering (men and women).....	19,339	18,264	18,302	21,628
Doctors (men and women).....	2,900	2,815	2,770	2,932
Honorary (men and women).....	1,167	1,280	1,347	1,500

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

No. 122.—JUNIOR COLLEGES—NUMBER AND ENROLLMENT, FOR CONTINENTAL UNITED STATES: 1918 TO 1938

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1918.....	46	4,504	14	1,367	32	3,137
1920.....	52	8,102	10	2,940	42	5,162
1922.....	80	12,124	17	4,771	63	7,353
1924.....	132	20,559	39	9,240	93	11,319
1925.....	153	27,065	47	13,859	106	13,236
1926.....	248	44,855	114	28,437	134	16,418
1927.....	277	55,616	129	36,501	148	19,115
1928.....	342	86,063	159	58,887	183	26,176
1929.....	322	78,480	152	55,869	170	22,611
1930.....	415	102,453	187	70,557	228	31,896
1938.....	453	121,510	209	82,041	244	39,469

No. 123.—INSTITUTIONS OF HIGHER EDUCATION—INCOME AND EXPENDITURES, FOR CONTINENTAL UNITED STATES: 1932 TO 1938

NOTE.—All money figures in thousands of dollars. See headnote, table 121. For total expenditures for earlier years, see table 120

	1932	1934	1936	1938
<b>INCOME</b>				
Number of institutions reporting.....	1,380	1,357	1,541	1,586
Income for educational and general and for plant extension purposes, total.....	508,254	430,528	491,100	580,372
Student fees.....	150,649	138,257	158,134	178,996
Endowment earnings.....	60,903	55,533	60,090	70,654
Federal Government.....		19,827	43,234	29,345
State governments.....	174,668	117,561	119,585	140,959
County, city, and district governments.....				
Private gifts and grants.....	29,945	27,465	37,115	36,908
Sales and service of organized activities.....	21,009	17,759	24,943	27,947
Other (including that for increase of physical plant).....	71,083	54,133	26,955	73,472
Auxiliary enterprises and activities.....	114,267	97,637	106,479	130,523
Income for increase of permanent funds.....	47,677	27,478	47,039	49,583
<b>EXPENDITURES</b>				
Number of institutions reporting.....	1,357	1,327	1,540	1,586
Expenditures for educational and general purposes, total.....	420,633	369,661	419,883	475,192
General administration and expense.....	47,232	43,155	48,069	56,406
Resident instruction:				
Colleges, schools, and departments.....	232,645	203,332	225,144	253,006
Related activities.....	21,297	14,155	20,241	24,031
Organized research.....	21,978	17,064	22,091	25,213
Libraries.....	11,379	13,387	15,531	17,588
Physical plant operation and maintenance.....	56,797	51,046	56,802	62,738
Extension.....	24,066	20,020	29,427	34,189
Other.....	5,239	7,502	2,580	2,020
Auxiliary enterprises and activities.....	115,890	99,668	121,508	130,194
Capital outlay, total.....	98,290	29,503	47,309	70,466
Building and grounds.....	83,272	22,365	39,606	58,523
Equipment.....	15,018	7,138	7,764	11,943

Source of tables 122 and 123: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

No. 124.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY, ENROLLMENT, AND

DIVISION, STATE, OR OUTLYING AREA	Number of institutions, 1938	FACULTY, 1938 (reduced to full-time basis) <sup>1</sup>		STUDENTS OF COLLEGE GRADE						
		Men	Women	Total enrollment excluding duplicates <sup>2</sup>			Arts and sciences, 1938			
				1934	1936	1938	Undergraduate			
					Total	Men	Women	Men	Women	
Continental U. S.	1,690	87,890	35,687	1,055,360	1,208,227	1,350,905	803,893	547,012	374,147	315,143
New England	137	8,042	2,881	73,374	78,508	87,611	67,139	30,472	25,714	16,695
Maine	15	436	205	4,536	4,725	5,306	3,053	2,253	1,476	1,256
New Hampshire	7	548	140	5,066	5,171	5,502	4,082	1,420	3,276	940
Vermont	10	396	157	2,037	2,147	3,514	1,844	1,670	1,281	1,129
Massachusetts	65	4,890	1,607	47,131	50,439	50,916	36,797	20,119	12,081	11,255
Rhode Island	6	514	173	4,400	5,036	5,081	3,482	1,599	2,251	536
Connecticut	24	1,258	539	9,004	9,985	11,292	7,881	3,411	5,340	1,579
Middle Atlantic	222	19,984	6,022	245,474	262,070	290,797	177,670	113,127	75,341	56,510
New York	101	11,040	3,595	161,852	173,255	193,473	114,210	79,263	50,358	42,287
New Jersey	30	1,477	409	14,054	17,633	19,706	14,551	5,155	7,734	2,502
Pennsylvania	91	6,867	2,018	69,568	71,182	77,618	48,909	28,709	17,240	11,721
East North Central	319	16,292	6,383	209,840	253,176	287,271	176,417	110,854	74,220	57,865
Ohio	62	4,453	1,641	59,326	66,346	75,770	46,323	20,447	18,336	15,210
Indiana	38	2,224	741	23,522	27,126	30,558	20,572	9,686	6,794	4,937
Illinois	90	5,215	1,904	67,071	87,772	98,460	59,886	38,580	24,890	21,511
Michigan	68	2,797	1,248	36,232	45,845	54,324	32,775	21,649	15,551	11,830
Wisconsin	61	1,603	789	22,789	26,087	28,153	16,801	11,292	7,149	4,237
West North Central	249	9,787	4,558	124,680	137,131	145,643	95,032	60,811	40,000	32,399
Minnesota	36	1,720	835	26,425	28,394	30,069	17,594	12,475	8,328	6,798
Iowa	69	1,995	948	22,196	26,452	27,329	16,137	11,192	8,333	6,709
Missouri	54	2,752	1,116	30,148	31,690	34,760	20,151	14,618	7,734	7,610
North Dakota	10	480	210	7,244	6,118	7,410	4,218	3,194	1,791	992
South Dakota	10	501	269	4,722	5,812	5,532	3,110	2,422	1,479	1,268
Nebraska	24	911	464	13,682	15,766	15,984	9,368	6,616	3,527	2,782
Kansas	43	1,422	726	20,263	22,899	24,650	14,456	10,094	6,308	6,641
South Atlantic	258	10,393	5,100	107,991	131,556	148,693	82,977	65,706	45,768	44,963
Delaware	3	120	44	827	842	981	585	366	202	244
Maryland	28	1,430	637	13,461	14,652	15,365	9,520	5,839	4,834	3,883
District of Columbia	21	1,245	400	14,731	19,263	21,352	13,713	7,639	4,660	4,050
Virginia	42	1,772	963	18,077	20,353	23,155	12,555	10,600	7,246	5,980
West Virginia	21	691	309	9,142	12,091	13,118	6,822	6,296	4,314	3,748
North Carolina	52	2,037	1,006	21,027	26,285	28,739	15,102	13,628	10,097	9,214
South Carolina	31	941	475	9,391	11,252	13,067	7,388	6,679	4,460	5,770
Georgia	47	1,343	805	15,021	17,738	20,816	11,395	9,420	5,766	7,933
Florida	14	749	371	6,314	9,080	11,200	5,891	5,309	4,319	4,132
East South Central	139	4,899	2,853	58,522	69,553	73,890	38,741	34,688	18,156	20,307
Kentucky	36	1,145	723	17,929	19,862	19,997	10,468	9,529	4,836	6,019
Tennessee	44	1,755	793	19,300	22,003	23,578	11,856	11,722	5,954	6,008
Alabama	25	1,215	702	13,027	16,547	17,817	10,066	7,751	3,757	3,808
Mississippi	34	784	635	7,666	11,141	11,917	6,351	5,566	3,608	4,472
West South Central	168	6,552	3,486	88,677	109,220	125,369	70,694	54,675	34,271	34,219
Arkansas	23	739	423	7,617	8,762	9,563	5,558	4,005	3,161	2,680
Louisiana	21	1,383	658	13,025	18,090	21,813	12,962	8,851	6,477	4,637
Oklahoma	37	1,186	733	23,264	27,470	28,273	15,332	12,941	9,275	5,746
Texas	87	3,244	1,672	44,171	54,898	65,720	36,842	28,878	19,255	21,147
Mountain	60	3,132	1,218	39,224	45,882	50,982	30,909	20,073	12,738	10,630
Montana	10	328	149	4,450	5,224	5,792	3,351	2,441	1,272	1,256
Idaho	9	360	120	4,600	5,619	5,748	3,625	2,123	1,393	1,219
Wyoming	1	155	46	1,191	1,682	2,047	1,315	782	617	317
Colorado	17	956	394	11,717	13,334	15,427	9,165	6,262	3,274	3,644
New Mexico	7	373	142	2,602	3,558	4,101	2,593	1,608	1,168	638
Arizona	5	292	124	4,552	5,008	5,404	3,180	2,224	1,368	953
Utah	10	563	211	9,122	10,393	11,242	6,939	4,303	3,272	2,250
Nevada	1	105	21	990	1,064	1,221	741	480	371	353
Pacific	144	8,427	3,188	107,578	121,133	137,191	80,265	59,926	47,940	41,555
Washington	22	1,232	456	16,467	21,315	24,296	14,426	9,878	6,578	6,365
Oregon	20	816	362	9,208	12,603	14,246	8,669	5,677	3,461	2,438
California	102	6,379	2,370	81,903	87,215	98,649	57,170	41,470	37,901	32,752
U. S. Service Schools	3	547				4,049	4,049			
Alaska	1	30	7	153	193	217	140	68	39	18
Canal Zone	1	7	2			143	79	64	79	64
Hawaii	1	202	70	1,601	2,003	2,478	1,147	1,331	543	442
Philippine Islands	3	473	98		8,970	7,991	6,001	1,990	1,266	670
Puerto Rico	2	306	141	1,788	2,485	4,199	1,909	2,290	590	314

<sup>1</sup> Includes administrative officers, extension service, and organized research, in addition to regular force.  
<sup>2</sup> Includes data for special and unclassified students not accounted for separately.

RECIPIENTS OF DEGREES, BY STATES, TERRITORIES, AND OUTLYING POSSESSIONS: 1938

STUDENTS OF COLLEGE GRADE—continued						NONCOLLEGIATE (excluding training schools) 1938		DEGREES CONFERRED, 1938 <sup>3</sup>			
Arts and sciences, 1938—Continued		Professional (all departments) 1938						Baccalaureate and first-professional		Graduate	
Graduate		Undergraduate		Graduate							
Men	Women	Men	Women	Men	Women	Elementary	Secondary	Men	Women		
29,085	19,862	381,203	199,981	26,789	15,096	3,396	32,874	97,678	67,265	24,560	1
2,643	1,201	26,833	11,937	1,983	627		1,647	8,951	4,708	2,167	2
6,822	4,484	1,230	983	27	6		180	523	270	40	3
43	15	837	465	32			27	815	124	45	4
21	22	529	517	13	2			279	240	35	5
1,674	897	21,427	7,515	1,713	352		1,330	5,465	3,163	1,572	6
249	118	973	945	9				561	309	192	7
545	141	1,828	1,512	189	167		101	1,308	602	277	8
8,756	5,868	85,228	42,463	10,880	8,307	145	4,909	21,067	12,969	7,650	9
6,822	4,484	51,010	25,604	7,968	6,900	145	3,759	11,714	7,625	5,871	10
209	16	6,487	2,618	323	20		81	1,757	861	226	11
1,635	1,368	27,731	14,241	2,509	1,387		1,069	7,596	4,483	1,553	12
7,084	5,480	91,339	46,577	5,090	2,466		4,798	20,921	13,040	5,817	13
1,181	828	24,287	12,876	1,195	614		388	5,073	3,656	1,137	14
3,477	251	12,000	4,787	362	111		579	3,031	1,894	579	15
1,298	3,050	30,659	14,451	1,467	504		2,086	6,558	3,888	2,124	16
1,222	947	14,757	7,880	1,648	1,123		596	3,998	2,494	1,312	17
906	404	8,676	6,583	418	114		544	2,263	1,608	665	18
2,613	1,371	41,087	25,964	2,245	765	769	6,033	10,804	6,893	2,313	19
389	339	7,067	5,352	1,115	250		1,838	2,233	1,422	435	20
1,022	493	6,483	3,754	319	164		874	2,169	1,375	758	21
503	282	11,667	6,586	252	110	43	970	2,638	1,548	466	22
120	47	2,287	2,149	18	6		117	445	284	57	23
36	13	1,590	1,147	14			439	428	244	31	24
196	76	5,608	3,746	157	42	540	1,021	1,191	814	218	25
277	121	5,785	3,230	370	193	25	774	1,800	1,206	348	26
2,414	1,365	33,827	19,083	1,782	560	1,449	5,032	10,758	8,510	1,725	27
4		1,289	1,151				187	88	63	6	28
441	135	3,797	1,670	491	112		96	1,242	772	249	29
870	719	7,453	2,609	741	274	61	308	1,659	710	577	30
325	47	5,465	4,773	163	38		707	1,733	1,250	175	31
53	25	2,440	2,494	75	20		120	700	810	123	32
464	222	4,502	4,180	94	14	418	813	2,000	1,952	278	33
25	41	2,888	736	33	54	714	1,055	1,020	873	52	34
164	145	5,592	1,327	80	15		1,692	1,489	1,264	211	35
68	30	1,401	1,134	105	14	247	84	721	816	63	36
650	582	19,533	13,392	618	322	150	4,301	4,967	4,402	856	37
260	261	5,215	3,173	173	85	109	1,604	1,410	1,241	233	38
292	251	5,463	5,243	176	223	41	787	1,522	1,371	468	39
76	54	6,235	3,898	53	12		397	1,257	1,027	131	40
22	16	2,620	1,078	116	2		1,513	768	763	24	41
1,331	1,167	34,500	19,101	1,248	477	649	2,406	8,247	8,063	1,602	42
18	8	2,431	1,325	11	6		106	690	417	41	43
276	220	5,672	3,869	537	94	327	508	1,577	1,180	268	44
344	272	6,600	6,869	158	128	143	791	1,780	1,950	344	45
693	667	16,707	7,038	540	249	179	1,031	4,191	5,116	849	46
764	622	17,341	9,394	816	428		1,605	3,375	2,231	841	47
30	20	1,968	1,155	81	10		51	366	198	35	48
53	29	2,119	864	55	11		282	380	166	83	49
20	32	660	380	19	3			128	78	37	50
321	300	5,818	3,001	462	296		221	1,073	800	483	51
53	76	1,414	816				306	224	129	39	52
43	40	1,665	1,139	104	92			315	304	75	53
208	77	3,365	1,960	94	16		642	794	497	85	54
27	48	342	79	1				95	60	4	55
2,910	2,198	27,468	12,070	2,229	1,193	242	2,245	8,159	5,849	1,680	56
617	485	7,077	2,985	290	104		173	1,095	1,107	267	57
113	61	4,951	2,949	152	123	79	528	993	677	156	58
2,280	1,650	15,438	6,136	1,787	966	163	1,547	5,471	4,165	1,267	59
		4,049						738			60
		126	52					13	7		61
											62
21	18	540	794	47	105			118	80	20	63
23	20	4,677	1,293	81	44		909	545	182	15	64
1	8	1,318	1,968					242	160		65

<sup>3</sup> Not including honorary degrees. See table 121.

NO. 125.—PROFESSIONAL SCHOOLS—ENROLLMENT BY PRINCIPAL COURSES, BY STATES, TERRITORIES, AND OUTLYING POSSESSIONS: 1938

NOTE.—Data were reported by 771 institutions representing both independent and university schools. Number of students taking courses in professions other than those covered by this table were: Architecture, 3,916; fine arts, 6,698; forestry, 4,789; journalism, 2,816; library science, 1,404; music, 10,003; veterinary medicine, 2,362; all other, 39,861

DIVISION, STATE, OR OUTLYING AREA	Agriculture	Commerce and business	Dentistry	Education	Engineering	Home economics	Law	Medicine	Nursing	Pharmacy	Theology
Continental U. S.	29, 171	100, 388	7, 527	212, 661	82, 724	17, 814	37, 254	25, 435	8, 216	8, 306	12, 814
New England	997	3, 329	399	10, 463	6, 095	631	6, 662	2, 378	149	593	1, 457
Maine	417	—	—	1, 131	483	179	—	—	—	—	45
New Hampshire	239	103	—	543	411	—	—	38	—	—	—
Vermont	99	—	—	442	231	118	—	144	—	—	—
Massachusetts	—	7, 908	399	6, 395	4, 574	47	6, 007	1, 980	—	352	1, 074
Rhode Island	103	258	—	592	272	182	—	—	—	90	—
Connecticut	139	—	—	1, 300	124	105	—	545	216	140	150
Middle Atlantic	2, 754	30, 058	1, 902	52, 969	20, 301	2, 239	7, 378	5, 230	1, 372	2, 230	3, 294
New York	1, 513	21, 071	909	32, 132	10, 594	1, 818	5, 990	2, 804	467	1, 286	1, 371
New Jersey	368	966	—	3, 487	3, 111	—	404	—	—	213	604
Pennsylvania	873	8, 021	993	17, 350	6, 596	421	984	2, 432	905	731	1, 310
East North Central	4, 387	28, 872	1, 767	44, 434	23, 533	3, 367	6, 787	5, 986	2, 293	1, 836	2, 739
Ohio	1, 291	7, 981	327	10, 757	6, 533	838	1, 338	943	345	661	632
Indiana	668	3, 206	153	5, 018	5, 234	690	625	431	186	413	321
Illinois	1, 016	14, 177	848	9, 278	3, 956	546	2, 914	2, 955	1, 106	230	1, 491
Michigan	549	2, 795	282	10, 134	5, 788	744	1, 417	977	289	532	41
Wisconsin	933	1, 018	167	9, 247	2, 022	549	638	683	357	—	274
West North Central	5, 258	7, 421	1, 139	26, 253	10, 333	3, 974	2, 844	3, 436	1, 905	1, 005	1, 615
Minnesota	853	1, 085	301	5, 053	2, 586	683	702	1, 109	687	167	355
Iowa	1, 593	800	154	2, 527	2, 185	1, 468	427	384	256	167	110
Missouri	843	2, 114	540	7, 643	1, 565	178	751	926	537	200	994
North Dakota	364	189	—	2, 437	721	311	61	49	—	94	—
South Dakota	343	103	—	1, 298	523	169	87	31	—	91	—
Nebraska	490	1, 960	144	3, 850	825	421	524	606	290	181	65
Kansas	772	1, 070	—	2, 843	1, 928	744	292	331	135	105	82
South Atlantic	3, 872	3, 974	895	17, 755	7, 762	1, 879	6, 070	3, 019	702	741	1, 509
Delaware	60	—	—	69	178	62	—	—	—	—	80
Maryland	396	443	280	1, 622	704	185	615	668	117	183	525
District of Columbia	—	692	190	1, 031	595	—	4, 293	774	105	50	169
Virginia	551	1, 269	123	3, 311	1, 017	700	561	557	286	118	286
West Virginia	256	—	—	3, 681	438	171	146	41	—	47	—
North Carolina	339	56	—	5, 189	980	42	282	434	85	144	133
South Carolina	455	345	—	390	793	114	110	164	109	97	31
Georgia	536	373	302	987	2, 232	362	362	381	—	56	295
Florida	179	593	—	884	225	253	301	—	—	46	—
East South Central	2, 369	3, 807	243	17, 468	3, 706	1, 500	1, 315	1, 334	413	303	591
Kentucky	376	614	105	5, 910	614	238	398	343	—	95	471
Tennessee	681	782	138	6, 016	783	738	534	857	373	05	50
Alabama	794	1, 387	—	4, 709	1, 680	524	262	98	40	72	—
Mississippi	518	724	—	1, 733	628	—	121	36	—	41	—
West South Central	4, 929	5, 758	374	21, 973	10, 378	2, 031	2, 225	2, 310	545	413	1, 043
Arkansas	429	491	—	1, 074	441	250	141	303	—	—	96
Louisiana	610	1, 308	166	3, 651	1, 116	478	355	1, 033	148	77	—
Oklahoma	1, 057	2, 404	—	7, 745	2, 070	568	468	223	125	94	210
Texas	2, 524	1, 555	208	8, 903	5, 861	735	1, 261	751	272	242	787
Mountain	2, 564	3, 844	—	8, 779	5, 081	1, 228	855	302	86	330	68
Montana	217	530	—	794	765	159	85	—	26	61	—
Idaho	281	503	—	1, 275	406	—	47	—	—	136	—
Wyoming	190	—	—	381	358	83	40	—	—	—	—
Colorado	728	1, 534	—	1, 934	1, 512	350	287	240	60	123	68
New Mexico	283	60	—	1, 129	604	78	—	—	—	—	—
Arizona	237	—	—	1, 965	388	123	101	—	—	—	—
Utah	538	1, 297	—	1, 272	798	382	95	62	—	—	—
Nevada	90	—	—	29	250	53	—	—	—	—	—
Pacific	2, 961	8, 325	808	12, 557	5, 414	965	2, 928	1, 434	751	866	548
Washington	566	1, 708	—	3, 300	2, 080	326	2, 828	408	227	362	123
Oregon	757	1, 551	159	1, 382	889	639	429	275	258	152	—
California	1, 338	4, 900	640	7, 875	2, 445	—	1, 991	1, 160	266	352	425
U. S. Service Schools	—	—	—	—	122	—	—	—	—	—	—
Alaska	7	36	—	22	101	12	—	—	—	—	—
Hawaii	131	—	—	892	85	99	—	—	—	—	—
Philippine Islands	437	246	—	413	2, 413	41	741	550	346	185	40
Puerto Rico	412	307	—	1, 098	272	235	133	—	—	113	—

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

NO. 126.—INSTITUTIONS OF HIGHER EDUCATION—STUDENTS ENROLLED IN AND GRADUATING FROM TEACHER-TRAINING COURSES: 1934, 1936, AND 1938

NOTE.—This table covers students enrolled in educational courses in schools of arts and sciences, as well as those enrolled in professional schools and teacher-training institutions

DIVISION, STATE, OR OUTLYING AREA	STUDENTS IN REGULAR SESSION			GRADUATES					
	1934	1936	1938	1934		1936		1938	
				With degrees	Without degrees	With degrees	Without degrees	With degrees	Without degrees
Continental U. S. ....	287, 571	312, 269	313, 728	32, 227	22, 305	34, 224	21, 126	39, 461	17, 365
New England.....	14, 139	15, 771	16, 048	1, 609	1, 453	1, 595	896	1, 875	683
Maine.....	1, 654	1, 800	1, 683	17	358	36	145	122	251
New Hampshire.....	1, 025	693	651	45	148	42	135	38	67
Vermont.....	665	1, 133	718	—	30	8	134	18	128
Massachusetts.....	8, 083	9, 501	9, 782	1, 217	678	1, 222	452	1, 194	235
Rhode Island.....	765	943	780	169	167	—	143	—	—
Connecticut.....	1, 337	1, 711	1, 434	161	239	120	30	300	2
Middle Atlantic.....	64, 789	75, 340	73, 314	8, 719	3, 961	8, 891	3, 089	9, 883	2, 276
New York.....	38, 293	49, 395	46, 851	4, 919	1, 740	5, 120	1, 816	5, 014	1, 560
New Jersey.....	4, 521	3, 790	4, 197	616	1, 882	637	343	747	45
Pennsylvania.....	21, 975	22, 149	22, 266	3, 184	1, 339	3, 134	910	3, 502	662
East North Central.....	53, 549	57, 876	56, 840	6, 604	4, 430	6, 952	4, 299	8, 185	2, 808
Ohio.....	16, 011	15, 016	14, 670	1, 728	967	1, 690	1, 053	2, 202	986
Indiana.....	7, 771	7, 824	8, 311	812	789	855	573	871	546
Illinois.....	11, 578	14, 977	12, 500	1, 151	1, 652	1, 451	1, 002	1, 652	508
Michigan.....	8, 535	10, 430	10, 917	1, 545	746	1, 615	906	2, 017	219
Wisconsin.....	9, 654	9, 620	10, 442	1, 268	1, 121	1, 332	765	1, 443	640
West North Central.....	38, 993	37, 161	37, 583	3, 829	4, 948	3, 855	4, 040	3, 939	4, 302
Minnesota.....	8, 684	8, 960	7, 881	731	1, 053	825	635	899	383
Iowa.....	5, 300	5, 305	5, 554	292	678	276	771	350	688
Missouri.....	7, 757	7, 471	8, 099	1, 250	614	1, 239	347	1, 168	464
North Dakota.....	2, 900	2, 170	2, 664	305	497	205	557	239	670
South Dakota.....	2, 430	1, 989	2, 632	75	720	72	862	80	999
Nebraska.....	5, 425	5, 261	4, 779	541	438	509	536	570	635
Kansas.....	6, 488	6, 005	5, 984	635	948	619	902	633	1, 054
South Atlantic.....	30, 240	36, 925	39, 387	2, 215	2, 812	2, 492	2, 814	3, 086	1, 901
Delaware.....	307	312	296	12	7	18	—	20	—
Maryland.....	1, 090	2, 057	2, 272	117	340	191	143	203	122
District of Columbia.....	2, 987	2, 080	2, 318	199	7	243	9	257	45
Virginia.....	4, 752	5, 857	5, 443	459	921	581	654	564	478
West Virginia.....	4, 721	5, 276	4, 934	485	234	617	713	725	312
North Carolina.....	7, 773	8, 711	9, 985	401	762	480	546	743	50
South Carolina.....	2, 869	3, 409	4, 321	88	5	49	33	33	67
Georgia.....	3, 397	5, 432	5, 819	248	307	102	335	264	310
Florida.....	2, 344	2, 832	3, 999	206	329	211	381	277	508
East South Central.....	25, 377	26, 312	26, 538	2, 003	1, 515	2, 382	1, 462	2, 967	1, 376
Kentucky.....	9, 492	8, 980	8, 293	678	976	839	258	983	324
Tennessee.....	7, 087	6, 119	8, 295	759	99	857	88	991	318
Alabama.....	6, 634	7, 211	6, 415	385	318	465	769	585	555
Mississippi.....	2, 164	4, 002	3, 535	181	122	221	347	398	179
West South Central.....	26, 493	35, 993	36, 558	3, 425	502	4, 135	1, 628	5, 440	1, 153
Arkansas.....	2, 375	3, 112	3, 047	167	85	202	91	251	191
Louisiana.....	3, 801	3, 707	4, 942	353	277	391	392	677	148
Oklahoma.....	6, 977	11, 494	7, 878	1, 411	7	1, 356	464	1, 654	175
Texas.....	13, 340	17, 620	19, 691	1, 494	133	2, 186	681	2, 858	639
Mountain.....	13, 585	10, 272	11, 335	1, 352	1, 334	1, 469	1, 080	1, 801	1, 328
Montana.....	1, 073	1, 523	1, 195	38	342	52	346	55	388
Idaho.....	2, 298	1, 819	2, 061	136	328	129	232	170	379
Wyoming.....	292	358	381	50	43	45	49	69	48
Colorado.....	3, 578	3, 201	2, 856	449	310	463	227	592	295
New Mexico.....	1, 115	1, 510	1, 534	168	9	129	91	153	48
Arizona.....	1, 884	1, 359	1, 937	350	143	425	49	392	31
Utah.....	2, 488	467	1, 279	171	144	226	84	370	129
Nevada.....	257	35	92	—	15	—	12	—	8
Pacific.....	20, 416	16, 679	18, 115	2, 571	1, 250	2, 473	1, 228	2, 315	940
Washington.....	3, 408	2, 659	3, 976	290	626	337	410	503	431
Oregon.....	1, 821	3, 235	2, 059	99	430	166	489	163	385
California.....	15, 187	10, 785	12, 080	2, 182	194	1, 970	329	1, 659	124
Alaska.....	26	21	12	—	—	—	3	—	—
Hawaii.....	293	365	561	86	—	—	—	159	—
Philippine Islands.....	1, 657	2, 177	700	—	679	66	1, 679	103	—
Puerto Rico.....	598	600	1, 990	41	—	—	189	98	255

<sup>1</sup> For 1934.

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

No. 127.—INSTITUTIONS OF HIGHER EDUCATION—VOLUMES IN LIBRARIES, 1934 AND 1936, VALUE OF PROPERTY AND ENDOWMENTS, 1936 AND 1938, AND EXPENDITURES, 1938, BY STATES, TERRITORIES, AND OUTLYING POSSESSIONS  
 [All money figures in thousands of dollars]

DIVISION, STATE, OR OUTLYING AREA	VOLUMES IN LIBRARIES		VALUE OF PLANT AND PLANT FUND <sup>1</sup>		ENDOWMENT FUNDS		EXPENDITURES, 1938		
	1934	1936 <sup>2</sup>	1936	1938	1936	1938 <sup>3</sup>	Current	Capital outlay	Auxiliary activities
Continental U. S. . . . .	559,511,456	62,885,078	2,359,418	2,566,075	1,553,610	1,652,620	475,192	70,466	139,194
New England . . . . .	110,736,871	10,723,196	242,449	261,683	404,860	430,577	49,823	6,970	18,079
Maine . . . . .	512,200	482,741	12,158	13,641	12,307	11,661	2,701	141	865
New Hampshire . . . . .	523,000	541,909	15,820	16,933	17,852	18,815	3,307	620	1,373
Vermont . . . . .	262,561	344,869	8,374	9,573	8,316	8,876	2,065	150	820
Massachusetts . . . . .	4,5918,003	6,161,050	94,135	99,066	243,818	254,882	28,659	4,442	10,898
Rhode Island . . . . .	640,604	676,844	13,022	16,865	15,096	17,299	2,520	1,059	744
Connecticut . . . . .	2,062,903	2,616,883	98,870	104,705	107,441	119,044	10,481	558	3,439
Middle Atlantic . . . . .	11,472,348	12,470,073	539,584	569,805	389,704	402,610	104,569	9,639	27,778
New York . . . . .	6,200,014	6,946,526	288,465	312,796	235,617	243,564	63,627	4,297	14,687
New Jersey . . . . .	1,621,156	1,636,687	42,528	40,468	47,090	48,479	9,548	604	2,895
Pennsylvania . . . . .	3,651,178	3,886,060	208,591	210,551	106,997	110,567	31,394	4,738	10,194
East North Central . . . . .	12,131,471	12,820,715	466,341	495,228	248,114	258,948	99,588	13,423	25,798
Ohio . . . . .	3,266,938	3,526,005	117,076	122,109	81,874	76,152	23,240	1,671	8,023
Indiana . . . . .	1,308,432	1,390,568	53,667	62,086	18,461	19,111	12,300	3,324	4,452
Illinois . . . . .	4,074,306	4,420,878	151,243	155,669	116,654	127,890	30,074	5,440	7,408
Michigan . . . . .	1,716,855	1,879,573	90,562	105,432	18,647	22,692	20,031	2,229	2,948
Wisconsin . . . . .	1,765,940	1,504,691	47,793	49,930	12,478	13,094	12,947	760	2,065
West North Central . . . . .	6,892,479	7,037,179	252,700	271,771	101,949	105,167	52,772	7,995	12,314
Minnesota . . . . .	1,490,004	1,529,800	60,854	64,002	22,812	26,744	11,344	3,060	4,381
Iowa . . . . .	1,608,152	1,532,989	52,447	61,573	14,629	15,894	11,934	1,052	2,470
Missouri . . . . .	1,680,047	1,704,979	67,683	68,411	35,637	36,822	12,587	1,539	2,163
North Dakota . . . . .	261,881	289,180	9,377	9,615	6,862	6,347	2,202	206	399
South Dakota . . . . .	323,453	336,193	10,828	13,063	7,958	7,330	2,420	63	336
Nebraska . . . . .	697,225	640,967	21,192	21,663	5,643	4,583	4,967	1,144	1,314
Kansas . . . . .	931,717	1,003,071	30,319	33,444	8,408	7,423	7,312	931	1,201
South Atlantic . . . . .	6,075,796	6,468,304	326,527	373,451	149,951	167,766	60,846	9,990	20,294
Delaware . . . . .	68,298	62,255	4,434	5,007	627	625	757	173	157
Maryland . . . . .	995,545	969,185	69,368	92,425	33,205	35,509	7,349	322	1,744
Dist. of Columbia . . . . .	629,712	734,668	24,538	25,681	7,912	8,545	4,219	1,284	1,319
Virginia . . . . .	1,124,459	1,228,830	53,763	62,086	34,011	39,007	9,164	1,259	5,020
West Virginia . . . . .	462,893	536,318	21,587	20,945	2,236	3,401	3,479	559	1,060
North Carolina . . . . .	1,256,931	1,423,868	75,416	79,664	42,048	48,253	11,307	2,812	4,540
South Carolina . . . . .	510,782	505,481	24,169	27,522	4,067	5,905	4,273	1,670	2,172
Georgia . . . . .	727,636	858,219	38,477	43,154	21,301	23,864	6,706	1,334	2,710
Florida . . . . .	300,040	329,456	14,778	16,967	2,714	2,650	3,591	577	1,572
East South Central . . . . .	2,373,505	2,679,957	128,737	134,659	67,910	72,852	23,770	3,515	7,736
Kentucky . . . . .	680,240	753,324	31,083	32,103	11,132	11,346	5,741	350	1,458
Tennessee . . . . .	920,681	1,012,124	47,344	46,728	38,354	40,726	8,221	1,337	2,136
Alabama . . . . .	400,972	570,361	27,596	29,486	15,773	16,782	5,639	593	2,211
Mississippi . . . . .	311,712	344,148	20,714	23,342	2,651	3,698	3,869	1,235	1,930
West South Central . . . . .	3,092,843	3,350,082	159,557	184,943	86,607	91,884	38,359	7,289	11,296
Arkansas . . . . .	293,845	324,860	11,904	14,816	2,317	2,370	3,102	272	841
Louisiana . . . . .	490,559	595,302	34,565	38,205	17,241	14,422	7,114	3,024	2,104
Oklahoma . . . . .	570,320	606,833	25,295	30,923	8,833	9,852	7,508	1,313	1,572
Texas . . . . .	1,737,919	1,803,067	87,793	100,990	58,216	65,234	18,485	2,680	6,719
Mountain . . . . .	1,975,082	2,211,333	67,753	71,230	18,768	25,047	17,272	2,916	4,409
Montana . . . . .	239,103	303,683	9,060	10,184	2,895	4,425	1,981	328	719
Idaho . . . . .	164,528	190,250	6,373	6,941	3,313	5,652	1,936	188	598
Wyoming . . . . .	116,200	92,037	3,125	3,343	2,644	3,834	904	103	238
Colorado . . . . .	751,372	813,322	24,235	24,012	5,802	6,438	5,493	910	1,123
New Mexico . . . . .	127,458	149,495	4,868	5,483	823	1,992	1,637	445	449
Arizona . . . . .	187,117	138,146	7,687	8,323	50	844	2,040	495	684
Utah . . . . .	321,194	345,400	9,922	10,380	904	1,527	2,777	406	440
Nevada . . . . .	98,000	98,000	2,483	2,559	335	335	504	41	158
Pacific . . . . .	4,772,281	5,117,262	183,770	193,307	87,749	97,779	40,194	6,719	11,496
Washington . . . . .	908,060	1,077,326	29,601	26,075	6,312	14,433	6,292	1,142	1,407
Oregon . . . . .	607,549	705,399	20,767	24,543	5,797	6,280	4,087	516	1,152
California . . . . .	3,256,675	3,334,537	133,402	142,689	75,640	77,066	28,915	7,061	8,936
Alaska . . . . .	11,534	12,000	720	934	1	1	223	105	80
Hawaii . . . . .	77,462	91,673	2,387	3,028	8	34	938	137	143
Philippine Islands . . . . .		127,197	3,961	3,679	25	37	541		34
Puerto Rico . . . . .	42,731	51,000	1,831	3,622	710	1,115	1,509	522	109

<sup>1</sup> Grounds, buildings, and equipment.

<sup>2</sup> No data available for any year subsequent to 1936.

<sup>3</sup> Includes funds temporarily functioning as endowments.

<sup>4</sup> Revised.

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

No. 128.—SUMMER, EXTENSION AND CORRESPONDENCE, NURSE TRAINING, AND COMMERCIAL SCHOOLS—NUMBER OF STUDENTS, BY STATES AND FOR HAWAII, PHILIPPINES, AND PUERTO RICO

DIVISION, STATE, OR OUT- LYING AREA	Summer schools, students, <sup>1</sup> 1937	Extension and cor- respondence students, <sup>2</sup> 1938	NURSE-TRAINING SCHOOLS, 1936		COMMERCIAL SCHOOLS, 1933	
			Schools	Students	Schools	Students
Continental United States.	429, 864	371, 173	1, 381	79, 149	651	102, 286
New England.....	13, 306	12, 687	162	9, 519	80	13, 895
Maine.....	1, 127	218	24	707	5	484
New Hampshire.....	547	2	19	744	4	633
Vermont.....	1, 280	158	12	417	1	60
Massachusetts.....	8, 522	5, 432	79	5, 191	26	5, 822
Rhode Island.....	954	4, 640	7	635	7	4, 780
Connecticut.....	867	2, 237	21	1, 735	17	2, 097
Middle Atlantic.....	75, 115	60, 545	294	19, 654	149	27, 280
New York.....	50, 504	21, 431	115	8, 175	71	15, 024
New Jersey.....	3, 718	7, 333	48	3, 349	24	2, 548
Pennsylvania.....	20, 893	31, 781	131	8, 130	53	9, 708
East North Central.....	88, 955	69, 163	267	16, 036	123	17, 929
Ohio.....	19, 408	11, 189	71	4, 421	38	6, 138
Indiana.....	10, 750	10, 991	28	1, 723	18	2, 106
Illinois.....	27, 706	17, 142	108	5, 594	31	5, 482
Michigan.....	16, 429	9, 729	31	2, 563	23	3, 204
Wisconsin.....	12, 650	20, 112	29	1, 825	13	999
West North Central.....	52, 282	39, 437	178	9, 540	70	9, 988
Minnesota.....	9, 558	12, 193	29	2, 377	14	1, 579
Iowa.....	8, 832	5, 555	31	1, 643	13	1, 744
Missouri.....	15, 298	8, 647	30	1, 806	11	2, 063
North Dakota.....	1, 757	1, 910	16	915	8	620
South Dakota.....	2, 221	1, 877	16	532	3	333
Nebraska.....	6, 779	5, 635	14	900	3	510
Kansas.....	8, 037	4, 620	42	1, 377	18	3, 110
South Atlantic.....	54, 030	29, 801	182	8, 692	67	7, 173
Delaware.....	954	396	7	310	1	55
Maryland.....	2, 684	1, 932	26	1, 632	6	737
District of Columbia.....	4, 481	230	8	912	5	1, 763
Virginia.....	6, 612	5, 307	24	1, 115	10	1, 000
West Virginia.....	6, 045	3, 460	31	841	6	945
North Carolina.....	16, 838	9, 328	37	1, 378	10	596
South Carolina.....	4, 256	4, 421	20	776	7	239
Georgia.....	8, 744	4, 082	15	959	10	1, 069
Florida.....	5, 918	5, 625	14	699	12	769
East South Central.....	32, 703	28, 055	95	8, 714	41	4, 122
Kentucky.....	9, 292	4, 356	18	3, 819	13	1, 300
Tennessee.....	9, 185	4, 205	21	1, 417	17	1, 591
Alabama.....	11, 277	10, 426	26	885	5	600
Mississippi.....	3, 949	1, 068	30	593	6	631
West South Central.....	62, 522	35, 848	86	4, 559	67	6, 944
Arkansas.....	4, 240	3, 549	8	321	6	500
Louisiana.....	9, 992	14, 406	14	1, 177	5	208
Oklahoma.....	12, 539	5, 853	14	602	15	2, 979
Texas.....	35, 551	12, 040	50	2, 459	31	3, 257
Mountain.....	20, 271	18, 048	48	2, 388	16	4, 012
Montana.....	1, 450	1, 642	12	539	3	913
Idaho.....	1, 381	1, 447	8	281	1	178
Wyoming.....	985	873	1	33	---	---
Colorado.....	10, 212	4, 635	15	709	6	1, 453
New Mexico.....	2, 320	1, 746	2	56	---	---
Arizona.....	1, 523	1, 034	4	198	4	473
Utah.....	2, 254	7, 671	6	492	2	995
Nevada.....	146	---	---	---	---	---
Pacific.....	31, 722	79, 589	89	5, 137	69	10, 973
Washington.....	5, 131	6, 427	24	1, 400	19	3, 536
Oregon.....	3, 616	88	9	563	6	1, 068
California.....	19, 975	73, 074	36	3, 174	44	6, 369
U. S. Service Schools.....	78	---	---	---	---	---
Hawaii.....	1, 189	512	---	---	3	720
Philippine Islands.....	1, 563	---	6	409	1	592
Puerto Rico.....	1, 909	1, 420	2	74	2	216

<sup>1</sup> In institutions of higher education.

<sup>2</sup> Collegiate and noncollegiate in institutions of higher education.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education and chapter on Statistics of Commercial and Business Schools, 1932-34.



No. 129.—RESIDENTIAL SCHOOLS FOR THE BLIND, THE DEAF, THE MENTALLY DEFICIENT, AND THE DELINQUENT—NUMBER OF SCHOOLS AND OF PUPILS, BY STATES: 1936

STATE	BLIND AND PARTIALLY-SEEING				DEAF AND HARD OF HEARING				MENTALLY DEFICIENT				DELINQUENT			
	State schools		Private schools		State schools		Private schools		State schools		Private schools		State schools		Private schools	
	Schools	Pupils	Schools	Pupils	Schools	Pupils	Schools	Pupils	Schools	Pupils	Schools	Pupils	Schools	Pupils	Schools	Pupils
Continental U. S.	43	4,713	12	1,138	49	11,300	31	4,088	71	18,334	59	3,655	133	26,941	21	4,233
Alabama	2	207			2	427			1	117			3	849		
Arizona	1	40			1	80							2	147		
Arkansas	1	130			1	311				1	10		2	215		
California	1	127			1	309	1	33	2	389	3	98	3	823	1	150
Colorado	1	60			1	212			2	( <sup>1</sup> )	1	16	2	281		
Connecticut			1	65	1	95	1	250	1	445	1	16	2	438		
Delaware									1	188			2	230	1	80
Dist. of Columbia							1	218	1	121	1	31	4	785		
Florida	1	94			1	258			1	131			3	696	1	8
Georgia	1	128			1	284			1	70			4	568		
Idaho	1	23			1	86			1	114			1	24		
Illinois	1	238			1	608	1	80	2	708	5	220	2	761	1	20
Indiana	1	135			1	444			2	775	1	5	2	765		
Iowa	1	196			1	367			2	704	2	33	2	703	1	45
Kansas	1	110			1	233			2	( <sup>1</sup> )	1	12	2	389		
Kentucky	1	189			1	351			1	233	1	120	1	374		
Louisiana	2	119			1	242	1	51	1	173	1	50	2	198		
Maine					1	114			1	359			2	271		
Maryland			2	112	1	180	3	93	1	268	2	53	3	473	4	1,189
Massachusetts			1	275			4	453	4	985	4	64	7	1,149	1	22
Michigan	1	200			1	476	1	49	2	1,103	2	52	2	823	1	125
Minnesota	1	128			1	314	1	13	2	1,195			5	772		
Mississippi	1	74			1	182			1	( <sup>1</sup> )			1	250		
Missouri	1	115			1	366	2	152	1	396	1	13	6	1,101		
Montana	1	22			1	85			1	( <sup>1</sup> )			2	180		
Nebraska	1	54			1	194			1	216	1	( <sup>1</sup> )	3	399		
Nevada													1	13		
New Hampshire									1	168			1	60		
New Jersey			2	33	1	385			4	1,008	6	367	2	383	1	165
New Mexico	1	100			1	133			1	15			2	226		
New York	1	170	2	230			8	1,710	6	2,799	11	285	5	1,919	5	1,307
North Carolina	2	247			2	471			1	238			6	952		
North Dakota	1	37			1	133			1	237			1	210		
Ohio	1	261			1	456	1	102	3	1,029	3		4	1,405		
Oklahoma	2	166			2	456			1	150	1	22	4	605		
Oregon	1	71			1	123			1	252			2	142	1	94
Pennsylvania			4	423	2	403	4	732	3	1,105	6	1,187	6	1,801	3	929
Rhode Island					1	108			1	235	1	10	2	292		
South Carolina	1	101			1	203			1	536			3	325		
South Dakota	1	36			1	120			1	80			1	117		
Tennessee	1	197			1	339			1	143	1	24	3	1,270		
Texas	2	356			2	639			2	462			6	1,379		
Utah	1	43			1	153			1	( <sup>1</sup> )			1	128		
Vermont							1	65	1	97			1	132		
Virginia	2	152			2	252			1	110	3	42	4	702		
Washington	1	105			1	147			1	792			3	263		
West Virginia	2	131			2	320			1	81			2	467		
Wisconsin	1	151			1	231	1	65	2	587	2	325	2	457		
Wyoming									1	( <sup>1</sup> )			2	111		

<sup>1</sup> Data not available.

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

No. 130.—SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—  
ENROLLMENT FOR CITY SCHOOL SYSTEMS, BY STATES: 1938

STATE	ENROLLED FOR DAY SCHOOL CLASSES										En-rolled for home or hospital in-struction
	Blind and partially seeing	Deaf and hard of hearing	Speech defectives	Crip-pled	Deli-cate	Epi-leptics	Men-tally def-icient	Tru-ants or be-havior prob-lems	Men-tally gifted	Total en-rolled in school	
Continental U. S.	7, 846	10, 848	124, 840	13, 737	23, 470	162	103, 637	11, 558	2, 842	289, 267	14, 424
Alabama		9	69				293		115	486	
Arkansas				15				42		57	
California	435	1, 599	12, 206	912	2, 088	2	6, 277	1, 988	844	27, 152	2, 773
Colorado	14	31	966				490			1, 501	
Connecticut	41			10	292		2, 056			2, 399	106
Delaware							448			448	
Dist. of Columbia	68		2, 761	87	124		1, 223	338		4, 601	
Georgia	24	36					414	49		523	74
Idaho	2	6	12	7			175	15		218	4
Illinois	796	666	2, 318	2, 257	2, 004	15	5, 116	1, 261		14, 433	1, 594
Indiana	45	238	1, 921	498	553		2, 396		50	5, 701	
Iowa	15	172	271	136	26		1, 344			1, 964	74
Kansas		357			122		264			743	
Kentucky	73	21			22		447	34		597	266
Louisiana	114	16	4, 000	92			371			4, 628	366
Maine	12	159		14	48		66			299	28
Maryland	154	217	1, 105	343	451		6, 601			8, 871	406
Massachusetts	433	1, 842	4, 667	113	279		8, 664	130	27	16, 145	1, 681
Michigan	845	535	11, 532	1, 711	3, 697	128	6, 983	995	373	26, 699	654
Minnesota	232	183	3, 794	427	124		2, 438	14		7, 212	
Missouri	104	155	1, 470	344	374		1, 360	612		4, 419	387
Montana							111	88		199	
Nebraska		203	2, 831				191			3, 225	40
New Hampshire					39		156			195	
New Jersey	220	979	6, 684	632	270		4, 868	619		14, 281	523
New York	2, 292	752	33, 304	3, 249	8, 772	14	19, 233	684	45	68, 356	2, 452
North Carolina					34		420			454	
North Dakota							75			75	
Ohio	1, 110	700	3, 655	1, 476	1, 261		8, 077	3, 193	1, 249	20, 721	939
Oklahoma		17		64			1, 531			1, 612	37
Oregon	22	44		49	72		672	129		988	153
Pennsylvania	305	684	18, 801	528	817	2	12, 721	701	94	34, 700	563
Rhode Island	43		1, 583	35	188		707	19		2, 575	138
South Carolina		74					115			180	
South Dakota							17			17	
Tennessee	16	158			156		308			633	96
Texas		170			104		298	86		658	
Utah		102	337				210			649	50
Vermont							57			57	
Virginia	60	20	87	19	395		939	180		1, 709	
Washington	149	138	1, 033	53			2, 585	381		4, 339	453
West Virginia <sup>2</sup>			150							150	
Wisconsin	132	556	9, 283	666	649		2, 707		45	14, 098	588
Wyoming							163			163	

<sup>1</sup> Includes 317 undistributed by type: California, 201; Louisiana, 35; New York, 11; Pennsylvania, 17; Wyoming, 53.

<sup>2</sup> County unit system.

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

NO. 131.—VOCATIONAL SCHOOLS AND VOCATIONAL TEACHER-TRAINING COURSES,  
FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY CLASS OF  
SCHOOL OR COURSE AND BY SEX: YEARS ENDED JUNE 30, 1920 TO 1939

NOTE.—See headnote, table 134. Data for Hawaii are included beginning 1930, for Puerto Rico beginning 1936, and for Alaska beginning 1937

CLASS OF SCHOOL OR COURSE	TEACHERS					PUPILS				
	1920	1930	1937	1938	1939	1920	1930	1937	1938	1939
<b>VOCATIONAL SCHOOLS</b>										
Total all classes <sup>1</sup> .....						265,058	981,432	1,344,644	1,810,082	2,085,427
Male.....						163,228	603,514	791,273	1,001,164	1,145,322
Female.....						101,830	377,918	553,371	808,918	940,105
Evening.....	2,505	9,342	9,611	14,024	15,980	73,122	322,704	380,047	569,708	657,603
Part-time.....	1,773	6,468	8,505	10,783	12,519	122,974	407,285	373,466	438,903	486,551
All-day.....	3,331	9,245	15,322	20,402	24,306	68,962	241,486	579,229	783,051	924,372
Day-unit course.....		319	564	874	710		9,957	11,902	18,330	16,901
<b>Agricultural<sup>1</sup></b>										
Male.....						31,301	183,311	386,302	460,876	538,586
Female.....						29,351	180,490	369,761	458,806	536,353
Male.....						1,950	7,821	16,541	2,070	2,233
Female.....										
Evening.....		1,878	2,778	3,858	3,968		60,462	120,626	158,813	181,962
Part-time.....		306	1,588	2,212	2,321		4,104	29,090	42,000	51,593
All-day.....	1,670	4,346	6,121	6,940	7,960	31,301	113,728	224,678	246,213	291,653
Day-unit course.....		319	564	666	620		9,957	11,902	12,950	13,678
<b>Trade and industrial<sup>1</sup></b>										
Male.....						184,819	618,154	560,905	685,804	715,239
Female.....						133,872	422,575	416,340	565,068	538,794
Male.....						50,947	195,579	164,555	120,736	176,445
Female.....										
Evening.....	1,779	6,030	4,349	5,023	5,504	48,354	164,867	125,291	163,310	156,404
Part-time, total.....	1,636	4,081	6,323	7,483	9,035	115,241	381,898	295,844	338,282	362,410
Trade extension.....	350	1,747	4,003	4,887	6,744	17,159	45,601	150,411	183,501	221,145
General continuation.....	1,286	3,234	2,320	2,596	2,291	98,082	336,297	145,433	154,691	141,265
All-day.....	1,047	3,054	4,962	5,071	7,609	21,224	71,359	159,770	184,203	196,365
<b>Home economics<sup>1</sup></b>										
Male.....						48,938	174,967	377,437	627,394	741,503
Female.....						5	449	5,172	14,427	22,436
Male.....						48,933	174,518	372,265	612,967	719,067
Female.....										
Evening.....	786	2,934	2,484	3,782	4,868	24,768	97,375	134,130	215,168	236,034
Part-time.....	137	181	594	927	962	7,733	21,223	48,626	54,211	65,592
All-day.....	714	1,845	4,209	7,391	8,677	16,437	56,369	194,781	352,635	436,354
Day-unit course.....				208	90				5,380	3,523
<b>Distributive occupational<sup>1</sup></b>										
Male.....									36,008	80,089
Female.....									16,917	47,739
Male.....									19,091	42,360
Female.....										
Evening and part-time.....				761	1,640				32,408	83,143
Part-time cooperative.....				161	201				3,600	6,956
<b>VOCATIONAL TEACHER-TRAINING COURSES</b>										
Total, all classes.....	1,082	2,843	2,080	1,366	1,689	12,456	20,736	23,375	31,444	40,788
Male.....	657	2,518	2,373	2,806	1,079	6,985	12,531	13,499	16,786	21,135
Female.....	425	3,325	3,307	560	610	5,471	8,205	9,876	14,658	19,653
In agriculture.....	293	195	150	340	433	2,310	3,325	5,823	5,000	5,037
Trade and industry.....	359	334	231	440	594	6,150	11,205	9,196	11,209	15,530
Home economics.....	414	316	300	526	582	3,652	6,206	8,359	12,634	12,133
Distributive occupations.....				62	80					
Other and not specified.....	16					344			1,935	8,098

<sup>1</sup> Totals for teachers omitted because of duplications in State by types of schools.

<sup>2</sup> Excluding duplications.

<sup>3</sup> Includes the following numbers of students training in service (not reported separately for other years): Total, 13,590; male, 8,600; female, 4,990; agriculture, 3,375; trade and industry, 6,385; home economics, 3,830.

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

No. 132.—VOCATIONAL SCHOOLS AND VOCATIONAL TEACHER-TRAINING INSTITUTIONS—EXPENDITURES UNDER VOCATIONAL EDUCATION ACTS: YEARS ENDED JUNE 30, 1920 TO 1939

CLASSIFICATION OF EXPENDITURE	1920	1930	1936	1937	1938	1939 <sup>1</sup>
<b>EXPENDITURES FOR ALL SCHOOLS, EXCEPT TEACHER TRAINING</b>						
<b>Total</b> .....	\$6,888,500	\$27,406,498	\$31,140,122	\$34,045,445	\$41,411,122	\$48,443,318
From Federal money.....	1,745,298	6,361,381	8,721,474	8,962,852	16,018,628	17,423,803
From State money.....	2,008,306	7,166,810	7,630,646	7,898,382	8,013,517	9,252,482
From local money.....	3,134,896	13,877,307	14,788,002	17,189,211	17,378,977	21,767,033
<b>Agricultural schools.....</b>	<b>2,437,285</b>	<b>8,743,382</b>	<b>10,327,234</b>	<b>10,842,818</b>	<b>13,000,314</b>	<b>15,428,167</b>
From Federal money.....	880,886	3,173,624	3,862,901	3,966,716	6,107,500	6,638,380
From State money.....	678,824	1,787,246	2,039,307	2,165,014	2,188,733	2,442,130
From local money.....	868,575	3,782,512	4,424,936	4,708,088	5,303,991	6,347,651
<b>Trade or industrial schools.....</b>	<b>2,408,019</b>	<b>9,814,566</b>	<b>12,434,178</b>	<b>14,156,953</b>	<b>\$18,116,847</b>	<b>\$20,832,644</b>
From Federal money.....	509,385	1,718,733	2,783,041	2,939,688	\$6,046,142	\$ 6,301,254
From State money.....	786,568	2,538,657	3,700,849	3,656,131	\$4,175,210	\$ 4,611,056
From local money.....	1,112,966	4,557,176	5,950,288	7,561,134	\$7,804,486	\$ 9,019,334
<b>Home economics schools.....</b>	<b>1,054,489</b>	<b>4,382,037</b>	<b>5,806,761</b>	<b>5,890,095</b>	<b>9,135,326</b>	<b>11,565,399</b>
From Federal money.....	155,768	678,226	1,428,801	1,442,323	3,670,805	4,124,089
From State money.....	329,634	1,286,630	1,358,514	1,547,286	1,558,302	2,106,439
From local money.....	569,087	2,417,281	3,019,346	2,900,466	3,906,219	5,334,876
<b>Part-time general continuation schools.....</b>	<b>987,807</b>	<b>5,466,513</b>	<b>2,571,950</b>	<b>3,155,609</b>	(3)	(3)
From Federal money.....	190,259	790,798	946,732	614,125	(3)	(3)
From State money.....	213,280	1,554,377	531,786	521,951	(3)	(3)
From local money.....	584,268	3,120,338	1,093,432	2,019,533	(3)	(3)
<b>Distributive occupational schools.....</b>					550,635	617,108
From Federal money.....					194,001	360,080
From State money.....					91,293	91,856
From local money.....					274,281	165,172

EXPENDITURES FOR TEACHER-TRAINING INSTITUTIONS

Total	\$1,046,663	\$2,453,400	\$2,286,046	\$2,348,001	\$3,583,415	\$4,211,531
From Federal money.....	731,204	1,042,844	1,027,450	1,050,817	1,718,491	2,010,751
From State money.....	661,979	1,066,338	974,089	1,038,167	1,433,235	1,681,738
From local money.....	253,480	344,219	284,507	280,017	431,689	519,042
<b>Training teachers of agriculture.....</b>	<b>556,580</b>	<b>826,444</b>	<b>756,323</b>	<b>788,977</b>	<b>1,202,898</b>	<b>1,340,038</b>
From Federal money.....	250,835	352,036	335,079	348,267	570,642	633,611
From State money.....	232,013	364,893	320,807	341,054	496,689	556,381
From local money.....	73,732	109,515	94,347	99,656	135,567	160,046
<b>Training teachers of trade or industrial subjects.....</b>	<b>490,655</b>	<b>770,802</b>	<b>731,141</b>	<b>780,254</b>	<b>1,143,631</b>	<b>1,372,168</b>
From Federal money.....	226,765	342,345	336,770	351,596	540,895	653,734
From State money.....	210,199	348,343	325,262	342,246	463,006	554,537
From local money.....	53,691	80,114	69,109	66,412	139,640	163,897
<b>Training teachers of home economics.....</b>	<b>599,428</b>	<b>856,155</b>	<b>798,582</b>	<b>798,770</b>	<b>1,153,491</b>	<b>1,298,793</b>
From Federal money.....	253,404	347,868	355,601	350,954	552,834	606,433
From State money.....	219,767	353,102	321,930	324,867	447,876	517,655
From local money.....	126,057	155,190	121,051	122,949	152,781	174,405
<b>Training teachers of distributive occupations.....</b>					83,395	200,532
From Federal money.....					54,120	128,073
From State money.....					25,574	52,865
From local money.....					3,701	20,694

<sup>1</sup> Excludes additional expenditures from State funds amounting to \$13,642, not distributed by class of schools.

<sup>2</sup> Includes expenditures for part-time general continuation schools.      <sup>3</sup> Not reported separately.

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

No. 133.—VOCATIONAL SCHOOLS AND VOCATIONAL TEACHER-TRAINING INSTITUTIONS—TOTAL EXPENDITURES FROM FEDERAL MONEY, BY STATES AND TERRITORIES AND FOR PUERTO RICO: YEARS ENDED JUNE 30, 1920 TO 1939

STATE OR OUTLYING AREA	1920	1930	1936	1937	1938	1939
Total.....	\$2,476,503	\$7,404,223	\$9,748,024	\$10,013,669	\$17,737,119	\$19,434,554
Alabama.....	54,672	170,491	243,533	248,017	490,226	539,855
Arizona.....	18,146	34,310	45,940	48,209	81,700	97,518
Arkansas.....	43,615	133,793	181,742	185,733	360,702	410,592
California.....	70,477	230,129	414,792	415,907	743,388	801,288
Colorado.....	23,001	68,038	81,388	88,494	176,444	185,159
Connecticut.....	39,028	78,486	96,082	101,745	149,445	167,783
Delaware.....	17,612	27,377	44,492	44,922	96,818	104,633
District of Columbia.....					11,767	37,615
Florida.....	24,187	67,611	115,671	118,483	230,087	239,226
Georgia.....	69,412	216,311	274,939	274,972	587,723	606,138
Idaho.....	20,181	38,975	54,576	54,576	111,572	110,734
Illinois.....	159,998	424,459	455,467	498,846	828,621	874,921
Indiana.....	74,206	208,790	265,162	265,962	461,945	526,328
Iowa.....	54,940	173,097	173,801	190,615	251,362	310,166
Kansas.....	35,506	108,912	139,526	150,042	193,986	247,081
Kentucky.....	51,413	165,889	221,251	231,587	324,397	415,964
Louisiana.....	43,300	128,456	181,679	188,775	378,975	388,217
Maine.....	10,672	44,470	52,209	56,001	84,479	99,267
Maryland.....	25,664	85,364	110,751	111,698	214,919	232,978
Massachusetts.....	100,881	241,466	274,552	280,872	470,131	481,560
Michigan.....	82,749	254,335	367,885	368,086	683,666	704,583
Minnesota.....	65,322	173,166	220,345	220,412	326,406	390,627
Mississippi.....	49,393	138,074	206,896	206,866	377,241	468,191
Missouri.....	74,626	240,648	289,357	297,072	524,642	588,315
Montana.....	18,990	39,999	59,431	67,175	105,890	124,831
Nebraska.....	33,292	88,868	107,151	116,574	183,054	210,602
Nevada.....	13,849	24,993	33,281	31,631	48,998	52,396
New Hampshire.....	10,913	28,107	38,557	37,110	54,730	72,410
New Jersey.....	63,664	206,848	266,309	268,523	422,688	440,877
New Mexico.....	19,144	35,339	50,231	53,047	106,660	115,918
New York.....	191,061	680,030	845,320	849,636	1,489,971	1,496,036
North Carolina.....	45,185	192,201	287,886	303,787	584,146	641,040
North Dakota.....	20,211	57,605	54,274	56,433	102,613	118,677
Ohio.....	131,378	399,615	502,662	504,940	860,548	886,092
Oklahoma.....	39,361	150,829	214,088	217,723	392,972	461,546
Oregon.....	24,671	58,881	81,063	81,143	167,094	168,515
Pennsylvania.....	196,604	567,658	667,790	718,289	1,164,568	1,269,642
Rhode Island.....	20,728	50,210	57,625	56,821	77,865	86,316
South Carolina.....	44,252	126,656	170,822	170,655	371,158	380,961
South Dakota.....	10,872	44,212	51,915	60,844	95,006	108,721
Tennessee.....	45,477	175,453	241,358	243,282	471,453	511,473
Texas.....	90,740	339,279	516,555	520,948	1,024,249	1,063,112
Utah.....	19,662	37,718	48,761	50,131	115,133	114,988
Vermont.....	17,602	35,827	38,694	39,211	66,801	77,343
Virginia.....	62,751	171,237	222,720	222,714	418,314	476,310
Washington.....	34,947	95,874	121,607	125,561	226,392	236,694
West Virginia.....	28,509	91,180	116,876	126,466	190,767	235,121
Wisconsin.....	60,965	188,283	246,072	246,072	492,362	508,624
Wyoming.....	13,383	28,487	42,022	44,416	92,984	103,088
Alaska.....			4,848	9,862	7,407	11,511
Hawaii.....		30,689	45,871	45,870	94,384	98,937
Puerto Rico.....			90,820	102,623	145,185	297,021

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

No. 134.—VOCATIONAL COURSES, FEDERALLY AIDED—STUDENTS ENROLLED, BY CLASS, BY STATES AND TERRITORIES AND FOR PUERTO RICO: YEAR ENDED JUNE 30, 1939

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

DIVISION, STATE, OR OUTLYING AREA	VOCATIONAL OTHER THAN TEACHER-TRAINING					VOCATIONAL TEACHER-TRAINING				
	Total	Agricultural	Trade and industrial	Home economics	Distributive	Total	Agricultural	Trade and industrial	Home economics	Distributive
Total.....	2,085,427	538,568	716,239	741,503	90,099	40,798	5,037	15,530	12,133	8,098
New England.....	88,133	6,137	59,090	21,229	1,877	2,759	179	2,192	353	35
Maine.....	4,521	1,659	676	2,137	49	201	100	101	-----	-----
New Hampshire.....	3,809	510	1,117	1,856	326	97	13	32	52	-----
Vermont.....	3,223	1,328	634	1,261	-----	34	21	13	-----	-----
Massachusetts.....	59,466	1,516	43,883	13,336	731	2,054	36	1,835	148	35
Rhode Island.....	3,990	619	1,832	968	571	-----	-----	-----	-----	-----
Connecticut.....	13,124	505	10,948	1,671	-----	373	9	325	39	-----
Middle Atlantic.....	324,012	30,811	222,991	55,853	14,357	10,388	528	3,616	1,196	5,028
New York.....	193,283	13,495	149,121	22,991	7,676	6,603	134	1,094	400	4,976
New Jersey.....	32,259	2,419	24,621	4,410	800	889	114	578	189	8
Pennsylvania.....	98,470	14,897	49,249	28,452	5,872	2,876	280	1,944	607	45
East North Central.....	327,715	74,243	124,109	118,058	11,305	7,458	601	3,019	1,862	1,970
Ohio.....	73,526	21,757	31,854	18,481	1,434	458	139	147	172	-----
Indiana.....	52,063	12,687	13,279	24,363	1,734	817	203	209	315	90
Illinois.....	97,957	16,200	23,192	17,005	960	1,655	-----	660	1,005	-----
Michigan.....	67,385	8,809	28,535	26,309	3,729	4,281	239	1,858	330	1,854
Wisconsin.....	76,784	14,700	27,246	31,300	3,448	237	20	145	40	32
West North Central.....	176,201	57,443	35,312	78,522	6,924	4,274	897	1,219	1,914	244
Minnesota.....	28,875	12,453	5,312	10,923	187	682	136	381	165	-----
Iowa.....	31,308	16,300	4,654	9,306	488	934	194	414	326	-----
Missouri.....	42,026	13,544	11,879	12,789	3,814	849	200	409	234	6
North Dakota.....	11,286	1,584	1,621	7,525	556	127	43	-----	84	-----
South Dakota.....	7,571	2,416	516	4,008	31	275	69	15	191	-----
Nebraska.....	26,639	4,741	3,731	17,738	429	421	212	-----	209	-----
Kansas.....	28,496	6,345	7,599	13,133	1,419	986	43	-----	705	238
South Atlantic.....	348,942	134,431	71,037	127,892	13,612	4,158	586	1,835	1,610	128
Delaware.....	6,011	938	2,434	1,897	742	62	8	29	19	6
Dist. of Columbia.....	2,029	-----	729	905	395	211	-----	131	80	-----
Maryland.....	16,030	3,171	7,083	5,187	589	450	35	368	47	-----
Virginia.....	43,554	17,255	8,427	16,341	1,531	468	-----	94	365	9
West Virginia.....	15,664	5,442	6,187	4,055	-----	430	127	30	273	-----
North Carolina.....	65,909	29,537	10,630	24,661	1,081	-----	-----	-----	-----	-----
South Carolina.....	54,472	24,441	8,051	19,642	2,338	629	210	182	237	-----
Georgia.....	107,009	45,628	14,823	41,888	4,670	910	117	344	422	27
Florida.....	36,264	8,019	12,093	13,286	2,266	998	88	657	167	86
East South Central.....	189,558	78,444	31,526	71,068	7,520	2,640	930	592	1,136	82
Kentucky.....	27,922	11,411	4,920	10,704	887	552	180	136	227	9
Tennessee.....	56,327	24,820	9,652	20,034	1,821	516	113	138	223	42
Alabama.....	52,349	15,779	13,943	19,792	2,835	930	335	252	312	31
Mississippi.....	52,960	27,434	3,011	20,538	1,977	642	202	66	374	-----
West South Central.....	287,085	104,854	47,815	125,280	9,136	3,884	577	709	2,371	227
Arkansas.....	45,317	23,827	3,770	16,042	1,678	328	83	48	185	12
Louisiana.....	50,751	18,577	8,316	23,202	656	810	197	127	419	67
Oklahoma.....	35,351	12,513	6,744	14,869	1,225	892	119	206	419	148
Texas.....	155,066	49,937	28,985	71,167	5,577	1,854	178	328	1,348	-----
Mountain.....	86,528	17,241	24,810	35,787	8,090	1,668	560	484	556	68
Montana.....	8,059	2,317	1,672	3,530	540	-----	-----	-----	-----	-----
Idaho.....	6,035	2,102	865	2,321	687	116	42	-----	74	-----
Wyoming.....	7,035	1,691	1,403	2,231	1,650	100	-----	85	-----	15
Colorado.....	27,870	3,260	13,307	9,658	1,645	570	00	278	175	27
New Mexico.....	6,203	1,415	1,204	2,627	957	131	56	31	18	20
Arizona.....	5,057	1,240	1,004	2,813	-----	68	19	23	26	-----
Utah.....	23,383	4,809	3,781	11,562	3,211	619	343	25	251	-----
Nevada.....	2,886	347	1,514	1,025	-----	64	10	42	12	-----
Pacific.....	231,132	21,005	83,181	89,488	16,878	3,268	198	1,864	896	310
Washington.....	27,674	6,127	10,476	10,901	170	604	48	355	185	16
Oregon.....	13,154	3,288	2,818	5,991	1,057	918	49	269	339	261
California.....	180,304	12,190	79,867	72,596	15,651	1,746	101	1,240	372	33
Alaska.....	946	-----	897	49	-----	-----	-----	-----	-----	-----
Hawaii.....	12,073	2,057	2,103	7,913	-----	128	82	-----	46	-----
Puerto Rico.....	25,102	10,320	2,388	12,394	-----	193	-----	-----	193	-----

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

No. 135.—VOCATIONAL REHABILITATION OF DISABLED PERSONS, BY NUMBER AND BY CASES ON ROLL, BY STATES AND FOR HAWAII AND PUERTO RICO: 1930 TO 1939

NOTE.—In accordance with 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 1939, 46 States, the District of Columbia, Hawaii, and Puerto Rico had accepted the provisions and begun cooperation with the Federal Government. The figures given relate only to cases aided by Federal funds. The total expenditure in 1939 (fiscal year) comprised: Federal funds, \$1,832,964; State and private funds, \$2,158,700

STATE OR OUTLYING AREA	NUMBER REHABILITATED (YEAR ENDED JUNE 30)						"LIVE" CASES ON ROLL JUNE 30					
	1930	1935	1936	1937	1938	1939 <sup>1</sup>	1930	1935	1936	1937	1938	1939 <sup>1</sup>
Total.....	4, 612	9, 422	10, 358	11, 091	9, 844	10, 747	20, 394	40,941	41,726	42,055	47,843	382,468
Alabama.....	170	214	172	174	248	284	1,082	1,099	1,067	774	1,082	739
Arizona.....	30	44	37	70	72	62	55	216	281	292	297	207
Arkansas.....	45	69	76	77	81	74	451	798	434	431	521	465
California.....	297	676	1,052	1,201	1,053	1,137	6,096	2,341	2,401	2,413	2,859	3,186
Colorado.....	8	81	83	89	85	83	86	361	260	265	319	288
Connecticut.....	---	87	74	75	64	56	---	299	408	294	422	248
District of Columbia.....	---	180	240	129	119	152	---	544	412	322	378	255
Florida.....	22	101	114	152	162	194	361	405	500	588	529	480
Georgia.....	114	201	238	270	234	248	454	1,054	1,150	1,223	1,020	655
Idaho.....	15	46	55	60	46	52	102	191	181	150	193	179
Illinois.....	283	695	662	1,079	910	995	1,810	813	1,164	1,284	1,654	1,404
Indiana.....	140	312	485	220	190	175	628	1,351	1,772	1,856	1,806	1,212
Iowa.....	71	102	110	153	102	104	200	406	442	456	526	877
Kentucky.....	146	307	337	251	160	225	608	1,055	847	997	748	527
Louisiana.....	35	81	112	125	143	165	271	613	854	416	1,245	460
Maine.....	23	56	55	52	48	48	130	210	195	162	160	152
Maryland.....	5	101	101	97	67	98	74	397	424	373	380	102
Massachusetts.....	132	151	188	144	162	175	361	658	662	781	872	663
Michigan.....	283	1,111	980	917	450	513	876	3,008	2,769	2,618	1,550	1,002
Minnesota.....	149	381	60	127	152	143	400	761	2,034	2,436	3,144	1,577
Mississippi.....	139	146	137	166	138	138	309	1,652	1,232	1,276	1,270	1,032
Missouri.....	---	89	170	250	314	393	( <sup>2</sup> )	92	395	707	890	502
Montana.....	18	41	56	68	57	59	97	269	360	390	171	168
Nebraska.....	53	47	64	62	66	63	144	227	210	254	266	260
Nevada.....	10	22	18	23	17	17	12	79	74	84	76	32
New Hampshire.....	---	47	37	46	25	30	---	326	218	216	209	100
New Jersey.....	243	476	512	432	475	451	1,087	1,822	1,492	1,308	1,001	1,020
New Mexico.....	14	31	35	32	26	27	73	115	118	101	112	78
New York.....	540	703	757	780	579	658	1,821	2,428	2,808	2,577	2,042	1,648
North Carolina.....	72	230	257	312	389	300	722	1,243	1,204	1,301	1,406	1,234
North Dakota.....	34	53	45	46	46	54	151	176	216	238	249	241
Ohio.....	471	472	464	476	351	442	971	1,052	1,107	990	1,219	922
Oklahoma.....	110	212	304	218	330	420	1,647	1,789	1,235	1,008	1,101	965
Oregon.....	18	58	60	91	86	92	54	261	375	411	481	224
Pennsylvania.....	398	456	540	839	631	655	1,719	2,961	2,694	2,354	2,292	1,304
Rhode Island.....	9	24	21	31	40	47	53	132	158	181	108	87
South Carolina.....	11	96	72	74	79	115	374	605	687	742	826	269
South Dakota.....	12	39	36	40	21	26	69	120	143	110	119	120
Tennessee.....	124	153	177	176	205	194	877	2,051	1,884	1,933	3,492	1,233
Texas.....	12	210	256	295	322	424	144	1,528	2,009	2,547	2,734	1,921
Utah.....	33	50	100	101	25	54	102	268	200	184	436	280
Vermont.....	---	---	---	---	12	26	---	---	---	---	113	32
Virginia.....	38	240	262	275	214	201	800	970	1,012	1,169	1,403	775
Washington.....	---	38	57	76	95	100	---	378	575	366	542	298
West Virginia.....	103	119	114	134	152	120	289	380	707	660	471	340
Wisconsin.....	193	344	438	502	406	453	1,006	3,367	2,673	2,943	3,076	2,490
Wyoming.....	28	57	62	65	25	18	139	198	208	169	132	91
Hawaii.....	---	---	---	7	18	30	---	---	7	140	85	102
Puerto Rico.....	---	---	---	23	103	96	---	---	---	301	657	273

<sup>1</sup> Figures are subject to slight corrections. <sup>2</sup> Includes 96 applications pending.

<sup>3</sup> The status of these cases on June 30, 1939, was as follows: In training, 14,689; in other preparation status, 1,491; training interrupted, 3,626; awaiting placement after training, 6,461; awaiting placement after other preparation service, 2,748; in employment, being followed up, 3,453.

<sup>4</sup> Not reported. Closed, lack of State appropriation, 1925 to 1930.

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

6. PUBLIC LANDS

GENERAL NOTE.—An original entry is a first claim to a given tract of public land. Perfected entry is made after required lapse of time and compliance with other conditions. A patent is a conveyance or grant of land to a claimant who has made his perfected entry. By Executive orders of Nov. 26, 1934, and Feb. 5, 1935, public lands were temporarily withdrawn from settlement, location, sale, or entry. Both orders, however, were made subject to valid existing rights

No. 136.—PUBLIC AND INDIAN LAND, ENTRIES AND PATENTS—ACREAGE: YEARS ENDED JUNE 30, 1938 AND 1939

CLASS	1938			1939		
	Original entries	Perfected entries	Patented	Original entries	Perfected entries	Patented
Total.....	130,943	1,478,184	2,624,872	301,740	1,198,080	3,281,224
Homesteads.....	81,010	1,417,398	1,553,072	70,925	1,158,268	1,467,714
Stock raising.....	43,078	1,214,727	1,328,072	24,063	1,015,944	1,268,213
Enlarged.....	4,607	78,441	91,367	7,946	48,203	76,555
Reclamation.....	15,756	21,600	23,371	7,887	13,524	17,278
Forest.....	611	2,945	5,074	650	3,197	3,610
Commuted.....		2,475			3,030	
Sec. 2289 <sup>1</sup> , et al.....	17,958	97,210	105,188	29,979	74,361	102,058
Deserts.....	696	12,884	14,356	3,070	12,157	11,863
Public auction.....		15,492	9,866		15,314	16,989
Timber and stone.....		120	89		892	439
State selection.....	2,646			<sup>2</sup> 155,027		
Mineral.....		11,085	2,839		8,768	8,830
Railroad.....	546		2,967	7,011		2,403
Special acts.....			<sup>3</sup> 819,342			<sup>3</sup> 1,460,933
Miscellaneous.....	45,145	21,205	84,926	64,707	2,686	85,514
Certified to States.....			137,425			226,539

<sup>1</sup> Original act.

<sup>2</sup> Includes 150,749 acres acquired by the State of California for State park purposes under act of June 29, 1936.

<sup>3</sup> Includes school section land patented to States under act of June 21, 1934: 1938, State of Iowa, 672,650 acres; 1939, State of Montana, 1,298,790 acres.

No. 137.—PUBLIC AND INDIAN LAND, ENTRIES UNDER ALL ACTS—ACREAGE, BY STATES: YEARS ENDED JUNE 30, 1926 TO 1939

NOTE.—Offices are not maintained in States where only small areas of public lands remain undisposed of; entries in these States, if any, are made directly in the General Land Office (Washington, D. C.) and figures are grouped under that heading in the following table. See also general note above

ITEM AND STATE	ORIGINAL ENTRIES					Perfected entries, 1939	Patented, 1939	
	1926-1930, total	1931-1935, total	1936	1937	1938			1939
Total.....	20,611,977	18,232,143	425,834	124,630	130,943	301,740	1,198,080	3,281,224
Public land.....	19,915,866	17,754,198	399,592	113,612	127,494	297,197	1,126,783	
Indian land.....	696,111	477,945	26,242	10,918	3,449	4,543	71,297	
All homesteads.....	19,072,070	16,743,383	383,650	121,777	81,910	70,925	1,158,268	1,467,714
Stock-raising homesteads.....	15,367,627	13,723,337	326,331	74,909	43,078	24,063	1,015,944	1,268,213
Other entries.....	1,539,907	2,488,760	42,178	2,753	49,033	230,815	89,812	1,813,510
Alabama.....	<sup>1</sup> 9,770	( <sup>2</sup> )						
Alaska.....	34,552	40,118	8,487	12,634	7,905	16,752	6,613	7,450
Arizona.....	1,907,087	2,900,417	44,920	10,967	11,028	9,632	64,912	346,064
Arkansas.....	125,143	<sup>3</sup> 43,688	( <sup>2</sup> )					
California.....	1,796,051	1,120,687	16,737	3,863	38,842	<sup>4</sup> 163,103	54,033	119,676
Colorado.....	2,071,887	1,436,974	52,968	13,480	32,862	7,112	104,096	262,818
Florida.....	85,010	<sup>3</sup> 9,565	( <sup>2</sup> )					
Idaho.....	971,117	704,352	31,683	8,577	9,815	3,815	86,308	76,454
Louisiana.....	<sup>1</sup> 5,732	( <sup>2</sup> )						
Minnesota.....	55,817	<sup>3</sup> 16,020	( <sup>2</sup> )					
Montana.....	2,071,313	1,409,447	53,154	10,299	2,341	1,344	99,905	<sup>5</sup> 1,425,247
Nebraska.....	63,287	<sup>3</sup> 17,508	( <sup>2</sup> )					
Nevada.....	356,179	105,123	1,791	640			7,919	7,926
New Mexico.....	4,109,018	4,676,786	56,912	15,517	13,446	88,090	248,843	405,754
North Dakota.....	64,761	82,333	832	413	383	232	5,806	5,566
Oklahoma.....	<sup>1</sup> 25,871	( <sup>2</sup> )						
Oregon.....	808,332	630,098	25,627	15,766	7,023	4,326	80,026	67,533
South Dakota.....	327,119	252,454	5,810	1,801	24		18,937	29,401
Utah.....	1,388,576	675,153	14,771	4,592	3,466	3,932	80,177	72,625
Washington.....	173,686	85,154	2,891		8,80	317	10,733	14,154
Wyoming.....	4,121,206	3,930,670	97,393	23,481	5,283	7,833	252,002	416,850
General Land Office.....	37,483	97,696	12,868	2,470	3,445	4,986	17,620	23,705

<sup>1</sup> 1926 and 1927 only.

<sup>4</sup> See note 2, table 136.

<sup>2</sup> Office closed, see headnote.

<sup>3</sup> 1931 to 1933 only.

<sup>5</sup> See note 3, table 136.

Source of tables 136 and 137: Department of the Interior, General Land Office; Annual Report of the Secretary and records in General Land Office.



No. 138.—PUBLIC LAND, HOMESTEAD ENTRIES—ACREAGE FOR UNITED STATES, 1868 TO 1939, AND BY STATES, 1921 TO 1939, FOR YEARS ENDED JUNE 30

NOTE.—See general note, p. 120

TERM AND STATE	ALL HOMESTEADS							Stock raising only, 1939
	1921-1925, total	1926-1930, total	1931-1935, total	1936	1937	1938	1939	
Original entries, total.....	35,079,817	18,380,143	15,268,771	357,457	110,921	78,491	66,382	23,690
Alabama.....	34,139	1 9,770	(2)					
Alaska.....	51,012	33,549	38,669	8,327	12,634	7,905	16,595	
Arizona.....	1,452,551	1,727,167	1,124,034	10,699	10,127	10,147	5,833	2,318
Arkansas.....	215,172	125,002	43,298					
California.....	2,201,327	1,608,383	909,620	15,291	3,760	7,187	1,087	
Colorado.....	4,368,182	1,528,440	1,028,208	33,288	6,270	12,839	5,300	2,497
Florida.....	168,080	86,305	9,554					
Idaho.....	1,842,656	927,604	694,481	31,323	8,577	9,815	3,695	
Kansas.....	46,016	(2)						
Louisiana.....	14,746	1 5,782	(2)					
Michigan.....	21,804	(2)	(2)					
Minnesota.....	47,147	43,410	(2)					
Mississippi.....	22,758	(2)	4,947					
Montana.....	4,528,483	1,866,547	1,384,188	53,021	10,184	2,185	1,842	1,022
Nebraska.....	122,956	63,187	17,468					
Nevada.....	281,532	214,799	97,670	872	640		200	
New Mexico.....	6,765,794	3,623,688	4,387,629	52,696	14,871	9,925	14,875	8,069
North Dakota.....	128,417	57,256	79,152	832	413	383	232	
Oklahoma.....	80,546	125,871	(2)					
Oregon.....	2,118,504	727,910	561,227	24,853	14,846	7,023	3,106	1,299
South Dakota.....	1,177,594	276,205	220,963	5,810	1,861	24		
Utah.....	1,456,411	1,260,956	609,755	14,631	4,562	3,466	3,892	3,412
Washington.....	2,88,671	70,088	67,364	2,451		80	157	157
Wisconsin.....	10,071	(2)						
Wyoming.....	7,634,649	4,064,145	3,894,074	92,101	20,012	4,628	7,351	4,916
General Land Office <sup>1</sup>	820	34,083	94,395	11,862	2,168	2,954	2,717	
Original entries, stock-raising homesteads (incl. above).....	28,260,435	14,328,604	13,312,779	307,299	67,957	41,383	23,690	

PERFECTED HOMESTEAD ENTRIES, ENTIRE UNITED STATES<sup>2</sup>

PERIOD OR YEAR <sup>3</sup>	All homesteads	YEAR	All homesteads	YEAR	All homesteads	YEAR	All homesteads	Stock-raising
1868-1870.....	1,379,116	1868.....	2,790,243	1911.....	4,620,107	1926.....	3,451,106	2,497,007
1871-1875.....	6,215,733	1897.....	2,778,404	1912.....	4,308,060	1927.....	2,683,627	1,932,096
1876-1880.....	11,670,439	1898.....	3,065,018	1913.....	10,009,285	1928.....	1,815,549	1,384,902
1881-1885.....	12,630,323	1899.....	3,134,140	1914.....	9,291,121	1929.....	1,700,950	1,270,617
1886-1890.....	13,330,272	1900.....	3,477,843	1915.....	7,180,952	1930.....	1,371,073	1,059,224
1891-1895.....	16,602,437	1901.....	5,241,121	1916.....	6,278,281	1931.....	1,352,851	1,026,011
1896-1900.....	15,275,648	1902.....	4,342,746	1917.....	8,497,390	1932.....	1,209,894	963,115
1901-1905.....	10,812,637	1903.....	3,676,964	1918.....	8,236,438	1933.....	906,878	711,017
1906-1910.....	10,005,358	1904.....	3,232,717	1919.....	6,524,760	1934.....	1,123,673	916,945
1911-1915.....	35,407,654	1905.....	3,419,387	1920.....	8,372,698	1935.....	1,640,396	1,416,823
1916-1920.....	38,000,545	1906.....	3,528,749	1921.....	7,726,740	1936.....	1,764,958	1,503,502
1921-1925.....	29,468,380	1907.....	3,740,568	1922.....	7,307,034	1937.....	1,914,806	1,668,119
1926-1930.....	10,922,305	1908.....	4,242,711	1923.....	6,504,259	1938.....	1,361,943	1,174,702
1931-1935.....	6,233,309	1909.....	3,696,467	1924.....	4,791,438	1939.....	1,088,938	966,413
1895.....	2,980,809	1910.....	3,795,863	1925.....	4,048,911	Total, 1868-1939	245,994,297	31,564,580

<sup>1</sup> 1926 and 1927 only.

<sup>2</sup> See headnote, table 137.

<sup>3</sup> Includes entries of abandoned military reservations.

<sup>4</sup> 1931 to 1933.

<sup>5</sup> Commuted homesteads are not included.

<sup>6</sup> For periods figures are totals, not averages.

No. 139.—PUBLIC AND INDIAN LAND, STOCK-RAISING HOMESTEADS—NUMBER OF ORIGINAL ENTRIES AND ACREAGE, BY STATES, FROM PASSAGE OF ACT OF DEC. 29, 1916, TO JUNE 30, 1939

STATE	Entries	Acres	STATE	Entries	Acres
Total.....	165,644	70,326,931	Nebraska.....	595	108,313
Arizona.....	6,212	2,977,256	Nevada.....	931	494,897
Arkansas.....	4	1,600	New Mexico.....	34,160	15,611,976
California.....	3,463	3,422,605	North Dakota.....	939	288,918
Colorado.....	20,988	8,403,253	Oklahoma.....	306	71,349
Idaho.....	7,818	3,583,204	Oregon.....	8,282	3,375,688
Kansas.....	223	53,506	South Dakota.....	7,955	2,731,961
Michigan.....	5	1,821	Utah.....	5,131	2,789,680
Minnesota.....	1	75	Washington.....	1,600	513,746
Montana.....	21,323	7,717,841	Wyoming.....	40,489	18,170,405
			General Land Office.....	150	24,247

Sources of tables 138 and 139: Department of the Interior, General Land Office; Annual Report of the Secretary and records in General Land Office.

No. 140.—PUBLIC LAND—TIMBER AND STONE, COAL, MINERAL, AND DESERT-LAND ENTRIES—ACREAGE, BY STATES, TO JUNE 30, 1939

STATE	FROM PASSAGE OF ACT <sup>1</sup> TO JUNE 30, 1939				IN YEAR ENDING JUNE 30, 1939			
	Timber and stone	Coal	Desert land		Timber and stone	Mineral other than coal <sup>2</sup>	Desert land	
			Original	Perfected			Original	Perfected
Acreage of entries.....	13, 856, 088	804, 443	32, 833, 380	9, 956, 620	892	7, 818	3, 070	11, 571
Alabama.....	43, 785	239	-----	-----	-----	-----	-----	-----
Alaska.....	-----	-----	-----	-----	-----	1, 103	-----	-----
Arizona.....	2, 043	6, 693	2, 592, 938	461, 800	-----	618	1, 232	1, 560
Arkansas.....	365, 573	-----	-----	-----	-----	-----	-----	-----
California.....	2, 899, 214	5, 535	5, 198, 565	1, 072, 443	-----	997	418	2, 047
Colorado.....	402, 207	216, 609	3, 227, 744	1, 009, 129	160	884	-----	519
Dakota Territory.....	-----	684	20, 021	300	-----	-----	-----	-----
Florida.....	109, 194	-----	-----	-----	-----	-----	-----	-----
Idaho.....	1, 017, 472	3, 277	3, 119, 749	1, 122, 140	413	509	120	1, 692
Iowa.....	119	-----	-----	-----	-----	-----	-----	-----
Louisiana.....	150, 277	-----	-----	-----	-----	-----	-----	-----
Michigan.....	149, 667	-----	-----	-----	-----	-----	-----	-----
Minnesota.....	1, 409, 175	-----	-----	-----	-----	-----	-----	-----
Mississippi.....	19, 818	-----	-----	-----	-----	-----	-----	-----
Montana.....	664, 294	64, 758	5, 983, 025	3, 049, 074	-----	246	-----	720
Nebraska.....	97	-----	-----	-----	-----	-----	-----	-----
Nevada.....	6, 542	1, 661	655, 077	174, 918	-----	1, 355	80	800
New Mexico.....	163	26, 613	2, 160, 269	279, 708	-----	223	-----	120
North Dakota.....	8, 646	9, 624	85, 278	20, 254	-----	-----	-----	-----
Oklahoma.....	40	-----	-----	-----	-----	-----	-----	-----
Oregon.....	3, 817, 897	10, 572	1, 120, 437	361, 088	-----	388	1, 180	1, 000
South Dakota.....	68, 910	3, 624	609, 290	180, 683	-----	-----	-----	-----
Utah.....	3, 236	75, 828	1, 513, 639	491, 028	-----	1, 040	40	1, 612
Washington.....	2, 174, 411	64, 894	998, 578	136, 551	-----	65	-----	-----
Wisconsin.....	80, 362	-----	-----	-----	-----	-----	-----	-----
Wyoming.....	458, 142	113, 924	5, 548, 785	1, 607, 498	-----	385	-----	1, 501
General Land Office.....	8, 964	8	-----	-----	319	-----	-----	-----
Number of entries.....	108, 024	4, 417	169, 966	54, 396	12	127	25	87
Money payment, dollars.....	35, 610, 504	11, 092, 602	7, 901, 883	9, 667, 531	4, 500	30, 436	768	10, 872

<sup>1</sup> Dates of passage of original acts: Timber and stone, June 3, 1878; coal, Mar. 3, 1873; desert land, Mar. 3, 1877.

<sup>2</sup> No entries for coal land in 1939.

<sup>3</sup> Includes 58,496 acres within Ute Reservation.

No. 141.—LANDS PATENTED OR CERTIFIED ON ACCOUNT OF RAILROAD AND WAGON-ROAD GRANTS—ACREAGE, BY STATES: YEARS ENDED JUNE 30, 1916 TO 1939

	1916-1920, total	1921-1925, total	1926-1930, total	1931-1935, total	1936	1937	1938	1939
Railway grants, total.....	5, 878, 674	6, 186, 079	1, 124, 880	1, 284, 591	4, 286	818	3, 302	2, 403
Alabama.....	120	-----	1, 399, 469	1, 118	-----	-----	350	-----
Arizona.....	1, 163, 775	3, 451, 578	188, 829	104, 218	-----	-----	-----	-----
Arkansas.....	-----	227	221	1, 177	-----	-----	-----	-----
California.....	319, 262	1, 032, 815	208, 604	76, 438	3, 165	727	1, 838	1, 906
Colorado.....	160	14, 482	160	7	-----	-----	-----	-----
Florida.....	180	639	1, 005	80	-----	-----	-----	-----
Idaho.....	102, 108	170, 611	-----	2, 315	-----	-----	-----	-----
Iowa.....	80	-----	73	-----	-----	-----	-----	-----
Kansas.....	-----	40	-----	-----	-----	-----	-----	-----
Louisiana.....	484	-----	1, 044	-----	-----	-----	-----	-----
Michigan.....	-----	-----	510	316	-----	-----	-----	-----
Minnesota.....	5, 744	328	5, 220	297	-----	-----	-----	-----
Missouri.....	240	600	-----	-----	-----	-----	-----	-----
Montana.....	1, 704, 549	261, 343	2, 716	21, 103	-----	-----	-----	18
Nebraska.....	-----	200	436	42	-----	-----	-----	-----
Nevada.....	515, 222	712, 564	163, 700	31, 935	871	-----	640	-----
New Mexico.....	1, 525, 406	344, 121	146, 482	14, 847	240	-----	-----	480
North Dakota.....	623	70	-----	-----	-----	-----	-----	-----
Oregon.....	39, 372	23, 986	120	3, 790	-----	-----	-----	-----
Utah.....	112, 351	160	1, 280	3, 019	-----	-----	-----	-----
Washington.....	381, 113	166, 283	2, 979	3, 159	-----	91	474	-----
Wisconsin.....	720	1, 405	1, 693	69	-----	-----	-----	-----
Wyoming.....	7, 344	14, 624	320	888	-----	-----	-----	-----
Wagon-road grants.....	19, 637	34, 366	2, 788	62, 530	-----	-----	-----	-----

<sup>1</sup> Figures for 1926-30 include 398,960 acres and for 1931-35, 1,118 acres for Muscle Shoals (river improvement).

<sup>2</sup> 1931 only; acreage is for Muscle Shoals (river improvement).

Source of tables 140 and 141: Department of the Interior, General Land Office; Annual Report of the Secretary and records in General Land Office.

NO. 142.—LANDS PATENTED OR CERTIFIED TO STATES AND CORPORATIONS FOR RAILROAD, WAGON-ROAD, AND RIVER-IMPROVEMENT PURPOSES—ACREAGE: 1850 TO JUNE 30, 1939

State grants, total.....	38,208,638	Minnesota, total.....	8,046,673
Illinois: Illinois Central.....	2,595,133	St. Paul, Minneapolis & Manitoba (formerly first division, St. Paul & Pacific).....	
Mississippi, total.....	1,075,345	Western R. R. (succeeded by St. Paul & Northern Pacific R. R. Co.).....	\$3,273,429
Mobile & Ohio.....	737,130	St. Paul, Minneapolis & Manitoba (formerly St. Vincent extension of the St. Paul & Pacific).....	
Vicksburg & Meridian.....	190,102	Minnesota Central.....	179,734
Gulf & Ship Island.....	139,113	Winona & St. Peter.....	1,681,020
Alabama, total.....	3,147,497	St. Paul & St. Louis City.....	1,126,019
Mobile & Ohio.....	1,419,528	St. Paul & Duluth.....	861,133
Alabama & Florida.....	399,023	Southern Minnesota, from a point on the Mississippi River to Houston.....	546,745
Selma, Rome & Dalton.....	468,671	Southern Minnesota Extension (now Chicago, Milwaukee & St. Paul).....	
Cosa & Tennessee.....	68,306	Hastings & Dakota.....	377,987
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	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.....	(*)
Florida & Alabama.....	196,691		
Pensacola & Georgia.....	1,279,237		
Florida, Atlantic & Gulf Central.....	29,384		
Louisiana: Vicksburg, Shreveport & Pacific.....	373,057		
Arkansas, total.....	2,593,720		
St. Louis, Iron Mountain & Southern.....	1,326,124	Kansas, total.....	4,634,237
Little Rock & Fort Smith.....	1,052,083	Leavenworth, Lawrence & Galveston.....	\$249,446
Memphis & Little Rock.....	185,514	Missouri, Kansas & Texas.....	\$976,593
Missouri, total.....	1,837,968	Atchison, Topeka & Santa Fe.....	2,944,788
Southwest branch of the Pacific road.....	1,161,285	St. Joseph & Denver City.....	463,409
Hannibal & St. Joseph.....	611,323		
St. Louis, Iron Mountain & Southern.....	65,360	Corporation grants, total.....	94,239,448
Iowa, total.....	4,929,623	Central Pacific.....	7,497,858
Burlington & Missouri River.....	389,990	Central Pacific (Western Pacific).....	402,130
Chicago, Rock Island & Pacific.....	\$483,214	Central Pacific (California & Oregon).....	3,237,242
	161,533	Union Pacific.....	11,936,603
Cedar Rapids & Missouri River.....	\$922,898	Union Pacific (Central branch).....	223,142
	245,023	Union Pacific (Kansas division).....	6,176,384
Dubuque & Sioux City.....	\$556,497	Union Pacific (Denver Pacific).....	821,331
Iowa Falls & Sioux City.....	683,057	Santa Fe Pacific (Atlanta & Pacific).....	11,588,330
Des Moines Valley (river-improvement grant).....	840,171	Burlington & Missouri River in Nebraska.....	2,374,001
Chicago, Milwaukee & St. Paul, formerly McGregor & Missouri River.....	326,216	Sioux City & Pacific (Missouri Valley Land Co.).....	42,611
Sioux City & St. Paul.....	322,413	Northern Pacific.....	39,064,567
Michigan, total.....	3,134,058	Oregon Central.....	128,618
Port Huron & Lake Michigan.....	37,467	Oregon & California.....	2,777,632
Jackson, Lansing & Saginaw.....	744,256	New Orleans Pacific.....	1,001,943
Grand Rapids & Indiana.....	852,621	Southern Pacific (main line).....	4,656,426
Flint & Pere Marquette.....	513,169	Southern Pacific (branch line).....	2,251,540
Marquette, Houghton & Ontonagon.....	865,930		
Ontonagon & Brule River.....	34,227	Wagon roads, total.....	3,359,185
Bay de Noquet & Marquette.....	128,301	From Lake Erie to Connecticut Western Reserve.....	80,774
Chicago & North Western.....	518,186	From Lake Michigan to Ohio River.....	170,550
Wisconsin, total.....	3,652,322	From Fort Wilkens, Copper Harbor, Mich., to Green Bay, Wis.....	302,931
Chicago, St. Paul, Minneapolis & Omaha (formerly West Wisconsin).....	814,331	From Fort Wilkens, Copper Harbor, Mich. to Wisconsin State line.....	221,013
Wisconsin Railroad Farm Mortgage Land Co.....	163,160	Oregon Central Military Co. (now California & Oregon Land Co.).....	940,514
Chicago, St. Paul, Minneapolis & Omaha (formerly St. Croix & Lake Superior).....	816,488	Corvallis and Yaquina Bay.....	83,717
Branch to Bayfield.....	471,721	Willamette Valley and Cascade Mountain.....	861,512
Chicago & North Western.....	546,767	Dalles Military Road.....	592,907
Wisconsin Central.....	339,369	Coos Bay Military Road.....	105,240

\* 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.

† Includes 35,685 acres of the Chicago, Rock Island & Pacific R. Y.; 109,757 acres of the Cedar Rapids & Missouri River R. R.; and 77,636 acres of the Dubuque & Sioux City R. R., situated in the old Des Moines River grant of Aug. 8, 1846, which should be deducted.

‡ Declared to be a grant.

§ See Minnesota for original grants.

¶ Leavenworth, Lawrence & Galveston includes 156,937 acres and Missouri, Kansas & Texas 270,971 acres in the Oregon ceded reservation which are to be deducted under decision of the Supreme Court.

Source: Department of the Interior, General Land Office; Annual Report of the Secretary and records in General Land Office.

No. 143.—LAND GRANTS (INCLUDING SCRIP) TO STATES FOR EDUCATIONAL AND OTHER PURPOSES—ACREAGE, BY STATES AND FOR ALASKA, TO JUNE 30, 1939

NOTE.—This table does not include data for grants to States for railroad and wagon-road purposes, etc. (See table 142)

STATE	Total	Common schools	Universities, agricultural colleges, and other educational	Miscellaneous institutions	Internal improvements (general items only)	Swamp	All other
Total.....	203,422,714	98,532,429	17,034,052	13,991,050	11,469,244	64,866,304	7,530,635
Alabama.....	2,260,708	611,627	383,785	181	500,000	440,455	24,660
Alaska.....	21,447,459	21,009,200	438,250				
Arizona.....	10,543,673	8,093,156	849,117	500,000			1,101,400
Arkansas.....	9,373,033	8,933,778	106,080		500,000	7,686,405	56,680
California.....	8,619,260	5,534,293	196,080		500,000	2,190,509	193,378
Colorado.....	4,433,898	3,685,618	138,200	32,000	500,000		78,080
Connecticut.....	180,000		180,000				
Delaware.....	90,000		90,000				
Florida.....	21,084,606	975,307	182,160		500,000	20,322,019	5,120
Georgia.....	270,000		270,000				
Idaho.....	3,639,555	2,963,698	386,686	250,000			39,171
Illinois.....	3,639,361	996,320	526,080		533,365	1,460,004	123,589
Indiana.....	4,306,293	668,578	436,080		1,916,804	1,259,231	25,600
Iowa.....	3,032,937	1,000,679	286,080		500,000	1,106,354	49,824
Kansas.....	3,614,417	2,007,520	151,269		500,000		55,628
Kentucky.....	352,509		330,000	22,509			
Louisiana.....	11,035,740	807,271	256,292		500,000	9,472,177	
Maine.....	210,000		210,000				
Maryland.....	210,000		210,000				
Massachusetts.....	360,000		360,000				
Michigan.....	8,787,733	1,021,867	286,080		500,000	5,680,270	1,299,516
Minnesota.....	8,374,121	2,374,951	212,160		500,000	4,706,130	80,880
Mississippi.....	5,021,079	324,213	348,240		500,000	3,947,373	1,253
Missouri.....	5,678,974	1,221,813	376,080		500,000	3,432,441	48,640
Montana.....	5,871,058	5,198,258	388,721	100,000			184,079
Nebraska.....	3,458,711	2,730,951	136,080	32,000	500,000		59,680
Nevada.....	2,728,647	2,061,967	136,080	12,800	500,000		12,800
New Hampshire.....	150,000		150,000				
New Jersey.....	210,000		210,000				
New Mexico.....	12,789,916	8,711,324	1,346,546	760,000			1,682,046
New York.....	990,000		990,000				
North Carolina.....	270,000		270,000				
North Dakota.....	3,103,551	2,495,396	336,080	250,000			82,075
Ohio.....	2,493,003	724,266	699,120		1,019,072	26,532	24,216
Oklahoma.....	3,095,760	1,375,000	1,050,000	670,760			
Oregon.....	4,375,515	3,399,360	136,165		500,000	286,108	53,882
Pennsylvania.....	780,000		780,000				
Rhode Island.....	120,000		120,000				
South Carolina.....	180,000		180,000				
South Dakota.....	3,435,373	2,733,084	366,080	250,640			85,569
Tennessee.....	300,000		300,000				
Texas.....	180,000		180,000				
Utah.....	7,464,497	5,844,196	556,141	500,160			564,000
Vermont.....	160,000		160,000				
Virginia.....	300,000		300,000				
Washington.....	3,044,471	2,376,391	336,080	200,000			132,000
West Virginia.....	150,000		150,000				
Wisconsin.....	6,222,644	982,323	332,160		500,000	3,859,406	1,048,749
Wyoming.....	4,139,209	3,470,909	136,080	200,000			113,120

<sup>1</sup> Includes acreage of grants for "educational and charitable" purposes, as follows: Idaho, 160,000; North Dakota, 170,000; South Dakota, 170,000; Washington, 200,000. Includes also 669,000 acres granted to Oklahoma for "charitable, penal, and public building" purposes, and 290,000 acres granted to Wyoming for "charitable, educational, penal, etc." purposes.

<sup>2</sup> See footnote 1.

Source: Department of the Interior, General Land Office; special report.

No. 144.—RECEIPTS UNDER MINERAL LEASING ACT OF FEB. 25, 1920: FROM DATE OF THE ACT TO JUNE 30, 1939

STATE	Total	1921-1931, total	1935	1936	1937	1938	1939
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Total</b> .....	116,860,607	90,181,761	3,924,652	4,353,391	5,622,366	6,527,114	5,741,833
Alabama.....	192,223	156,371	11,838	6,476	7,536	5,113	5,836
Arizona.....	785	305			1		480
California.....	38,148,160	24,575,989	1,984,604	2,361,833	3,107,988	3,422,596	2,705,140
Colorado.....	1,501,934	878,929	98,568	121,908	144,814	122,457	136,168
Idaho.....	39,837	27,093	3,749	3,955	3,137	1,674	326
Kansas.....	220				40		180
Louisiana.....	471,738	66,918	8,898	6,204	64,668	247,807	77,243
Mississippi.....	22					22	
Montana.....	2,518,226	2,022,676	83,469	97,325	106,317	95,704	112,744
Nebraska.....	140						140
Nevada.....	10,536	9,416	640	160	160	160	1
New Mexico.....	3,546,193	819,517	245,545	322,362	521,311	804,740	832,718
North Dakota.....	346,837	225,991	25,188	23,741	22,823	25,051	23,591
Oregon.....	21	21					
South Dakota.....	5,533	2,592	426	270	427	451	1,366
Utah.....	1,322,994	748,885	69,974	112,361	139,360	121,980	130,740
Washington.....	64,300	63,399	542				359
Wyoming.....	68,131,368	60,583,944	1,391,221	1,807,804	1,503,743	1,679,358	1,715,299

No. 145.—PUBLIC LAND, WITHDRAWALS AND RESTORATIONS FOR SPECIFIED PURPOSE—ACREAGE: 1927 TO 1939

NOTE.—These figures cover withdrawals and restorations for purposes shown only. They do not include national forests (see tables in sec. 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 <sup>1</sup>	Reser-voir sites	Public water reserve
<b>Withdrawals outstanding June 30—</b>							
1927.....	30,535,330	5,273,362	2,807,919	7,548,537	4,915,131	253,608	362,521
1928.....	29,940,372	5,275,236	2,031,306	7,548,216	4,994,937	254,523	392,876
1929.....	29,853,396	5,183,096	2,005,045	9,411,939	5,079,487	254,050	405,281
1930.....	29,825,440	5,183,090	2,004,765	9,411,939	5,118,942	254,050	419,339
1931.....	29,665,974	5,259,426	2,004,765	9,411,905	5,077,532	254,010	427,774
1932.....	29,676,864	5,259,426	2,004,765	9,411,905	4,949,421	254,010	437,220
1933.....	28,213,463	5,155,015	1,889,472	9,411,906	4,910,683	254,010	471,401
1934.....	27,277,025	5,155,015	1,889,456	9,411,906	5,147,654	254,010	480,708
1935.....	26,976,775	5,168,593	1,889,601	9,414,466	5,165,257	254,010	492,848
1936.....	26,971,813	5,168,593	1,889,601	9,411,906	5,180,647	254,010	495,028
1937.....	26,971,813	5,168,593	1,889,601	9,411,906	5,267,722	254,010	490,083
1938.....	26,971,813	5,168,593	1,889,601	9,411,906	5,347,583	254,010	497,113
1939.....	26,787,028	5,869,154	1,889,601	9,411,906	5,362,718	254,010	499,698
Alabama.....					1,789		
Alaska.....					214,454		17
Arizona.....	139,415				1,170,455		23,340
Arkansas.....					24,833		
California.....	17,603	1,178,392		90,324	729,638	45,225	210,463
Colorado.....	4,142,233	215,370			422,760		12,618
Florida.....			66,796				
Idaho.....	11,520		276,239				
Louisiana.....		466,990			508,022		19,342
Michigan.....					1,240		
Minnesota.....					12,300		
Montana.....	6,044,408	1,336,697	280,069		297,199	9,080	12,936
Nebraska.....					761		
Nevada.....	63,673			39,422	62,696		17,601
New Mexico.....	4,119,616			9,282,160	244,972		15,046
North Dakota.....	5,954,364	84,804					
Oregon.....	4,351				663,940	18,603	88,797
South Dakota.....							240
Utah.....	3,404,043	1,035,034	277,344		649,612	26,040	46,321
Washington.....	691,801				252,982	36,327	1,280
Wisconsin.....					17		
Wyoming.....	2,143,961	541,777	989,133		104,139	118,734	101,697
<b>New withdrawals during year ended June 30—</b>							
1937.....					89,862		1,335
1938.....					87,630		1,600
1939.....					15,382		4,200
<b>Restorations of land previously withdrawn, year ended June 30—</b>							
1937.....							280
1938.....					7,819		570
1939.....	214,785	309,439			247		1,615

<sup>1</sup> Includes data for 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.

<sup>2</sup> Adjusted.

<sup>3</sup> Includes 13,678 acres withdrawn as helium reserve.

Source of tables 144 and 145: Department of the Interior, General Land Office; Annual Report of the Secretary and records in General Land Office.

No. 146.—PUBLIC LANDS, UNAPPROPRIATED AND UNRESERVED—ACREAGE, BY STATES: JUNE 30, 1890 TO 1939

NOTE.—Public lands outside Alaska were withdrawn from all disposition with certain exceptions by Executive orders issued in 1934 and 1935, in furtherance of the Taylor Grazing Act and for conservation and development of natural resources. Figures exclude unappropriated and unreserved public lands in Alaska estimated at 323,000,000 acres on Apr. 30, 1938

STATE	1890	1900	1910	1920	1930	1938 <sup>1</sup>	1939
Total	2 686,216,861	2 657,643,120	343,971,674	200,320,128	178,979,448	177,336,364	176,352,237
Alabama	1,105,000	359,250	108,210	37,200	( <sup>2</sup> )	15,640	15,640
Arizona	49,699,052	50,286,986	41,491,369	18,268,909	15,180,880	13,879,323	13,827,154
Arkansas	4,902,329	3,493,444	512,705	276,595	190,969	142,240	142,240
California	53,922,718	42,487,612	24,804,884	19,585,801	10,623,488	16,330,029	17,322,713
Colorado	39,994,446	39,560,247	21,726,192	8,941,185	8,027,468	8,104,597	7,746,563
Florida	5,624,426	1,596,411	453,000	120,077	18,897	10,200	10,200
Idaho	46,957,200	43,286,694	24,743,804	8,805,112	10,617,970	12,077,498	11,722,178
Iowa	5,000						
Kansas	765,791	1,196,900	187,180	4,346	( <sup>2</sup> )	880	880
Louisiana	1,358,853	442,224	88,911	14,240	( <sup>2</sup> )	3,400	3,400
Michigan	832,707	430,483	107,890	73,623	( <sup>2</sup> )	3,900	3,960
Minnesota	6,913,554	4,696,203	1,663,302	256,297	189,845	31,160	31,160
Mississippi	1,407,480	285,804	47,058	33,360	( <sup>2</sup> )	6,320	6,320
Missouri	1,151,463	337,946	2,610	18	( <sup>2</sup> )	480	480
Montana	64,807,627	67,963,057	30,015,943	5,973,741	6,601,677	6,217,045	5,811,672
Nebraska	11,226,584	9,798,688	1,879,489	66,844	22,628	17,500	17,500
Nevada	50,804,540	61,277,506	56,474,688	54,267,175	51,454,493	52,349,532	51,789,789
New Mexico	56,360,326	55,541,170	30,454,692	18,448,878	15,664,121	13,772,696	11,730,620
North Dakota	30,497,400	18,726,239	1,410,225	81,044	146,505	83,207	87,487
Oklahoma	3,694,693	5,733,572	5,007	7,404	( <sup>2</sup> )	6,720	6,720
Oregon	38,273,228	34,377,907	17,680,573	14,006,757	13,069,130	12,116,095	12,681,555
South Dakota	10,241,498	11,930,809	4,662,804	288,472	439,880	186,405	193,439
Utah	36,205,100	42,967,451	35,956,554	29,091,715	23,881,445	25,093,688	27,016,613
Washington	19,046,316	11,125,883	3,196,059	1,086,686	920,584	522,699	504,476
Wisconsin	819,320	313,565	14,460	5,154	( <sup>2</sup> )	3,480	3,480
Wyoming	49,010,000	48,368,160	34,576,159	19,679,695	15,929,460	15,760,981	15,676,098

<sup>1</sup> Figures are as of Apr. 30.

<sup>2</sup> 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.

<sup>3</sup> Includes 129,642,671 acres of public lands within grazing districts, subject to grazing use.

<sup>4</sup> Data not tabulated. See heading, table 137.

<sup>5</sup> Figures include 3,672,640 acres of unsurveyed land in public land strip.

Source: Department of the Interior, General Land Office; 1938, report on Vacant Public Lands; 1939, records in the General Land Office.

No. 147.—LANDS UNDER JURISDICTION OF OFFICE OF INDIAN AFFAIRS—ACREAGE, BY STATES: 1881 TO 1939

STATE	1881	1900	1911	1933	JAN. 1, 1939			Government owned
					Total	Trust allotted	Tribal	
Acres, total	155,682,312	73,372,186	71,644,798	52,651,313	54,839,278	17,594,376	35,402,440	1,842,462
Arizona	3,092,720	15,150,757	17,358,748	18,657,984	19,248,445	298,296	18,260,627	639,522
California	415,841	406,596	437,629	625,354	642,467	197,083	444,795	611
Colorado	12,467,200	483,750	556,561	443,751	709,169	37,577	671,162	429
Florida		28,002	28,542	125,880	60,574		60,574	
Idaho	2,748,951	1,864,500	770,700	803,239	817,951	490,950	317,826	3,172
Iowa	692	2,905	3,251	3,361	13,366		3,253	113
Kansas	187,747	28,276	273,408	34,821	34,909	33,519	80	1,010
Michigan	66,332	6,317	153,910	20,233	25,351	14,070	977	10,304
Minnesota	5,026,447	1,566,707	1,480,647	549,320	638,891	148,554	489,401	876
Mississippi				13,363	9,085			9,035
Montana	29,356,800	9,500,700	6,263,151	6,055,009	6,309,492	5,070,167	1,215,462	113,893
Nebraska	436,252	74,592	344,575	69,280	775,919	64,429	11,460	
Nevada	835,015	954,135	696,749	866,176	895,332	87,574	804,968	2,790
New Mexico	7,228,731	1,607,455	4,520,652	6,188,964	5,703,871	924,087	4,982,670	797,114
New York	36,396	37,677	87,677					
North Carolina	( <sup>1</sup> )			57,705	57,705		57,320	385
North Dakota	( <sup>1</sup> )	3,701,724	2,785,102	1,034,123	1,039,453	983,054	35,395	16,004
Oklahoma	41,100,915	26,397,237	22,736,479	2,919,886	2,830,000	2,754,507	105,660	28,794
Oregon	3,853,800	1,300,225	1,719,561	1,718,510	1,718,773	403,781	1,323,713	7,279
South Dakota	36,616,448	8,991,791	7,221,939	6,544,424	5,922,440	4,688,785	1,115,088	120,667
Utah	2,030,040	2,035,040	261,101	1,671,020	1,749,729	96,968	1,635,679	8,132
Washington	7,079,348	2,393,574	2,648,708	2,712,915	2,722,212	961,045	1,758,123	3,044
Wisconsin	586,028	381,661	590,094	395,919	442,002	144,652	276,088	22,262
Wyoming	2,342,400	1,810,000	1,318,543	2,249,576	2,020,503	189,278	1,833,119	7,106

<sup>1</sup> Includes 3,253 acres taxable trust land.

<sup>2</sup> Reservation established 1918.

<sup>3</sup> Includes 52,032 acres taxable trust land.

<sup>4</sup> Dakota Territory.

<sup>5</sup> Includes 336,232 acres taxable trust land at Osage Agency.

<sup>6</sup> Includes 169,225 acres unrestored tribal land at Ohewenne River Agency.

<sup>7</sup> Excludes ceded lands amounting to 1,472,000 acres. All other years include ceded lands.

<sup>8</sup> Includes 1,079,107 acres unrestored tribal land and 244,756 acres taxable trust land.

Source: Department of the Interior, Office of Indian Affairs; 1881, 1900, and 1911, Annual Report of Commissioner; 1933, Annual Statistical Report of Extension Division; 1939, Statistical Supplement to the Annual Report of Commissioner.

## No. 148.—CLIMATIC CONDITIONS OF SELECTED CITIES, BY MONTHS

NOTE.—The table presented herewith shows the more important facts concerning the weather at a number of points in continental United States and outlying areas selected with a view to covering all the important climatic sections. The temperature extremes include the entire period of observations to Dec. 31, 1939. Other data are standard normals or long-time averages covering periods ranging up to 50 years or more. Average hourly wind velocity data are reduced to true velocities. Temperatures are Fahrenheit

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
<b>ALABAMA, MONTGOMERY</b>													
Temperature:													
Monthly mean	48.2	51.6	57.8	65.3	73.4	79.6	81.7	80.8	70.3	66.6	55.8	49.4	65.5
Daily mean maximum	57.8	60.7	68.0	75.5	83.3	89.5	90.9	89.9	86.4	76.5	66.1	58.4	75.3
Daily mean minimum	40.2	42.4	48.3	55.1	63.1	70.2	72.4	71.9	67.5	56.3	46.1	40.8	56.2
Highest on record	81	84	90	92	99	106	107	103	106	96	80	81	107
Lowest on record	5	-5	20	30	43	48	61	68	46	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	61.19
Days with 0.01 inch or more	11	10	10	8	9	11	12	11	8	6	7	10	113
Total snowfall, inches	0	0.3	( <sup>1</sup> )	( <sup>1</sup> )	0	0	0	0	0	0	( <sup>1</sup> )	0	0.8
Percentage of possible sunshine	51	54	62	68	71	72	64	67	69	69	64	46	64
Number of clear days	9	9	12	12	13	9	5	9	13	16	14	10	134
Hourly wind velocity, miles	7.0	7.8	7.9	7.4	6.5	6.3	6.1	5.5	6.3	6.4	6.7	7.1	6.8
<b>ARIZONA, PHOENIX</b>													
Temperature:													
Monthly mean	51.2	55.1	60.7	67.0	75.0	84.5	89.8	88.5	82.7	70.6	59.7	52.0	69.7
Daily mean maximum	64.9	69.0	74.5	82.4	90.7	101.2	103.5	101.3	97.2	86.4	74.7	65.3	84.2
Daily mean minimum	38.5	42.7	47.0	52.9	60.0	69.2	77.2	75.9	69.1	55.1	45.2	39.1	56.1
Highest on record	84	92	95	103	114	118	115	115	112	105	96	82	118
Lowest on record	10	24	30	35	39	49	63	68	47	30	27	22	16
Precipitation:													
Total, inches	0.80	0.77	0.68	0.40	0.12	0.07	1.07	0.95	0.76	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	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0	0	0	0	0	0	0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Percentage of possible sunshine	75	77	82	88	92	93	83	83	88	89	83	77	84
Number of clear days	17	16	18	20	23	25	17	18	22	23	20	18	236
Hourly wind velocity, miles	5.3	5.7	6.2	6.5	6.5	6.3	6.3	5.8	6.6	5.4	5.2	5.0	5.8
<b>ARKANSAS, LITTLE ROCK</b>													
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	60.3	63.6	62.7	71.9	79.1	87.0	90.2	89.5	84.0	73.6	61.3	52.1	71.3
Daily mean minimum	34.0	36.2	44.1	53.0	60.8	68.3	72.1	71.0	65.3	53.9	43.0	30.1	53.2
Highest on record	78	87	90	94	97	105	108	110	104	93	84	78	110
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	4.10	4.14	48.38
Days with 0.01 inch or more	10	8	10	10	16	10	9	9	7	6	8	9	106
Total snowfall, inches	1.9	1.3	0.5	( <sup>1</sup> )	0	0	0	0	0	0	0.2	1.0	4.9
Percentage of possible sunshine	47	53	55	63	67	73	72	73	72	69	57	47	63
Number of clear days	10	9	11	11	16	11	12	14	14	17	13	11	143
Hourly wind velocity, miles	8.1	8.8	9.4	8.8	7.5	6.5	6.1	5.8	6.0	6.5	7.5	7.9	7.4
<b>CALIFORNIA, FRESNO</b>													
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	54.1	61.3	66.3	73.9	81.6	91.1	99.1	97.4	89.2	78.5	66.0	54.9	76.2
Daily mean minimum	38.1	41.7	44.6	48.0	53.2	59.6	65.1	63.7	58.2	51.2	43.3	38.3	50.4
Highest on record	79	84	87	101	110	112	115	113	111	100	86	76	115
Lowest on record	17	24	28	34	38	42	50	51	42	35	27	18	17
Precipitation:													
Total, inches	1.73	1.43	1.58	0.95	0.44	0.08	0.01	0.01	0.21	0.57	0.93	1.45	9.39
Days with 0.01 inch or more	8	7	7	4	2	1	( <sup>2</sup> )	( <sup>2</sup> )	1	2	4	7	43
Total snowfall, inches	0.1	( <sup>1</sup> )	( <sup>1</sup> )	0	0	0	0	0	0	0	0	( <sup>1</sup> )	0.1
Percentage of possible sunshine	45	63	72	83	88	94	96	96	92	87	74	49	78
Number of clear days	9	12	14	18	21	25	28	28	26	23	17	10	230
Hourly wind velocity, miles	5.4	6.0	6.2	7.2	7.9	8.2	7.8	7.2	6.2	5.4	4.6	4.8	6.4

<sup>1</sup>Trace.<sup>2</sup>Less than 1 day.

No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>CALIFORNIA, LOS ANGELES</b>													
Temperature:													
Monthly mean.....	54.6	55.5	57.5	59.4	62.2	66.4	70.2	71.1	69.0	65.3	60.0	56.6	62.4
Daily mean maximum.....	64.6	65.5	67.4	69.6	71.7	76.4	81.2	82.0	80.4	76.2	72.7	66.8	72.0
Daily mean minimum.....	45.7	46.9	48.6	50.6	53.4	58.6	60.9	60.7	68.7	64.0	50.9	47.5	52.9
Highest on record.....	90	92	99	100	103	108	109	108	108	102	96	92	100
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	6	4	2	1	(2)	(2)	1	2	3	6	37
Total snowfall, inches.....	(1)	(1)	0	0	0	0	0	0	0	0	(1)	(1)	(1)
Percentage of possible sunshine.....													
Number of clear days.....	70	68	68	68	63	70	78	79	77	76	78	73	72
Hourly wind velocity, miles.....	6.2	6.4	6.4	6.4	6.2	6.1	5.9	5.8	5.7	5.7	5.9	6.2	6.1
<b>CALIFORNIA, SAN DIEGO</b>													
Temperature:													
Monthly mean.....	54.2	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.....	62.5	62.9	64.0	65.3	66.9	69.2	72.5	74.0	73.0	70.5	68.4	64.5	67.7
Daily mean minimum.....	46.6	48.1	50.0	52.7	55.0	59.0	62.5	63.9	61.5	56.9	51.8	48.4	54.8
Highest on record.....	85	89	99	96	98	96	100	94	110	90	93	84	110
Lowest on record.....	25	34	36	39	45	50	54	54	50	44	36	32	25
Precipitation:													
Total, inches.....	2.06	2.03	1.72	0.77	0.35	0.05	0.03	0.04	0.08	0.54	0.76	1.87	10.30
Days with 0.01 inch or more.....	7	7	7	4	3	1	1	1	1	3	4	5	45
Total snowfall, inches.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine.....													
Number of clear days.....	68	66	67	68	60	62	68	71	72	71	77	71	68
Hourly wind velocity, miles.....	6.2	6.7	7.1	7.3	7.3	7.0	6.8	6.7	6.7	6.3	6.1	6.1	6.7
<b>CALIFORNIA, SAN FRANCISCO</b>													
Temperature:													
Monthly mean.....	49.9	52.2	54.2	55.0	56.8	58.5	58.5	59.1	60.9	60.5	58.3	51.3	56.1
Daily mean maximum.....	55.0	58.4	60.7	62.2	63.4	65.6	65.1	65.3	68.3	67.8	62.8	56.2	62.6
Daily mean minimum.....	44.7	47.0	48.2	49.3	50.6	52.2	52.8	53.3	54.6	53.7	50.6	46.3	50.6
Highest on record.....	78	80	85	89	97	100	99	92	101	96	83	74	101
Lowest on record.....	29	33	33	40	42	46	47	46	47	43	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	10	6	4	2	(2)	(2)	2	4	7	10	67
Total snowfall, inches.....	(1)	0.1	(1)	0	0	0	0	0	0	0	0	0.1	0.2
Percentage of possible sunshine.....													
Number of clear days.....	53	57	63	71	71	75	69	63	70	70	63	56	66
Hourly wind velocity, miles.....	7.6	7.8	8.7	9.7	10.6	11.2	11.5	10.9	9.4	7.9	7.1	7.3	9.1
<b>COLORADO, DENVER</b>													
Temperature:													
Monthly mean.....	29.8	32.7	39.3	47.1	56.2	66.9	72.2	70.7	62.9	51.2	39.8	32.3	50.0
Daily mean maximum.....	42.8	44.8	51.4	60.7	68.8	80.2	85.6	84.3	76.5	64.6	52.5	44.3	63.0
Daily mean minimum.....	18.3	20.9	27.1	35.3	44.4	53.4	59.3	58.1	49.1	38.1	27.6	20.2	37.7
Highest on record.....	76	77	82	86	92	99	102	105	97	90	79	74	105
Lowest on record.....	-29	-25	-11	4	19	32	42	40	21	-2	-18	-25	-29
Precipitation:													
Total, inches.....	0.40	0.63	1.04	2.06	2.21	1.38	1.68	1.43	0.99	1.05	0.55	0.73	14.05
Days with 0.01 inch or more.....	4	6	8	9	10	8	9	9	6	6	5	5	85
Total snowfall, inches.....	4.8	7.9	10.7	9.9	2.0	(1)	0	0	0.8	4.5	6.5	9.0	56.1
Percentage of possible sunshine.....													
Number of clear days.....	68	67	64	63	60	69	68	66	70	70	67	55	66
Hourly wind velocity, miles.....	7.6	7.7	8.2	8.4	7.7	7.4	6.9	6.6	6.7	7.0	7.3	7.2	7.4
<b>CONNECTICUT, HARTFORD</b>													
Temperature:													
Monthly mean.....	25.5	27.2	35.0	46.7	57.5	67.4	71.0	68.9	61.7	51.2	39.5	29.8	48.5
Daily mean maximum.....	35.9	35.2	45.5	56.9	68.7	77.3	82.6	79.7	73.4	63.1	49.9	38.0	63.8
Daily mean minimum.....	20.7	19.1	28.7	38.3	48.7	57.5	63.3	60.9	54.5	43.9	34.5	24.2	41.2
Highest on record.....	70	60	82	91	94	98	101	100	95	91	77	67	101
Lowest on record.....	-12	-15	4	11	32	40	48	43	32	24	6	-18	-18
Precipitation:													
Total, inches.....	3.94	3.83	3.90	3.36	3.60	3.03	4.37	4.29	3.49	3.52	3.55	3.97	44.00
Days with 0.01 inch or more.....	12	10	11	12	12	11	10	10	9	9	10	10	126
Total snowfall, inches.....	11.0	18.8	6.2	1.4	(1)	0	0	0	0	(1)	2.1	8.6	43.1
Percentage of possible sunshine.....													
Number of clear days.....	46	55	55	53	56	57	57	56	53	53	45	43	52
Hourly wind velocity, miles.....	8.6	8.7	9.1	9.1	8.5	7.8	7.6	7.2	7.1	7.6	8.2	8.1	8.1

<sup>1</sup> Trace.

<sup>2</sup> Less than 1 day.



## No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>DELAWARE, WILMINGTON</b> <sup>3</sup>													
Temperature:													
Monthly mean	33.1	32.6	42.3	52.3	63.0	71.5	76.3	74.0	68.2	56.8	45.6	35.0	54.2
Daily mean maximum	40.6	40.5	51.6	62.9	73.7	81.8	85.8	83.4	77.4	66.2	53.7	42.3	63.3
Daily mean minimum	25.6	24.6	32.9	42.0	52.4	61.1	66.7	64.8	58.7	47.5	37.4	27.8	45.1
Highest on record	71	78	80	97	98	102	106	107	98	90	78	70	107
Lowest on record	-10	-15	6	11	31	41	49	47	33	23	11	-7	-15
Precipitation:													
Total, inches	3.47	3.26	3.53	3.48	3.58	3.91	4.96	4.88	3.66	3.09	2.99	3.52	44.33
Days with 0.01 inch or more	10	9	10	9	10	9	9	10	7	6	8	9	106
Total snowfall, inches	6.2	6.7	3.5	0.9	0	0	0	0	0	0.1	0.6	4.3	22.3
Number of clear days	13	13	15	15	16	16	17	16	16	18	14	13	182
<b>D. C., WASHINGTON</b>													
Temperature:													
Monthly mean	33.4	35.3	42.6	53.3	63.7	72.2	76.8	75.0	68.1	57.4	45.2	36.6	55.0
Daily mean maximum	42.2	43.5	52.3	63.5	74.5	82.4	86.6	84.1	78.2	67.0	54.4	44.3	64.4
Daily mean minimum	26.7	27.1	34.4	43.6	54.0	62.9	67.7	65.8	59.3	47.4	37.3	29.1	46.3
Highest on record	77	84	93	95	97	102	106	106	104	93	83	74	106
Lowest on record	-14	-15	4	15	33	43	52	49	36	26	11	-13	-15
Precipitation:													
Total, inches	3.55	3.27	3.75	3.27	3.70	4.13	4.71	4.01	3.24	2.84	2.37	3.32	42.16
Days with 0.01 inch or more	11	10	12	11	12	11	11	11	8	8	9	10	124
Total snowfall, inches	6.3	6.1	3.9	0.5	( <sup>1</sup> )	0	0	0	0	( <sup>1</sup> )	0.7	3.4	20.9
Percentage of possible sunshine	46	53	55	58	61	63	64	61	62	61	53	47	57
Number of clear days	9	9	10	10	11	11	11	11	12	14	10	10	128
Hourly wind velocity, miles	7.9	8.5	8.9	8.6	7.2	6.5	6.2	6.0	6.0	6.7	7.5	7.5	7.3
<b>FLORIDA, JACKSONVILLE</b>													
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	64.8	66.7	72.0	77.4	83.4	87.9	89.9	89.4	85.6	78.3	70.8	65.2	77.6
Daily mean minimum	47.5	49.1	54.1	59.9	66.4	71.9	73.8	73.7	71.5	63.5	54.1	47.9	61.1
Highest on record	83	86	91	92	99	101	104	101	99	95	86	83	104
Lowest on record	15	10	26	34	46	54	65	64	49	37	26	14	10
Precipitation:													
Total, inches	2.80	2.97	2.91	2.38	4.02	5.33	6.71	5.81	7.35	4.46	1.98	3.02	40.74
Days with 0.01 inch or more	9	8	8	7	9	13	15	15	13	10	7	8	122
Total snowfall, inches	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0	0	0	0	0	0	0	0	( <sup>1</sup> )	( <sup>1</sup> )
Percentage of possible sunshine	59	59	68	73	71	65	64	65	62	59	62	53	63
Number of clear days	10	10	13	13	12	8	8	8	9	12	13	11	127
Hourly wind velocity, miles	9.1	9.5	9.7	9.6	9.1	8.8	8.6	8.2	8.6	9.2	8.9	8.9	9.0
<b>FLORIDA, MIAMI</b>													
Temperature:													
Monthly mean	66.5	67.1	70.2	72.8	76.4	80.0	81.0	81.4	80.1	77.0	71.8	68.0	74.4
Daily mean maximum	74.4	74.9	76.7	79.8	82.7	85.4	87.1	87.4	86.2	83.0	77.6	75.3	80.9
Daily mean minimum	62.1	61.4	63.8	67.7	71.5	74.6	76.1	76.5	75.6	72.9	66.4	63.0	69.3
Highest on record	85	88	92	93	94	94	96	96	95	93	88	91	96
Lowest on record	29	27	34	45	50	61	66	67	62	52	36	30	27
Precipitation:													
Total, inches	2.52	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	7	7	8	12	13	15	15	18	16	10	7	137
Total snowfall, inches	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine	66	71	73	73	67	61	67	69	64	63	64	67	67
Number of clear days	10	11	12	10	7	5	5	6	5	7	9	10	97
Hourly wind velocity, miles	9.7	9.7	10.0	9.9	9.4	8.4	8.2	8.2	8.8	9.6	10.7	9.3	9.3
<b>FLORIDA, TAMPA</b>													
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	70.2	71.5	76.1	80.4	85.6	88.6	89.3	89.7	88.2	82.6	75.9	70.7	80.7
Daily mean minimum	52.6	53.7	57.9	62.0	67.7	71.9	73.8	73.9	72.4	66.3	58.2	53.1	63.6
Highest on record	85	86	92	91	94	98	97	97	96	93	88	86	98
Lowest on record	23	22	32	38	52	59	65	66	64	43	32	10	19
Precipitation:													
Total, inches	2.69	2.56	2.43	2.01	2.99	7.25	7.95	8.18	6.42	3.09	172	2.07	49.36
Days with 0.01 inch or more	7	7	6	5	7	14	17	17	15	8	5	6	114
Total snowfall, inches	0	( <sup>1</sup> )	0	0	0	0	0	0	0	0	0	( <sup>1</sup> )	( <sup>1</sup> )
Percentage of possible sunshine	61	66	71	75	74	66	63	65	65	66	66	61	67
Number of clear days	11	11	14	13	12	7	7	6	7	13	13	12	123
Hourly wind velocity, miles	8.2	8.6	8.7	8.6	8.0	7.5	7.0	6.9	7.7	8.6	8.3	8.0	8.2

<sup>1</sup> Trace. <sup>3</sup> No data on percentage of possible sunshine or hourly wind velocity available.

## No. 148.—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	68.9	76.0	78.1	77.0	72.4	63.0	52.1	44.7	61.2
Daily mean maximum	51.4	53.9	61.8	70.3	78.7	85.5	87.1	85.9	81.8	71.5	60.6	52.8	70.1
Daily mean minimum	35.7	37.0	43.4	51.6	60.1	67.2	69.7	69.0	64.6	53.8	44.6	37.7	52.7
Highest on record	76	78	87	93	97	102	103	101	102	94	82	75	103
Lowest on record	-2	-8	3	25	38	39	58	56	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	1.0	0.9	0.2	( <sup>1</sup> )	0	0	0	0	0	0	( <sup>1</sup> )	0.4	2.6
Percentage of possible sunshine	49	54	61	66	67	68	61	61	64	67	61	47	60
Number of clear days	9	9	12	11	11	10	8	8	12	16	13	10	129
Hourly wind velocity, miles	11.6	11.8	11.7	10.7	9.5	8.6	8.4	8.0	8.7	9.9	10.8	11.1	10.1
IDAHO, BOISE													
Temperature:													
Monthly mean	28.8	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	37.3	43.2	52.8	62.4	70.7	79.7	80.7	87.9	75.7	64.1	50.0	39.6	62.8
Daily mean minimum	21.8	26.6	32.8	38.6	45.0	51.4	58.0	56.5	47.5	39.4	31.0	24.5	39.4
Highest on record	62	69	83	92	100	107	113	121	103	95	85	70	121
Lowest on record	-28	-13	-5	11	25	30	40	32	23	14	-10	-18	-28
Precipitation:													
Total, inches	1.73	1.44	1.35	1.18	1.43	0.92	0.24	0.19	0.53	1.24	1.28	1.57	13.10
Days with 0.01 inch or more	11	9	9	7	7	6	2	2	3	6	8	10	79
Total snowfall, inches	8.4	5.6	2.9	0.7	( <sup>1</sup> )	( <sup>1</sup> )	0	0	( <sup>1</sup> )	0.1	1.5	5.3	24.6
Percentage of possible sunshine	37	52	62	70	75	81	88	88	78	69	51	40	66
Number of clear days	5	6	7	9	11	14	22	22	18	14	9	6	143
Hourly wind velocity, miles	5.7	6.1	6.8	7.0	6.8	6.2	5.9	5.5	5.5	5.3	5.5	5.4	6.0
ILLINOIS, CHICAGO													
Temperature:													
Monthly mean	23.7	26.3	35.3	46.9	57.5	67.3	72.5	71.6	65.2	54.0	40.1	28.8	49.1
Daily mean maximum	31.1	33.4	43.0	54.7	65.6	75.7	80.6	79.2	73.3	61.7	47.0	35.2	56.7
Daily mean minimum	17.9	19.8	29.0	39.5	49.2	59.3	65.2	64.2	57.3	45.9	33.4	22.8	41.9
Highest on record	65	68	81	90	98	102	105	102	100	87	77	68	105
Lowest on record	-20	-21	-12	17	27	40	50	47	32	14	-2	-23	-23
Precipitation:													
Total, inches	1.90	2.14	2.58	2.78	3.54	3.30	3.33	3.21	3.14	2.53	2.37	2.04	32.86
Days with 0.01 inch or more	11	10	12	11	12	11	9	9	9	9	10	11	124
Total snowfall, inches	8.8	8.6	5.9	1.2	( <sup>1</sup> )	0	0	0	0	0.1	1.6	6.8	33.0
Percentage of possible sunshine	45	50	53	57	64	70	73	69	64	59	46	40	58
Number of clear days	8	7	8	9	10	10	13	13	12	12	8	7	117
Hourly wind velocity, miles	12.0	12.0	13.0	12.0	11.0	10.0	9.0	10.0	10.0	11.0	12.0	12.0	11.0
INDIANA, INDIANAPOLIS													
Temperature:													
Monthly mean	28.4	31.1	40.0	52.1	62.9	71.6	76.7	73.7	66.9	55.7	42.3	32.2	52.7
Daily mean maximum	36.3	38.6	45.8	61.2	72.2	81.4	85.8	83.5	76.9	64.7	49.8	39.3	61.5
Daily mean minimum	21.6	23.2	32.1	43.1	52.5	62.6	66.8	64.1	57.8	46.4	34.6	25.5	44.3
Highest on record	70	73	84	90	96	101	106	103	100	89	78	69	106
Lowest on record	-25	-18	0	19	31	39	48	44	30	22	-5	-15	-25
Precipitation:													
Total, inches	2.95	2.73	3.03	3.62	3.89	3.62	3.34	3.31	3.40	2.78	3.35	2.93	30.90
Days with 0.01 inch or more	13	10	13	12	13	11	10	9	9	9	11	12	132
Total snowfall, inches	6.0	4.7	3.7	0.7	0.1	0	0	0	0	( <sup>1</sup> )	1.4	4.6	21.2
Percentage of possible sunshine	43	47	47	55	61	68	72	68	67	62	50	39	57
Number of clear days	6	6	9	7	9	8	11	11	12	12	8	6	102
Hourly wind velocity, miles	11.5	11.6	12.1	11.8	10.5	9.6	8.7	8.4	9.3	9.9	11.2	11.2	10.5
IOWA, DES MOINES													
Temperature:													
Monthly mean	20.1	23.7	35.9	50.1	61.3	70.6	75.4	73.1	65.6	53.4	38.4	26.0	49.5
Daily mean maximum	29.8	33.4	46.1	60.6	71.7	80.8	85.6	84.0	75.9	63.9	47.6	34.2	59.5
Daily mean minimum	12.0	15.6	27.5	40.4	51.3	61.0	65.8	63.3	55.2	43.2	29.5	18.0	40.2
Highest on record	65	78	88	92	105	103	110	110	99	92	82	69	110
Lowest on record	-30	-22	-10	11	26	37	48	40	26	7	-10	-21	-30
Precipitation:													
Total, inches	1.07	1.12	1.78	2.91	4.56	4.76	3.50	3.52	3.67	2.50	1.43	1.22	32.04
Days with 0.01 inch or more	8	8	9	10	12	11	9	9	9	8	7	8	108
Total snowfall, inches	8.6	7.1	5.3	1.2	( <sup>1</sup> )	0	0	0	0	0.3	2.3	7.0	31.8
Percentage of possible sunshine	54	57	57	59	62	67	74	70	63	63	54	49	61
Number of clear days	10	9	8	8	8	8	12	13	12	13	10	9	120
Hourly wind velocity, miles	10.1	10.8	11.2	11.5	9.9	9.1	8.3	8.2	8.6	9.5	10.5	9.8	9.8

<sup>1</sup> Trace.

## No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>KANSAS, DODGE CITY</b>													
Temperature:													
Monthly mean	29.0	33.2	42.8	53.6	63.5	72.5	78.4	77.7	69.4	58.1	42.6	32.6	54.8
Daily mean maximum	41.7	46.1	56.3	67.1	75.2	85.4	90.8	89.5	81.8	69.4	55.9	44.7	67.0
Daily mean minimum	17.8	21.0	29.2	40.9	51.1	61.0	66.1	64.8	56.4	43.3	29.8	21.1	41.9
Highest on record	79	84	98	95	101	107	109	109	108	94	86	79	109
Lowest on record	-20	-26	-10	9	19	36	40	40	30	10	-13	-15	-28
Precipitation:													
Total, inches	0.41	0.77	0.89	1.94	2.89	3.30	3.14	2.67	1.90	1.30	0.78	0.57	20.51
Days with 0.01 inch or more	4	5	6	7	10	9	8	7	6	5	4	4	75
Total snowfall, inches	3.4	5.2	4.2	0.9	( <sup>1</sup> )	0	0	0	0	0.3	1.5	3.0	18.5
Percentage of possible sunshine:													
Percentage of possible sunshine	68	68	68	68	67	74	77	78	76	75	71	67	72
Number of clear days	15	13	13	13	12	15	17	17	18	16	15	15	180
Hourly wind velocity, miles	10.0	10.7	12.5	13.3	12.5	12.0	10.7	10.0	11.1	10.9	10.1	10.1	11.2
<b>KENTUCKY, LOUISVILLE</b>													
Temperature:													
Monthly mean	34.4	37.2	45.4	56.4	66.6	74.7	78.6	77.0	70.5	59.3	46.7	37.6	57.0
Daily mean maximum	42.7	45.1	54.6	65.7	75.9	84.2	88.2	86.4	80.5	68.0	54.7	44.7	65.9
Daily mean minimum	27.2	28.5	36.8	46.6	56.4	65.3	69.1	67.5	61.0	49.1	38.2	30.2	48.0
Highest on record	74	78	88	91	98	102	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	123
Total snowfall, inches	4.1	3.8	2.2	0.2	( <sup>1</sup> )	0	0	0	0	0.1	0.5	3.0	13.9
Percentage of possible sunshine:													
Percentage of possible sunshine	43	48	52	57	63	69	72	69	68	65	51	39	58
Number of clear days	8	7	8	9	10	9	12	12	13	14	10	7	119
Hourly wind velocity, miles	9.9	10.2	10.8	9.9	8.5	7.8	7.1	6.7	7.2	7.9	9.3	9.5	8.7
<b>LOUISIANA, NEW ORLEANS</b>													
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	55.0	69.3
Daily mean maximum	62.7	65.1	71.1	76.8	82.9	88.2	89.5	89.4	86.2	78.4	69.7	63.3	76.9
Daily mean minimum	47.4	49.5	55.2	61.1	67.8	73.8	75.5	75.6	72.9	64.2	54.4	48.3	62.1
Highest on record	83	84	90	90	96	102	102	100	99	94	80	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	4.00	5.88	6.37	5.80	5.03	3.80	3.14	4.79	67.46
Days with 0.01 inch or more	10	9	9	7	9	13	15	14	10	7	7	10	120
Total snowfall, inches	0.1	0.2	( <sup>1</sup> )	0	0	0	0	0	0	0	0	( <sup>1</sup> )	0.3
Percentage of possible sunshine:													
Percentage of possible sunshine	49	51	57	63	65	64	57	58	65	68	60	45	58
Number of clear days	9	9	11	11	11	9	7	7	12	10	13	9	124
Hourly wind velocity, miles	8.7	9.1	9.1	8.7	7.9	7.1	6.8	6.7	7.6	8.0	8.2	8.6	8.0
<b>MAINE, PORTLAND</b>													
Temperature:													
Monthly mean	22.4	23.8	31.8	43.0	53.3	62.5	68.1	66.4	59.6	49.9	38.0	27.6	45.5
Daily mean maximum	30.5	31.4	39.7	50.4	61.4	70.8	76.3	74.2	67.6	57.3	45.4	34.3	53.3
Daily mean minimum	15.4	15.8	24.8	35.4	45.5	54.3	60.0	58.0	52.2	42.4	31.9	20.5	38.1
Highest on record	65	68	79	89	96	96	103	98	96	85	74	65	103
Lowest on record	-18	-18	-7	9	27	38	48	45	32	22	-6	-21	-21
Precipitation:													
Total, inches	3.97	4.00	3.86	3.38	3.40	3.28	3.24	3.14	3.10	3.14	3.46	3.97	41.94
Days with 0.01 inch or more	12	11	13	11	12	12	12	11	11	10	11	12	138
Total snowfall, inches	19.2	20.3	11.7	4.6	( <sup>1</sup> )	0	0	0	0	( <sup>1</sup> )	4.3	11.8	71.9
Percentage of possible sunshine:													
Percentage of possible sunshine	63	58	59	57	58	61	64	64	61	57	46	49	57
Number of clear days	12	11	13	11	12	12	12	11	11	10	11	12	138
Hourly wind velocity, miles	8.9	9.1	9.6	9.4	8.7	7.8	7.5	7.0	7.7	8.4	8.9	9.7	8.5
<b>MARYLAND, BALTIMORE</b>													
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	41.8	42.6	51.2	62.2	73.3	81.8	86.1	83.6	77.2	66.4	54.1	44.0	68.6
Daily mean minimum	28.0	28.2	35.2	44.9	55.4	64.4	69.3	67.4	61.0	49.5	39.3	30.8	47.8
Highest on record	79	83	88	94	98	105	107	105	101	92	82	73	107
Lowest on record	-6	-7	5	15	34	46	54	51	39	30	12	-3	-7
Precipitation:													
Total, inches	3.60	3.39	3.71	3.34	3.54	3.88	4.04	4.37	3.37	2.89	2.56	3.37	42.56
Days with 0.01 inch or more	11	10	12	11	11	11	11	11	9	8	9	11	125
Total snowfall, inches	6.2	6.8	4.8	0.8	( <sup>1</sup> )	0	0	0	0	( <sup>1</sup> )	0.7	3.9	23.2
Percentage of possible sunshine:													
Percentage of possible sunshine	48	56	58	59	61	64	65	63	64	64	55	49	59
Number of clear days	9	9	10	10	10	9	10	10	12	13	10	9	121
Hourly wind velocity, miles	7.8	8.2	8.7	8.6	7.8	7.5	7.2	6.9	7.1	7.4	7.6	7.7	7.7

<sup>1</sup> Trace.

## No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>MASSACHUSETTS, BOSTON</b>													
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	35.8	36.6	43.4	54.5	65.7	75.2	80.1	77.8	71.2	61.0	49.3	39.6	57.6
Daily mean minimum	20.0	21.0	27.8	38.3	48.6	57.8	63.3	62.0	55.2	45.5	34.8	25.4	41.6
Highest on record	70	68	83	89	97	100	104	98	102	90	78	69	104
Lowest on record	-13	-18	-8	11	31	42	50	47	34	25	-2	-17	-18
Precipitation:													
Total, inches	3.61	3.37	3.57	3.34	3.18	2.89	3.49	3.62	3.14	3.15	3.33	3.48	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	14.4	13.0	7.5	2.2	( <sup>1</sup> )	0	0	0	0	( <sup>1</sup> )	1.5	7.9	43.5
Percentage of possible sunshine													
Number of clear days	49	58	57	58	59	63	64	63	62	56	48	48	57
Hourly wind velocity, miles	11.2	11.5	11.7	10.9	10.0	9.5	9.1	8.7	9.3	10.0	10.8	11.0	10.3
<b>MICHIGAN, DETROIT</b>													
Temperature:													
Monthly mean	24.4	25.3	33.4	46.2	58.0	67.4	72.1	70.3	63.5	52.5	39.3	29.3	48.5
Daily mean maximum	31.5	32.1	41.6	54.8	67.2	76.7	81.9	79.4	72.5	60.1	45.7	35.0	56.5
Daily mean minimum	18.7	18.3	26.6	37.4	48.5	58.4	63.6	61.8	55.5	44.5	33.1	23.4	40.8
Highest on record	66	65	81	88	95	104	105	104	100	89	75	65	105
Lowest on record	-16	-20	-7	8	28	38	48	43	30	22	0	-24	-24
Precipitation:													
Total, inches	2.07	2.18	2.40	2.46	3.21	3.56	3.32	2.78	2.90	2.38	2.44	2.35	32.05
Days with 0.01 inch or more	14	12	13	11	12	11	9	9	10	10	12	14	137
Total snowfall, inches	10.7	10.2	7.5	1.6	0.2	0	0	0	0	0.1	2.8	9.0	41.9
Percentage of possible sunshine													
Number of clear days	35	42	48	51	58	65	68	65	61	53	36	28	52
Hourly wind velocity, miles	5	6	7	8	9	10	12	12	11	10	8	4	99
Hourly wind velocity, miles	12.0	11.9	11.8	11.5	10.3	9.6	9.2	9.0	9.7	10.5	11.8	11.9	10.8
<b>MINNESOTA, MINNEAPOLIS</b>													
Temperature:													
Monthly mean	12.7	15.9	26.6	46.4	57.7	67.5	72.3	69.9	61.4	48.9	32.4	19.6	44.5
Daily mean maximum	21.9	24.7	38.2	55.4	67.8	77.2	82.8	80.0	71.7	58.1	40.4	26.7	56.7
Daily mean minimum	5.1	8.0	21.7	36.6	48.1	58.3	63.3	60.6	52.7	40.7	25.6	12.1	33.1
Highest on record	52	64	83	91	106	104	108	103	104	90	77	66	108
Lowest on record	-34	-33	-17	6	22	36	44	42	26	10	-13	-27	-34
Precipitation:													
Total, inches	0.86	0.95	1.42	2.23	3.07	4.22	3.73	3.12	3.13	2.08	1.27	0.98	27.66
Days with 0.01 inch or more	8	7	8	10	11	11	9	9	9	7	7	8	106
Total snowfall, inches	9.6	7.9	8.2	3.7	0.3	0	0	0	( <sup>1</sup> )	0.5	4	7.5	42.0
Percentage of possible sunshine													
Number of clear days	49	53	66	57	61	65	73	69	58	50	40	39	56
Hourly wind velocity, miles	8	9	9	9	8	7	11	11	11	10	7	8	108
Hourly wind velocity, miles	11.4	11.7	12.5	12.7	11.9	10.5	9.9	9.8	11.1	11.7	11.6	11.2	11.3
<b>MISSISSIPPI, VICKSBURG</b>													
Temperature:													
Monthly mean	48.2	51.8	58.5	65.6	72.9	79.0	81.3	80.8	78.3	66.7	56.6	50.0	65.6
Daily mean maximum	57.1	60.3	67.6	74.9	81.8	88.3	90.1	89.9	86.0	76.5	63.3	58.5	74.8
Daily mean minimum	40.5	42.8	49.4	56.4	63.4	70.2	72.6	72.0	67.2	56.9	47.4	41.8	56.7
Highest on record	82	84	92	92	97	101	102	101	104	94	86	82	104
Lowest on record	3	-1	22	31	43	52	59	54	42	31	22	10	-1
Precipitation:													
Total, inches	5.37	4.82	5.57	5.19	4.82	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	9	11	9	7	6	8	10	108
Total snowfall, inches	0.8	0.4	( <sup>1</sup> )	0	0	0	0	0	0	0	( <sup>1</sup> )	0.3	1.5
Percentage of possible sunshine													
Number of clear days	46	51	58	65	71	74	70	72	75	71	61	44	63
Hourly wind velocity, miles	9	9	11	11	11	12	9	11	14	17	13	10	137
Hourly wind velocity, miles	8.1	8.4	8.7	8.1	7.1	6.5	6.2	6.0	6.4	6.7	7.4	7.9	7.3
<b>MISSOURI, ST. LOUIS</b>													
Temperature:													
Monthly mean	31.1	34.8	44.1	56.1	67.0	75.0	78.8	77.5	70.5	58.8	45.4	34.9	56.2
Daily mean maximum	38.7	43.0	52.0	65.1	75.0	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	98	96	104	110	108	103	91	83	75	110
Lowest on record	-22	-18	3	20	32	44	55	62	37	21	3	-16	-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	( <sup>1</sup> )	0.8	3.2	19.0
Percentage of possible sunshine													
Number of clear days	49	50	55	58	64	67	70	68	66	64	55	45	59
Hourly wind velocity, miles	11	9	10	11	11	10	10	18	14	14	15	11	139
Hourly wind velocity, miles	11.8	11.8	12.5	11.9	10.9	10.0	9.2	8.9	9.7	10.5	11.7	11.5	10.9

<sup>1</sup> Trace.

No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>MONTANA, HELENA</b>													
Temperature:													
Monthly mean.....	20.2	23.0	32.4	43.5	51.6	59.2	65.7	65.0	56.6	44.9	33.2	24.2	43.3
Daily mean maximum.....	28.7	32.2	41.8	54.1	62.6	71.4	80.8	79.3	67.5	55.5	41.4	32.5	54.0
Daily mean minimum.....	12.4	15.0	23.4	33.2	41.1	48.4	54.5	53.2	44.2	35.0	24.0	17.2	33.6
Highest on record.....	63	69	73	86	95	102	103	99	92	84	71	64	103
Lowest on record.....	-42	-41	-20	-10	22	31	36	29	6	-8	-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	8	11	12	8	6	9	7	7	8	100
Total snowfall, inches.....	10.4	8.4	9.6	5.8	2.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.9	4.2	6.7	8.9	57.0
Percentage of possible sunshine.....	44	53	58	60	58	63	76	73	63	56	48	42	85
Number of clear days.....	6	6	7	7	6	8	15	15	12	10	7	6	104
Hourly wind velocity, miles.....	7.4	7.6	8.4	8.7	8.7	8.4	8.1	7.8	7.9	7.7	7.4	7.3	8.0
<b>NEBRASKA, OMAHA</b>													
Temperature:													
Monthly mean.....	21.9	25.5	37.0	51.2	62.4	71.6	78.7	74.4	66.8	54.3	38.5	26.4	50.6
Daily mean maximum.....	30.7	35.0	47.1	61.6	72.2	81.7	87.2	84.8	76.7	64.6	48.2	35.4	60.5
Daily mean minimum.....	13.3	17.0	28.2	41.6	52.8	62.4	67.6	65.5	56.9	40.1	30.3	19.3	41.5
Highest on record.....	87	78	81	94	103	107	114	111	104	96	80	72	114
Lowest on record.....	-32	-26	-8	6	25	40	50	44	8	-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.....	7	6	7	10	12	11	9	9	8	7	5	6	97
Total snowfall, inches.....	6.4	6.2	5.7	0.7	( <sup>1</sup> )	0	0	0	0	0.4	2.2	5.0	26.9
Percentage of possible sunshine.....	56	60	59	60	64	70	77	70	66	64	56	51	63
Number of clear days.....	11	10	9	9	9	10	14	13	14	14	11	10	135
Hourly wind velocity, miles.....	9.4	9.9	10.4	10.4	9.5	8.5	7.7	7.6	8.3	8.8	9.3	9.1	9.1
<b>NEVADA, RENO</b>													
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.....	42.6	47.6	53.9	60.1	68.6	78.4	87.9	86.5	77.5	65.7	55.2	44.5	64.1
Daily mean minimum.....	20.9	24.8	29.2	34.2	40.7	47.1	53.2	51.9	44.5	35.9	28.1	22.5	36.1
Highest on record.....	67	76	79	88	98	100	106	103	96	89	80	69	106
Lowest on record.....	-19	-12	-3	14	16	28	35	35	24	16	5	-7	-19
Precipitation:													
Total, inches.....	1.54	1.18	0.81	0.47	0.63	0.29	0.25	0.22	0.26	0.36	0.64	0.98	7.63
Days with 0.01 inch or more.....	7	6	6	4	4	3	2	2	2	3	4	6	49
Total snowfall, inches.....	10.1	6.7	5.1	1.8	0.3	( <sup>1</sup> )	0	0	( <sup>1</sup> )	0.3	1.4	4.9	30.1
Percentage of possible sunshine.....	59	64	71	76	79	84	90	90	86	78	70	60	76
Number of clear days.....	12	11	12	14	16	20	25	24	22	20	15	12	203
Hourly wind velocity, miles.....	6.1	6.5	7.6	8.4	8.1	7.9	7.4	7.1	6.8	6.1	6.0	5.7	7.0
<b>NEW HAMPSHIRE, CONCORD</b>													
Temperature:													
Monthly mean.....	21.6	22.8	30.8	43.4	54.3	62.9	68.5	66.8	59.3	49.7	37.7	26.8	45.4
Daily mean maximum.....	31.8	33.5	41.1	55.7	68.7	78.8	81.7	78.2	70.9	60.0	46.4	34.6	56.6
Daily mean minimum.....	11.7	12.3	22.6	33.5	44.7	53.2	58.7	56.3	49.0	38.5	28.5	17.1	35.5
Highest on record.....	72	68	82	92	98	101	102	99	96	92	80	65	102
Lowest on record.....	-35	-34	-16	7	22	32	38	35	26	16	-17	-24	-35
Precipitation:													
Total, inches.....	3.00	2.89	3.03	2.78	3.01	3.19	3.56	3.54	3.46	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.....	17.8	18.1	11.9	4.8	( <sup>1</sup> )	0	0	0	0	0.1	5.3	12.4	70.5
Percentage of possible sunshine.....	49	55	59	64	64	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.....	6.6	6.9	7.4	7.6	6.6	5.9	5.4	5.1	5.2	6.0	6.5	6.3	6.3
<b>NEW JERSEY, ATLANTIC CITY</b>													
Temperature:													
Monthly mean.....	32.5	33.0	38.0	47.8	58.1	66.6	72.1	72.5	66.8	56.9	45.6	36.4	52.3
Daily mean maximum.....	40.6	40.1	46.1	64.7	64.6	73.5	78.6	78.0	73.5	63.8	52.9	43.6	59.2
Daily mean minimum.....	26.7	26.3	32.9	41.3	51.6	60.9	66.6	66.7	61.4	50.0	39.1	29.8	46.1
Highest on record.....	68	77	79	86	95	97	102	104	94	90	77	68	104
Lowest on record.....	-4	-9	8	15	33	45	52	48	37	29	10	-7	-9
Precipitation:													
Total, inches.....	3.49	3.36	3.60	2.99	3.05	3.04	3.93	4.49	2.65	3.20	2.82	3.94	40.56
Days with 0.01 inch or more.....	12	11	12	11	11	10	10	10	8	9	9	11	123
Total snowfall, inches.....	4.3	5.2	2.3	0.3	0	0	0	0	0	0	0	2.9	15.4
Percentage of possible sunshine.....	53	57	57	60	62	64	66	65	65	64	56	51	60
Number of clear days.....	9	9	10	10	10	10	10	11	12	13	11	10	124
Hourly wind velocity, miles.....	16.0	15.3	16.5	16.4	14.5	13.8	13.2	13.1	13.7	14.2	15.2	15.0	14.7

<sup>1</sup> Trace.

## No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
<b>NEW MEXICO, SANTA FE</b>													
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	30.5	43.5	51.1	59.0	68.1	78.2	80.2	79.2	73.0	62.2	49.9	40.7	60.4
Daily mean minimum	18.9	22.9	28.2	34.9	43.5	52.2	56.8	56.0	49.2	38.7	27.8	20.7	37.5
Highest on record	79	75	82	84	89	93	96	97	90	85	77	65	97
Lowest on record	-13	-11	-2	11	20	33	43	40	21	13	-11	-13	-13
Precipitation:													
Total, inches	0.67	0.75	0.80	1.00	1.26	1.08	2.38	2.28	1.45	1.18	0.68	0.74	14.27
Days with 0.01 inch or more	6	7	7	6	7	6	13	13	8	5	4	6	88
Total snowfall, inches	6.3	6.6	5.1	3.5	0.5	( <sup>1</sup> )	0	0	1.1	1.1	3.6	5.7	32.5
Percentage of possible sun- shine	72	71	71	75	75	80	69	71	77	80	77	71	74
Number of clear days	17	13	14	13	14	16	9	10	16	20	18	17	177
Hourly wind velocity, miles	6.9	7.2	8.0	8.2	8.1	7.3	6.3	5.9	6.1	6.5	6.8	6.8	7.0
<b>NEW YORK, BUFFALO</b>													
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	31.7	30.9	38.8	50.0	61.7	71.5	76.6	75.7	69.9	58.3	45.6	35.2	53.8
Daily mean minimum	19.0	17.2	25.0	34.9	46.2	57.3	63.1	61.6	55.4	44.7	33.8	24.0	40.2
Highest on record	70	68	79	84	94	97	96	95	95	92	73	66	97
Lowest on record	-14	-20	-4	5	25	30	46	44	35	24	2	-9	-20
Precipitation:													
Total, inches	3.30	2.95	2.57	2.56	3.10	2.82	3.03	3.08	2.92	3.29	3.02	3.36	36.00
Days with 0.01 inch or more	19	17	16	13	12	11	10	10	11	12	15	18	164
Total snowfall, inches	18.8	16.8	10.4	3.3	0.2	0	0	0	( <sup>1</sup> )	0.5	6.0	17.2	73.2
Percentage of possible sun- shine	30	41	48	52	59	66	68	65	60	48	32	24	52
Number of clear days	2	3	5	7	8	9	10	9	9	7	3	2	74
Hourly wind velocity, miles	17.8	16.6	15.9	14.6	13.1	12.3	12.0	11.7	12.8	14.3	16.8	17.3	14.6
<b>NEW YORK, NEW YORK</b>													
Temperature:													
Monthly mean	30.9	31.3	37.7	49.4	60.0	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	59.5
Daily mean minimum	24.5	24.2	30.2	41.6	52.0	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	102	102	100	88	74	68	102
Lowest on record	-6	-14	3	12	34	44	54	51	39	27	7	-13	-14
Precipitation:													
Total, inches	3.66	3.82	3.64	3.28	3.24	3.33	4.24	4.38	3.39	3.53	2.96	3.62	42.99
Days with 0.01 inch or more	12	10	12	11	11	10	10	10	9	9	9	11	126
Total snowfall, inches	7.8	10.0	6.1	1.1	( <sup>1</sup> )	0	0	0	( <sup>1</sup> )	0.8	6.1	3.2	32.0
Percentage of possible sun- shine	52	59	59	60	62	64	65	63	63	62	53	51	60
Number of clear days	8	8	9	8	9	8	8	9	10	11	9	8	105
Hourly wind velocity, miles	17.2	16.9	17.7	16.3	14.1	13.3	12.5	12.3	12.9	14.0	16.2	16.5	15.0
<b>NORTH CAROLINA, ASHEVILLE</b>													
Temperature:													
Monthly mean	35.4	38.5	44.9	53.9	62.6	68.7	71.7	70.5	65.0	55.3	45.1	37.8	54.1
Daily mean maximum	48.2	49.2	57.3	65.6	73.8	80.3	82.9	84.1	77.4	67.4	56.7	48.4	65.9
Daily mean minimum	29.6	29.8	36.8	43.5	51.8	59.2	62.8	63.9	56.9	44.8	35.7	30.0	45.4
Highest on record	77	80	87	89	91	98	99	96	95	85	76	78	99
Lowest on record	-5	-6	8	20	31	40	46	47	35	20	4	-4	-6
Precipitation:													
Total, inches	3.10	3.15	3.97	3.02	3.43	3.93	4.30	4.16	3.04	2.75	2.23	3.20	40.28
Days with 0.01 inch or more	13	10	12	11	12	13	15	14	10	7	8	10	135
Total snowfall, inches	2.3	2.7	2.0	0.3	0	0	0	0	0	0.2	0.4	2.0	10.4
Percentage of possible sun- shine	48	52	55	59	61	61	58	57	58	61	58	46	57
Number of clear days	10	10	11	11	10	8	7	7	10	15	14	11	124
Hourly wind velocity, miles	9.5	9.9	10.2	9.3	7.3	5.9	5.4	5.4	5.8	7.0	8.6	9.2	7.8
<b>NORTH DAKOTA, BISMARCK</b>													
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	35.3	54.6	66.5	75.7	82.9	81.1	70.9	57.1	38.6	25.0	52.3
Daily mean minimum	-2.4	1.3	14.9	31.6	42.7	52.8	57.9	55.1	45.2	33.2	18.2	5.5	20.7
Highest on record	60	65	81	90	102	107	114	105	105	91	74	64	114
Lowest on record	-45	-45	-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	116.34
Days with 0.01 inch or more	7	7	7	8	10	12	9	8	7	6	6	7	94
Total snowfall, inches	5.7	5.2	7.5	3.0	0.8	0	0	0	0.1	1.1	5.0	6.0	34.4
Percentage of possible sun- shine	52	59	55	58	58	62	72	63	62	58	50	48	59
Number of clear days	11	11	11	12	12	12	16	16	14	13	11	11	150
Hourly wind velocity, miles	9.0	9.4	10.4	11.3	10.8	10.1	9.1	9.0	9.6	9.7	9.3	8.9	9.7

<sup>1</sup> Trace.

## No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>OHIO, COLUMBUS</b>													
Temperature:													
Monthly mean	28.6	30.7	39.1	51.2	62.3	70.9	74.9	73.0	66.5	55.2	41.9	32.4	52.2
Daily mean maximum	36.9	38.4	48.4	60.6	71.9	80.8	85.2	82.6	76.9	64.5	50.0	30.3	61.3
Daily mean minimum	22.3	23.1	31.3	41.5	52.0	61.0	65.2	63.0	56.9	45.4	34.6	25.7	43.5
Highest on record	72	72	84	90	96	101	106	103	99	90	78	67	106
Lowest on record	-20	-20	0	15	31	39	49	42	32	20	-5	-12	-20
Precipitation:													
Total, inches	3.06	2.67	3.50	2.37	3.59	3.31	3.55	3.26	2.87	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	7.2	5.6	3.4	1.0	( <sup>1</sup> )	0	0	0	0	0.1	1.6	4.4	23.3
Percentage of possible sunshine	38	44	47	56	63	60	72	68	66	59	45	34	55
Number of clear days	6	6	7	9	9	10	12	12	12	12	7	5	107
Hourly wind velocity, miles	11.8	11.8	12.2	11.8	10.4	9.4	8.7	8.5	9.1	10.1	11.3	11.2	10.5
<b>OKLAHOMA, OKLAHOMA CITY</b>													
Temperature:													
Monthly mean	36.4	39.6	50.0	60.8	67.7	76.0	80.6	79.7	72.8	61.5	48.8	39.3	59.4
Daily mean maximum	47.3	50.9	61.6	70.8	77.6	87.0	91.7	92.0	84.8	73.2	60.0	48.9	70.5
Daily mean minimum	27.0	29.5	38.8	49.0	58.0	66.8	70.6	70.0	63.2	51.2	39.0	30.0	49.5
Highest on record	83	90	97	96	98	107	109	113	105	97	86	79	113
Lowest on record	-11	-17	4	20	33	46	55	49	35	16	9	-2	-17
Precipitation:													
Total, inches	1.19	1.11	1.98	3.29	48.8	3.67	2.86	2.89	3.05	2.86	1.87	1.50	31.15
Days with 0.01 inch or more	6	5	7	8	10	8	6	7	7	6	6	6	82
Total snowfall, inches	2.3	1.8	1.2	( <sup>1</sup> )	0	0	0	0	0	( <sup>1</sup> )	0.3	1.7	7.3
Percentage of possible sunshine	57	60	62	64	65	74	78	78	73	67	63	58	67
Number of clear days	13	11	12	12	10	14	16	17	16	17	15	13	166
Hourly wind velocity, miles	11.6	12.6	13.8	13.6	12.0	10.9	9.0	9.2	10.2	10.7	11.5	11.4	11.4
<b>OREGON, PORTLAND</b>													
Temperature:													
Monthly mean	30.4	42.1	46.9	51.8	56.9	62.4	66.7	66.7	61.7	54.2	46.8	41.2	53.1
Daily mean maximum	44.2	48.3	54.7	61.2	67.0	72.1	78.2	80.0	71.6	62.7	52.2	46.2	61.5
Daily mean minimum	34.2	30.3	39.9	43.2	48.1	52.9	56.4	56.3	52.3	47.1	40.7	36.3	45.4
Highest on record	65	68	88	93	99	101	105	102	97	88	75	65	105
Lowest on record	-2	7	20	28	32	39	43	43	35	29	11	3	-2
Precipitation:													
Total, inches	6.60	5.36	3.91	2.37	2.19	1.52	0.61	0.64	1.98	3.12	6.10	6.72	41.62
Days with 0.01 inch or more	20	17	17	15	13	10	3	4	8	12	17	19	155
Total snowfall, inches	6.0	3.4	0.6	( <sup>1</sup> )	( <sup>1</sup> )	0	0	0	0	( <sup>1</sup> )	0.5	3.3	13.8
Percentage of possible sunshine	26	33	40	49	52	56	71	67	54	43	28	23	45
Number of clear days	4	4	5	6	7	8	16	16	11	7	4	4	92
Hourly wind velocity, miles	7.4	7.5	7.4	7.1	6.9	6.8	6.8	6.4	6.4	6.1	7.0	7.5	6.9
<b>PENNSYLVANIA, PITTSBURGH</b>													
Temperature:													
Monthly mean	30.7	32.3	39.6	51.2	62.4	70.7	74.6	72.9	66.4	55.7	43.2	34.2	52.8
Daily mean maximum	38.8	39.6	48.8	60.5	72.1	80.1	84.2	82.1	76.4	64.3	50.6	40.8	61.5
Daily mean minimum	23.7	23.5	31.3	41.1	51.8	60.5	64.8	62.9	57.1	45.6	35.6	27.1	43.8
Highest on record	75	77	84	90	95	98	103	103	102	91	79	73	103
Lowest on record	-16	-20	1	11	27	39	49	45	35	20	1	-9	-20
Precipitation:													
Total, inches	3.05	2.62	3.03	2.92	3.21	3.81	4.05	3.23	2.58	2.52	2.20	2.86	36.17
Days with 0.01 inch or more	15	14	15	13	13	12	12	10	9	10	12	14	149
Total snowfall, inches	8.5	7.6	5.7	2.0	( <sup>1</sup> )	0	0	0	0	0.1	1.8	6.5	32.2
Percentage of possible sunshine	32	38	45	50	59	64	66	63	62	55	40	30	50
Number of clear days	4	4	6	7	9	8	9	10	10	10	4	4	87
Hourly wind velocity, miles	11.7	11.7	12.0	11.5	10.0	9.4	8.8	8.6	8.9	9.8	11.3	11.4	10.4
<b>RHODE ISLAND, PROVIDENCE</b>													
Temperature:													
Monthly mean	27.2	29.0	35.7	46.6	58.5	68.3	73.4	71.0	63.2	52.2	40.4	31.6	49.8
Daily mean maximum	37.4	36.1	45.5	55.8	67.2	75.8	81.1	79.1	72.4	62.3	50.2	39.4	58.5
Daily mean minimum	22.1	20.3	29.1	38.0	48.2	56.4	63.1	61.5	54.7	44.8	35.1	25.3	41.6
Highest on record	68	69	84	91	94	96	100	97	95	87	75	68	100
Lowest on record	-9	-17	4	11	32	41	50	46	33	27	9	-12	-17
Precipitation:													
Total, inches	3.70	3.64	3.49	3.21	2.96	2.68	3.27	3.50	3.18	3.12	3.06	3.38	39.10
Days with 0.01 inch or more	12	10	12	12	12	11	10	10	9	9	10	11	128
Total snowfall, inches	9.1	9.9	5.1	1.2	( <sup>1</sup> )	0	0	0	0	( <sup>1</sup> )	1.2	5.0	31.5
Percentage of possible sunshine	50	56	59	59	61	64	64	62	60	61	52	50	58
Number of clear days	10	11	12	10	11	11	11	12	12	14	11	11	136
Hourly wind velocity, miles	12.7	12.8	13.3	12.8	11.5	10.6	9.7	9.5	10.2	11.3	11.9	12.4	11.6

<sup>1</sup> Trace.

No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
<b>SOUTH CAROLINA, CHARLESTON</b>													
<b>Temperature:</b>													
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.....	58.3	59.7	65.6	72.1	79.7	85.5	88.0	87.2	83.1	74.7	65.9	59.2	73.2
Daily mean minimum.....	43.2	44.5	50.1	57.1	65.8	72.4	75.1	74.6	70.9	60.8	50.7	44.2	59.1
Highest on record.....	82	82	94	98	99	101	104	102	100	95	83	81	104
Lowest on record.....	10	7	24	32	45	49	61	62	49	37	23	12	7
<b>Precipitation:</b>													
Total, inches.....	3.02	2.98	3.02	2.53	3.00	4.59	6.89	6.53	4.53	3.27	2.14	2.72	45.22
Days with 0.01 inch or more.....	10	9	9	7	8	11	13	13	10	7	7	9	113
Total snowfall, inches.....	(1)	0.1	(1)	0	0	0	0	0	0	0	0	0.1	0.2
<b>Percentage of possible sun- shine</b>													
Number of clear days.....	10	10	12	13	12	8	7	8	10	14	13	11	128
Hourly wind velocity, miles.....	10.5	11.1	11.5	11.4	10.8	10.2	9.6	9.2	10.3	10.9	10.1	10.3	10.5
<b>SOUTH DAKOTA, HURON</b>													
<b>Temperature:</b>													
Monthly mean.....	11.3	14.3	28.9	45.1	50.4	66.2	71.8	69.4	61.3	47.7	31.5	18.7	43.6
Daily mean maximum.....	22.7	26.2	40.6	57.9	68.9	78.8	85.3	83.4	74.5	60.9	42.5	29.1	55.9
Daily mean minimum.....	1.7	5.2	19.7	34.1	44.8	55.4	60.8	57.9	48.3	35.0	20.8	0.1	32.7
Highest on record.....	64	70	85	94	106	109	111	110	106	94	79	71	111
Lowest on record.....	-43	-37	-25	5	20	31	41	33	18	-6	-28	-34	-43
<b>Precipitation:</b>													
Total, inches.....	0.56	0.54	0.91	2.24	2.98	3.79	3.16	2.46	1.57	1.28	0.59	0.57	20.65
Days with 0.01 inch or more.....	7	6	8	9	11	11	9	9	7	6	5	7	95
Total snowfall, inches.....	6.0	5.0	5.8	2.3	0.1	0	0	0	(1)	0.6	3.3	5.2	28.2
<b>Percentage of possible sun- shine</b>													
Number of clear days.....	11	10	10	10	11	11	14	15	13	13	11	10	140
Hourly wind velocity, miles.....	10.6	10.8	11.7	12.7	11.8	10.6	9.6	9.1	10.7	10.8	10.4	10.0	10.8
<b>TENNESSEE, NASHVILLE</b>													
<b>Temperature:</b>													
Monthly mean.....	38.6	41.6	49.2	59.0	68.2	75.6	79.1	77.8	71.8	61.0	49.0	41.0	59.3
Daily mean maximum.....	47.6	50.2	59.0	69.0	78.0	85.7	88.7	87.7	82.2	71.4	58.3	49.2	68.9
Daily mean minimum.....	31.2	32.9	40.4	49.6	58.4	66.6	70.1	68.7	62.2	50.3	38.9	33.2	50.3
Highest on record.....	78	79	89	90	96	101	106	105	104	92	81	75	106
Lowest on record.....	-10	-13	3	25	36	42	54	51	38	26	8	-2	-13
<b>Precipitation:</b>													
Total, inches.....	4.70	4.13	5.11	4.13	3.37	4.00	3.88	3.71	3.42	2.49	3.60	4.20	47.20
Days with 0.01 inch or more.....	12	11	12	11	10	11	11	9	8	7	9	11	122
Total snowfall, inches.....	2.4	2.7	1.3	(1)	(1)	0	0	0	0	(1)	0.3	1.4	8.1
<b>Percentage of possible sun- shine</b>													
Number of clear days.....	43	48	54	60	66	69	70	69	68	65	55	43	59
Hourly wind velocity, miles.....	10.2	10.5	11.1	10.6	9.0	8.0	7.5	7.2	7.7	8.4	9.5	9.7	9.1
<b>TEXAS, FORT WORTH</b>													
<b>Temperature:</b>													
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.....	56.9	59.4	68.5	75.3	81.9	90.6	93.8	94.3	87.8	78.2	66.8	53.9	75.6
Daily mean minimum.....	36.4	38.1	46.5	54.4	62.5	70.6	73.8	73.9	67.8	56.8	46.4	37.4	55.4
Highest on record.....	93	96	100	100	107	107	109	112	104	99	87	84	112
Lowest on record.....	-1	-8	15	30	34	48	56	55	40	24	20	7	-8
<b>Precipitation:</b>													
Total, inches.....	2.05	1.76	2.32	4.02	4.65	3.35	2.61	2.62	2.49	2.81	2.59	1.87	33.13
Days with 0.01 inch or more.....	6	7	7	7	9	6	5	5	6	6	9	6	75
Total snowfall, inches.....	0.8	0.6	0.3	(1)	0	0	0	0	0	(1)	0.1	0.6	2.4
<b>Percentage of possible sun- shine</b>													
Number of clear days.....	12	11	13	11	11	13	15	15	16	16	14	13	160
Hourly wind velocity, miles.....	10.3	10.7	11.6	11.5	10.7	10.4	9.5	9.2	9.1	9.3	9.8	9.8	10.2
<b>TEXAS, GALVESTON</b>													
<b>Temperature:</b>													
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.....	59.6	61.9	67.4	73.6	80.0	85.8	87.8	87.9	84.8	77.8	68.0	61.8	74.8
Daily mean minimum.....	48.6	51.0	57.3	64.3	71.0	76.9	78.6	78.6	75.4	67.9	58.0	51.0	64.9
Highest on record.....	70	83	85	86	93	99	101	100	99	94	85	80	101
Lowest on record.....	11	8	30	38	52	57	66	67	54	41	20	18	8
<b>Precipitation:</b>													
Total, inches.....	3.41	2.83	2.68	3.06	3.42	4.37	3.71	4.28	5.57	4.36	3.33	3.75	44.77
Days with 0.01 inch or more.....	10	9	8	7	6	7	9	9	9	7	8	10	99
Total snowfall, inches.....	(1)	0.3	(1)	0	0	0	0	0	0	0	0	(1)	0.3
<b>Percentage of possible sun- shine</b>													
Number of clear days.....	10	9	10	11	12	15	14	14	15	18	13	10	151
Hourly wind velocity, miles.....	11.2	11.4	11.5	11.8	11.2	10.3	9.5	9.1	9.9	10.2	10.8	11.1	10.7

1 Trace.



## No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>TEXAS, SAN ANTONIO</b>													
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	68.0
Daily mean maximum	62.9	66.2	73.3	79.7	85.0	91.3	94.0	94.6	89.3	81.5	71.0	63.5	79.4
Daily mean minimum	42.9	45.3	51.9	58.9	65.3	71.2	73.2	69.3	63.3	60.2	51.3	44.5	58.9
Highest on record	87	91	97	100	103	106	106	107	103	98	89	86	107
Lowest on record	6	4	21	35	44	48	60	57	46	32	22	15	4
Precipitation:													
Total, inches	1.46	1.65	1.84	3.19	3.20	2.46	2.17	2.42	3.05	2.23	1.90	1.61	27.18
Days with 0.01 inch or more	8	7	7	7	8	7	6	7	6	7	7	8	83
Total snowfall, inches	0.2	0.1	( <sup>1</sup> )	0	0	0	0	0	0	0	( <sup>1</sup> )	0.2	0.5
Percentage of possible sunshine	50	52	57	58	61	70	73	76	68	66	53	48	61
Number of clear days	11	10	11	9	9	12	14	14	12	15	11	12	139
Hourly wind velocity, miles	8.1	8.7	9.3	9.0	8.5	8.1	7.6	7.1	7.2	7.3	7.8	7.8	8.1
<b>UTAH, SALT LAKE CITY</b>													
Temperature:													
Monthly mean	29.2	33.8	41.7	49.6	57.4	67.4	75.7	74.5	64.4	52.5	41.1	31.9	51.6
Daily mean maximum	36.5	41.4	50.6	59.9	68.9	79.8	88.7	86.8	76.5	63.2	49.5	38.9	61.7
Daily mean minimum	21.8	26.3	32.8	40.0	47.4	56.0	64.2	62.8	53.0	42.4	32.3	24.9	42.0
Highest on record	62	68	77	85	93	102	105	101	97	88	74	62	105
Lowest on record	-20	-13	0	18	25	32	43	42	29	22	-2	-10	-20
Precipitation:													
Total, inches	1.31	1.51	1.98	2.05	1.92	0.80	0.51	0.85	0.98	1.44	1.35	1.43	16.13
Days with 0.01 inch or more	10	10	10	9	8	5	4	6	5	6	7	10	80
Total snowfall, inches	11.9	10.6	10.1	3.4	0.3	( <sup>1</sup> )	0	0	( <sup>1</sup> )	0	5.5	11.3	53.9
Percentage of possible sunshine	46	49	57	64	69	78	79	77	77	69	58	46	64
Number of clear days	8	7	10	10	12	17	18	17	18	10	12	8	153
Hourly wind velocity, miles	6.7	7.7	8.1	8.6	8.6	8.5	8.1	7.9	8.0	7.4	6.6	6.3	7.7
<b>VERMONT, NORTHFIELD</b>													
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	26.8	26.4	37.0	49.8	64.3	69.0	77.7	74.9	67.9	55.9	41.7	29.6	51.7
Daily mean minimum	5.1	5.4	16.8	29.3	40.2	48.9	53.7	50.4	44.3	34.4	24.5	11.0	30.4
Highest on record	63	61	75	85	93	98	98	95	92	85	72	65	98
Lowest on record	-33	-35	-22	-1	18	28	34	31	20	9	-14	-41	-41
Precipitation:													
Total, inches	2.35	2.25	2.50	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	12	13	13	152
Total snowfall, inches	18.4	18.2	14.2	6.4	( <sup>1</sup> )	0	0	0	0	0.9	8.2	14.5	82.6
Percentage of possible sunshine	38	48	51	49	53	58	59	57	50	43	30	31	48
Number of clear days	5	6	7	6	6	5	5	6	7	6	3	4	66
Hourly wind velocity, miles	7.8	8.0	8.1	8.2	7.7	6.9	6.6	6.3	6.2	7.9	7.9	7.4	7.3
<b>VIRGINIA, RICHMOND</b>													
Temperature:													
Monthly mean	37.9	39.6	47.2	56.6	66.5	74.1	78.5	76.5	70.5	59.6	48.3	39.8	57.9
Daily mean maximum	48.0	48.5	58.4	67.1	77.0	83.7	87.7	85.7	80.5	70.3	58.7	48.6	67.8
Daily mean minimum	30.2	29.8	37.8	45.6	55.5	63.8	68.4	67.1	61.2	49.2	38.9	31.3	48.2
Highest on record	78	82	94	96	96	104	105	107	101	94	82	77	107
Lowest on record	-1	-3	14	19	35	43	52	49	41	28	14	-2	-3
Precipitation:													
Total, inches	3.21	3.17	3.68	3.40	3.79	3.90	4.73	4.42	3.25	2.88	2.21	3.29	2.02
Days with 0.01 inch or more	11	10	11	10	12	11	11	11	10	7	7	10	121
Total snowfall, inches	3.3	3.8	2.1	0.4	0	0	0	0	0	0	0.5	2.8	12.9
Percentage of possible sunshine	48	55	59	62	67	66	66	66	64	65	59	49	60
Number of clear days	10	10	11	12	12	11	10	10	12	15	13	11	137
Hourly wind velocity, miles	8.2	8.1	9.1	8.7	7.3	6.6	6.4	6.1	6.2	6.8	7.4	7.5	7.4

<sup>1</sup>Trace.

## No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>WASHINGTON, SEATTLE</b>													
Temperature:													
Monthly mean	39.5	41.1	44.0	49.4	54.5	59.0	63.1	63.1	58.1	51.4	45.6	41.7	51.0
Daily mean maximum	44.4	47.3	51.7	57.7	63.2	68.3	73.2	72.8	66.6	58.6	50.9	46.3	53.4
Daily mean minimum	35.7	36.6	39.0	42.3	47.1	51.7	54.8	55.0	51.0	48.7	41.3	37.8	45.0
Highest on record	67	70	81	85	92	98	95	92	82	82	68	66	98
Lowest on record	3	4	20	30	36	40	46	46	32	20	15	12	3
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	16	16	16	13	12	9	4	5	9	13	17	18	151
Total snowfall, inches	5.1	3.0	0.9	0.2	( <sup>1</sup> )	0	0	0	0	( <sup>1</sup> )	0.0	1.7	12.7
Percentage of possible sunshine	24	35	43	51	53	55	65	60	50	35	23	21	40
Number of clear days	3	6	5	6	6	8	14	13	9	5	3	3	79
Hourly wind velocity, miles	10.6	9.4	10.1	9.1	9.0	8.5	7.9	7.2	7.6	8.1	9.0	11.1	9.0
<b>WEST VIRGINIA, PARKERSBURG</b>													
Temperature:													
Monthly mean	32.5	34.2	42.8	53.4	63.8	71.4	75.4	73.0	67.3	56.1	43.8	35.2	54.2
Daily mean maximum	41.7	42.0	52.7	63.6	74.3	82.2	85.8	84.0	79.1	66.0	53.1	43.1	64.0
Daily mean minimum	25.4	25.2	33.0	42.6	52.3	61.2	64.0	63.5	57.2	45.0	35.4	27.7	44.5
Highest on record	74	77	89	93	99	99	104	106	98	91	82	72	100
Lowest on record	-10	-27	4	15	31	41	48	45	33	20	4	-10	-27
Precipitation:													
Total, inches	3.58	3.13	3.49	3.10	3.38	4.00	4.29	3.51	2.76	2.48	2.57	3.03	30.41
Days with 0.01 inch or more	15	13	14	13	12	13	12	10	9	9	11	13	144
Total snowfall, inches	6.7	6.7	4.6	0.9	( <sup>1</sup> )	0	0	0	0	0.1	1.2	4.7	24.9
Percentage of possible sunshine	29	36	41	48	56	59	63	58	59	51	35	28	47
Number of clear days	7	6	8	10	12	11	13	13	14	13	7	6	120
Hourly wind velocity, miles	7.4	7.8	8.0	7.5	6.1	5.5	5.2	5.0	5.1	5.7	6.8	6.0	6.4
<b>WISCONSIN, GREEN BAY</b>													
Temperature:													
Monthly mean	15.7	17.4	28.6	43.2	54.0	64.0	70.0	67.7	60.4	48.5	34.0	22.3	44.0
Daily mean maximum	23.0	25.4	36.8	51.7	64.7	75.2	80.6	77.5	70.1	58.7	41.2	28.9	52.7
Daily mean minimum	8.6	9.4	21.2	34.3	45.3	55.0	60.5	58.3	51.7	40.2	27.9	15.9	35.8
Highest on record	51	60	82	85	99	101	104	98	97	84	74	65	104
Lowest on record	-36	-33	-23	11	22	34	43	38	25	8	-12	-21	-36
Precipitation:													
Total, inches	1.54	1.59	2.04	2.65	3.52	3.70	3.46	3.18	3.52	2.54	2.16	1.71	31.68
Days with 0.01 inch or more	10	9	10	11	12	11	10	9	10	9	9	10	120
Total snowfall, inches	12.2	11.3	9.4	3.2	0.2	0	0	0	0	0.8	4.5	9.2	50.8
Percentage of possible sunshine	45	52	55	57	60	66	71	66	50	51	40	40	55
Number of clear days	7	7	7	7	7	7	8	8	8	7	5	6	84
Hourly wind velocity, miles	10.4	10.7	11.1	11.3	10.7	9.4	8.8	8.7	9.6	10.3	10.9	10.5	10.2
<b>WYOMING, LANDER</b>													
Temperature:													
Monthly mean	18.3	22.5	32.4	42.4	51.2	60.5	67.4	65.5	55.7	43.5	30.3	20.4	42.5
Daily mean maximum	32.1	35.7	44.0	54.9	64.8	76.1	84.2	82.4	71.8	58.7	44.4	32.2	56.9
Daily mean minimum	5.5	9.3	19.4	29.3	38.4	46.1	52.0	49.8	40.6	29.9	17.8	6.8	28.7
Highest on record	64	68	71	82	89	96	102	96	90	83	72	65	102
Lowest on record	-39	-40	-24	-11	13	26	32	23	7	-14	-31	-40	-40
Precipitation:													
Total, inches	0.50	0.63	1.19	2.05	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	5	4	5	3	4	4	66
Total snowfall, inches	4.8	8.3	11.8	13.9	4.6	0.5	0	0	1.0	8.2	6.9	7.5	83.4
Percentage of possible sunshine	65	69	70	65	65	74	74	75	71	65	59	61	68
Number of clear days	12	11	10	9	9	12	13	14	15	14	11	13	143
Hourly wind velocity, miles	4.0	4.0	5.2	5.6	5.6	5.2	4.7	4.6	4.7	4.1	3.9	3.6	4.5

<sup>1</sup> Trace.<sup>1</sup> Adjusted to elevation of 349 feet, 3-year record.

## No. 148.—CLIMATIC CONDITIONS, ETC.—Continued

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>ALASKA, JUNEAU</b>													
Temperature:													
Monthly mean.....	27.6	30.0	33.7	40.6	47.7	54.2	59.8	55.4	50.3	43.3	35.6	30.6	42.2
Daily mean maximum.....	31.5	34.6	38.9	47.0	55.3	62.5	63.7	61.8	56.3	48.1	40.1	34.4	47.8
Daily mean minimum.....	24.2	25.5	29.0	34.3	40.1	46.1	49.9	49.4	44.4	38.7	31.4	26.6	36.6
Highest on record.....	54	57	61	69	80	87	89	87	77	66	64	60	89
Lowest on record.....	-15	-15	-5	13	24	33	38	36	29	13	-1	-10	-15
Precipitation:													
Total, inches.....	7.27	5.60	5.47	5.44	5.32	3.92	5.05	7.31	10.31	11.16	9.02	7.52	83.39
Days with 0.01 inch or more.....	18	15	17	18	18	17	17	18	20	23	20	20	219
Total snowfall, inches.....	28.8	24.6	14.0	14.8	0.1	0	0	0	0.1	1.5	0.4	26.0	109.3
Percentage of possible sunshine.....	24	30	37	37	37	39	29	29	27	18	22	24	29
Number of clear days.....	5	5	6	5	6	6	5	6	5	3	5	6	62
Hourly wind velocity, miles.....	7.4	7.7	7.2	6.4	6.1	5.6	5.2	4.8	5.8	7.2	7.8	8.0	6.6
<b>HAWAII, HONOLULU</b>													
Temperature:													
Monthly mean.....	70.9	70.8	71.4	73.0	74.8	76.6	77.7	78.4	78.2	76.8	74.5	72.4	74.6
Daily mean maximum.....	76.3	76.5	76.7	78.1	80.1	81.7	82.7	83.5	83.3	82.0	79.7	77.7	79.8
Daily mean minimum.....	65.8	65.8	66.3	68.0	68.7	71.5	72.7	73.3	73.0	71.8	69.6	67.6	69.6
Highest on record.....	84	84	84	86	87	88	88	88	88	90	86	85	90
Lowest on record.....	54	52	53	59	60	63	63	63	65	63	59	55	52
Precipitation:													
Total, inches.....	3.54	3.72	3.18	2.06	1.43	0.83	1.04	1.20	1.40	1.97	3.30	4.07	27.74
Days with 0.01 inch or more.....	14	10	13	12	11	11	13	13	13	13	14	15	152
Total snowfall, inches.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine.....	59	65	59	60	63	64	66	69	68	67	60	58	63
Number of clear days.....	10	9	8	9	10	11	11	10	11	10	9	10	118
Hourly wind velocity, miles.....	10.0	9.4	9.8	10.5	9.8	9.8	10.1	9.9	9.3	9.1	9.5	9.7	9.7
<b>PUERTO RICO, SAN JUAN</b>													
Temperature:													
Monthly mean.....	75.0	74.9	75.4	76.0	78.6	79.7	80.1	80.5	80.5	79.8	78.4	76.3	78.0
Daily mean maximum.....	80.0	80.2	80.9	82.1	84.2	84.0	84.0	85.4	85.8	85.4	83.5	81.3	83.2
Daily mean minimum.....	69.8	69.4	70.0	71.4	73.4	74.6	75.2	75.5	75.1	74.3	73.1	71.3	72.8
Highest on record.....	88	90	91	93	94	93	91	93	94	94	93	88	94
Lowest on record.....	63	62	62	65	66	66	70	68	69	68	66	62	62
Precipitation:													
Total, inches.....	4.15	2.76	3.15	4.36	5.24	5.30	5.94	5.98	5.91	5.86	6.77	5.50	60.92
Days with 0.01 inch or more.....	21	15	15	13	16	17	19	20	18	18	19	21	212
Total snowfall, inches.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Percentage of possible sunshine.....	64	69	69	65	59	61	64	67	62	64	63	64	64
Number of clear days.....	11	11	12	10	7	7	8	10	6	9	9	9	109
Hourly wind velocity, miles.....	12.6	11.4	12.0	11.9	11.0	11.8	12.9	12.0	9.8	8.7	9.9	11.6	11.3

Source: Weather Bureau, formerly in Department of Agriculture, now in Department of Commerce; records of the Division of Climate and Crop Weather.

# 8. MILITARY AND CIVIL SERVICES, ELECTIONS, AND CONGRESSIONAL REPRESENTATION

## No. 149.—ARMY OF THE UNITED STATES—STRENGTH OF COMPONENT PARTS: 1890 TO 1939

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 <sup>1</sup>			NATIONAL GUARD <sup>2</sup>			RESERVE FORCES		
		Total	Officers	Enlisted men	Total	Officers	Enlisted men	Total	Officers	Enlisted men
1890	136,624	27,089	2,108	24,921	109,635	8,555	100,980			
1895	140,051	27,172	2,154	25,018	112,879	9,227	103,052			
1900	223,366	68,155	2,486	65,669	122,213	8,246	113,967	\$ 32,998	\$ 1,531	\$ 31,467
1901	200,696	81,536	2,940	78,546	115,749	8,751	106,998	\$ 3,351	\$ 350	\$ 3,011
1902	186,805	75,584	3,731	71,853	110,221	( <sup>3</sup> )	( <sup>4</sup> )			
1905	178,269	66,956	3,934	63,022	111,313	8,080	102,633			
1908	187,369	76,428	3,966	72,462	110,941	8,583	102,358			
1909	203,385	84,459	4,208	80,251	118,926	8,975	109,951			
1910	200,378	80,718	4,430	76,279	119,660	9,155	110,505			
1912	213,313	91,461	4,650	86,811	121,852	9,142	112,710			
1914	225,819	97,700	4,883	92,877	128,043	8,762	119,251	\$ 16		\$ 16
1915	235,410	105,998	4,798	101,195	120,808	8,705	120,693	\$ 19		\$ 19
1916	244,483	107,641	5,025	102,616	132,194	8,589	123,605	\$ 4,648		\$ 4,648
1917	629,853	250,357	6,332	244,025	314,581	7 11,000	303,681	04,925	\$ 21,543	\$ 43,382
1918	2,246,103	741,084	10,518	730,566	445,678	12,000	433,678	1,056,341	11 135,380	11 923,961
1918 (Nov. 11)	3,673,888	1,363,888	18,434	1,345,454						
1919	981,422	336,832	13 78,003	758,879	37,210	1,198	36,012	57,380	\$ 45,573	\$ 11,757
1920	363,540	200,367	13 15,519	184,848	56,090	2,073	54,017	107,608	\$ 63,232	\$ 38,851
1921	407,920	227,374	13 14,124	213,250	113,640	5,843	107,797	66,906	\$ 66,906	14 1
1922	373,697	146,069	13 14,075	131,994	159,658	3,744	155,914	67,870	\$ 67,870	14 480
1923	370,042	130,904	13 12,682	118,282	160,598	9,675	150,923	75,480	\$ 76,923	14 1,567
1924	397,794	140,644	13 12,501	128,143	177,428	10,998	166,432	79,722	\$ 76,322	14 3,400
1925	406,162	134,624	13 12,909	121,715	177,525	11,595	165,930	94,013	\$ 88,898	14 5,116
1926	410,902	133,033	13 13,105	119,928	174,960	11,435	163,524	102,900	97,125	14 5,775
1927	421,519	133,079	13 13,175	119,904	181,142	12,192	168,950	107,298	\$ 101,563	14 5,785
1928	426,075	134,331	13 13,174	121,157	181,221	12,428	168,793	110,523	\$ 109,455	14 5,464
1929	421,406	137,360	13 13,168	124,192	170,988	12,535	158,453	107,118	\$ 101,926	14 5,192
1930	426,825	137,472	13 13,195	124,277	182,715	12,930	169,785	106,638	\$ 101,917	14 4,721
1931	439,081	138,648	13 13,205	125,443	187,386	13,249	174,137	113,047	\$ 108,210	14 4,837
1932	440,162	133,042	13 13,153	119,889	187,412	13,549	173,863	110,708	\$ 114,830	14 4,872
1933	445,449	135,011	13 13,223	121,788	185,925	13,569	172,356	124,513	\$ 119,485	14 5,028
1934	440,764	136,970	13 13,147	123,823	184,791	13,607	171,284	119,008	\$ 114,357	14 4,646
1935	440,788	137,960	13 13,262	128,098	185,916	13,571	172,344	116,913	\$ 112,590	14 4,323
1936	474,353	166,114	13 12,902	153,212	189,173	13,721	175,452	119,060	\$ 115,169	14 3,897
1937	484,260	178,101	13 13,108	164,993	192,161	14,110	178,051	114,358	\$ 111,169	14 3,189
1938	496,810	183,447	13 13,296	170,151	197,188	14,443	182,745	116,175	\$ 113,177	14 2,998
1939	507,150	187,866	13 13,807	174,079	199,491	14,666	184,825	119,773	\$ 116,719	14 3,054

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

<sup>2</sup> State militia prior to act of June 3, 1916.  
<sup>3</sup> U. S. Volunteers.  
<sup>4</sup> Figures on officers and enlisted men not available.

<sup>5</sup> Regular Army Reserve. The Regular Army Reserve was abolished by act of June 4, 1920.  
<sup>6</sup> Includes National Guard personnel in Federal service.  
<sup>7</sup> Estimate.

<sup>8</sup> Officers' Reserve Corps. Beginning with 1924, figures do not include individuals who hold commissions also in the National Guard.  
<sup>9</sup> Includes Regular Army Reserve, 8,382; Enlisted Reserve Corps, 35,000 (estimate).  
<sup>10</sup> Includes Officers' Reserve Corps, 80,262; National Army, 49,118 (estimate).

<sup>11</sup> 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.

<sup>12</sup> Estimates only. Under orders of the Secretary of War all components had been merged into 1 Army known as "The United States Army."

<sup>13</sup> 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, 1,023; 1926, 1,325; 1927, 1,262; 1928, 1,208; 1929, 1,138; 1930, 1,089; 1931, 1,028; 1932, 973; 1933, 926; 1934, 869; 1935, 825; 1936, 784; 1937, 794; 1938, 782; 1939, 775.

<sup>14</sup> Enlisted Reserve Corps.  
<sup>15</sup> Beginning with 1924, figures for commissioned officers include warrant officers in the following numbers: 1924, 87; 1925, 160; 1926, 162; 1927, 182; 1928, 184; 1929, 188; 1930, 198; 1931, 198; 1932, 204; 1933, 205; 1934, 198; 1935, 201; 1936, 198; 1937, 204; 1938, 207; 1939, 211.

Source: War Department, Annual Report of Secretary and records.

No. 150.—NATIONAL GUARD—ORGANIZED STRENGTH, BY STATES: JUNE 30, 1939

STATE	Officers <sup>1</sup>	En-listed men	STATE	Officers <sup>1</sup>	En-listed men	STATE OR TERRITORY	Officers <sup>1</sup>	En-listed men
Total	14,686	184,825	Louisiana	153	2,069	Oklahoma	410	4,915
Alabama	227	2,643	Maine	188	2,393	Oregon	255	3,329
Arizona	54	1,046	Maryland	262	3,240	Pennsylvania	872	11,176
Arkansas	204	2,522	Massachusetts	707	9,462	Rhode Island	173	1,929
California	533	7,076	Michigan	387	4,917	South Carolina	184	2,274
Colorado	173	1,861	Minnesota	377	4,778	South Dakota	114	1,326
Connecticut	336	4,075	Mississippi	173	2,092	Tennessee	216	2,395
Delaware	66	831	Missouri	326	4,173	Texas	712	8,463
Dist. of Col.	110	1,584	Montana	84	1,200	Utah	149	1,608
Florida	185	2,388	Nebraska	131	1,685	Vermont	93	1,232
Georgia	261	3,232	Nevada	21	270	Virginia	272	3,637
Idaho	122	1,398	New Hampshire	103	1,357	Washington	203	2,855
Illinois	729	9,651	New Jersey	460	5,501	West Virginia	131	1,822
Indiana	374	4,514	New Mexico	79	935	Wisconsin	384	4,672
Iowa	296	3,713	New York	1,433	10,404	Wyoming	62	706
Kansas	257	3,024	North Carolina	273	3,223	Hawaii	110	1,784
Kentucky	224	2,713	North Dakota	95	1,236	Puerto Rico	102	1,470
			Ohio	721	8,766			

<sup>1</sup> Includes 211 warrant officers.

No. 151.—NAVY, MARINE CORPS, NAVAL RESERVE, AND MARINE CORPS RESERVE—ORGANIZED STRENGTH: 1905 TO 1939

JUNE 30—	NAVY		NAVAL RESERVE <sup>1</sup>		MARINE CORPS		MARINE CORPS RESERVE	
	Officers	Enlisted men	Officers	Enlisted men	Officers	Enlisted men	Officers	Enlisted men
1905	2,252	30,804	405	4,475	273	6,932		
1910	2,921	45,076	540	5,961	354	9,152		
1915	3,780	52,551	606	7,706	344	9,908		
1920	9,171	107,601	* 28,482	* 1,349	1,106	16,061	504	4,750
1922	7,831	88,580	* 5,340	* 13,400	1,142	20,098	440	1,110
1923	7,878	82,355	4,222	16,098	1,140	18,533	130	443
1924	8,126	87,327	3,976	21,015	1,167	19,176	137	501
1925	8,359	84,289	3,518	24,457	1,168	18,310	150	483
1926	8,674	82,161	3,730	25,654	1,178	17,958	250	2,647
1927	8,904	83,566	3,771	26,295	1,200	18,060	378	5,685
1928	8,556	84,276	4,091	27,072	1,198	17,822	413	3,306
1929	8,505	85,284	5,078	28,821	1,182	17,615	445	9,119
1930	8,085	84,872	7,002	31,777	1,212	18,172	488	10,265
1931	9,250	80,803	7,549	34,580	1,194	17,580	530	9,425
1932	9,423	81,093	7,869	34,802	1,196	16,355	557	8,437
1933	9,449	79,206	7,978	32,880	1,192	14,876	642	3,742
1934	9,582	80,312	8,557	32,309	1,187	15,174	645	7,676
1935	9,721	82,818	9,571	32,649	1,193	16,097	639	8,378
1936	9,735	95,054	* 11,187	33,629	1,208	16,040	* 715	9,737
1937	9,826	100,161	* 12,287	37,138	1,312	16,911	* 848	11,796
1938	10,172	104,848	* 13,395	40,012	1,358	16,997	* 923	13,944
1939	10,597	110,187	* 14,013	41,985	1,331	18,013	* 1,061	14,964

<sup>1</sup> Naval Militia prior to 1917. <sup>2</sup> Enrolled. <sup>3</sup> Approximate.  
<sup>4</sup> Includes Aviation Cadets: 1936, 359; 1937, 554; 1938, 812; 1939, 1,032.  
<sup>5</sup> Includes Aviation Cadets: 1936, 25; 1937, 50; 1938, 63; 1939, 83.

No. 152.—VESSELS OF THE U. S. NAVY FIT FOR SERVICE (INCLUDING THOSE UNDER REPAIR)—NUMBER AND DISPLACEMENT: 1906 TO 1939

DATE	TOTAL		FIGHTING SHIPS		NONFIGHTING SHIPS	
	Number	Displacement	Number	Displacement	Number	Displacement
June 30:		<i>Tons</i>		<i>Tons</i>		<i>Tons</i>
1906	276	692,592	200	518,115	76	174,477
1910	308	1,075,407	220	828,695	88	246,712
1915	343	1,352,135	230	913,334	113	438,801
1920	795	2,111,457	618	1,369,880	177	741,577
1925	754	2,274,376	567	1,269,791	187	1,004,585
1930	685	2,228,617	551	1,305,744	134	922,873
December 31:						
1935	555	2,043,624	436	1,155,780	129	887,844
1936	560	2,048,384	416	1,155,560	134	892,824
1937	555	1,720,808	424	1,214,340	131	606,528
1938	551	1,773,583	422	1,279,135	129	494,453
1939	533	1,808,613	445	1,343,160	138	525,453

Sources: Table 150, War Department, Annual Report of Secretary and records. Tables 151 and 152, Navy Department records.

No. 153.—VESSELS OF THE U. S. NAVY FIT FOR SERVICE (INCLUDING THOSE UNDER REPAIR)—NUMBER AND DISPLACEMENT, BY TYPE: DEC. 31, 1939

NOTE.—Displacements of all vessels are given as standard displacement except floating drydock, Ardi, certain miscellaneous auxiliaries, and unclassified vessels, which are given as load displacement. Vessels under construction Dec. 31, 1939 (exclusive of those in experimental program), were as follows: 8 battleships, 300,000 tons; 4 light cruisers, 24,000 tons; 2 aircraft carriers, 34,500 tons; 30 destroyers, 48,460 tons; 14 submarines, 19,300 tons; 1 mine layer, 6,000 tons; 2 mine sweepers, 1,300 tons; 2 destroyer tenders, 18,900 tons; 1 submarine tender, 9,250 tons; 2 seaplane tenders, 17,250 tons; 4 seaplane tenders (small), 6,780 tons; 1 repair ship, 9,100 tons; 8 ocean-going tugs, 3,450 tons; total, 74 vessels, 498,290 tons. In addition to new construction for combatant vessels authorized by acts of Mar. 27, 1934, and May 17, 1938, for which funds have not been appropriated, 2 light cruisers, 2 mine sweepers, 2 destroyer tenders, 2 submarine tenders, 2 seaplane tenders, 3 seaplane tenders (small), 2 floating drydocks, 2 oilers, and 1 transport have been authorized but contracts have not been placed

CLASS AND TYPE	IN COMMISSION <sup>1</sup>		OUT OF COMMISSION		CLASS AND TYPE	IN COMMISSION <sup>1</sup>		OUT OF COMMISSION	
	Number	Displacement	Number	Displacement		Number	Displacement	Number	Displacement
<b>Grand total</b> .....	402	Tons 1,046,414	121	Tons 222,199	<b>Patrol vessels—</b>				
<b>Battleships, total</b> .....	16	464,300			<b>Con.</b>		Tons		Tons
Not over age.....	14	438,200			Gunboats.....	5	7,680		
Over age.....	1	26,100			River gunboats.....	5	2,310	1	460
<b>Cruisers, total</b> <sup>2</sup> .....	37	338,975			Converted yachts	1	710		
<b>Heavy:</b>					<b>Auxiliaries, total</b> .....	87	384,102	29	115,270
Not over age.....	18	171,200			Destroyer tenders.....	6	40,000	2	13,425
<b>Light:</b>					Submarine tenders.....			1	6,075
Not over age <sup>3</sup> .....	17	143,075			ers.....	5	30,045		
Over age.....	2	14,100			Seaplane tenders.....	3	25,100		
<b>Aircraft carriers</b> .....	5	120,100			small.....	11	9,750	5	5,950
Not over age.....	5	120,100			Repair ships.....	2	14,750	1	6,625
<b>Destroyers, total</b> <sup>4</sup> .....	182	238,070	36	38,970	Floating drydocks.....	1	2,482	2	
Not over age.....	67	104,260			Store ships.....	2	9,980	2	9,600
Over age.....	115	131,810	36	38,970	Colliers.....			2	12,550
<b>Submarines, total</b> <sup>5</sup> .....	63	71,175	37	27,935	Oilers.....	11	62,255	8	39,720
Not over age.....	30	44,185	1	1,475	<b>Ammunition</b>				
Over age.....	32	24,280	36	26,460	ships.....	2	14,050		
<b>Mine laying—</b>					Cargo ships.....	3	12,210	2	8,930
not over age.....	1	2,710			Transports.....	3	20,550		
<b>Mine vessels, total</b> .....	31	32,080	5	7,560	Hospital ships.....	1	7,275		
Mine layers.....	1	4,200	1	4,200	Ocean-going tugs.....	19	15,555	3	2,160
Light mine layers—					Submarine rescue				
ers—over age.....	8	9,400			vessels.....	5	5,300	1	900
<b>Mine sweepers</b> .....	22	18,480	4	3,360	Crane ships.....			1	8,725
<b>Patrol vessels, total</b> .....	30	14,985	4	1,030	Miscellaneous.....	13	59,300	1	6,200
Eagles.....	8	3,440	1	430	Unclassified.....	12	44,647	7	31,484
Submarine chasers	11	825	2	150				10	71,000

<sup>1</sup> Includes vessels in reduced commission. <sup>2</sup> Includes 2 light cruisers in commission but not completed.  
<sup>3</sup> Excludes weight allowance under Washington Treaty for providing against air and submarine attack.  
<sup>4</sup> Includes 9 destroyers in commission but not completed.  
<sup>5</sup> Includes 4 submarines in commission but not completed.  
<sup>6</sup> U. S. S. *Cuyahoga* in service but not in commission.  
<sup>7</sup> Includes U. S. S. *Constitution*, in service but not in commission.

No. 154.—AMERICAN NATIONAL RED CROSS—EXPENDITURES AND ADULT MEMBERSHIP: YEARS ENDED JUNE 30, 1931 TO 1939

NOTE.—Expenditures in thousands of dollars. Expenditures do not include chapter budgets. For the fiscal year 1939, additional expenditures by the 3,716 chapters were estimated at about \$7,160,000

	1931	1932	1933	1934	1935	1936	1937	1938	1939
<b>Adult membership (thousands):</b>									
Total, including insular and foreign.....	4,076	4,004	3,702	3,802	3,838	4,138	4,904	5,524	5,669
Continental U. S., including Alaska.....	3,962	3,900	3,698	3,711	3,734	4,027	4,774	5,380	5,505
Percent of total population <sup>1</sup> .....	3.2	3.1	2.9	2.9	2.9	3.2	3.7	4.2	4.2
<b>Expenditures, total</b> .....	15,132	6,553	3,674	3,717	2,946	7,683	25,985	10,350	5,041
<b>DETAIL OF EXPENDITURES<sup>2</sup></b>	<b>1938</b>	<b>1939</b>	<b>DETAIL OF EXPENDITURES<sup>2</sup></b>		<b>1938</b>	<b>1939</b>			
Disaster relief.....	7,440	2,623	General service and assistance to chapters.....				658	598	
Domestic.....	6,717	2,276	Public information and roll call, including assistance to chapters.....					417	
Insular and foreign.....	723	347	League of Red Cross Societies.....				78	187	
Civilian relief.....		21	Other.....				69		
Nursing service.....	192	221	Supervision of service activities and general management.....				395	428	
First aid, life saving, etc.....	370	378							
War service.....	596	619							
Junior Red Cross.....	145	149							

<sup>1</sup> Based on revised population estimates of the Bureau of the Census.  
<sup>2</sup> Activities common to all services, such as central stenographic section, files, etc., have been prorated to the various services according to the use that the services make of them.  
Sources: Table 153, Navy Department records. Table 154, The American National Red Cross; annual report, except as noted.

### No. 155.—VETERANS' ADMINISTRATION AND PREDECESSOR ORGANIZATIONS— DISBURSEMENTS FOR RELIEF OF VETERANS

NOTE.—In thousands of dollars. The Veterans' Administration is responsible for extending to veterans and dependents of deceased veterans certain benefits provided by law; namely, pensions and compensation, insurance, adjusted compensation, emergency officers' retirement pay for veterans of the World War, and hospital and domiciliary care for veterans of all wars

YEARS ENDED JUNE 30—	Total for relief of veterans	PENSIONS AND COMPENSATION							
		Total	Span- ish- American War	Civil War	World War				
					Total	Death compensa- tion <sup>1</sup>	Service- connected disabil- ity compen- sation <sup>1</sup>	Emerg- ency officers' retire- ment pay	Disabil- ity allow- ance or non- service
To June 30, 1922.....	8,472,049	6,702,765	87,647	5,985,182	359,544	60,238	209,306	-----	-----
1923.....	743,635	888,607	17,887	238,225	125,619	18,562	107,067	-----	-----
1924.....	354,786	345,490	21,140	203,000	115,516	19,412	96,103	-----	-----
1925.....	320,823	346,748	25,099	186,208	120,615	25,474	104,141	-----	-----
1926.....	553,494	372,281	30,223	171,006	164,454	31,199	133,255	-----	-----
1927.....	644,962	403,630	57,233	105,493	173,493	29,344	144,149	-----	-----
1928.....	659,871	410,765	70,674	149,669	181,816	30,824	150,992	-----	-----
1929.....	973,289	418,821	76,846	143,594	188,947	31,049	163,902	4,796	-----
1930.....	984,023	418,433	83,751	125,785	190,245	32,970	155,045	11,229	-----
1931.....	759,307	488,389	102,250	121,994	283,984	31,446	181,911	10,938	20,600
1932.....	841,437	545,800	113,758	107,866	313,280	36,719	189,560	11,553	75,458
1933.....	833,499	550,585	125,306	98,273	315,576	35,586	184,834	9,969	85,187
1934.....	545,338	321,395	55,614	69,815	184,198	32,786	139,446	2,181	9,785
1935.....	609,916	374,426	77,753	63,530	219,851	33,721	171,877	2,709	11,543
1936.....	3,839,120	2,890,010	108,584	55,637	221,166	35,780	169,382	3,283	12,710
1937.....	803,994	2,896,046	114,924	46,596	219,469	36,154	166,418	3,139	13,759
1938.....	626,830	2,402,784	118,183	39,233	230,203	44,983	166,975	3,117	15,227
1939.....	600,222	2,416,719	125,268	33,179	242,866	55,825	166,549	2,991	17,100
Grand total.....	23,360,159 <sup>2</sup>	13,702,692	1,412,176	8,006,583	3,838,831	622,063	2,880,403	65,906	270,450

YEARS ENDED JUNE 30—	PENSIONS AND COMPEN- SATION— continued		Military and naval insur- ance	United States Govern- ment life insur- ance	Ad- justed- service certifi- cates <sup>3</sup>	Ad- justed service and de- pend- ent pay	Hospital and dom- iciliary facili- ties— construc- tion	Admin- istra- tion, etc. <sup>4</sup>	Allot- ments and al- low- ances	All other
	Other wars	Regu- lar es- tablish- ment								
To June 30, 1922.....	209,689	60,704	328,458	8,189	-----	-----	917	513,411	583,448	334,861
1923.....	2,643	3,533	99,418	6,700	-----	-----	2,644	97,999	274,163	143,520
1924.....	2,613	3,321	101,240	7,482	-----	-----	9,216	84,382	13,100	96,060
1925.....	2,475	3,350	104,136	8,962	4,607	3,083	3,895	88,924	10	60,501
1926.....	2,342	3,656	136,975	9,882	16,355	5,626	4,511	83,065	21	25,819
1927.....	2,593	3,818	120,964	11,864	14,408	9,960	4,599	77,498	213	2,228
1928.....	4,610	4,096	120,771	17,664	17,098	10,163	5,222	78,020	67	238
1929.....	4,931	4,603	121,349	22,302	19,746	6,453	4,044	80,524	9	60
1930.....	4,656	4,697	122,769	24,677	20,131	3,130	8,241	86,593	2	45
1931.....	4,885	5,270	117,924	25,952	19,392	2,463	9,940	96,120	5	32
1932.....	4,906	5,967	123,741	28,737	23,216	2,450	12,876	104,360	9	219
1933.....	5,005	6,400	123,039	28,002	24,021	2,252	13,617	90,812	8	603
1934.....	3,918	7,833	103,268	26,073	23,413	1,895	8,171	66,484	3	136
1935.....	4,036	9,238	100,365	27,172	25,502	1,361	8,903	77,807	7	331
1936.....	3,905	9,710	94,025	28,296	228,422	1,090	8,938	83,181	7	2,160
1937.....	3,627	11,414	88,052	29,396	232,659	1,546	8,904	84,741	7	2,594
1938.....	3,635	11,515	82,522	31,636	13,838	1,352	9,347	85,851	7	2,473
1939.....	3,522	11,840	88,394	35,331	7,414	1,185	10,958	87,900	(?)	2,321
Grand total.....	274,091	170,862	2,127,400	378,379	3,739,878	53,986	117,001	1,966,712	582,942	969,168

<sup>1</sup> Includes pension payments to a small number of veterans and dependents of veterans.

<sup>2</sup> Includes disbursements to participants in yellow-fever experiments: 1932, \$24,000; 1933, \$26,000; 1934, \$13,000; 1935, \$18,000; 1936, \$17,000; 1937, \$16,000; 1938, \$15,000; 1939, \$15,000; total to June 30, 1939, \$149,000.

<sup>3</sup> Represents payments made on adjusted-service certificates and amounts reimbursed to U. S. Government life-insurance fund on account of loans made from that fund on certificates under provisions of World War Adjusted Compensation Act as amended, and of Adjusted Compensation Payment Act, 1936.

<sup>4</sup> Disbursements for medical aid and hospital services, maintenance, and expenses for pensions, Veterans' Administration homes, State and Territorial homes, salaries, printing and binding, and all other administrative expenses, except disbursements for civil-service and Canal Zone retirement funds.

<sup>5</sup> Credit.

<sup>6</sup> Includes disbursements from funds allotted under National Recovery Act of 1933, 1934 through 1939; for 1939, includes also funds allotted under P. W. A. Act of 1938.

<sup>7</sup> Less than \$500, credit.

<sup>8</sup> War of the Revolution, \$79,000,000; War of 1812, \$46,217,000; Indian Wars, \$80,051,000; War with Mexico, \$61,310,000; unclassified, \$16,513,000.

<sup>9</sup> Includes \$644,887,000 expenditures for vocational rehabilitation and \$35,078,000 for marine and seaman's insurance. Rehabilitation activities of Veterans' Administration ceased with close of fiscal year 1928.

Source: Veterans' Administration, Annual Report of Administrator.

No. 156.—PENSIONS, COMPENSATION, DISABILITY ALLOWANCE, AND EMERGENCY OFFICERS' RETIREMENT PAY—LIVING VETERANS RECEIVING BENEFITS, DECEASED VETERANS WHOSE DEPENDENTS WERE RECEIVING BENEFITS, AND DISBURSEMENTS FOR BENEFITS: 1866 TO 1939

JUNE 30 OR YEAR ENDED JUNE 30—	NUMBER ON ROLLS			Disbursements (thous. of dollars)	JUNE 30 OR YEAR ENDED JUNE 30—	NUMBER ON ROLLS			Disbursements (thous. of dollars)
	Total	Living	Deceased			Total	Living	Deceased	
1866	126,722	55,652	71,070	15,450	1915	748,147	437,723	310,424	165,518
1870	198,686	87,521	111,165	29,351	1916	709,572	403,372	306,200	169,155
1875	234,821	122,989	111,832	29,270	1917	673,111	370,147	302,964	160,895
1880	250,802	145,410	105,392	56,689	1918	649,497	341,632	307,865	180,177
1885	345,125	247,146	97,979	65,172	1919	673,832	336,210	336,616	233,461
1890	537,944	415,654	122,290	100,094	1920	769,543	419,627	349,916	316,418
1895	970,624	761,456	219,068	139,812	1921	768,672	422,691	345,881	380,026
1897	976,014	747,492	228,622	139,950	1922	772,379	430,942	341,437	377,158
1898	995,714	768,511	235,203	144,552	1923	778,180	436,776	341,404	388,007
1899	991,519	754,104	237,415	138,355	1924	762,547	427,153	335,394	345,490
1900	995,529	752,510	241,019	138,462	1925	790,139	456,530	333,609	346,748
1901	997,735	748,649	249,080	138,531	1926	807,088	472,623	334,466	372,281
1902	999,440	739,443	260,003	137,594	1927	816,380	489,805	326,576	403,630
1903	996,545	729,356	267,189	137,760	1928	834,364	516,566	317,798	410,766
1904	994,762	720,921	273,841	141,094	1929	831,964	525,961	306,009	418,821
1905	998,441	717,761	280,680	141,143	1930	840,893	542,610	298,223	418,433
1906	985,971	701,433	284,488	139,000	1931	1,079,987	790,782	289,206	488,389
1907	967,871	680,479	286,892	138,155	1932	1,278,046	994,351	283,695	545,777
1908	951,637	658,581	293,106	153,093	1933	1,270,607	967,918	272,749	550,559
1909	946,194	633,035	313,159	161,674	1934	838,855	681,226	257,630	321,377
1910	921,083	602,622	318,401	159,974	1935	893,937	686,955	252,982	374,407
1911	892,098	570,456	321,642	157,325	1936	852,032	600,662	251,470	368,692
1912	850,294	538,362	321,932	152,986	1937	841,937	598,519	243,427	390,030
1913	820,200	503,633	316,567	174,172	1938	886,953	600,848	236,105	402,769
1914	785,239	470,623	314,616	172,418	1939	842,431	602,757	239,674	416,704

NUMBER ON ROLLS BY WARS\*

JUNE 30—	TOTAL VETERANS, ALL WARS AND REGULAR ESTABLISHMENT			WAR WITH MEXICO		INDIAN WARS		CIVIL WAR		SPANISH-AMERICAN WAR	
	Total	Living	Deceased	Living	Deceased	Living	Deceased	Living	Deceased	Living	Deceased
1920	769,543	419,627	349,916	148	2,423	3,745	2,483	243,629	290,100	23,144	7,288
1925	790,139	456,530	333,609	17	1,257	3,924	3,084	126,626	241,193	101,871	18,363
1930	840,893	542,610	298,223	—	630	5,464	4,191	49,018	167,674	180,811	30,919
1934	838,855	581,226	267,882	—	351	4,370	4,006	18,455	112,377	165,231	35,022
1935	838,937	585,955	262,982	—	294	3,899	4,746	13,273	100,290	164,502	39,045
1936	852,032	600,562	251,470	—	247	3,513	4,648	9,604	87,543	179,169	48,872
1937	841,937	598,519	243,427	—	221	3,119	4,590	7,051	76,131	175,361	50,292
1938	836,953	600,848	236,105	—	195	2,814	4,426	5,948	60,879	170,755	53,545
1939	842,431	602,757	239,674	—	168	2,525	4,251	3,516	87,915	165,710	55,832

JUNE 30—	REGULAR ESTABLISHMENT		WORLD WAR										
	Living	Deceased	Living				Deceased						
			Total	Pensions	Compensation (service-connected)	Emergency officers' retirement pay	Disability allowance (non-service)	Total	Pensions	Service-connected	Non-service-connected		
1920	14,477	4,554	134,484	76	134,408	—	—	—	—	42,997	52	42,945	—
1925	12,399	3,762	211,603	49	211,644	—	—	—	—	65,979	21	65,958	—
1930	15,661	3,830	285,666	44	279,539	6,083	—	—	—	90,969	15	90,954	—
1934	29,484	5,838	363,685	(4)	332,216	1,566	—	29,908	99,229	(4)	(4)	99,229	—
1935	32,124	7,240	372,157	(4)	336,876	1,677	33,604	101,364	(4)	(4)	(4)	99,394	1,970
1936	31,197	7,505	377,024	(4)	337,767	1,811	37,446	102,653	(4)	(4)	(4)	99,659	2,994
1937	33,036	8,109	379,963	(4)	336,528	1,841	41,594	104,582	(4)	(4)	(4)	99,332	5,060
1938	33,662	8,725	389,169	(4)	340,590	1,831	46,748	102,080	(4)	(4)	(4)	99,118	7,422
1939	34,185	9,415	396,821	(4)	342,072	1,813	52,936	112,042	(4)	(4)	(4)	99,822	12,220

\* The reduction in this item from the prior fiscal year was due essentially to discontinuance of disability allowance (nonservice) except for veterans permanently and totally disabled.  
 † For disbursements by wars, see table 155.  
 ‡ Includes veterans of the War of 1812 whose dependents were receiving pensions (1 for 1930), not shown separately.

§ Included under "Compensation."  
 Source: Veterans' Administration, Annual Report of Administrator.  
 267706—41—12



**No. 157.—PENSIONS, COMPENSATION, DISABILITY ALLOWANCE, AND EMERGENCY OFFICERS' RETIREMENT PAY—ANNUAL AVERAGE PAYMENTS, PER VETERAN, TO LIVING VETERANS AND TO DEPENDENTS OF DECEASED VETERANS, BY WARS: 1910 TO 1939**

NOTE.—Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls

JUNE 30—	AVERAGE FOR VETERANS OF ALL WARS AND REGULAR ESTABLISHMENT			WAR OF 1812	WAR WITH MEXICO			INDIAN WARS			CIVIL WAR		
	Total	Living	Deceased	Deceased	Total	Living	Deceased	Total	Living	Deceased	Total	Living	Deceased
1910	\$172	\$184	\$149	\$151	\$167	\$238	\$144	\$132	\$110	\$144	\$174	\$187	\$148
1915	215	263	148	149	175	356	146	168	230	145	220	275	147
1920	358	422	280	283	240	414	230	203	240	149	359	452	281
1925	408	464	344	360	363	709	359	202	243	149	477	690	360
1930	475	514	404	540	686	-----	586	446	613	359	542	852	452
1934	432	462	385	514	581	-----	581	443	534	357	551	1,078	465
1935	428	448	383	510	579	-----	579	436	529	358	533	1,060	463
1936	457	484	393	420	576	-----	576	431	527	358	520	1,047	462
1937	460	490	388	420	579	-----	579	428	520	358	517	1,130	461
1938	477	496	427	240	577	-----	577	435	684	358	507	1,136	459
1939	480	503	454	240	579	-----	579	495	726	358	498	1,164	458

JUNE 30—	SPANISH-AMERICAN WAR			REGULAR ESTABLISHMENT			WORLD WAR							
	Total	Living	Deceased	Total	Living	Deceased	Total <sup>1</sup>	Living			Deceased			
								Total <sup>1</sup>	Compen-sation (servi-ce con-nected)	Dis-ability allow-ance or non-ser-vi-ce	Emer-gency offi-cers' retire-ment pay	Total <sup>1</sup>	Compen-sation	
1910	\$128	\$121	\$159	\$173	\$160	\$197								
1915	134	129	190	176	169	200								
1920	142	132	175	161	173	204	\$417	\$449	\$449			\$316	\$316	
1925	206	193	278	198	192	219	421	453	453			317	317	
1930	380	389	389	232	235	219	499	553	529		\$1,082	331	331	
1934	371	390	285	226	220	260	439	467	476	\$307	1,617	337	337	
1935	368	388	285	234	224	250	445	472	481	315	1,628	348	348	\$359
1936	491	523	371	241	223	266	446	471	482	319	1,638	352	352	357
1937	509	549	370	273	266	299	444	470	482	320	1,641	351	351	353
1938	533	585	368	272	265	299	464	467	491	320	1,637	450	457	355
1939	565	632	368	272	263	305	474	463	479	319	1,633	512	531	351

<sup>1</sup> In computing these averages, pensions paid to a small number of veterans (see table 156) were included.

**No. 158.—TERM AND CONVERTED INSURANCE CLAIMS AWARDED, BY TYPE OF AWARD, TO JUNE 30, 1939, AND FOR YEARS ENDED JUNE 30, 1935 TO 1939**

	Total to June 30, 1939	YEAR ENDED JUNE 30—				
		1935	1936	1937	1938	1939
Number of awards made during period or year:						
Term and automatic insurance—						
Total original awards	195,262	606	513	349	395	420
Original death	155,218	128	93	71	67	70
Original disability	40,044	478	420	278	328	350
Disability changed to death	22,806	437	380	371	375	325
Converted insurance—						
Total original awards	52,887	3,572	3,486	3,661	3,772	3,938
Original death	34,813	2,427	2,523	2,714	2,701	2,745
Original disability	18,074	1,145	993	947	1,071	1,193
Disability changed to death	5,802	451	538	515	514	667
Number of awards active at end of year:						
Term and automatic insurance						
Death	145,126	142,216	137,419	113,463	34,047	21,636
Disability	131,442	128,721	124,312	100,783	12,411	12,411
Converted insurance	13,684	13,495	13,107	12,680	16,415	16,415
Death	13,199	14,108	15,008	15,755	16,845	16,845
Disability	3,754	4,318	4,993	5,639	6,350	6,350
Disability	9,445	9,850	10,015	10,116	10,490	10,490

Source of tables 157 and 158: Veterans' Administration; Annual Report of Administrator, monthly reports, and records.

**No. 159.—LIFE INSURANCE (GOVERNMENT) IN FORCE AND PREMIUMS PAID: 1924 TO 1939**

[Amounts in thousands of dollars]

JUNE 30 OR YEAR ENDED JUNE 30—	INSURANCE POLICIES IN FORCE JUNE 30						PREMIUMS PAID DURING YEAR	
	Total		Yearly renewable term insurance (war time)		U. S. Government life insurance excl. yearly renewable		Term insurance <sup>1</sup>	U. S. Government life
	Number	Amount	Number	Amount	Number	Amount		
1924	502,600	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	13,460	30,388
1926	553,660	2,781,587	130,103	1,008,511	423,557	1,773,076	10,458	44,417
1927	527,980	2,803,045	87,100	672,075	500,880	2,220,970	6,784	54,048
1928	600,374	3,113,640	268	1,654	660,108	3,111,995	1,374	71,113
1929	650,006	3,059,919	229	1,342	649,837	3,055,577	552	69,203
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	89,201
1932	641,247	2,977,330	29	246	641,218	2,977,083	253	67,603
1933	616,009	2,782,709	-----	-----	616,069	2,782,709	245	67,992
1934	598,226	2,666,733	-----	-----	598,226	2,666,733	104	68,241
1935	590,805	2,605,400	121	389	590,744	2,605,011	176	64,950
1936	593,213	2,590,922	149	439	593,064	2,590,482	79	63,047
1937	596,982	2,578,339	160	357	596,832	2,577,982	66	63,401
1938	602,963	2,569,893	349	653	602,614	2,569,240	67	62,821
1939	606,071	2,562,364	355	642	605,716	2,561,712	60	62,325

<sup>1</sup> Net premiums.

**No. 160.—LIFE INSURANCE (GOVERNMENT)—CONVERTED INSURANCE ISSUED AND IN FORCE, BY PLAN**

PLAN	ISSUED TO JUNE 30, 1939					IN FORCE JUNE 30, 1939	
	Number	Amount (1,000 dollars)	Average policy	Percent of total		Number	Amount (1,000 dollars)
				Number	Amount		
Total	1,030,346	4,383,036	4,254	100.00	100.00	605,718	2,561,712
Ordinary life	210,507	1,024,898	4,869	20.43	23.38	137,713	695,456
20-payment life	270,981	1,040,895	3,841	26.30	23.75	186,959	721,049
30-payment life	37,294	183,505	4,921	3.02	4.19	28,232	143,147
20-year endowment	244,403	622,791	2,548	23.73	14.21	100,803	277,253
30-year endowment	45,517	188,559	4,143	4.42	4.30	29,083	124,161
Endowment at age 62	45,081	210,073	4,678	4.37	4.81	30,654	145,065
5-year convertible term	146,434	660,350	6,603	14.11	21.91	45,663	284,968
Duration less than 5 years	-----	-----	-----	-----	-----	23,263	135,846
Duration more than 5 years	-----	-----	-----	-----	-----	7,091	46,742
Renewed, second period	-----	-----	-----	-----	-----	15,305	102,346
Renewed, third period	-----	-----	-----	-----	-----	20,714	104,512
5-year level premium term	31,118	161,414	4,806	3.02	3.46	18,445	92,291
First period	-----	-----	-----	-----	-----	2,269	12,221
Renewed, second period	-----	-----	-----	-----	-----	22,224	61,227
Extended insurance	-----	-----	-----	-----	-----	2,365	3,627
Paid-up life	-----	-----	-----	-----	-----	1,236	1,250
Paid-up endowment	-----	-----	-----	-----	-----	-----	-----

**No. 161.—LIFE INSURANCE FUND (GOVERNMENT)—FINANCIAL STATEMENT, FROM ORIGIN, MAY 31, 1919, TO DEC. 31, 1938**

[All figures in thousands of dollars]

	Total to Dec. 31, 1938	Year ended Dec. 31, 1938		Total to Dec. 31, 1938	Year ended Dec. 31, 1938
Income, total	1,625,644	118,343	Disbursements—Continued. Dividends paid policyholders. Paid on supplementary installment contracts under claims. Other disbursements	87,746	7,790
Premiums	1,030,352	62,378			
Interest	353,719	38,802			
Received from U. S. on account of extra hazards of military and naval service	86,704	3,261	Ledger assets, Dec. 31, 1938, as per "balance" under income and disbursements, total.	931,736	-----
Consideration for supplementary installment contracts under claims	141,889	11,496			
Other income	12,881	410	Book value of bonds, amortized	825,196	-----
Disbursements, total	643,818	56,052	Policy loans	147,426	-----
Claims (death and total permanent disability)	285,672	20,963	Adjusted-service certificate loans	2,664	-----
Surrender values	151,724	13,021	Cash on hand	6,439	-----
Matured endowments	5,082	389			

Source of tables 159, 160, and 161: Veterans' Administration, Annual Report of Administrator and records.

No. 162.—ADJUSTED-COMPENSATION AWARDS, AS OF JUNE 30, 1939

NOTE.—Amounts in thousands of dollars. The Adjusted Compensation Payment Act, 1932, provided for payment of adjusted-service certificates on or after June 15, 1936

	Number	Amount		Number	Amount
Total awards.....	4, 113, 041	5, 764, 119	Payments on certificates mat- ured by death.....	240, 864	237, 696
Dependents.....	146, 886	46, 760			
Less than \$50 (cash).....	11, 743	313			
\$50 or over.....	134, 638	45, 742			
\$50 lump-sum payments.....	3, 968, 655	3, 714, 358			
Veterans.....	3, 988, 655	3, 714, 358	Maturity value of certificates certified for payment.....	3, 494, 607	1, 011, 687
\$50 or less (cash).....	176, 872	6, 812			
Certificates.....	3, 789, 783	3, 708, 547			

No. 163.—BENEFICIARIES RECEIVING HOSPITAL OR DOMICILIARY CARE AUTHORIZED BY VETERANS' ADMINISTRATION: 1921 TO 1939

NOTE.—During the fiscal year 1939, a total of 1, 079, 863 out-patient treatments were given and 1, 127, 162 outpatient examinations were made. On June 30, 1939, there were 3, 610 veterans domiciled in State and Territorial homes who were eligible for care in facilities controlled by the Veterans' Administration and for whose care the Federal Government reimburses these homes at the rate of \$120 per year for each person

YEAR ENDED JUNE 30—	Total receiving hospital or domi- ciliary care at end of year <sup>1</sup>	BENEFICIARIES RECEIVING HOSPITAL TREATMENT, ALL FACILITIES AND HOSPITALS <sup>2</sup>				Veterans receiving domi- ciliary care at end of year <sup>1</sup>	VETERANS' ADMINISTRATION FACILITIES							
		Average daily pa- tients	Patients remaining at end of year				Hospital <sup>3</sup>		Domiciliary					
			Total	Tu- bercu- losis	Neuro- psychi- atric		Gen- eral	Average daily pa- tients	Oper- ating ex- penses (1,000 dol- lars)	Per diem cost (dol- lars) <sup>4</sup>	Average daily domi- ciliary care	Oper- ating ex- penses (1,000 dolls.)		
1921.....		20, 237	10, 337	7, 499	3, 401									
1922.....	27, 840	26, 869	10, 849	9, 231	6, 789	13, 607	23, 531	4. 74						
1923.....	24, 526	23, 611	9, 577	9, 194	4, 840	11, 882	21, 658	4. 99						
1924.....	22, 098	21, 730	8, 082	9, 461	4, 187	11, 530	19, 188	4. 55						
1925.....	27, 447	26, 010	9, 314	11, 905	5, 391	15, 855	23, 354	4. 04						
1926.....	27, 012	24, 916	7, 308	12, 220	6, 387	16, 567	25, 322	4. 19						
1927.....	26, 386	25, 310	6, 658	12, 638	6, 114	17, 305	26, 282	4. 00						
1928.....	26, 300	25, 899	6, 045	12, 839	7, 015	17, 801	26, 091	4. 00						
1929.....	27, 642	27, 487	6, 121	13, 461	7, 905	19, 245	28, 178	4. 01						
1930.....	26, 513	30, 311	6, 274	14, 941	9, 096	20, 233	28, 520	3. 84						
1931.....	51, 930	32, 713	34, 948	6, 193	17, 001	11, 764	37, 032	22, 297	30, 414	3. 72				
1932.....	62, 255	42, 448	43, 567	6, 499	20, 160	16, 908	18, 688	25, 046	31, 996	3. 44				
1933.....	44, 844	42, 526	33, 457	5, 425	20, 109	7, 923	11, 187	32, 666	33, 391	2. 74				
1934.....	48, 849	36, 192	39, 445	5, 032	22, 226	12, 187	9, 404	35, 226	32, 620	2. 51	10, 190	3, 649		
1935.....	51, 922	41, 172	42, 549	5, 134	23, 358	14, 107	9, 323	39, 080	39, 856	2. 78	10, 406	4, 024		
1936.....	51, 128	43, 516	41, 592	4, 539	24, 447	12, 556	9, 586	40, 972	42, 380	2. 82	12, 008	4, 474		
1937.....	57, 180	44, 942	46, 142	4, 789	26, 394	14, 969	11, 038	41, 939	43, 252	2. 81	10, 394	4, 290		
1938.....	64, 924	62, 537	50, 670	4, 857	29, 267	16, 546	14, 264	45, 639	44, 204	2. 06	13, 514	4, 872		
1939.....	69, 287	68, 550	53, 861	4, 913	31, 190	17, 768	15, 426	49, 147	47, 988	2. 68	15, 709	5, 218		

VETERANS UNDER HOSPITAL OR DOMICILIARY CARE, BY CLASS OF BENEFICIARY

TYPE OF CARE AND YEAR (June 30)	ALL WARS AND REGULAR ESTABLISHMENT			WORLD WAR			Span- ish- Ameri- can	Civil War	All other wars	Regular estab- lish- ment
	Total	Serv- ice con- nected	Non- serv- ice	Total	Serv- con- nected	Non- serv- ice <sup>4</sup>				
Hospital treatment:										
1925.....	26, 610	22, 771	3, 339	26, 029	22, 771	3, 258	664		17	
1930.....	30, 311	16, 219	14, 022	28, 850	15, 297	13, 553	1, 313	79	69	
1935.....	43, 699	12, 046	30, 553	38, 038	10, 746	27, 287	2, 369	117	70	2, 010
1937.....	46, 142	11, 824	34, 318	41, 228	10, 341	30, 887	2, 504	83	72	2, 255
1938.....	50, 670	11, 998	38, 672	45, 496	10, 335	35, 111	2, 638	62	90	2, 384
1939.....	53, 861	12, 097	41, 764	48, 627	10, 443	38, 084	2, 715	48	85	2, 486
Domiciliary care: <sup>1</sup>										
1935.....	9, 323	919	8, 404	7, 466	727	6, 739	1, 236	36	41	494
1930.....	9, 580	892	8, 694	8, 072	660	7, 406	967	19	37	501
1937.....	11, 038	952	10, 056	9, 599	763	8, 836	902	11	80	496
1938.....	14, 264	1, 217	13, 037	12, 752	944	11, 808	871	4	26	601
1939.....	15, 426	1, 121	14, 306	14, 058	863	13, 195	764	2	18	584

<sup>1</sup> Veterans' homes were not under the jurisdiction of the Veterans' Administration prior to July 1930.  
<sup>2</sup> Includes Veterans' Admin. beneficiaries cared for in Army, Navy, Marine, and State and civil (con-  
tract) hospitals, St. Elizabeths, and hospitals operated in connection with National Veterans' homes.  
<sup>3</sup> Beginning 1933, figures include hospitals operated in connection with Veterans' Admin. homes.  
<sup>4</sup> Excludes hospitals which operated for only part of the year under unnatural conditions.  
<sup>5</sup> Includes domiciliary members receiving hospital treatment.  
<sup>6</sup> Includes exemption, observation, and unclassified cases.

Sources of tables 162 and 163: Veterans' Administration, Annual Report of Administrator and records.

**No. 164.—RETIREMENT OF FEDERAL MILITARY PERSONNEL AND OTHER SPECIAL CLASSES OF FEDERAL EMPLOYEES: 1931 TO 1939**

**NOTE.**—Retired pay in thousands of dollars. With the exception of foreign service officers, who contribute 5 percent of their pay to the foreign service retirement fund, the personnel covered in this table make no direct contribution to their retirement pay. For data relating to Federal civil employees retired under the civil service and Canal Zone retirement acts, see table 170

YEAR ENDED JUNE 30	ARMY		NAVY		MARINE CORPS		COAST GUARD <sup>1</sup>		OTHER <sup>2</sup>	
	Number on roll <sup>3</sup>	Retired pay	Number on roll <sup>4</sup>	Retired pay	Number on roll <sup>5</sup>	Retired pay	Number on roll <sup>4</sup>	Retired pay	Number on roll <sup>3</sup>	Retired pay
1931	12,152	20,303	4,112	8,251	718	1,205	1,021	1,255	467	727
1932	12,532	21,004	4,611	9,027	766	1,316	1,072	1,280	505	840
1933	12,811	20,218	5,176	9,151	797	1,276	1,138	1,200	558	866
1934	13,332	19,344	5,945	10,050	825	1,251	1,207	1,253	636	985
1935	14,161	23,444	6,869	11,937	894	1,480	1,255	1,405	671	1,121
1936	14,580	24,708	7,075	13,572	1,029	1,747	1,330	1,618	712	1,250
1937	14,831	25,387	8,449	14,802	1,108	2,010	1,408	1,722	745	1,349
1938	15,080	25,805	9,506	16,309	1,199	2,176	1,485	1,822	782	1,474
1939	15,501	26,479	10,681	17,789	1,268	2,322	1,581	1,902	819	1,594

<sup>1</sup> Includes commissioned and warrant officers, enlisted men, and certain members of the former Life Saving Service.

<sup>2</sup> Includes retired personnel for following groups of employees: Officers and employees engaged in field service or on vessels of the Lighthouse Service, except persons continuously employed in district offices and shops and 4 executive positions of the Lighthouse Service; commissioned officers of the Coast and Geodetic Survey and Public Health Service; Foreign Service officers (State Dept.); and retired judges.

<sup>3</sup> Number on roll June 30.

<sup>4</sup> Average number on roll.

**No. 165.—FEDERAL SERVICE—SUMMARY OF EMPLOYMENT AND PAY ROLLS, BY CLASS OF SERVICE, 1938 AND 1939, AND BY MONTHS, 1939**

YEAR AND QUARTER	TOTAL		EXECUTIVE SERVICE		MILITARY SERVICE <sup>1</sup>		JUDICIAL SERVICE		LEGISLATIVE SERVICE	
	Em- ployees <sup>2</sup>	Pay roll (thous. of dol- lars)	Em- ployees <sup>2</sup>	Pay roll (thous. of dol- lars)	Em- ployees <sup>2</sup>	Pay roll (thous. of dol- lars)	Em- ployees <sup>2</sup>	Pay roll (thous. of dol- lars)	Em- ployees <sup>2</sup>	Pay roll (thous. of dol- lars)
1938	1,194,714	1,877,096	851,913	1,543,122	335,415	313,095	2,157	6,358	5,229	14,521
1939	1,293,333	2,026,350	916,426	1,665,060	369,243	338,825	2,259	6,691	5,405	14,765
Jan.-Mar.	1,222,692	481,785	873,377	396,311	341,793	80,184	2,252	1,651	5,270	3,639
Apr.-June	1,268,671	490,970	904,771	409,934	356,319	81,659	2,240	1,674	5,335	3,653
July-Sept.	1,317,404	515,597	934,467	422,602	375,220	87,692	2,212	1,673	5,505	3,730
Oct.-Dec.	1,364,568	530,998	953,088	436,172	403,640	89,390	2,328	1,693	5,612	3,743

<sup>1</sup> These figures include in addition to officers and enlisted men in the Army, Navy, and Marine Corps, nurses in active service, midshipmen at the United States Naval Academy, and the Coast Guard.

<sup>2</sup> Annual and quarterly figures for employees are averages of figures as of the end of each month.

**No. 166.—EMPLOYEES IN FEDERAL EXECUTIVE CIVIL SERVICE: 1816 TO 1939**

**NOTE.**—This statement does not include the legislative, judicial, or military branches of the Federal Government or employees of the District of Columbia. It includes employees in both classified positions (subject to competitive examination under civil service law) and unclassified positions (exempted from competitive examination by law and Executive order), but excludes temporary substitute employees in the Post Office Department. Number on and prior to June 30, 1937, refers to employees having Federal appointments on last day of month; thereafter, to employees on pay roll with pay during last regular pay period of month. See also tables 167 and 168

JUNE 30—	Total number	JUNE 30—	Total number	DATE	Total number	In Dist. of Col.	Outside Dist. of Col.
1816	6,327	1920	991,116	1933—June 30	572,091	65,437	506,654
1821	8,211	1921	952,252	1934—June 30	673,095	89,132	583,963
1931	19,800	1922	827,517	1935—June 30	719,440	103,453	615,987
1841	28,700	1933	615,772	1936—June 30	824,259	117,103	707,156
1851	35,300	1924	621,641	1937—June 30	841,664	115,408	726,255
1861	49,200	1925	552,798	1938—June 30	851,926	115,590	736,336
1871	58,900	1926	528,542	Dec. 31	861,014	110,547	742,367
1881	107,000	1927	627,228	Male <sup>4</sup>	669,500	71,000	622,800
1891	196,000	1928	640,867	Female <sup>4</sup>	192,100	48,500	119,600
1901	256,000	1929	659,679	1939—June 30	920,510	123,364	790,946
1911	391,350	1930	680,494	Dec. 31	932,805	126,345	805,960
1916	490,327	1931	688,206	Male	760,036	76,687	683,349
1918	517,760	1932	688,196	Female	172,269	49,658	122,611

<sup>1</sup> Approximate prior to 1921. <sup>2</sup> As of Nov. 11. <sup>3</sup> As of July 31. <sup>4</sup> Estimated.

Sources: Table 164, War and Navy Depts., Coast Guard, Dept. of Justice, and the several offices named in footnote 2; Annual Reports and records. Table 165, Dept. of Labor, Bureau of Labor Statistics, records; monthly figures are published currently in pamphlet "Employment and Pay Rolls." Table 166, Civil Service Commission, Annual Report and Semi-Annual Report of Employment.

No. 167.—EMPLOYEES IN THE FEDERAL EXECUTIVE CIVIL SERVICE, BY CLASSIFICATION STATUS OF POSITIONS AND BY SEX, BY DEPARTMENTS AND INDEPENDENT OFFICES: DECEMBER 1939

NOTE.—Because of numerous changes resulting from consolidations, transfers of bureaus, etc., under Reorganization Plans I and II, which became effective July 1, 1939, it is impracticable to present comparable figures for earlier years. For figures for 1933 to 1938, see table 166, Statistical Abstract, 1939

DEPARTMENT OR ESTABLISHMENT	ENTIRE SERVICE <sup>1</sup>					IN DISTRICT OF COLUMBIA					OUTSIDE DISTRICT OF COLUMBIA				
	Total	Classified	Unclassified <sup>2</sup>	Men	Women	Total	Classified	Unclassified <sup>2</sup>	Men	Women	Total	Classified	Unclassified <sup>2</sup>	Men	Women
<b>Total</b> .....	<b>992,305</b>	<b>660,594</b>	<b>271,711</b>	<b>760,036</b>	<b>172,269</b>	<b>126,345</b>	<b>93,392</b>	<b>32,953</b>	<b>76,687</b>	<b>49,658</b>	<b>805,960</b>	<b>567,202</b>	<b>238,758</b>	<b>683,849</b>	<b>122,611</b>
Office of the President:															
Executive Staff.....	753	147	606	446	307	529	147	382	291	238	224	224	155	69	
Maintenance Force.....	141		141	107	34	141		141	107	34					
Executive departments:															
State.....	6,249	1,457	4,792	4,527	1,722	1,076	907	169	571	505	5,173	550	4,623	3,956	1,217
Treasury.....	60,216	39,660	20,556	39,786	20,430	19,054	15,655	3,399	8,407	10,647	41,162	24,005	17,157	31,379	9,783
War.....	123,624	79,234	44,390	103,601	15,023	6,470	4,972	1,498	3,764	2,706	117,154	74,262	42,892	104,837	12,317
Justice.....	10,075	5,068	5,007	7,770	2,305	3,009	1,445	1,564	1,867	1,142	7,066	3,623	3,443	5,903	1,163
Post Office <sup>3</sup> .....	291,114	287,220	3,894	261,556	29,558	4,476	4,327	149	3,582	894	286,638	282,893	3,745	257,974	28,664
Navy.....	99,024	91,740	7,284	93,557	5,467	12,845	12,219	626	11,151	1,694	86,179	79,521	6,658	82,406	3,773
Interior.....	45,844	18,658	26,986	37,603	8,241	6,881	5,147	1,734	4,314	2,567	38,963	13,711	25,252	33,289	5,674
Agriculture <sup>4</sup> .....	86,250	33,144	53,106	64,236	22,014	12,165	7,893	4,282	6,533	5,632	74,085	25,261	48,824	57,703	16,382
Commerce.....	8,535	6,952	1,583	6,372	2,163	5,803	5,344	459	3,939	1,864	2,732	1,008	1,124	2,433	299
Labor.....	6,789	6,239	520	4,630	2,129	2,243	1,991	252	949	1,294	4,516	4,248	268	3,681	835
Independent establishments:															
Aley Dwelling Authority.....	44	40	4	30	14	44	40	4	30	14					
American Battle Monuments Commission.....	87	8	79	78	9		8	1	8	1	78		78		8
Board of Governors, Federal Reserve System.....	434		434	257	177	412		412	235	177	22		22	70	
Board of Tax Appeals.....	128	67	61	58	70		67		61	58					
Civil Aeronautics Authority.....	4,934	4,450	484	4,442	492	1,236	1,089	147	845	391	3,698	3,361	337	3,597	101
Civil Service Commission.....	1,329	1,796	33	892	937	1,417	1,364	33	668	749	412	412		224	188
Employees' Compensation Commission.....	520	514	6	242	278	464	458	6	221	243	56	56		21	35
Farm Credit Administration.....	3,171	1,463	1,708	1,968	1,203	1,286	1,126	160	626	660	1,885	337	1,548	1,342	543

Federal Communications Commission.....	624	596	28	397	227	429	401	28	252	177	195	195	145	50
Federal Deposit Insurance Corporation.....	1,388	537	851	863	525	483	384	99	252	231	905	153	752	294
Federal Loan Agency.....	19,894	155	19,739	11,068	8,886	4,500	64	4,436	2,465	2,035	15,394	91	15,303	8,543
Federal Power Commission.....	790	489	301	567	223	521	354	167	349	172	269	135	134	218
Federal Security Agency.....	20,819	16,386	4,433	12,451	8,368	4,406	3,841	565	2,087	2,319	16,413	12,545	3,868	10,364
Federal Trade Commission.....	60	327	333	422	238	473	301	272	361	212	87	26	61	61
Federal Works Agency.....	46,659	8,538	38,021	26,750	19,909	12,166	4,517	7,649	8,086	4,080	34,493	4,121	30,372	18,664
General Accounting Office.....	5,109	2,237	2,872	3,248	1,861	5,109	2,237	2,872	3,248	1,861				15,829
Golden Gate International Exposition Commission.....	25		25	18	7	3		3	1	2	22		22	17
Government Printing Office.....	5,874	5,600	274	4,818	1,056	5,874	5,600	274	4,818	1,056				5
Interstate Commerce Commission.....	2,661	2,645	16	1,862	799	1,853	1,844	9	1,244	609	808	801	7	618
Maritime Commission.....	1,581	1,469	112	1,173	408	929	828	101	574	355	652	641	11	599
Maritime Labor Board.....	34	31	3	16	18	32	29	3	14	18	2	2		2
Mount Rushmore National Memorial Commission.....	47		47	46	1	2		2	1	1	45		45	45
National Advisory Committee for Aeronautics.....	715	681	34	613	102	62	61	1	32	30	653	620	33	581
National Archives.....	353	352	1	209	144	353	352	1	209	144				72
National Capital Park and Planning Commission.....	23	12	16	23	5	28	12	16	23	5				
National Labor Relations Board.....	874	449	425	518	356	480	262	218	304	176	394	187	207	214
National Mediation Board.....	73	33	40	38	35	25	17	8	18	7	48	16	32	20
New York World's Fair Commission.....	14		14	13	7						14		14	13
Panama Canal.....	16,505	1,638	14,867	15,923	582	1,286	1,26		116	10	16,379	1,512	14,867	15,807
Railroad Retirement Board.....	2,352	2,317	35	1,527	825	1,383	1,348	35	761	622	969	969	207	766
Securities and Exchange Commission.....	1,616	907	709	1,081	535	1,282	780	502	845	437	334	127	207	236
Smithsonian Institution.....	486	355	131	342	144	486	355	131	342	144				98
Tariff Commission.....	303	290	13	190	113	295	282	13	182	113	8	8		8
Tennessee Valley Authority.....	14,597		14,597	13,526	1,071	10		10	4	6	14,587		14,587	13,522
Veterans' Administration.....	38,493	36,898	2,100	25,236	13,257	5,247	5,188	59	1,933	3,314	33,246	31,205	2,041	23,303

<sup>1</sup> Number on Federal pay roll with pay during last pay-roll period of month. Does not include employees in legislative or judicial branches of U. S. Government, military and naval forces of United States, employees of District of Columbia government, or enrollees in Civilian Conservation Corps work.

<sup>2</sup> The unclassified positions which are excepted from competitive requirements of the Civil Service Act and rules in the several departments and independent establishments include all unclassified positions regardless of whether financed by regular or emergency funds. They also include unclassified positions where the employees occupying these positions have civil service status and jobs filled by unskilled laborers who are appointed in accordance with the provisions of the labor regulations promulgated by the President.

<sup>3</sup> Not including temporary substitute employees, consisting of 1,061 in the District of Columbia and 53,376 outside the District of Columbia.

<sup>4</sup> Includes employees hired under special letters of authorization.

Source: Civil Service Commission, Semi-Annual Report of Employment.

No. 168.—CIVIL SERVICE—CLASSIFIED COMPETITIVE POSITIONS, PERSONS EXAMINED, PASSED, AND APPOINTED: 1884 TO 1939

YEAR ENDED JUNE 30—	Competitive classified positions <sup>1</sup>	Examined	Passed	Percent that passed	Appointed	YEAR ENDED JUNE 30—	Competitive classified positions <sup>1</sup>	Examined	Passed	Percent that passed	Appointed
1884 <sup>2</sup>	13,780	3,542	2,044	57.7	489	1913	282,597	141,905	94,350	66.5	35,154
1885 <sup>3</sup>	15,690	6,347	4,141	65.2	1,800	1914	292,460	215,587	147,626	68.4	41,935
1886 <sup>4</sup>	17,273	7,602	5,034	66.2	1,881	1915	292,291	167,795	114,632	68.3	36,397
1887 <sup>5</sup>	19,345	15,852	10,740	67.8	4,442	1916	295,926	154,722	113,792	73.5	42,058
1888	22,577	11,281	6,868	60.9	2,616	1917	320,899	212,114	152,553	71.9	36,312
1889	20,650	19,060	11,978	62.8	3,781	1918	642,432	551,391	387,963	70.4	213,530
1890	30,626	22,994	13,947	60.7	5,182	1919	592,961	438,259	299,526	68.4	179,533
1891	33,873	19,074	12,786	67.0	5,395	1920	497,603	293,327	193,915	66.1	116,309
1892	37,523	19,460	12,160	62.5	3,961	1921	448,112	303,309	203,209	67.0	101,711
1893	43,915	24,838	14,008	56.4	4,291	1922	420,688	206,007	128,952	62.6	63,807
1894	45,821	37,379	22,131	59.2	4,704	1923	411,398	204,200	122,918	60.2	57,604
1895	54,222	31,079	19,811	63.4	4,793	1924	415,693	225,723	135,451	60.0	67,349
1896	57,044	31,136	20,714	66.4	5,086	1925	423,538	201,415	122,495	60.8	50,164
1897	55,886	50,571	29,474	58.3	3,947	1926	422,300	202,846	105,964	52.2	38,916
1898	89,306	45,712	30,600	66.9	7,870	1927	422,908	251,679	106,937	42.4	42,003
1899	93,144	49,164	36,312	74.0	9,557	1928	431,763	236,997	123,830	52.2	40,317
1900	94,893	46,602	34,965	75.0	9,889	1929	445,957	243,510	125,726	51.6	47,913
1901	100,205	48,093	33,621	69.7	10,291	1930	462,083	267,429	132,991	49.7	41,075
1902	107,900	60,558	40,509	66.9	13,298	1931	468,050	248,438	121,670	48.9	41,528
1903	135,453	109,829	87,983	80.1	40,270	1932	467,161	257,109	89,717	34.8	25,080
1904	154,093	127,846	100,078	78.3	48,909	1933	456,096	191,771	89,082	46.4	12,216
1905	171,807	143,053	111,741	78.1	38,956	1934	450,592	296,447	169,555	57.2	22,757
1906	184,178	117,277	91,345	77.9	39,050	1935	455,229	430,114	198,266	46.1	36,182
1907	194,323	129,317	93,620	72.6	43,003	1936	498,725	732,229	389,052	53.0	51,777
1908	206,637	161,793	120,760	74.6	42,153	1937	532,073	820,081	399,920	48.0	75,048
1909	234,940	158,484	123,449	77.9	40,943	1938	562,969	388,404	197,424	50.8	51,454
1910	222,278	115,644	87,769	75.9	43,586	1939	622,832	556,671	254,095	45.7	66,260
1911	227,657	105,024	70,159	66.8	23,256						
1912	217,302	106,078	59,251	55.9	20,969	Total		10,264,668	6,024,016	58.7	2,168,736

<sup>1</sup> Figures for years prior to fiscal year ending June 30, 1934, are approximate.

<sup>2</sup> July 16, 1883, to Jan. 16, 1884.

<sup>3</sup> Jan. 16, 1884, to Jan. 15, 1885.

<sup>4</sup> Jan. 16, 1885, to Jan. 15, 1886.

<sup>5</sup> Jan. 16, 1886, to June 30, 1887.

No. 169.—CIVIL SERVICE—PERSONS EXAMINED FOR AND APPOINTED TO CERTAIN POSITIONS IN THE POSTAL SERVICE: FISCAL YEARS 1936 TO 1939

TITLE	EXAMINED				APPOINTED			
	1936	1937	1938	1939	1936	1937	1938	1939
Total	271,024	311,661	69,697	57,880	8,323	21,618	9,703	9,638
Clerk-carrier	107,642	245,471	42,074	36,073	4,403	15,583	5,919	6,561
Laborer, Postal Service	5,578	51,394	8,947	851	174	665	624	298
Postmaster, assistant		15				1		
Postmaster, first class				903				28
Postmaster, second class				1,639				32
Postmaster, third class				5,182				239
Postmaster, fourth class	5,559	2,532	3,703	2,173	3,049	2,472	2,447	1,870
Railway postal clerk	145,093	211	78	90	499	2,585	393	277
Rural carrier	6,980	11,532	13,472	10,654	198	193	207	274
Village carrier	172	396	523	315		119	113	59

Source of tables 168 and 169: Civil Service Commission, Annual Report.

No. 170.—CIVIL SERVICE AND CANAL ZONE RETIREMENT: 1921 TO 1939

NOTE.—Retirement for civil service employees was established by act of May 22, 1920. Under this act as amended July 3, 1926, and May 26, 1930 (effective July 1, 1930), employees of the classified service and certain other groups, including unclassified laborers subject to labor regulations, are eligible for retirement on annuity at the ages of 62, 65, and 70, according to the class of service, if they have rendered at least 15 years of service. The last-named act permits the optional retirement of employees 2 years before reaching the retirement age where they have rendered at least 30 years of service and also permits retirement on account of permanent and total disability after 5 years of service. From the basic compensation of each employee within the scope of the acts there is deducted 3½ percent (2½ prior to July 1, 1926) thereof for deposit to the credit of the retirement fund. All amounts deducted prior to July 1, 1930, and thereafter amounts deducted less \$1 per month are credited to the employee's individual account. Under the amendment of May 26, 1930, annuities are composed of (1) a sum equal to \$50 for each year of service not exceeding 30 (provided it does not exceed three-fourths of average salary for any five consecutive years), and (2) the amount of annuity purchasable with the sum credited to the individual's account, together with interest at 4 percent per annum, with the provision that the annuity shall in no case be less than an amount equal to the average salary, not to exceed \$1,000 per annum, received during any five consecutive years, multiplied by the number of years of service, not exceeding 30, and divided by 40. By act of Mar. 2, 1931 (effective July 1, 1931), special provision was made for employees of the Panama Canal and Panama Canal Railroad, who theretofore had been eligible for retirement under the civil service retirement and disability act.

JUNE 30 OR YEAR ENDED JUNE 30—	NUMBER ON CIVIL SERVICE RETIREMENT ROLL BY CAUSE OF RETIREMENT						CIVIL SERVICE RETIREMENT AND DISABILITY FUND (THOUSANDS OF DOLLARS)						
	Total	Age <sup>1</sup>	Disability	Involuntary, less than 30 years' service <sup>1</sup>		30 years' service	Receipts			Disbursements			Balance in fund June 30
				Voluntary separation	Involuntary separation		Total <sup>2</sup>	Salary deductions	Appropriations	Total <sup>3</sup>	Annuities	Re-funds and interest <sup>4</sup>	
1921-26							99,269	91,919	-----	44,808	30,443	14,333	-----
1927	14,119	11,353	2,766	-----	-----	-----	27,168	24,366	-----	13,395	9,593	3,802	68,235
1928	15,383	12,173	3,210	-----	-----	-----	29,503	26,455	-----	14,752	10,990	3,771	82,985
1929	16,501	12,924	3,577	-----	-----	-----	52,520	28,123	19,950	16,063	12,005	4,067	118,442
1930	17,768	12,504	3,994	1,270	-----	-----	55,447	29,048	20,500	18,126	13,108	5,049	156,763
1931	22,650	16,357	4,947	1,374	972	-----	58,277	29,944	21,000	23,992	19,860	4,160	191,047
1932	25,567	16,600	5,973	1,404	1,590	-----	61,479	31,890	21,000	28,938	23,546	3,924	223,588
1933	32,835	21,613	7,281	1,539	2,402	-----	61,246	30,494	21,000	34,838	30,048	4,789	240,907
1934	44,708	22,969	8,941	1,861	3,944	6,993	60,222	28,703	21,000	47,657	39,621	8,036	262,562
1935	48,065	23,863	9,836	1,997	4,310	8,609	61,912	30,089	21,000	62,744	46,971	5,773	271,730
1936	51,206	24,603	10,877	1,958	4,610	9,118	84,268	32,405	40,150	65,709	60,243	6,466	299,280
1937	53,306	25,391	12,044	2,021	4,961	8,889	94,203	34,990	46,200	69,132	61,901	7,228	334,360
1938	56,130	26,070	13,340	2,050	5,401	8,069	127,193	37,322	73,235	62,476	64,153	8,322	399,077
1939	58,385	27,709	14,315	2,029	5,806	8,436	133,497	30,189	75,087	63,818	66,531	7,287	468,755
Total..	-----	-----	-----	-----	-----	-----	1,006,203	494,928	380,122	537,448	449,018	87,070	-----

	1938	1939		1938	1939
CIVIL SERVICE RETIREMENT			CIVIL SERVICE RETIREMENT—CON.		
Number on the roll June 30 by—			Number on the roll June 30 by—		
Sex and cause of retirement—			Rates per annum—		
Male	50,398	52,216	Less than \$100	3	2
Age	24,888	25,828	\$100-199	122	131
Disability	10,524	11,191	\$200-299	716	753
Voluntary, 30 years' service	5,078	5,551	\$300-399	1,303	1,361
Involuntary, 30 years' service	8,130	7,909	\$400-499	1,971	2,034
Involuntary, less than 30 years' service	1,778	1,737	\$500-599	3,238	3,290
Female	5,732	6,169	\$600-699	4,372	4,556
Age	1,782	1,881	\$700-799	3,269	3,572
Disability	2,816	3,124	\$800-899	3,003	3,348
Voluntary, 30 years' service	323	345	\$900-999	3,537	3,639
Involuntary, 30 years' service	539	527	\$1,000-\$1,099	4,092	4,149
Involuntary, less than 30 years' service	272	292	\$1,100-\$1,199	11,129	10,436
Vocations—			\$1,200	18,578	20,198
Mechanics	12,156	11,012	\$1,201-\$1,299	672	865
City letter carriers	8,740	8,955	\$1,300-\$1,399	22	31
Rural letter carriers	9,516	9,930	\$1,400-\$1,499	11	14
Post-office clerks	6,001	6,984	\$1,500-\$1,599	2	4
Railway postal clerks	4,048	4,215	\$1,600-\$1,699	-----	2
Departmental	10,989	11,489	Average annual rate (dollars)	978	978
Laborers	2,641	4,394	Annual value of roll (1,000 dolls.)	54,887	57,074
Hazardous occupations	884	1,034	CANAL ZONE RETIREMENT		
Indian field service	555	672	Number on roll June 30	507	578
			Average annuity (dollars)	1,346	1,343
			Disbursements for annuities, years ended June 30 (1,000 dollars)	670	755

<sup>1</sup> Involuntary separation included with separation on account of age prior to 1930.  
<sup>2</sup> Includes receipts from interest, not shown separately.  
<sup>3</sup> Includes direct settlements, adjustments for canceled checks, etc., not shown separately, in the amount of \$1,359,000 on June 30, 1939.  
<sup>4</sup> Lump-sum payments of total amounts in fund to credit of employees or beneficiaries.  
 Source: Civil Service Commission, Retirement Report.



**No. 171.—INJURIES TO CIVIL EMPLOYEES OF THE UNITED STATES AND CLAIMS RECEIVED UNDER U. S. EMPLOYEES' ACT: SEPT. 7, 1916, TO DEC. 31, 1939**

**NOTE.**—The U. S. Employees' Compensation Commission, created by act of Sept. 7, 1916, is charged with the duty of administering the law providing compensation for civil employees of the United States who suffer personal injury while in the performance of official duties. This table does not include data for Civilian Conservation Corps enrollees or for persons employed as civil employees of the United States on work relief projects financed through funds provided by the several Federal emergency relief appropriations, excepting those administrative employees who are eligible for benefits under the act of 1916

PERIOD COVERED	INJURIES REPORTED				CLAIMS RECEIVED FOR DISABILITY AND DEATH			
	Nonfatal	Fatal	Total	Percent change from previous year	Disability	Death	Total	Percent change from previous year
Sept. 7, 1916, to Dec. 31, 1917— Year ending Dec. 31—	15, 881	245	16, 076	-----	6, 429	227	6, 656	-----
1918	23, 448	670	24, 118	+50. 00	12, 183	438	12, 621	+89. 60
1919	25, 203	610	25, 813	+7. 00	13, 425	499	13, 924	+10. 30
1920	19, 557	523	20, 080	-22. 21	10, 505	427	10, 932	-21. 50
1921	18, 028	302	18, 390	-8. 40	7, 857	310	8, 167	-25. 30
1922	17, 905	354	18, 259	-7. 1	6, 804	282	7, 086	-13. 20
1923	17, 713	279	17, 992	-1. 46	6, 466	236	6, 702	-5. 40
1924	20, 260	278	20, 538	+14. 15	6, 890	224	7, 114	+6. 15
1925	20, 377	314	20, 691	+74	6, 987	274	7, 261	+2. 07
1926	19, 208	319	19, 527	-5. 63	6, 830	274	7, 104	-2. 10
1927	20, 190	357	20, 547	+5. 22	7, 272	285	7, 557	+6. 38
1928	21, 886	303	22, 189	+7. 99	7, 928	259	8, 187	+8. 34
1929	25, 376	314	25, 690	+15. 78	9, 074	263	9, 337	+14. 05
1930	25, 775	294	26, 069	+1. 48	9, 077	206	9, 283	-58
1931	28, 176	262	28, 438	+9. 09	9, 240	168	9, 408	+1. 35
1932	25, 117	231	25, 348	-10. 87	7, 639	190	7, 829	-16. 78
1933	24, 920	230	25, 150	-78	7, 226	188	7, 414	-5. 30
1934	34, 121	292	34, 413	+36. 83	10, 124	238	10, 362	+39. 76
1935	32, 822	307	33, 120	-3. 73	8, 070	250	8, 320	-13. 92
1936	38, 119	391	38, 510	+16. 24	7, 711	313	8, 024	-10. 04
1937	37, 864	329	37, 093	-2. 12	6, 764	200	7, 014	-12. 59
1938	38, 069	302	38, 371	+1. 80	6, 101	222	6, 323	-9. 85
1939	42, 939	269	43, 208	+12. 61	6, 638	197	6, 835	+8. 10

**No. 172.—INJURIES TO CIVIL EMPLOYEES OF THE UNITED STATES, BY DEPARTMENTS AND INDEPENDENT OFFICES: 1939**

**NOTE.**—See headnote, table 171

DEPARTMENT OR INDEPENDENT OFFICE	Number	DEPARTMENT OR INDEPENDENT OFFICE	Number
<b>Total</b> .....	<b>43, 208</b>	Federal Communications Commission.....	3
War.....	7, 898	Federal Loan Agency.....	316
Navy.....	2, 240	Federal Security Agency.....	347
Post Office.....	13, 313	Federal Works Agency.....	1, 810
Interior.....	3, 929	Government of the District of Columbia.....	516
Treasury.....	2, 121	Government Printing Office.....	41
Commerce.....	632	International Boundary Commission.....	224
Agriculture.....	7, 532	Legislative offices, miscellaneous.....	21
Justice.....	194	Nat'l Adv. Com. for Aeronautics.....	17
Labor.....	134	Securities and Exchange Commission.....	22
State.....	18	Tennessee Valley Authority.....	893
Architect of the Capitol.....	34	U. S. Maritime Commission.....	102
Farm Credit Administration.....	72	Veterans' Administration.....	767
		All other groups.....	481

Source of tables 171 and 172: U. S. Employees' Compensation Commission, Annual Report.

No. 173.—POPULAR VOTE FOR PRESIDENTIAL ELECTORS, BY CHIEF POLITICAL PARTIES, 1888 TO 1936, AND BY STATES, 1936

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; 1936, Union. 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	Total <sup>1</sup>	Republican	Democrat	Socialist and Socialist-Labor	Miscellaneous independent <sup>2</sup>	Prohibition	Communist
1888	11,381,408	5,444,337	5,540,050		146,897	250,124	
1892	12,048,603	5,190,802	5,554,414		1,027,329	271,058	
1896	13,813,243	7,035,038	6,407,046	86,454	131,529	141,070	
1900	13,904,518	7,219,530	6,358,071	127,519	50,232	209,190	
1904	18,523,519	7,628,834	5,084,491	436,184	114,753	259,267	
1908	14,837,133	7,070,006	6,400,106	434,645	111,693	252,683	
1912	15,031,169	3,483,922	0,286,214	926,090	4,120,020	208,923	
1916	18,528,743	8,598,221	9,129,606	508,516	41,894	220,506	
1920	26,705,346	10,152,200	9,147,353	950,974	265,411	189,408	
1924	29,058,647	15,725,003	8,385,586	427,650	4,826,471	57,551	36,388
1928	36,879,414	21,392,190	15,019,443	239,023	6,300	20,106	48,770
1932	39,810,522	15,761,841	22,821,857	018,057	7,309	81,869	102,901
1936	45,047,117	16,079,583	27,470,673	200,522	882,470	37,661	80,159
Alabama	275,744	35,358	238,196	242	551	710	678
Arizona	124,163	33,433	86,722	317	3,307	384	
Arkansas	179,423	32,039	140,765	440	4		169
California	2,038,882	830,431	1,760,836	11,331		12,917	10,877
Colorado	488,676	181,267	295,021	1,929	9,922		497
Connecticut	690,783	278,685	382,189	6,911	21,806		1,193
Delaware	127,603	54,014	69,702	172	442		51
Florida	327,368	78,248	249,117				
Georgia	293,178	36,942	255,364	68	141	663	
Idaho	199,256	66,256	125,083		7,684		
Illinois	3,950,522	1,670,393	2,282,999	9,451	89,439	3,430	801
Indiana	1,850,897	691,570	934,974	1,850	19,407		1,090
Iowa	1,142,733	487,977	621,756	1,625	29,687	1,182	506
Kansas	865,013	397,727	464,520	2,706			
Kentucky	926,206	369,702	541,944	926	12,501	929	204
Louisiana	320,778	36,791	292,894				
Maine	304,240	168,823	126,333	912	7,581	334	257
Maryland	624,896	231,435	389,612	2,934			915
Massachusetts	1,840,357	708,613	942,716	6,416	118,639	1,032	2,030
Michigan	1,805,093	699,733	1,016,704	8,808	75,795	879	3,384
Minnesota	1,120,975	350,461	698,811	3,839	74,296		2,674
Mississippi	162,090	4,443	157,318				
Missouri	1,828,635	697,891	1,111,043	3,746	14,630	908	417
Montana	230,512	63,598	160,600	1,066	5,549	224	386
Nbraska	408,032	247,731	347,454		12,847		
Nevada	43,848	11,923	31,925				
New Hampshire	218,114	104,642	108,460		4,819		193
New Jersey	10 1,820,437	720,322	1,083,850	4,293		926	1,630
New Mexico	168,920	61,710	105,838	343	924	62	43
New York	11 5,596,398	2,180,670	3,018,298	86,897			35,000
North Carolina	839,462	223,283	610,141	21			11
North Dakota	273,716	72,751	163,148	552	36,708	197	380
Ohio	3,912,425	1,127,709	1,747,122	1,331	132,212		5,251
Oklahoma	749,740	245,122	601,069	2,221	21,812	1,328	
Oregon	414,021	122,706	266,733	2,643	21,831	4	104
Pennsylvania	4,138,106	1,690,300	2,353,788	15,799	12 67,467	6,691	4,080
Rhode Island	311,149	125,012	165,233	924	19,569		411
South Carolina	115,437	1,046	113,791				
South Dakota	296,452	125,977	160,137		13 10,338		
Tennessee	476,631	146,516	327,083	685	296	632	319
Texas	843,482	103,374	734,486	1,075	3,281	514	253
Utah	216,677	64,555	150,240	432	1,121	43	230
Vermont	143,089	81,023	62,124				405
Virginia	354,690	98,536	234,980	349	233	594	98
Washington	692,338	206,892	459,679	3,858	17,463	1,041	1,907
West Virginia	830,073	325,485	502,582	832		1,173	
Wisconsin	1,253,712	380,828	802,984	11,183	60,297	1,071	2,187
Wyoming	103,382	38,739	62,624	200	1,653	75	91

<sup>1</sup> Figures prior to 1928 do not include votes cast for names not appearing on the electoral tickets specified in the table. In 1928 to 1936, the totals include miscellaneous and scattering ballots, insofar as they were reported by the States.

<sup>2</sup> See headnote. <sup>3</sup> Democrat-Populist.  
<sup>4</sup> 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.  
<sup>5</sup> Workers. <sup>6</sup> Includes 3,222 Independent Republican votes.  
<sup>7</sup> Third party (Lemke). <sup>8</sup> Commonwealth votes for Colvin.  
<sup>9</sup> Includes 961 Industrial votes. <sup>10</sup> Includes 9,407 National Union for Social Justice votes.  
<sup>11</sup> Includes 274,924 American Labor votes. <sup>12</sup> Royal Oak (Lemke). <sup>13</sup> Independent (Lemke).

Sources: 1888-1920, reports of State officials on file in the Department of State; 1924 to 1936, data compiled by Clerk of the House of Representatives.

NO. 174.—ELECTORAL VOTE FOR PRESIDENT, BY CHIEF POLITICAL PARTIES  
AND BY STATES: 1916 TO 1936

STATE	1916		1920		1924		1928		1932		1936	
	Republican	Democratic	Republican	Democratic	Republican	Democratic	Republican	Democratic	Republican	Democratic	Republican	Democratic
Total.....	254	277	404	127	382	136	444	87	59	472	8	523
Plurality.....		23	277		240		357			413		515
Alabama.....		12		12		12		12		11		11
Arizona.....		3		3		3		3		3		3
Arkansas.....		9		9		9		9		9		9
California.....		18		18		18		18		22		22
Colorado.....		6		6		6		6		6		6
Connecticut.....	7		7		7		7		8			8
Delaware.....	3		3		3		3		3			3
Florida.....		6		6		6		6		7		7
Georgia.....		14		14		14		14		12		12
Idaho.....		4		4		4		4		4		4
Illinois.....	29		29		29		29		29			29
Indiana.....	15		15		15		15		14			14
Iowa.....	13		13		13		13		11			11
Kansas.....		10		10		10		10		9		9
Kentucky.....		18		18		18		18		11		11
Louisiana.....		10		10		10		10		10		10
Maine.....	6		6		6		6		5		5	5
Maryland.....		8		8		8		8		8		8
Massachusetts.....	18		18		18		18		18			17
Michigan.....	15		15		15		15		11			19
Minnesota.....	12		12		12		12		11			11
Mississippi.....		10		10		10		10		9		9
Missouri.....		18		18		18		18		15		15
Montana.....		4		4		4		4		4		4
Nebraska.....		8		8		8		8		7		7
Nevada.....		3		3		3		3		3		3
New Hampshire.....		4		4		4		4		4		4
New Jersey.....	14		14		14		14		4		16	16
New Mexico.....		3		3		3		3		3		3
New York.....	45		45		45		45		47			47
North Carolina.....		12		12		12		12		13		13
North Dakota.....		5		5		5		5		4		4
Ohio.....		24		24		24		24		26		26
Oklahoma.....		10		10		10		10		11		11
Oregon.....		5		5		5		5		5		5
Pennsylvania.....	38		38		38		38		36			36
Rhode Island.....		5		5		5		5		4		4
South Carolina.....		9		9		9		9		8		8
South Dakota.....		5		5		5		5		4		4
Tennessee.....		12		12		12		12		11		11
Texas.....		20		20		20		20		23		23
Utah.....		4		4		4		4		4		4
Vermont.....		4		4		4		4		4		4
Virginia.....		12		12		12		12		11		11
Washington.....		7		7		7		7		8		8
West Virginia.....		1		1		1		1		1		1
Wisconsin.....	13		13		(1)	(1)		13		12		12
Wyoming.....		3		3		3		3		3		3

<sup>1</sup> Electoral votes of Wisconsin cast for La Follette and Wheeler, Independent Progressive candidates.

Sources: 1916 and 1920, Journal of the Senate, Washington, D. C.; 1924, 1928, 1932, and 1936, compilation made by Clerk of House of Representatives.

No. 175.—APPORTIONMENT OF CONGRESSIONAL REPRESENTATION, BY STATES,  
FROM ADOPTION OF CONSTITUTION TO 1930

NOTE.—The ratios for 1870 and subsequent years indicate the numbers of inhabitants per member of the House of Representatives, as provided for by the several apportionment acts. The ratio for each year prior to 1870 was based on a total made up of (a) the number of free persons, excluding Indians not taxed, and (b) three-fifths of the number of slaves

STATE	Constitution	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930
	Ratios under Constitution and apportionment acts														
	30,000*	33,000	33,000	35,000	40,000	47,700	70,680	93,423	127,881	131,426	151,911	173,901	194,162	211,877	279,712
Number of Representatives															
Total	65	108	142	186	213	242	232	237	243	293	392	367	391	435	436
Alabama				4	3	5	7	7	6	8	8	9	9	10	9
Arizona														8	7
Arkansas					4	1	2	3	4	5	6	7	7	7	7
California							2	2	3	4	6	7	8	11	20
Colorado										4	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							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	2	2
Illinois				4	1	3	7	9	14	19	20	22	25	27	27
Indiana				4	1	3	7	10	11	11	13	13	13	13	12
Iowa							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	4	4	5	6	6	6	7	8	8
Maine				4	7	7	8	7	6	5	5	4	4	4	3
Maryland	6	8	9	9	8	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	17
Minnesota								2	2	3	5	7	9	10	9
Mississippi				4	1	2	4	5	5	6	7	7	8	8	8
Missouri						2	6	7	9	13	14	15	16	16	13
Montana										4	1	1	1	2	2
Nebraska									4	1	3	6	6	6	5
Nevada									4	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														4	1
New York	6	10	17	27	34	40	34	33	31	33	34	34	37	43	46
North Carolina	5	10	12	13	13	13	9	8	7	8	9	9	10	10	11
North Dakota											4	1	1	2	2
Ohio			4	6	14	19	21	21	19	20	21	21	21	22	24
Oklahoma														4	9
Oregon								4	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	3	6	9	13	11	10	8	10	10	10	10	10	9
Texas							2	2	4	6	11	12	16	18	21
Utah													4	1	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	3	5	6
West Virginia									3	4	4	5	6	6	6
Wisconsin						2	3	6	8	9	10	11	11	10	10
Wyoming										4	1	1	1	1	1

\* Number of Representatives not to exceed 1 for each 30,000 inhabitants.  
 1 Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L. 25). See note 4.  
 2 Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L. 353). See note 4.  
 3 Membership originally fixed at 283 but increased to 292 by act of May 30, 1872 (17 Stat. L. 192). One Member assigned to Colorado after apportionment.  
 4 Assigned after apportionment.  
 5 Included in apportionment act in anticipation of Statehood.  
 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: Department of Commerce, Bureau of the Census; Thirteenth Census Reports, Population, Volume I, and special report on Apportionment of Representatives in Congress, 1930.

# 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 3 of these bases and also on the basis of checks issued. Figures in the daily Treasury statements (unrevised) which are on a current cash basis are compiled from the latest daily reports from the Treasury offices or public depositories. Owing to the distance of some of these offices and depositories from the Treasury, reports from them are somewhat delayed in reaching the Treasury, and consequently it is necessary to issue the unrevised Treasury statements before they are received. The figures for actual transactions during a month or year which are calculated to take into account these delayed reports are said to be on a basis of daily Treasury statements (revised). The unrevised figures are the basis of the Budget estimates submitted to Congress by the President.

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

Expenditures on the basis of checks issued (table 179) represent most accurately the actual expenditures during any given year. They differ from expenditures shown by daily Treasury statements (revised), because they include checks outstanding at the end of the year and exclude unpaid checks at the beginning of the year.

Government transactions are classified according to the accounts through which they are effected. The three classes of accounts are: General fund accounts, which include the general revenues and from which the operating expenses of the Government, including capital outlays and fixed charges, are paid under appropriations by Congress; special fund accounts, or funds received under special authorizations of law which are earmarked for some specific purpose; and trust fund accounts, representing money received and held in trust for the benefit of individuals or classes of individuals. The latter are not strictly Government moneys and are shown separately in all tables except No. 177. (See headnote of that table.)

All figures for receipts and expenditures include postal surpluses or deficiencies only; postal revenues other than surplus receipts and postal expenditures payable from postal revenues are shown in table 177

## No. 176.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT, BY CLASS OF ACCOUNTS: 1939 AND 1940

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

YEAR ENDED JUNE 30 AND MONTH	RECEIPTS, GENERAL AND SPECIAL ACCOUNTS					EXPENDITURES, GENERAL AND SPECIAL ACCOUNTS					TRUST ACCOUNTS, INCREMENT ON GOLD, ETC.	
	Total	Customs	Internal revenue		Miscellaneous receipts	Total	General, including recovery and relief	Revolving funds (net)	Transfers to trust accounts	Debt retirements	Receipts	Expenditures
			Income tax	Other								
1939	5,667.8	318.8	2,188.8	2,972.5	187.8	9,268.3	8,432.4	92.5	685.2	58.2	1,917.4	1,033.1
1940	5,924.8	348.6	2,125.3	3,177.8	273.1	9,666.1	8,736.4	53.9	746.6	129.2	2,077.5	1,941.0
1939												
July	307.8	25.5	42.2	222.8	17.3	807.3	639.2	.9	167.1	.1	236.6	349.9
Aug.	420.0	27.2	38.0	338.3	18.5	822.0	745.3	10.7	66.1		240.4	284.4
Sept.	718.8	35.6	329.0	338.1	16.0	793.3	728.8	5.3	59.2	0.1	87.7	42.2
Oct.	321.5	32.4	37.7	233.9	17.5	764.5	701.9	8.8	53.0	.8	135.5	136.1
Nov.	407.0	29.0	34.1	329.8	23.0	691.0	632.6	5.1	53.0	.4	216.7	150.8
Dec.	569.1	27.8	319.1	198.8	23.4	889.3	822.9	1.5	58.0	6.0	107.6	123.1
1940												
Jan.	314.5	35.8	45.3	212.6	20.8	713.0	713.2	4.0	15.0	.8	113.7	77.2
Feb.	443.8	25.7	62.7	332.0	25.5	693.4	654.2	3.8	10.0	.4	184.2	148.2
Mar.	934.2	28.7	665.5	220.0	19.1	1,095.4	816.0	5.6	134.8	50.0	193.6	182.2
Apr.	304.2	26.5	47.6	214.2	16.0	792.3	757.0	6.0	20.0	9.3	104.7	47.1
May	399.6	26.3	40.2	316.3	16.8	645.8	642.3	1.0	3.5	2.0	168.5	251.8
June	784.2	28.1	463.8	231.1	61.2	1,069.8	883.1	3.4	135.9	47.4	288.3	348.8

<sup>1</sup> Excess of credits; deduct.

Source: Treasury Department, Daily Statement of the United States Treasury.

No. 177.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT: 1789 to 1940

NOTE.—In thousands of dollars. Figures prior to 1916 are on the basis of warrants issued (not); thereafter on the basis of daily Treasury statements (unrevised) except as noted. General, special, and trust accounts are included for 1789 to 1930; trust and related accounts (increment on gold, etc.) are excluded beginning with 1931. For explanation of bases used and of accounts, see general note, p. 166. Expenditures from trust funds, etc., are shown for 1935 to 1939 in table 178

YEARLY AVERAGE OR YEAR ENDED JUNE 30—	ORDINARY RECEIPTS						Surplus (+) or deficit (—) ordinary receipts compared with expenditures chargeable against them <sup>1</sup>	Postal revenues, excluding surplus postal receipts <sup>2</sup>	Postal expenditures, excluding postal deficiencies <sup>3</sup>	
	Total <sup>4</sup>	Customs <sup>5</sup>	Internal revenue		Sales of public lands <sup>6</sup>	Surplus postal receipts <sup>7</sup>				Miscellaneous receipts <sup>8</sup>
			Income and profits tax	Miscellaneous						
1789-1800 <sup>4</sup>	5,717	5,020		\$ 375	0	\$ 30	283	-59	117	108
1801-1810 <sup>7</sup>	13,056	12,046		201	457	22	330	+3,970	403	390
1811-1820 <sup>7</sup>	21,032	16,383		1,545	1,624	51	1,430	-2,911	862	823
1821-1830 <sup>7</sup>	21,923	19,852		32	1,388	( <sup>9</sup> )	950	+5,761	1,400	1,415
1831-1840 <sup>7</sup>	30,461	20,470		5	7,452	( <sup>9</sup> )	2,533	+5,966	3,347	3,272
1841-1850 <sup>7</sup>	28,545	25,649		1	2,085		800	-5,553	4,622	4,590
1851-1860 <sup>7</sup>	60,237	64,498			5,583		1,157	+74	6,798	6,947
1861-1865 <sup>7</sup>	160,907	68,849			5,555		10,994	-522,878	10,061	10,357
1866-1870 <sup>7</sup>	447,301	178,903	\$ 28,005	\$ 54,566	171,316	2,110	44,368	-69,059	16,422	17,443
1871-1875 <sup>7</sup>	336,830	186,200	60,004	7,700	112,217	2,223	28,420	-49,370	23,642	23,601
1876-1880 <sup>7</sup>	288,124	146,594	( <sup>9</sup> )	118,697	1,025		23,808	-32,526	29,762	29,253
1881-1885 <sup>7</sup>	368,961	210,593	( <sup>9</sup> )	132,102	6,086		26,790	+109,270	42,011	42,496
1886-1890 <sup>7</sup>	375,448	216,557	10,29	128,683	8,097		24,111	+96,314	62,508	62,120
1891-1895 <sup>7</sup>	352,891	176,851	11,77	150,228	2,660		23,136	-10,708	72,965	74,001
1896-1900 <sup>7</sup>	434,877	185,089		208,628	1,526		41,639	-22,574	90,311	89,226
1901-1905 <sup>7</sup>	550,481	200,117		255,374	5,670		38,321	+23,922	132,823	133,471
1903 <sup>11</sup>	661,881	284,480		230,810	8,926		37,665	+44,875	134,224	136,043
1904 <sup>11</sup>	541,087	261,276		232,904	7,453		39,455	-42,573	143,583	145,938
1905 <sup>11</sup>	544,276	261,799		234,066	4,859		43,621	-23,004	152,827	152,356
1906 <sup>11</sup>	654,924	300,252		249,150	4,880		40,703	+24,782	167,933	165,802
1907 <sup>11</sup>	665,866	332,233		269,637	7,879		60,081	+86,732	183,585	182,048
1908 <sup>11</sup>	601,862	286,118		251,711	9,732		54,306	-57,334	191,479	195,501
1909 <sup>11</sup>	604,326	300,712		246,213	7,701		49,695	-89,423	203,562	201,541
1910 <sup>11</sup>	675,512	333,683	30,952	238,922	6,350		45,639	-18,105	224,129	221,515
1911 <sup>11</sup>	701,833	314,497	33,517	289,012	5,732		59,075	+10,631	237,880	237,661
1912 <sup>11</sup>	692,609	311,822	28,583	298,026	5,303		54,283	+2,728	246,744	246,961
1913 <sup>11</sup>	724,111	318,891	35,006	308,411	2,910		57,893	-401	266,260	261,082
1914 <sup>11</sup>	734,673	362,320	71,381	308,660	2,572	3,800	55,940	-408	284,135	283,545
1915 <sup>11</sup>	697,911	299,737	80,202	335,468	2,167	3,600	66,787	-62,676	283,748	291,948
1916 <sup>11</sup>	782,535	213,186	124,937	337,765	1,898		54,759	+48,478	312,058	300,728
1917 <sup>11</sup>	1,124,325	295,962	359,681	449,685	1,893	5,200	81,903	-853,357	324,520	319,890
1918 <sup>11</sup>	3,664,583	1,078,006	2,314,006	672,028	1,969	48,631	247,950	-9,033,254	295,845	332,028
1919 <sup>11</sup>	5,152,287	184,458	3,018,734	1,208,501	1,405	89,966	501,204	-13,370,638	274,941	302,161
1920 <sup>11</sup>	6,694,555	322,903	3,944,949	1,460,082	1,010	6,213	959,508	+212,476	431,937	418,607
1921 <sup>11</sup>	5,624,933	308,564	3,206,046	1,390,380	1,530		718,412	+1,866,724	463,491	489,506
1922 <sup>11</sup>	4,109,134	356,443	2,068,128	1,145,125	895	81	538,431	+313,802	484,772	481,316
1923 <sup>11</sup>	4,007,135	356,443	2,078,097	945,865	657		820,077	+300,657	632,828	524,309
1924 <sup>11</sup>	4,012,045	345,638	1,842,144	953,013	522		670,728	+505,367	572,949	574,774
1925 <sup>11</sup>	3,780,149	347,561	1,700,538	828,638	624		642,788	+250,505	599,591	616,120
1926 <sup>11</sup>	3,982,756	379,430	1,982,040	855,599	754		544,932	+377,768	659,820	640,236
1927 <sup>11</sup>	4,129,394	605,600	2,224,993	844,422	621		653,859	+635,810	683,122	687,365
1928 <sup>11</sup>	4,042,348	688,986	2,179,663	821,010	355		678,006	+398,828	693,534	693,675
1929 <sup>11</sup>	4,038,250	602,283	2,390,712	607,308	315		492,653	+184,787	606,948	687,709
1930 <sup>11</sup>	4,177,942	587,001	2,410,987	628,308	368		551,250	+189,789	705,484	711,993
1931 <sup>11</sup>	3,189,639	378,354	1,860,304	569,387	230		381,273	-901,959	656,463	656,880
1932 <sup>11</sup>	2,005,725	327,755	1,057,336	503,070	170		116,794	-2,942,051	588,172	590,845
1933 <sup>11</sup>	2,079,697	250,750	746,206	858,218	103		224,420	-2,245,453	587,631	582,620
1934 <sup>11</sup>	3,115,554	313,434	1,897,961 <sup>10</sup>	1,822,642	99		101,417	-3,255,308	586,733	578,794
1935 <sup>11</sup>	3,800,467	343,363	1,016,910 <sup>10</sup>	2,178,571	87		179,337	-3,782,966	630,795	632,693
1936 <sup>11</sup>	4,115,957	356,812	1,426,576 <sup>10</sup>	2,068,276	74		210,219	-4,952,029	665,343	607,621
1937 <sup>11</sup>	5,293,840	486,357 <sup>10</sup>	2,163,414 <sup>10</sup>	2,433,728	71		210,272	-3,252,540	726,201	730,919
1938 <sup>11</sup>	6,241,661	359,187 <sup>10</sup>	2,640,285 <sup>10</sup>	3,034,034	90		208,006	-1,449,020	728,634	728,187
1939 <sup>11</sup>	5,667,824	318,837 <sup>10</sup>	2,188,787 <sup>10</sup>	2,972,404	248		187,517	-3,600,514	745,955	743,410
1940 <sup>11</sup>	5,924,830	348,591 <sup>10</sup>	2,125,325 <sup>10</sup>	3,177,809	( <sup>11</sup> )		273,112	-3,741,240	( <sup>11</sup> )	( <sup>11</sup> )

<sup>1</sup> Surplus or deficit takes into account public debt retirements chargeable against ordinary receipts beginning 1918. See p. 168 for expenditures chargeable against ordinary receipts.  
<sup>2</sup> 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 1939 the 3½ percent salary deductions are included.  
<sup>3</sup> Includes tonnage tax prior to 1932. Beginning 1932, tonnage tax is included in miscellaneous receipts.  
<sup>4</sup> On the basis of warrants issued 1789 to 1930; thereafter, on basis of checks issued.  
<sup>5</sup> Average for period Mar. 4, 1789, to Dec. 31, 1800.  
<sup>6</sup> Averages are for entire period though there were no amounts under these items for certain years.  
<sup>7</sup> Years ended Dec. 31, 1801 to 1842; average for 1841-1850 is for the period Jan. 1, 1841, to June 30, 1850.  
<sup>8</sup> Less than \$500. <sup>9</sup> Average for 1863 to 1865. <sup>10</sup> Average for 1881 and 1884. <sup>11</sup> One year only, 1895.  
<sup>12</sup> See headnote.  
<sup>13</sup> Includes processing tax and for 1937 to 1940, taxes under Social Security Act, and taxes upon carriers and their employees. <sup>14</sup> Includes unjust enrichment tax.  
<sup>15</sup> Sales of public lands included with miscellaneous receipts; postal revenues and expenditures not available.

No. 177.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT: 1789 TO 1940—Continued

YEARLY AVERAGE OR YEAR ENDED JUNE 30—	EXPENDITURES CHARGEABLE AGAINST ORDINARY RECEIPTS (THOUSANDS OF DOLLARS)									Public debt retirements
	Total	Ordinary expenditures							Interest on the public debt	
		Total	Civil and miscellaneous <sup>16</sup>	War Department <sup>16</sup>	Navy Department <sup>16</sup>	Indians <sup>17</sup>	Pensions <sup>18</sup>	Postal deficiencies <sup>17 19</sup>		
1789-1800 <sup>20</sup>	5,770	5,770	820	1,464	21,745	27	82		2,629	
1801-1810 <sup>20</sup>	9,080	9,080	1,871	1,632	1,637	164	79		3,704	
1811-1820 <sup>20</sup>	23,943	23,943	2,589	10,742	4,676	317	741		4,877	
1821-1830 <sup>20</sup>	16,102	16,102	3,145	3,919	3,205	500	1,248		3,950	
1831-1840 <sup>20</sup>	24,495	24,495	5,616	8,321	5,042	2,612	2,572		21,331	
1841-1850 <sup>20</sup>	34,097	34,097	7,844	13,491	7,619	1,458	1,790		1,701	
1851-1860 <sup>20</sup>	60,103	60,103	21,233	15,784	11,997	3,267	1,531	21,195	2,770	
1861-1865	683,785	683,785	25,894	547,753	65,930	3,203	4,858	3,574	34,601	
1866-1870	377,042	377,042	54,525	27,816	28,353	4,488	29,428	2,140	135,441	
1871-1875	287,490	287,490	89,152	40,186	23,327	7,504	30,166	3,502	111,580	
1876-1880	255,598	255,598	56,819	37,170	15,990	5,405	35,051	4,972	100,191	
1881-1885	257,601	257,601	68,256	43,010	15,863	7,328	57,790	1,702	63,742	
1886-1890	279,134	279,134	82,365	40,085	17,872	6,429	82,657	5,690	44,027	
1891-1895	363,599	363,599	97,048	50,326	23,155	10,651	140,186	6,801	20,402	
1896-1900	457,451	457,451	97,171	111,278	48,086	11,832	141,642	9,270	38,164	
1901-1905	535,559	535,559	120,897	133,362	86,287	11,711	140,114	6,339	27,849	
1906	517,006	517,006	133,073	118,690	82,618	12,985	138,426	6,793	28,556	
1907	583,660	583,660	131,357	105,200	102,056	10,438	142,559	7,503	24,646	
1908	597,279	597,279	127,968	120,004	117,550	14,230	141,774	15,065	24,591	
1909	570,202	570,202	131,639	137,326	110,474	12,747	143,035	12,673	24,309	
1910	579,129	579,129	145,642	149,775	97,128	15,164	139,810	7,629	24,481	
1911	659,106	659,106	162,532	175,840	118,037	15,580	153,892	12,888	21,426	
1912	603,744	603,744	187,001	102,847	115,546	15,693	161,710	19,501	21,804	
1913	693,617	693,617	171,581	189,823	123,174	18,504	160,696	8,496	21,343	
1914	691,202	691,202	173,839	107,199	119,938	20,034	157,981	21,311		
1915	689,881	689,881	172,257	184,123	135,592	20,135	153,690	1,588	22,616	
1916	724,512	724,512	169,802	202,129	133,283	20,306	175,085	1,027	22,899	
1917	735,081	735,081	170,530	208,350	130,682	20,215	178,440		22,864	
1918	760,587	760,587	200,633	202,160	141,836	22,130	164,888	6,637	22,903	
1919	734,056	734,056	191,753	183,176	153,854	17,870	169,302	5,500	22,901	
1920	1,977,682	1,977,682	1,144,449	377,941	239,633	30,598	160,318		24,743	
1921	12,697,837	12,696,702	6,143,016	4,869,055	1,278,840	30,888	181,138	2,221	180,743	
1922	18,522,895	18,514,880	6,627,726	9,000,076	2,002,311	34,593	221,615	344	619,210	
1923	6,482,000	6,403,344	2,771,142	1,621,953	736,021	40,517	213,344	115	1,020,262	
1924	5,538,200	5,115,928	1,916,122	1,118,076	650,374	41,471	200,611	130,128	999,145	
1925	3,795,303	3,372,603	1,091,652	457,756	476,775	38,500	252,577	84,340	991,001	
1926	3,697,478	3,294,628	1,166,634	397,051	338,201	45,143	264,148	32,527	1,055,924	
1927	3,506,678	3,048,678	1,131,155	357,017	332,240	46,754	228,262	12,639	940,603	
1928	3,620,643	3,063,105	1,183,882	370,981	346,142	38,755	218,321	23,217	881,807	
1929	3,584,988	3,097,612	1,295,703	364,090	312,743	48,442	207,190	39,506	831,938	
1930	3,493,585	2,974,030	1,204,376	369,114	318,009	36,762	230,556	27,263	737,020	
1931	3,643,520	3,103,265	1,340,703	400,900	331,335	36,991	229,401	32,080	731,764	
1932	3,848,463	3,298,359	1,471,458	425,947	364,562	34,687	229,781	94,700	878,330	
1933	3,994,152	3,440,269	1,597,612	404,854	374,166	32,067	220,609	91,714	659,348	
1934	4,091,598	3,651,510	1,800,641	478,419	354,071	26,770	234,409	145,644	611,560	
1935	4,947,777	4,535,147	2,039,290	477,400	357,618	26,125	232,521	202,876	599,277	
1936	4,325,160	3,863,545	2,000,130	440,305	349,592	29,722	234,990	117,380	689,365	
1937	6,370,947	6,011,083	4,163,844	408,895	297,029	28,373	219,919	378,805	63,970	
1938	7,583,434	7,000,875	4,797,652	489,155	436,448	27,919	378,805	66,039	749,397	
1939	6,068,886	6,665,645	6,254,318	618,919	529,032	28,876	399,066	86,970	820,926	
1940	8,546,380	8,442,409	6,915,914	628,348	556,884	36,033	396,047	41,897	749,397	
1937-22	7,091,287	7,625,322	4,978,321	644,525	596,278	33,373	402,779	44,259	820,281	
1938-22	9,268,338	9,210,092	6,395,880	695,780	672,960	46,964	416,721	41,237	940,540	
1940-22	9,666,086	9,536,901	6,656,311	907,160	891,625	(2 <sup>a</sup> )	(2 <sup>a</sup> )	40,870	1,040,936	

<sup>16</sup> Civil expenditures under War and Navy Departments at Washington are included in "Civil and miscellaneous" prior to 1916, thereafter under the War and Navy Departments, respectively. War Department includes expenditures for rivers and harbors and Panama Canal.

<sup>17</sup> Figures for Indians and Panama from 1789 to 1922 for postal deficiencies, are on the basis of warrants issued.

<sup>18</sup> On basis of warrants issued from 1789 to 1930, inclusive; 1931 and subsequent years on basis of checks issued. Includes only Army and Navy pensions for service prior to World War, and fees of examining surgeons in Pension Bureau, and is exclusive of payments made by the War Risk Insurance Bureau and Veterans' Bureau to veterans of the World War, and salaries under Bureau of Pensions, which are included in civil and miscellaneous expenditures.

<sup>19</sup> Exclusive of amounts transferred to civil-service retirement and disability fund.

<sup>20</sup> See notes on corresponding periods, p. 167.

<sup>21</sup> See note 6, p. 167.

<sup>22</sup> See headnote, p. 167.

<sup>23</sup> Includes \$22,607,000, representing 1 year's interest on bonds issued to U. S. Government Life Insurance Fund.

<sup>24</sup> Included in miscellaneous.

Source: Treasury Department, Annual Report of the Secretary; figures published currently in "Daily Statement of the U. S. Treasury."

No. 178.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT, BY MAJOR CLASSIFICATIONS: 1935 TO 1939

NOTE.—In thousands of dollars. Figures are for years ended June 30. They are on the basis of daily Treasury statements (unrevised). See general note, p. 168

	1935	1936	1937	1938	1939
<b>GENERAL AND SPECIAL ACCOUNTS</b>					
Receipts, total.....	3,800,487	4,115,957	5,293,840	6,241,661	5,667,624
<b>Internal revenue</b> .....	3,277,690	3,512,852	4,597,140	5,674,318	5,161,221
Income tax.....	1,099,119	1,426,575	2,137,527	2,634,618	2,182,300
Unjust enrichment tax.....			5,887	5,667	6,457
Taxes under Social Security Act.....			262,101	604,449	631,224
Taxes upon carriers and their employees.....		(1)	345	150,132	100,267
Processing tax on farm products.....	521,380	76,649			
Miscellaneous internal revenue.....	1,667,192	2,009,627	2,181,218	2,279,453	2,231,983
Customs.....	343,353	366,812	486,357	569,187	318,837
Principal and interest—foreign obligations.....	668	547	591	588	500
Proceeds of other Government-owned securities.....	38,106	90,361	68,259	64,965	58,402
Panama Canal tolls, etc.....	24,704	25,900	25,371	25,108	24,834
Seigniorage.....	58,035	39,267	48,912	35,008	22,759
Other miscellaneous receipts.....	57,911	60,219	67,211	81,891	81,270
General expenditures, total.....	3,926,007	3,899,328	4,297,089	4,660,648	5,327,740
<b>Departmental, total</b> .....	355,993	429,105	503,615	559,598	644,992
Legislative establishment.....	19,624	21,510	23,077	25,780	21,944
Executive proper.....	458	425	502	479	447
State Department.....	15,861	16,816	17,690	19,327	19,145
Treasury Department.....	121,803	132,289	147,440	152,075	159,755
War Department (nonmilitary) <sup>1</sup> .....	2,128	1,486	3,214	2,965	3,370
Department of Justice.....	32,279	37,842	38,686	42,039	43,366
Post Office Department.....	<sup>1</sup> 14	<sup>5</sup> 178	<sup>2</sup> 622	2,900	<sup>5</sup> 1,669
Department of the Interior.....	55,211	60,081	86,908	98,878	118,524
Department of Agriculture.....	62,037	76,749	101,266	112,774	126,402
Department of Commerce.....	32,316	35,134	36,178	41,178	34,697
Department of Labor.....	13,012	15,254	15,836	18,102	18,845
Shipping Board.....	<sup>6</sup> 21,348	<sup>6</sup> 12,109	<sup>6</sup> 1,007	2,973	(1)
United States Maritime Commission.....			<sup>6</sup> 1,007	<sup>6</sup> 1,049	43,567
Civil Aeronautics Authority.....					13,519
Independent offices and commissions.....	29,473	40,195	43,434	41,583	47,626
Unclassified items.....	<sup>6</sup> 490	2,068	<sup>6</sup> 1,183	47	42
Adjustment for checks outstanding.....	-6,416	-4,468	-733	-1,438	-4,709
Public buildings <sup>2</sup> .....	25,269	15,045	33,990	60,818	45,125
Public highways <sup>2</sup> .....		28,800	89,703	162,037	176,787
River and harbor work and flood control <sup>2</sup> .....	55,119	71,399	140,479	164,995	185,672
Reclamation projects <sup>2, 6</sup> .....		13,889	5,207	39,908	50,096
Rural Electrification Administration.....			940	10,628	36,991
Panama Canal <sup>2</sup> .....	8,706	11,448	11,917	11,361	9,802
Postal deficiency (current).....	63,970	86,039	48,322	43,407	41,190
Postal deficiency (prior years).....			<sup>6</sup> 7,425	<sup>6</sup> 851	<sup>6</sup> 38
Railroad Retirement Board.....		270	5,479	<sup>5</sup> 1,372	3,345
Social Security Act <sup>2</sup> .....		28,445	182,759	291,453	341,621
United States Housing Authority <sup>2</sup> .....				165	8,417
District of Columbia (United States share) <sup>2</sup> .....	4,539	5,708	5,000	5,000	5,000
National defense: <sup>3</sup>					
Army <sup>4</sup> .....	212,187	373,015	369,028	404,702	441,213
Navy.....	321,411	391,424	<sup>10</sup> 497,084	569,455	633,389
Veterans' Administration <sup>5</sup> .....	555,573	675,982	580,235	581,765	551,914
Agricultural Adjustment program.....	711,819	532,524	527,061	361,650	788,597
Farm Tenant Act.....				3,052	26,634
Civilian Conservation Corps <sup>2</sup> .....			321,131	324,980	289,831
Farm Credit Administration <sup>2</sup> .....	12,979	11,551	27,272	8,155	4,574
Tennessee Valley Authority <sup>2</sup> .....		21,017	<sup>10</sup> 41,995	42,002	40,807
Interest on the public debt.....	820,926	749,397	866,384	926,281	940,540
Refunds of receipts:					
Customs.....	20,716	14,085	16,549	16,156	16,679
Internal revenue.....	24,532	30,100	32,849	32,792	39,177
Processing tax on farm products.....	31,208	10,082	6,510	10,233	12,005
To States of taxes collected under the Social Security Act.....				40,562	

<sup>1</sup> Less than \$500.      <sup>2</sup> Included in "Miscellaneous internal revenue."  
<sup>3</sup> Additional expenditures are included under "Recovery and relief" or "Revolving funds (net)."  
<sup>4</sup> Expenditures for 1936 include adjustments in classification of repayments to appropriations deposited by Army disbursing officers in 1934 and 1935, as follows: Increase—National defense, Army (general expenditures), \$65,582,000. Decrease: General expenditures—War Department, nonmilitary, \$607,000. Recovery and relief—Civilian Conservation Corps, \$50,790,000; public works, all other, for War Department, nonmilitary, \$640,000; public works, national defense, Army, \$13,072,000. Trust accounts—Other, \$478,000.  
<sup>5</sup> Excess of credits, deduct.  
<sup>6</sup> Boulder Canyon project only, for 1937, other reclamation projects included in "Departmental—Department of the Interior."  
<sup>7</sup> Represents repayments of funds by Post Office Department of grants for fiscal years 1925 to 1933.  
<sup>8</sup> Represents payments and repayments on account of adjustment of grants for prior years.  
<sup>9</sup> Administrative expenses and grants to States.  
<sup>10</sup> Compensating differences in the amount of \$1,000 between these classifications and figures shown in Daily Treasury Statement for June 30, 1937.



NO. 178.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT, BY  
MAJOR CLASSIFICATIONS: 1935 to 1939—Continued

[In thousands of dollars. Figures are for years ended June 30]

	1935	1936	1937	1938	1939
<b>GENERAL AND SPECIAL ACCOUNTS—continued</b>					
Recovery and relief expenditures, total.....	3,368,530	3,441,164	3,075,363	2,237,564	3,104,668
<b>Agricultural aid:</b>					
Federal Farm Mortgage Corporation.....				5,727	7,819
Federal land banks.....	48,047	60,487	64,181	69,828	42,382
Commodity Credit Corporation.....	136	96,852	24	94,352	108
<b>Relief:</b>					
Federal Emergency Relief Administration <sup>11 12</sup> .....	1,820,994	495,592	12,401	4,369	1,060
Civil Works Administration.....	11,327	676	297	222	222
Civilian Conservation Corps <sup>13 14</sup> .....	435,509	436,281	64,677	1,397	554
Department of Agriculture—relief.....	80,561	2,882	476	2	2
<b>Public works (including work relief):</b>					
Reclamation projects <sup>14 15</sup> .....	23,821	10,024	9,739	25,498	29,233
Public highways <sup>14</sup> .....	317,357	215,096	200,909	84,576	27,729
River and harbor work and flood control <sup>14</sup> .....	147,925	152,319	94,484	33,639	7,020
Public Works Adm., loans and grants.....					283,768
Works Progress Adm., incl. Nat. Youth Adm.....		1,263,661	1,896,447	1,472,499	2,239,003
Public buildings <sup>14</sup> .....	32,757	52,942	42,259	15,890	6,296
National defense: <sup>14</sup>					
Army <sup>13</sup> .....	61,299	9,639	19,205	26,803	48,395
Navy.....	116,037	137,608	59,801	26,823	39,580
All other, including administrative expenses <sup>13</sup> .....	118,278	206,547	254,248	129,162	164,266
<b>Aid to home owners:</b>					
Home-loan system:					
Reconstruction Finance Corporation funds.....	46,200	17,696	20,664	4,735	
Federal savings and loan associations.....	29,487	19,689	22	12	( <sup>1</sup> )
Emergency housing.....	6,480	24,906	50,734	22,458	66
United States Housing Authority <sup>14</sup> .....				20,488	5,212
Federal Housing Administration <sup>14</sup> .....	15,964	14,505	16,740	11,725	9,141
Farm Security Administration.....	5,424	138,016	209,696	180,149	183,623
Miscellaneous.....	51,928	35,735	\$ 3,020	7,149	8,003
Revolving funds (net), total.....	345,329	11,011	203,536	120,953	92,454
<b>Agricultural aid:</b>					
Farm Credit Administration <sup>11 14</sup> .....	29,564	\$ 18,716	\$ 14,680	\$ 8,425	\$ 5,663
Other.....	111,827	\$ 14,507	\$ 3,146	\$ 4,221	\$ 2,749
<b>Public works:</b>					
Loans and grants to States, municipalities, etc.....	137,707	172,116	224,480	136,875	100,766
Loans to railroads.....	66,231	\$ 127,832	\$ 5,119	\$ 5,277	
Transfers to trust accounts, etc., total.....	71,009	1,814,155	868,401	606,668	685,204
<b>Old-age reserve account.....</b>			265,000	387,000	503,000
<b>Railroad retirement account.....</b>				146,403	107,997
<b>Adjusted-service-certificate fund.....</b>	50,000	1,773,493	556,665		
<b>Government employees retirement funds (U. S. share)</b>					
Debt retirements, total.....	21,009	40,662	46,735	73,255	75,107
	673,558	403,240	103,971	66,466	58,246
<b>Total expenditures.....</b>	<b>7,583,434</b>	<b>9,088,888</b>	<b>8,548,380</b>	<b>7,691,287</b>	<b>9,268,336</b>
<b>Excess of expenditures over receipts.....</b>	<b>3,782,968</b>	<b>4,952,929</b>	<b>3,252,540</b>	<b>1,449,626</b>	<b>3,600,514</b>
Less public-debt retirements.....	573,558	403,240	103,971	65,465	58,246
<b>Excess of expenditures excluding public-debt retirements.....</b>	<b>3,209,408</b>	<b>4,549,689</b>	<b>3,148,569</b>	<b>1,384,161</b>	<b>3,542,268</b>
<b>TRUST ACCOUNTS, INCREMENT ON GOLD, ETC.</b>					
Receipts, total <sup>16</sup> .....	392,669	475,184	904,021	1,727,032	1,917,362
District of Columbia.....	47,957	41,552	38,698	45,381	52,342
Government life-insurance fund.....	69,532	70,341	93,076	93,459	95,021
Adjusted-service-certificate fund.....	5,781	10,468	4,137	1,475	1,020
Civil-service retirement fund.....	61,740	84,112	94,189	127,143	133,470
Foreign-service retirement fund.....	443	454	601	512	519
Canal Zone retirement fund.....	549	1,085	1,138	1,155	1,168
Alaska Railroad retirement fund.....			97	342	303
Indian tribal funds.....	6,681	6,861	6,949	6,726	16,362
Insular possessions.....	28,951	19,062	18,218	15,380	19,554
Other.....	31,812	43,361	44,008	30,355	29,901
Unclassified items.....	<sup>17</sup> \$ 627	2,344	<sup>17</sup> 164	599	<sup>17</sup> 400
Increment resulting from reduction in weight of gold dollar.....	1,738	784	1,676	1,095	481
Seigniorage <sup>18</sup> .....	140,111	175,789	39,787	90,351	90,267

<sup>1</sup> Less than \$500.

<sup>3</sup> Excess of credits, deduct.

<sup>11</sup> Includes expenditures made by Federal Surplus Commodities Corporation from funds provided for Federal Emergency Relief Administration.

<sup>12</sup> Figures include expenditures from funds allocated by the Reconstruction Finance Corporation.

<sup>13</sup> See note 4, p. 160.

<sup>14</sup> Additional expenditures under this account are shown under general expenditures.

<sup>15</sup> Expenditures for 1935 to 1937 include only Boulder Canyon project, other reclamation projects being included in "Public Works—All other."

<sup>16</sup> Effective Dec. 31, 1937, transfers from the general fund are treated as receipts instead of offsets against expenditures. The figures for the fiscal year 1937 include adjustments on this account.

<sup>17</sup> Counter-entry receipts, deduct.

<sup>18</sup> Resulting from issuance of silver certificates against silver acquired under Silver Purchase Act of 1934.

No. 178.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT, BY MAJOR CLASSIFICATIONS: 1935 TO 1939—Continued

[In thousands of dollars. Figures are for years ended June 30]

	1935	1936	1937	1938	1939
TRUST ACCOUNTS, INCREMENT ON GOLD, ETC.—continued					
Receipts, total—Continued					
Unemployment trust fund.....		18,949	294,440	762,833	838,087
Old-age reserve account.....			267,262	402,412	529,951
Railroad retirement account.....				147,813	199,299
Expenditures, total <sup>10</sup> .....	\$ 336,896	560,384	629,138	1,473,032	1,038,076
District of Columbia.....	42,811	46,011	42,851	46,453	47,381
Government life insurance fund.....	68,694	68,460	73,687	113,719	91,002
Adjusted-service certificate fund.....	6,529	\$ 12,300	26,059	2,270	1,222
Civil-service retirement fund.....	61,784	83,641	93,787	126,998	132,851
Foreign-service retirement fund.....	461	435	492	525	521
Canal Zone retirement fund.....	575	1,081	1,124	1,166	1,142
Alaska Railroad retirement fund.....			67	344	308
Indian tribal funds.....	1,295	13,032	7,656	8,287	4,962
Other <sup>13</sup> .....	4,667	47,909	33,765	27,272	45,728
Unclassified items.....	304	\$ 1,784	1,190	23	66
Transactions in checking accounts of governmental agencies (not, etc. <sup>20</sup> ).....	\$ 637,137	\$ 108,290	\$ 313,841	\$ 203,987	\$ 768,325
Public Works Adm., revolving fund.....					\$ 1,641
Chargeable against increment on gold.....	113,023	403,829	100,782	51,638	6,500
Unemployment trust fund.....		18,909	294,386	750,680	839,795
Old-age reserve account.....			267,127	400,604	528,792
Railroad retirement account.....				146,049	106,774
Excess of receipts (+) or expenditures (-).....	+729,665	-85,220	+274,888	+255,000	+884,286

<sup>10</sup> Excess of credits, deduct.

<sup>13</sup> See note 4, p. 169.

<sup>14</sup> See note 14, p. 170.

<sup>20</sup> The figures for 1935 include \$333,245,000, which amount represents transfers on May 31, 1935, of balances in checking accounts of certain special agencies of the Government. The figures since that date represent net transactions of those agencies.

Source: Treasury Department, Annual Report of the Secretary. Figures published currently in "Daily Statement of the United States Treasury."

No. 179.—EXPENDITURES OF THE NATIONAL GOVERNMENT, BY OBJECT AND ACCOUNTS: FISCAL YEAR 1939

NOTE.—Figures are on the basis of checks issued. See general note, p. 166

OBJECT OF EXPENDITURE	Amount	OBJECT OF EXPENDITURE	Amount
GENERAL AND SPECIAL ACCOUNTS		GENERAL AND SPECIAL ACCOUNTS—CON.	
Legislative:	1,000 dollars	Independent offices—Continued.	1,000 dollars
U. S. Senate.....	3,712	Fed. Emergency Adm. of Public Works, administrative expenses <sup>1</sup> .....	5
House of Representatives.....	8,633	Recovery and relief.....	23,524
Legislative, miscellaneous.....	4	Fed. emergency housing, rec. and relief <sup>1</sup> .....	68
Architect of the Capitol.....	3,263	Federal Emergency Relief Administration, recovery and relief.....	1,150
Recovery and relief.....	59	Federal Home Loan Bank Board <sup>1</sup> .....	1,121
Botanic Garden.....	106	Fed. Housing Adm., rec. and relief <sup>1</sup> .....	18,180
Library of Congress <sup>1</sup> .....	2,804	Federal Power Commission <sup>1</sup> .....	1,868
Recovery and relief.....	135	Recovery and relief.....	51
Government Printing Office <sup>1</sup> .....	3,307	Federal Prison Industries, Inc.....	1,343
Total legislative <sup>1</sup> .....	32,008	Federal Trade Commission.....	2,176
General.....	21,829	General Accounting Office <sup>1</sup> .....	5,288
Recovery and relief.....	174	Recovery and relief.....	4,320
Executive office.....	447	Golden Gate Internat'l Expos.....	1,090
Independent offices:		Interstate Commerce Commission.....	8,434
American Battle Monuments Com'n.....	140	Maritime Labor Board.....	82
Board of Tax Appeals <sup>1</sup> .....	535	Mount Rushmore National Memorial Commission <sup>2</sup> .....	144
Central Statistical Board.....	127	Nat. Adv. Com'tee for Aeronautics <sup>1</sup> .....	2,249
Census of partial employment, unemployment, and occupations, recovery and relief.....	85	National Archives.....	810
Civil Aeronautics Authority <sup>1</sup> .....	13,765	National Capitol Park and Planning Commission.....	632
Recovery and relief.....	1,237	Nat. Emergency Council, rec. and relief.....	805
Civil Service Commission <sup>1</sup> .....	3,178	National Labor Relations Board <sup>1</sup> .....	2,860
Civilian Conservation Corps <sup>1</sup> .....	290,390	National Mediation Board.....	407
Recovery and relief.....	88	Nat. Resources Com'tee, rec. and relief.....	723
Employees' Compensation Com'n <sup>1</sup> .....	4,856	New York World's Fair.....	2,364
Recovery and relief.....	9,116	Public Works Adm., rec. and relief:	
Farm Credit Administration <sup>1</sup> .....	3,460	Grants.....	885,809
Federal Communications Com'n <sup>1</sup> .....	1,779	Loans.....	18,741

<sup>1</sup> For trust fund expenditures, see p. 175. <sup>2</sup> Excess of credits, deduct.

<sup>3</sup> Heretofore stated under Department of the Interior.

No. 179.—EXPENDITURES OF THE NATIONAL GOVERNMENT, BY OBJECT AND ACCOUNTS: FISCAL YEAR 1939—Continued

OBJECT OF EXPENDITURE	Amount	OBJECT OF EXPENDITURE	Amount
<b>GENERAL AND SPECIAL ACCOUNTS—CON.</b>		<b>GENERAL AND SPECIAL ACCOUNTS—CON.</b>	
<b>Independent offices—Continued.</b>	<i>1,000 dollars</i>	<b>Department of Agriculture—Continued.</b>	<i>1,000 dollars</i>
Railroad Retirement Board <sup>1</sup> .....	3,563	Bureau of Entomology and Plant Quarantine.....	8,915
Rural Electrification Adm. <sup>1</sup> .....	37,556	<i>Recovery and relief</i> .....	7,537
<i>Recovery and relief</i> .....	1,028	Bureau of Biological Survey.....	2,835
Securities and Exchange Com'n <sup>1</sup> .....	4,722	<i>Recovery and relief</i> .....	2,006
Smithsonian Institution.....	1,275	Bureau of Agricultural Economics.....	6,324
Social Security Board: <sup>1</sup>		<i>Recovery and relief</i> .....	145
Administrative expenses.....	10,995	Bureau of Agricultural Engineering.....	492
Grants to States.....	306,711	<i>Recovery and relief</i> .....	10
Temp. Nat. Economic Com'tees.....	521	Bureau of Home Economics.....	293
Thomas Jefferson Memorial Com'n.....	372	<i>Recovery and relief</i> .....	537
Tennessee Valley Authority.....	41,288	Enforcement of the Commodity Exchange Act.....	620
U. S. Constitution Sesquicentennial Commission.....	88	Food and Drug Administration <sup>1</sup> .....	2,235
U. S. Maritime Commission <sup>1</sup> .....	42,975	Soil Conservation Service.....	22,846
U. S. Shipping Board Bureau <sup>1</sup> .....	928	<i>Recovery and relief</i> .....	17,477
U. S. Tariff Commission.....	928	Miscellaneous <sup>1</sup> .....	1,036
<b>Veterans' Administration:</b>		<i>Recovery and relief</i> .....	1,507
Salaries and expenses (incl. printing).....	87,927	<b>Total, Agriculture, departmental<sup>1</sup>.....</b>	<b>160,739</b>
Adjusted service and dependent pay.....	1,185	General.....	127,612
Hospital and domiciliary facilities and services.....	6,604	<i>Recovery and relief</i> .....	33,128
Military and naval insurance.....	39,061	Public highways, including forest roads and trails, grade-crossing elimination, etc.....	175,731
Emergency relief, rec. and relief.....	768	<i>Recovery and relief</i> .....	34,143
Public Works Adm., rec. and relief.....	4,355	Farm Security Administration <sup>1</sup> .....	5
Army and Navy pensions.....	416,721	<i>Recovery and relief</i> .....	181,213
Miscellaneous <sup>1</sup> .....	29	Farm Tenant and Rehabilitation Act.....	27,405
<b>Total, Veterans' Administration<sup>1</sup>.....</b>	<b>559,610</b>	Agricultural Adjustment program:	
General.....	551,488	Salaries and general expenses.....	1,508
<i>Recovery and relief</i> .....	6,123	Advances to Agricultural Adjustment Administration.....	2108
Works Progress Administration <sup>1</sup> .....	68	Administration of the Sugar Act of 1937.....	61,930
<i>Recovery and relief</i> .....	2,252,942	Exportation and domestic consumption of agricultural commodities.....	210,579
Miscellaneous commissions, boards, etc. <sup>1</sup> .....	392	Agricultural contract adjustments.....	418
<i>Recovery and relief</i> .....	6	Elimination of diseased cattle.....	2,730
Revolving funds, recovery and relief.....		Retirement of cotton pool participation trust certificates.....	1,238
Farmers' crop production and harvesting loans.....	1,577	<i>Emergency relief, rec. and relief</i> .....	111
Loans and grants to States, municipalities, railroads, etc.....	97,413	Soil Conservation and Domestic Allotment Act.....	476,851
Loans and relief in stricken agricultural areas (transfer to Farm Credit Adm.).....	2,2166	Federal Crop Insurance Act.....	8,401
<i>Transfers to trust accounts</i> .....		Administration of Price Adjustment Act of 1938.....	23,167
Railroad retirement account.....	107,094	<i>Miscellaneous, recovery and relief</i> .....	24
Government employees' retirement funds (United States share):		<b>Total, Agricultural Adjustment program<sup>1</sup>.....</b>	<b>786,822</b>
Alaska Railroad retirement fund.....	175	General.....	736,715
Civil Service retirement and disability fund.....	74,244	<i>Recovery and relief</i> .....	107
Canal Zone retirement fund.....	500	Refunds of receipts.....	2
<b>Total, Independent offices<sup>1</sup>.....</b>	<b>4,280,638</b>	<b>Total, Department of Agriculture<sup>1</sup>.....</b>	<b>1,366,057</b>
General.....	1,530,853	General.....	1,117,498
<i>Recovery and relief</i> .....	2,690,785	<i>Recovery and relief</i> .....	248,550
<b>Department of Agriculture:</b>		<b>Department of Commerce:</b>	
Office of the Secretary.....	810	Office of the Secretary.....	1,474
<i>Recovery and relief</i> .....	2,185	Bureau of Air Commerce.....	2,000
Office of the Solicitor.....	217	<i>Recovery and relief</i> .....	37
Office of Information.....	1,258	Bureau of Foreign and Domestic Commerce.....	3,094
Library.....	106	Bureau of Census.....	2,005
Office of Experiment Stations.....	6,764	<i>Recovery and relief</i> .....	32
Special research fund.....	1,360	Bureau of Marine Inspection and Navigation.....	2,636
Extension Service.....	18,690	National Bureau of Standards.....	2,090
Weather Bureau.....	4,024	Bureau of Lighthouses.....	11,689
Bureau of Animal Industry.....	16,667	<i>Recovery and relief</i> .....	2,513
<i>Recovery and relief</i> .....	1	Coast and Geodetic Survey.....	2,315
Bureau of Dairy Industry.....	680	<i>Recovery and relief</i> .....	850
Bureau of Plant Industry.....	4,758	Bureau of Fisheries.....	2,021
Forest Service <sup>1</sup> .....	24,376	<i>Recovery and relief</i> .....	1,495
<i>Recovery and relief</i> .....	7,435	Patent Office.....	4,714
Bureau of Chemistry and Soils.....	1,387		

<sup>1</sup> For trust fund expenditures, see p. 175. <sup>2</sup> Excess of credits, deduct.

<sup>3</sup> For additional expenditures see under Treasury Department and Departments of Commerce and Labor; total expenditures under Social Security Act, \$871,638,000 (administrative, \$20,396,000; grants to States, \$21,955,000; old-age reserve account, \$529,257,000).

<sup>4</sup> Exclusive of expenditures under the Social Security Act stated on p. 173.

## No. 179.—EXPENDITURES OF THE NATIONAL GOVERNMENT, BY OBJECT AND ACCOUNTS: FISCAL YEAR 1939—Continued

OBJECT OF EXPENDITURE	Amount	OBJECT OF EXPENDITURE	Amount
<b>GENERAL AND SPECIAL ACCOUNTS—con.</b>		<b>GENERAL AND SPECIAL ACCOUNTS—con.</b>	
<b>Department of Commerce—Continued.</b>	<i>1,000 dollars</i>	<b>Department of Justice—Continued.</b>	<i>1,000 dollars</i>
Miscellaneous.....	17	Penal and correctional institutions <sup>1</sup> .....	13,128
<b>Total, Commerce, departmental<sup>1</sup></b>	<b>38,781</b>	<i>Recovery and relief</i> .....	<i>6,117</i>
General.....	34,056	<b>Total, Department of Justice<sup>1</sup></b>	<b>48,885</b>
<i>Recovery and relief</i> .....	<i>4,725</i>	General.....	43,704
<b>Social Security Act<sup>2</sup></b>	<b>84</b>	<i>Recovery and relief</i> .....	<i>6,181</i>
<b>Total, Department of Commerce<sup>1</sup></b>	<b>88,868</b>	<b>Department of Labor:</b>	
General.....	34,141	Office of the Secretary.....	2,224
<i>Recovery and relief</i> .....	<i>4,725</i>	<i>Recovery and relief</i> .....	<i>8</i>
<b>Department of the Interior:</b>		Wage and Hour Division.....	1,044
Office of the Secretary <sup>1</sup> .....	3,104	Bureau of Labor Statistics.....	816
<i>Recovery and relief</i> .....	<i>685</i>	<i>Recovery and relief</i> .....	<i>968</i>
Bonneville project.....	1,688	Immigration and Naturalization Service <sup>1</sup> .....	9,781
<i>Recovery and relief</i> .....	<i>3,861</i>	<i>Recovery and relief</i> .....	<i>13</i>
Nat. Bituminous Coal Commission.....	3,415	Children's Bureau.....	3,904
General Land Office <sup>1</sup> .....	5,142	Women's Bureau.....	145
<i>Recovery and relief</i> .....	<i>18</i>	U. S. Employment Service <sup>1</sup> .....	4,395
Geological Survey.....	3,121	<i>Recovery and relief</i> .....	<i>1,241</i>
<i>Recovery and relief</i> .....	<i>2,005</i>	Miscellaneous <sup>1</sup> .....	43
Bureau of Mines.....	2,856	<b>Total, Labor, departmental<sup>1</sup></b>	<b>21,052</b>
<i>Recovery and relief</i> .....	<i>99</i>	General.....	18,842
National Park Service <sup>1</sup> .....	21,348	<i>Recovery and relief</i> .....	<i>2,210</i>
<i>Recovery and relief</i> .....	<i>20,462</i>	<b>Social Security Act:<sup>3</sup></b>	
Office of Education.....	27,154	Administrative expenses.....	317
<i>Recovery and relief</i> .....	<i>577</i>	Grants to States.....	8,290
Government in the Territories <sup>1</sup> .....	4,809	<b>Total, Labor Department<sup>1</sup></b>	<b>28,659</b>
<i>Recovery and relief</i> .....	<i>956</i>	General.....	27,449
<i>Puerto Rico Reconstruction Administration, recovery and relief</i> .....	<i>13,280</i>	<i>Recovery and relief</i> .....	<i>2,210</i>
Beneficiaries <sup>1</sup> .....	2,323	<b>Navy Department (national defense):</b>	
<i>Recovery and relief</i> .....	<i>501</i>	Salaries, Navy Department.....	4,055
Miscellaneous.....	194	Contingent expenses, etc.....	1,703
Indian Affairs: <sup>4</sup>		Office of the Secretary <sup>1</sup> .....	1,720
Salaries and general expenses.....	1,040	Bureau of Navigation <sup>1</sup> .....	11,668
<i>Recovery and relief</i> .....	<i>68</i>	Naval Academy.....	2,017
Education.....	10,072	Bureau of Engineering.....	24,439
General support and administration <sup>1</sup> .....	2,719	<i>Recovery and relief</i> .....	<i>46</i>
Miscellaneous expenses.....	23,133	Bureau of Construction and Repair.....	21,026
<i>Recovery and relief</i> .....	<i>3,651</i>	Bureau of Ordnance.....	27,445
Interest on Indian tribal funds.....	377	Bureau of Supplies and Accounts:	
<b>Total, Interior, departmental<sup>1</sup></b>	<b>163,411</b>	Fuel and transportation.....	9,870
General.....	117,903	Maintenance.....	10,039
<i>Recovery and relief</i> .....	<i>45,508</i>	Naval supply account fund.....	2,508 <sup>4</sup>
<b>Bureau of Reclamation (projects)<sup>1</sup></b>	<b>50,220</b>	Pay, subsistence, and transportation, Navy.....	199,446
<i>Recovery and relief</i> .....	<i>28,078</i>	Clothing and small-stores fund.....	1,446
United States Housing Authority.....	3,488	Naval working fund.....	1,259 <sup>5</sup>
<i>Recovery and relief</i> .....	<i>4,889</i>	Other items <sup>1</sup> .....	2,004
<b>Total, Department of the Interior<sup>1</sup></b>	<b>251,076</b>	Bureau of Medicine and Surgery <sup>1</sup> .....	2,504
General.....	171,611	Bureau of Yards and Docks.....	22,125
<i>Recovery and relief</i> .....	<i>79,465</i>	<i>Recovery and relief</i> .....	<i>55,549</i>
<b>Department of Justice:</b>		Bureau of Aeronautics.....	47,666
Office of the Attorney General: <sup>4</sup>		<i>Recovery and relief</i> .....	<i>22</i>
Salaries and expenses.....	3,394	Marine Corps:	
Bureau of Prisons.....	242	Pay.....	18,734
Federal Bureau of Investigation.....	6,020	General expenses and other items <sup>1</sup> .....	8,540
Veterans' Insurance Litigation.....	488	Replacement of naval vessels.....	219,577
Miscellaneous.....	1,207	<i>Recovery and relief</i> .....	<i>5,985</i>
<i>Recovery and relief</i> .....	<i>4</i>	General account of advances.....	1,378 <sup>6</sup>
<b>The Judiciary:</b>		Private relief acts.....	224
Salaries and expenses, U. S. Supreme Court.....	522	Miscellaneous.....	70
Salaries and expenses of judges.....	2,717	<b>Total, Navy Department (national defense)<sup>1</sup></b>	<b>669,153</b>
U. S. Court of Customs and Patent Appeals.....	110	General.....	629,553
United States Customs Court.....	244	<i>Recovery and relief</i> .....	<i>39,601</i>
Court of Claims.....	230	<b>Post Office Department:</b>	
Territorial courts.....	104	Private relief acts.....	33
Expenses, etc., U. S. courts.....	14,781	Deficiencies in the postal revenues.....	41,237
Miscellaneous.....	119	Miscellaneous expenses.....	1,891 <sup>7</sup>
Private relief acts.....	63	<b>Total, Post Office Department<sup>1</sup></b>	<b>40,380</b>
Special deposit accounts <sup>1</sup> .....	2,211		

<sup>1</sup> For trust fund expenditures, see p. 175.<sup>2</sup> Excess of credits, deduct.<sup>3</sup> Exclusive of expenditures under Social Security Act stated below.<sup>4</sup> For total expenditures under the Social Security Act, see note 4, p. 172.<sup>7</sup> Exclusive of Postal Service payable from postal revenues.

No. 179.—EXPENDITURES OF THE NATIONAL GOVERNMENT, BY OBJECT AND ACCOUNTS: FISCAL YEAR 1939—Continued

OBJECT OF EXPENDITURE	Amount	OBJECT OF EXPENDITURE	Amount
<b>GENERAL AND SPECIAL ACCOUNTS—CON.</b>		<b>GENERAL AND SPECIAL ACCOUNTS—CON.</b>	
<b>Department of State:</b>	<i>1,000 dollars</i>	<b>Transfers to trust account:</b>	<i>1,000 dollars</i>
Office of the Secretary.....	2,703	Old-age reserve appropriated account,	503,000
Foreign intercourse <sup>1</sup> .....	16,543	Social Security Act.....	
Recovery and relief.....	145	<b>War Department:</b>	
Miscellaneous.....	140	<b>National defense:</b>	
<b>Total, State, departmental<sup>1</sup>.....</b>	<b>19,532</b>	Salaries, War Department.....	4,785
General.....	19,386	Contingent expenses.....	740
Recovery and relief.....	145	Office of Secretary of War.....	74
<b>Transfer to trust account:</b>		Recovery and relief.....	168
Foreign service retirement fund <sup>1</sup> .....	188	General Staff Corps.....	386
<b>Total, Department of State<sup>1</sup>.....</b>	<b>19,719</b>	Recovery and relief.....	25
General.....	19,574	Army War College.....	74
Recovery and relief.....	145	Adjutant General's Department.....	75
<b>Treasury Department:</b>		<b>Finance Department:</b>	
Office of the Secretary.....	219	Pay of the Army.....	164,226
Recovery and relief.....	1,516	Finance Service.....	1,163
Division of Research and Statistics.....	169	Judgments.....	238
Office of General Counsel.....	129	Other items.....	2,903
Office of Chief Clerk and Superintendent.....	405	<b>Quartermaster Corps:</b>	
Custody of departmental buildings.....	665	Army transportation.....	12,228
Division of Printing.....	1,693	Barracks and quarters and other buildings and utilities.....	13,284
Office of Com. of Accts. and Deposits <sup>1</sup> .....	3,005	Clothing and equipage.....	14,509
Recovery and relief.....	10,054	Construction of buildings, etc., at military posts.....	8,707
Public Debt Service.....	6,820	Recovery and relief.....	24,499
Bureau of Customs <sup>1</sup> .....	20,533	<b>National Industrial Recovery, recovery and relief.....</b>	<b>530</b>
Bureau of the Budget.....	269	Construction and repair of hospitals.....	494
Office of the Treasurer of United States.....	1,663	Incidental expenses of the Army.....	3,602
Recovery and relief.....	684	Regular supplies of the Army.....	3,130
Office of Comptroller of the Currency.....	248	Subsistence of the Army.....	29,098
Bureau of Internal Revenue <sup>1</sup> .....	58,631	Emergency relief appropriations, recovery and relief.....	26,174
Federal Alcohol Administration.....	445	Other items.....	1,496
Bureau of Narcotics.....	1,242	Signal Corps.....	6,335
Coast Guard.....	24,941	Recovery and relief.....	1
Recovery and relief.....	6,737	Air Corps.....	83,165
Bureau of Engraving and Printing.....	9,731	Medical Department.....	1,397
Secret Service Division.....	1,010	Corps of Engineers.....	840
Recovery and relief.....	285	Ordnance Department.....	28,025
Public Health Service <sup>1</sup> .....	16,399	Recovery and relief.....	2,878
Recovery and relief.....	1,971	Chemical Warfare Service.....	1,324
Bureau of the Mint.....	2,421	Chief of Infantry.....	82
To promote the education of the blind.....	115	Seacoast defenses.....	7,386
Private relief acts.....	132	Recovery and relief.....	269
Other items.....	132	Military Academy.....	3,184
Miscellaneous accounts <sup>1</sup> .....	2,208	National Guard Bureau.....	43,010
Recovery and relief.....	1,085	Organized Reserves.....	9,941
<b>Procurement Division:</b>		Citizens' military training.....	6,517
Supply Branch.....	168	National Board for Promotion of Rifle Practice.....	598
Recovery and relief.....	6,080	Army account of advances.....	2,954
Repairs, equipment, operating expenses, etc., public buildings.....	5,715	Accounting funds.....	161
Recovery and relief.....	14	Miscellaneous.....	94
<b>Total, Treasury, departmental<sup>1</sup>.....</b>	<b>185,796</b>	<b>Total, national defense<sup>1</sup>.....</b>	<b>496,187</b>
General.....	158,583	General.....	445,123
Recovery and relief.....	27,213	Recovery and relief.....	51,014
<b>Refunds of receipts:</b>		<b>Nonmilitary activities:</b>	
Customs.....	15,868	Quartermaster Corps, miscellaneous.....	2,021
Internal revenue.....	38,960	Recovery and relief.....	8
Processing tax on farm products.....	12,288	Signal Corps.....	179
Social Security Act <sup>2</sup> .....	7,985	Bureau of Insular Affairs.....	449
<b>Procurement Division, public building construction and sites, etc.....</b>	<b>45,007</b>	Recovery and relief.....	13
Recovery and relief.....	6,393	War claims and relief acts.....	209
<b>Federal land banks, recovery and relief:</b>		<b>Total, nonmilitary activities<sup>1</sup>.....</b>	<b>2,873</b>
Subscriptions to capital stock.....	151	General.....	2,858
Subscriptions to paid-in surplus (revolving fund).....	11,501	Recovery and relief.....	15
Payments to Federal land banks, reductions in interest rate on mortgages.....	50,640	<b>Rivers and harbors<sup>1</sup>.....</b>	<b>180,182</b>
Payments to Fed. Farm Mortgage Corp., reduction in interest rate on mortgages, recovery and relief.....	7,319	Recovery and relief.....	11,642
<b>Total, Treasury Department<sup>1</sup>.....</b>	<b>362,497</b>	<b>Total, War Department<sup>1</sup>.....</b>	<b>696,835</b>
General.....	278,691	General.....	634,164
Recovery and relief.....	83,807	Recovery and relief.....	62,671

<sup>1</sup>For trust fund expenditures, see p. 175.      <sup>2</sup>Excess of credits, deduct.

<sup>3</sup>Exclusive of expenditures under the Social Security Act stated below.

<sup>4</sup>For total expenditures under the Social Security Act, see note 4, p. 172.

<sup>5</sup>Exclusive of refunds of receipts.      <sup>6</sup>Exclusive of Panama Canal.

No. 179.—EXPENDITURES OF THE NATIONAL GOVERNMENT, BY OBJECT AND ACCOUNTS: FISCAL YEAR 1939—Continued

OBJECT OF EXPENDITURE	Amount	OBJECT OF EXPENDITURE	Amount
<b>GENERAL AND SPECIAL ACCOUNTS—CON.</b>	<i>1,000 dollars</i>	<b>TRUST AND RELATED ACCOUNTS—CON.</b>	<i>1,000 dollars</i>
Panama Canal.....	10, 202	Department of the Interior—Con.	
District of Columbia <sup>1</sup> .....	5, 246	Government in the Territories.....	146
Interest on the public debt.....	940, 958	Beneficiaries.....	163
Public-debt retirements:		Special deposit accounts.....	2, 405
Sinking fund.....	48, 515	Indian Affairs:	
Received from foreign governments under debt settlements.....	120	General support and administration.....	69
Estate taxes, forfeitures, gifts, etc.....	9, 609	Tribal funds.....	6, 257
Reconstruction Finance Corporation funds, recovery and relief: <sup>10</sup>		Special deposit accounts.....	2, 141
Disaster Loan Corporation stock.....	8, 000	Bureau of Reclamation (projects).....	527
Revolving funds (net), agricultural aid.....	2, 568	Department of Justice.....	2, 117, 873
Fed. Emergency Relief Adm.....	19	Alien Property Custodian.....	2, 16, 504
		Judicial, fees and other collections, clerk of U. S. Circuit Court of Ap- peals.....	3, 271
<b>Total classified expenditures, checks-issued basis.....</b>	<b>9, 297, 321</b>	Judicial, special deposit accounts.....	401
General.....	6, 078, 571	Penal and correctional institutions.....	860
Recovery and relief.....	3, 220, 750	Department of Labor.....	266
Adjustment between checks and cash.....	228, 918	Immigration and Naturalization Service.....	84
Unclassified items, cash basis.....	2 64	U. S. Employment Service.....	171
		Miscellaneous.....	10
<b>Total cash expenditures, general and special accounts.....</b>	<b>9, 298, 338</b>	Navy Department (national defense).....	2, 279
General.....	6, 071, 197	Office of the Secretary.....	35
Recovery and relief.....	3, 197, 141	Bureau of Navigation.....	178
		Bureau of Supplies and Accounts.....	411
<b>TRUST AND RELATED ACCOUNTS</b>		Bureau of Medicine and Surgery.....	1, 502
Legislative.....	762	Marine Corps.....	155
Library of Congress.....	193	Special deposit accounts.....	1
Government Printing Office.....	569	Post Office Department.....	4
Independent offices.....	156, 689	Department of State.....	3, 000
Board of Tax Appeals.....	6	Foreign intercourse.....	3, 520
Civil Aeronautics Authority.....	228	Special deposit accounts.....	2, 840
Civil Service Commission.....	58, 576	Foreign service retirement fund.....	329
Civilian Conservation Corps.....	2, 949	Treasury Department.....	35, 263
Employees' Compensation Comm.....	21	Office of Com. of Accts. and Deposits.....	1, 477
Farm Credit Administration.....	2, 180	Bureau of Customs.....	44
Federal Communications Comm.....	8	Bureau of Internal Revenue.....	21, 030
Fed. Emergency Adm. of Public Works, administrative expenses.....	3	Public Health Service.....	55
Federal emergency housing.....	395	Miscellaneous.....	15, 692
Federal Home Loan Bank Board.....	2	War Department.....	5, 329
Federal Housing Administration.....	44	National defense.....	19
Federal Power Commission.....	17	Nonmilitary activities.....	2, 445
General Accounting Office.....	25	Rivers and harbors.....	2, 865
Nat. Adv. Com. of Aeronautics.....	1	District of Columbia.....	47, 324
National Labor Relations Board.....	17	Chargeable against increment on gold.....	5, 500
Railroad Retirement Board.....	2, 523	Unemployment trust fund.....	340, 206
Rural Electrification Adm.....	259	Additional loan fund, Public Works Ad- ministration, act of 1938.....	2, 1, 641
Securities and Exchange Comm.....	37	Old-age reserve account, Social Security Act.....	26, 257
Social Security Board.....	45	Transfers to trust accounts:	
U. S. Maritime Commission.....	3, 418	Old-age reserve account.....	503, 000
U. S. Shipping Board Bureau.....	3, 418	Railroad retirement account.....	107, 094
Veterans' Administration.....	94, 705	Government employees' retirement funds (U. S. share):	
Miscellaneous.....	2, 430	Civil service retirement fund (in- cluding District of Columbia share).....	75, 087
Adjusted service certificate fund.....	1, 085	Canal Zone retirement fund.....	500
Government life insurance fund.....	91, 191	Alaska Railroad retirement fund.....	175
Welfare and Recreational Association of Public Buildings and Grounds.....	2, 742	Foreign service retirement fund.....	188
Works Progress Administration.....	2, 1, 014		
Miscellaneous commissions, boards, etc.....	14	<b>Total classified items, checks- issued basis.....</b>	<b>1, 803, 813</b>
Department of Agriculture.....	2, 446	Adjustment between checks and cash.....	2, 478
Forest Service.....	963	Unclassified items, cash basis.....	66
Food and Drug Administration.....	2	Transactions in checking accounts of governmental agencies (net).....	2, 788, 335
Special deposit accounts.....	2, 1, 196		
Miscellaneous.....	130	<b>Total trust and related accounts, cash basis.....</b>	<b>1, 033, 076</b>
Farm Security Administration.....	2, 471		
Agricultural Adjustment program.....	16	<b>Total expenditures, cash basis.....</b>	<b>10, 301, 414</b>
Department of Commerce.....	228	General and special accounts.....	9, 288, 338
Department of the Interior.....	6, 079	Trust and related accounts.....	1, 033, 076
Office of the Secretary.....	3		
General Land Office.....	112		
National Park Service.....	348		

<sup>1</sup> For trust fund expenditures, see "Trust and related accounts."

<sup>2</sup> Excess of credits, deduct.

<sup>10</sup> On basis of daily Treasury statements beginning July 1, 1938.

No. 180.—RECEIPTS OF THE NATIONAL GOVERNMENT, BY SOURCES AND ACCOUNTS: FISCAL YEAR 1939

NOTE.—Data are on basis of warrants issued. See general note, p. 166

SOURCE AND ACCOUNT	Amount	SOURCE AND ACCOUNT	Amount
<b>REVENUE RECEIPTS</b>		<b>REVENUE RECEIPTS—continued</b>	
<b>General and special accounts:</b>	<i>1,000 dollars</i>	<b>General and special accounts—Con.</b>	<i>1,000 dollars</i>
Internal revenue.....	5,183,488	Reimbursements.....	10,093
Income tax.....	2,151,375	Collections under Grain and Cotton Standards Act.....	257
Taxes under Social Security Act.....	630,445	Administrative costs, Federal Power Act.....	383
Other taxes.....	2,380,646	By District of Columbia for advances for acquisition of lands.....	300
Customs.....	319,034	Maintenance of District of Columbia inmates in Federal penal and correctional institutions.....	180
Miscellaneous taxes.....	3,857	By contractors for excess cost over contract price.....	185
Tonnage tax.....	1,688	Inspection of food and farm products.....	334
Immigration head tax.....	1,135	Government property lost or damaged.....	1,041
Federal intermediate credit banks franchise tax.....	760	Hospitalization charges and expenses.....	183
Other.....	76	Expenses of international service of ice observation and patrol.....	104
Interest, exchange, and dividends.....	23,713	Maintenance, operation, and irrigation charges, irrigation systems, Indian Service.....	404
Interest on bonds of foreign governments under funding agreements.....	424	Of appropriations for Indian tribes.....	144
Interest on obligations of R. F. C.....	12,088	Reclamation fund, collections.....	4,960
Interest on loans to States, municipalities, etc., P. W. A.....	677	Reimbursement to U. S. by Japanese Govt. on account of sinking of U. S. S. <i>Panay</i> .....	500
Interest on advances to Colorado River Dam fund, Boulder Canyon project.....	3,700	Revenues, power systems, Flathead Reservation, Mont.....	142
Interest collections of Farm Security Administration.....	738	Other.....	706
Miscellaneous interest.....	908	Gifts and contributions.....	83
Dividends, Federal home loan banks.....	1,846	Sales of Govt. property (products).....	3,840
Dividends on shares of Federal savings and loan associations.....	1,689	Scrap and salvaged materials, condemned stores, waste paper, etc.....	1,649
Earnings from payments to Federal Reserve banks for industrial loans.....	110	Agricultural, livestock, and dairy products and livestock.....	117
Military and naval insurance <sup>1</sup> .....	710	Card indexes, Library of Congress.....	265
Other.....	116	Electric current.....	233
Fines and penalties.....	3,870	Public documents, charts, maps, etc.....	591
Judicial.....	983	Seal and fox skins and furs.....	105
Customs Service.....	1,277	Subsistence (meals, rations, etc.).....	102
Liquidated damages.....	101	Other.....	687
Navigation.....	158	Sales of services.....	29,341
Penalties, cotton and tobacco marketing quotas, Agricultural Adjustment Act of 1938.....	1,015	Alaska Railroad fund receipts.....	2,512
Other.....	135	Laundry and dry cleaning.....	1,270
Fees.....	15,343	Quarantine charges (including fumigation, inspection, etc., of vessels).....	191
Agricultural Commodities Act.....	215	Storage and other charges.....	131
Clerks, United States courts.....	1,492	Telephone, telegraph, and radio.....	415
Consular and passport.....	3,936	Tolls and profits, Panama Canal.....	24,475
Copyright.....	304	Other.....	348
Immigration (registry earned).....	104	Rents and royalties.....	7,854
Indian lands and timber.....	118	Rent of public buildings, grounds, etc.....	292
Marshals, United States courts.....	183	Rent of land.....	447
Migratory-bird hunting stamps.....	1,009	Receipts under Mineral Leasing acts.....	5,744
Naturalization (earned).....	1,551	Royalties on oil, gas, etc.....	1,169
Navigation.....	297	Rentals from property under foreclosure proceedings.....	124
Patent (earned).....	4,527	Other.....	137
Purchase of Army discharges.....	551	Permits, privileges, and licenses.....	2,978
Registration, securities and exchanges.....	475	Alaska fund.....	282
Other.....	640	Business concessions.....	188
Forfeitures.....	1,482	Immigration reentry permits.....	144
Bonds of aliens, contractors, etc.....	652	Licenses under Federal Water Power Act.....	320
Customs Service.....	845	Permits to enter national parks.....	1,222
Unclaimed moneys and wages remaining in registry of courts.....	123	Range improvements.....	260
Other.....	62	Receipts from public lands under Grazing Act, 1934.....	527
Assessments.....	8,817	Other.....	34
Colorado River Dam fund, Boulder Canyon project.....	4,036		
On Federal and joint-stock land banks and Federal intermediate credit banks <sup>2</sup> .....	509		
On Federal home loan banks and receipts from other sources <sup>3</sup> .....	1,038		
On banks for reimbursement to the General Fund for expenses of conservatorships.....	1,025		
Immigration, overtime service.....	130		
Other.....	48		

<sup>1</sup> Repayments to appropriations, representing cash receipts credited to appropriations.

<sup>2</sup> For expenses of examination, Farm Credit Administration.

<sup>3</sup> For salaries and expenses, Federal Home Loan Bank Board.

No. 180.—RECEIPTS OF THE NATIONAL GOVERNMENT, BY SOURCES AND ACCOUNTS: FISCAL YEAR 1939—Continued

SOURCE AND ACCOUNT	Amount	SOURCE AND ACCOUNT	Amount
<b>REVENUE RECEIPTS—continued</b>		<b>NONREVENUE RECEIPTS—continued</b>	
<b>General and special accounts—Con.</b>	<i>1,000 dollars</i>	<b>Trust accounts—Continued.</b>	<i>1,000 dollars</i>
Mint receipts.....	28,037	Deposits, unearned proceeds, lands, etc., General Land Office.....	4,237
Profits on coinage, bullion deposits, etc.....	5,955	Deposits to Indian tribes, judgment fund.....	10,502
Seigniorage.....	23,083	Deposits to sundry accounts, compensation 4-percent fund.....	254
Forest reserve fund.....	4,908	Indian moneys:	
Deposits, postal funds, Canal Zone.....	330	Proceeds of labor, agencies, etc.....	1,878
U. S. share, Dist. of Col. receipts.....	153	Sales and leases of Indian lands, etc.....	3,577
<b>Total revenue receipts.....</b>	<b>5,624,745</b>	Deposits, leases, etc., Annetto Islands Reserve, Alaska.....	103
<b>NONREVENUE RECEIPTS</b>		Contributions for roads, etc., Alaska.....	285
<b>General and special accounts:</b>		Contributions to reclamation fund.....	288
Repayment of investments.....	40,931	Deposits of commissary funds, Federal prisons.....	306
Collections of loans, F. H. A.....	1,852	Deposits of funds of Federal prisoners and clerks of U. S. courts.....	2,767
Principal on securities received from Reconstruction Finance Corp.....	204	Deposits, unearned naturalization fees, Department of Labor.....	315
Repayment of loans to States, municipalities, etc., P. W. A.....	1,079	Funds advanced to U. S. Employment Service by District Unemployment Compensation Board.....	184
Repayment of emergency crop loans, Farm Credit Administration.....	116	Naval fines and forfeitures.....	287
Repayment of loans, R. E. A.....	130	Naval hospital fund.....	1,317
Repayment of loans, F. S. A.....	33,249	Profit from sale of ships' stores, Navy.....	304
Sale of chattels, Farm Security Administration (emergency relief).....	103	Pay of the Marine Corps, deposit fund.....	170
Repayment of farm loans and receipts from submarginal land program, Farm Tenant Act.....	197	Deposits, unearned passport and application fees, Department of State.....	4,200
Repayment of subscriptions to preferred shares, Federal savings and loan associations.....	3,811	Settlement of claims between the United States and Mexico.....	534
Other.....	160	Settlement of claims between the United States and Turkey.....	100
Sales of public lands.....	248	Deposit of Chinese indemnity in settlement of claims growing out of bombing of S. S. <i>President Hoover</i> .....	205
Sales of Government property.....	2,044	Internal revenue and customs duties, Philippine Islands.....	10,486
Capital equipment (trucks, horses, cars, machinery, furniture, etc.).....	290	Pay of the Army, deposit fund.....	1,680
Land and buildings.....	1,008	Soldiers' Home permanent fund.....	900
Lands, etc., on account of military-post construction fund.....	120	For river and harbor improvements <sup>6</sup> .....	937
Oregon and California land-grant fund.....	406	Contributions for flood control.....	1,253
War supplies and ordnance material.....	161	Miscellaneous.....	822
Other.....	64	District of Columbia receipts <sup>7</sup> .....	52,192
<b>Total nonrevenue receipts, general and special accounts.....</b>	<b>43,323</b>	<b>Total nonrevenue receipts, trust accounts.....</b>	<b>274,203</b>
<b>Trust accounts, exclusive of District of Columbia.....</b>	<b>222,011</b>	<b>Total nonrevenue receipts.....</b>	<b>317,426</b>
Alaska Railroad retirement and disability fund.....	129	<b>Total revenue and nonrevenue receipts, warrants basis.....</b>	<b>5,942,171</b>
Canal Zone retirement fund.....	668	General and special accounts.....	5,637,908
Civil-service retirement fund.....	58,410	Trust accounts.....	274,203
Foreign Service retirement fund.....	331	Increment resulting from reduction in the weight of the gold dollar.....	482
Government life-insurance fund.....	94,889	Seigniorage <sup>7</sup> .....	90,287
Library of Congress, gift fund and trust fund.....	324	Old-age reserve account (interest on investments).....	26,951
Deposits, unearned proceeds of sale of publications, Supt. of Documents, Government Printing Office.....	624	Railroad retirement account (interest on investments).....	2,202
C. C. C., deposit fund.....	4,006	Moneys received but not covered by warrants.....	15
Loan by U. S. Housing Authority for low-rent housing fund, Dist. of Col. Alley Dwelling Authority.....	610	<b>Transfers from General Fund:</b>	
Deposits, unearned fees, S. E. C.....	116	Civil-service retirement fund (U. S. and Dist. of Col. share).....	75,087
Deposits, general post funds, national homes, Veterans' Administration.....	105	Old-age reserve account.....	503,000
Deposits, funds of patients and incompetent beneficiaries, Vet. Adm.....	2,323	Railroad retirement account.....	107,094
Adjusted service certificate fund interest on investments and loans.....	1,026	Other retirement funds (U. S. share).....	803
Receipts, Welfare and Recreational Ass'n of Pub. Bldgs. and Grounds.....	2,814	Unemployment trust fund.....	836,046
Deposits of miscellaneous contributed funds, Department of Agriculture.....	125	<b>Total receipts.....</b>	<b>7,686,077</b>
Deposits, rural rehabilitation, F. S. A.....	6,245	Adjustment to basis of daily Treasury statements.....	+109
Proceeds from sale of hides (Federal Surplus Commodities Corporation).....	263	<b>Total receipts, basis of daily Treasury statements (unrevised).....</b>	<b>7,686,186</b>
Forest Service cooperative work.....	944	General and special accounts.....	5,637,824
Personal funds and pension money of patients, St. Elizabeths Hospital.....	230	Trust and related accounts.....	1,917,362

<sup>4</sup> Debit item, deduct.

<sup>5</sup> Contributions and advances.

<sup>6</sup> District of Columbia share; for United States share see last item under "Revenue receipts."

<sup>7</sup> Resulting from issuance of silver certificates against silver acquired under Silver Purchase Act of 1934.



No. 181.—INTERNAL REVENUE RECEIPTS, BY CHIEF TAX SOURCES: 1863 TO 1940

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 176 to 178 and 180 which represent the deposits of these collections in the Treasury or depositories during the fiscal year concerned, there being thus an overlapping of time. Certain items, included in the totals in the last column, are shown in detail in the second part of the table

YEARLY AVERAGE OR YEAR ENDED JUNE 30—	Total	Spirits and wines <sup>1</sup>	Fermented malt liquors <sup>1</sup>	To-bacco manufactures <sup>1</sup>	Income and profits <sup>2</sup>	Legacies, inheritances, estates, etc.	Sales taxes not listed separately <sup>1</sup>	Docu-mentary stamps <sup>3</sup>	Other <sup>4</sup>
1863-1865	122,942	18,070	2,551	7,697	28,005	305	43,444	6,915	15,945
1866-1870	221,797	37,229	5,981	21,962	50,604	2,277	68,283	14,932	25,580
1871-1875	119,071	49,877	8,084	34,450	7,760	2,505	2,981	9,745	0,024
1876-1880	110,081	55,614	10,510	40,000	( <sup>5</sup> )	341	341	6,272	3,943
1881-1885	132,094	71,163	16,614	36,984	7,29	—	70	4,438	2,808
1886-1890	123,711	72,045	22,951	30,901	—	—	3	5	815
1891-1895	150,262	86,898	30,841	30,802	5,77	—	15	( <sup>6</sup> )	1,703
1896-1900	206,624	92,876	49,593	41,900	—	7,2,000	1,971	8,25,253	4,307
1901-1905	255,314	128,178	58,930	49,650	—	3,652	1,053	7,23,950	4,269
1906-1910	301,321	144,567	68,609	52,020	5,20,960	7,96	167	—	1,736
1911-1915	356,831	155,854	68,063	74,806	49,737	—	739	5,20,494	3,494
1916-1920	2,855,761	226,293	93,352	169,853	1,984,473	9,59,799	77,800	38,650	217,501
1921-1925	3,168,975	42,400	17	301,176	2,121,913	120,415	186,135	58,374	322,546
1926-1930	2,894,284	77,482	4	405,614	2,222,033	81,262	55,484	61,586	60,819
1931-1935	2,315,494	62,513	139,894	428,958	1,117,807	91,012	104,265	44,840	295,133
1936	512,723	168,682	88,771	88,064	124,837	—	4,219	38,110	9,939
1917	809,394	192,111	91,807	103,202	387,382	—	6,077	8,254	19,695
1918	3,698,956	317,554	126,236	156,189	2,852,326	—	47,453	21,875	140,639
1919	3,860,150	365,211	117,840	206,003	2,600,784	—	82,030	43,761	355,131
1920	5,407,380	97,905	41,906	298,809	3,956,936	—	103,636	51,259	562,100
1921	3,195,367	52,598	25	255,210	3,228,138	—	154,043	69,804	870,071
1922	4,597,461	46,653	46	270,769	2,086,918	—	139,419	55,910	424,466
1923	2,621,745	30,354	4	309,015	1,691,090	—	126,705	61,490	217,970
1924	2,700,179	27,580	5	325,639	1,841,769	—	102,967	58,526	238,781
1925	2,654,140	26,903	2	346,247	1,761,650	—	108,940	46,068	155,444
1926	2,836,000	26,436	16	370,666	1,674,194	—	119,216	49,801	145,540
1927	2,855,983	21,165	1	376,170	2,219,662	—	100,340	66,850	32,603
1928	2,790,528	15,307	( <sup>5</sup> )	390,450	2,174,573	—	60,087	43,818	48,347
1929	2,939,054	12,777	( <sup>5</sup> )	434,445	2,331,274	—	61,897	58,798	34,140
1930	3,040,146	11,635	( <sup>5</sup> )	450,339	2,410,269	—	64,770	72,969	27,497
1931	2,428,229	10,432	—	444,277	1,860,040	—	48,078	41,900	23,202
1932	1,557,729	8,704	—	398,579	1,086,767	—	47,422	27,854	18,317
1933	1,619,839	8,016	35,153	402,739	749,791	—	34,310	243,616	53,490
1934	2,672,239	89,952	168,960	425,169	819,656	—	113,138	386,306	67,174
1935	8,209,436	195,458	215,564	459,179	1,105,791	—	212,112	342,159	382,730
1936	8,520,208	256,338	249,126	501,106	1,427,448	—	378,840	382,733	64,846
1937	4,658,104	312,661	281,684	552,254	2,173,703	—	805,548	450,639	65,733
1938	6,058,705	294,807	273,192	568,182	2,622,813	—	416,874	417,206	42,180
1939	6,181,874	324,459	269,841	580,159	2,178,431	—	360,715	396,998	36,942
1940	6,340,452	356,477	267,776	608,518	2,121,073	—	360,071	447,114	33,807

YEAR	Transportation and communication <sup>13</sup>	Corporation capital stock	Theater admissions, etc.	YEAR	Transportation and communication <sup>12</sup>	Corporation capital stock	Theater admissions, etc.	Cocunut, etc., oils, processed	Pay-roll taxes	Sugar Act of 1937
1910	237,840	28,776	50,920	1930	—	47	4,231	—	—	—
1920	289,348	93,020	76,721	1931	—	—	2,779	—	—	—
1921	301,512	81,526	89,731	1932	—	—	1,859	—	—	—
1922	198,790	80,612	73,385	1933	22,632	—	15,521	—	—	—
1923	30,381	81,568	70,175	1934	29,630	80,168	14,613	—	—	—
1924	34,662	87,472	77,718	1935	29,221	91,508	15,370	24,457	—	—
1925	—	90,093	30,908	1936	30,892	94,943	17,112	27,691	48	—
1926	—	97,386	25,981	1937	35,814	137,499	19,740	29,688	265,746	—
1927	—	8,070	17,941	1938	36,494	139,349	20,801	27,470	742,600	30,689
1928	—	8,689	17,725	1939	35,048	127,203	19,471	27,065	740,429	65,414
1929	—	5,966	6,083	1940	37,870	132,739	21,888	22,744	833,521	68,145

<sup>1</sup> Including special taxes relating to manufacture and sale.  
<sup>2</sup> Including receipts from excise tax on corporations for the years 1910 to 1914; munition manufacturers' tax for 1917 and 1918; and also excess-profits tax for 1917 to 1923, and 1934 to 1940.  
<sup>3</sup> Includes proprietary stamps prior to 1896-1900.  
<sup>4</sup> Some of the major items in this column are shown in detail in lower part of table.  
<sup>5</sup> Figures for 1 year only. <sup>6</sup> Less than \$500. <sup>7</sup> Average for 2 years. <sup>8</sup> Average for 3 years.  
<sup>9</sup> Average for 4 years. <sup>10</sup> Includes gift tax. <sup>11</sup> Not including repealed taxes.  
<sup>12</sup> Transportation, including oil by pipe line, telephone, telegraph, radio, and cable.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Secretary, Annual Report of the Commissioner of Internal Revenue, Comparative Statement of Internal Revenue Collections published monthly.

No. 182.—INTERNAL REVENUE RECEIPTS, BY TAX SOURCES IN DETAIL: 1935 TO 1939

NOTE.—All figures in thousands of dollars. Data are for years ended June 30. See also headnote, table 181

SOURCE	1935	1936	1937	1938	1939
<b>Grand total</b> .....	<b>3,209,439</b>	<b>3,520,208</b>	<b>4,653,195</b>	<b>5,058,705</b>	<b>5,181,574</b>
<b>Income tax</b> .....	<b>1,089,230</b>	<b>1,412,938</b>	<b>2,148,664</b>	<b>2,586,244</b>	<b>2,151,375</b>
Corporation.....	572,118	738,522	1,056,923	1,209,932	1,122,541
Individual.....	527,113	674,416	1,091,741	1,286,312	1,028,834
Excess profits.....	6,560	14,509	25,105	36,569	27,056
Unjust enrichment.....			6,073	6,217	6,083
Capital stock.....	91,508	94,943	137,459	139,349	127,203
Estate tax: Transfer of estates of decedents.....	140,441	218,781	251,636	382,175	332,280
Gift tax: Transfer of any property by gift.....	71,071	100,050	23,012	34,699	28,436
<b>Liquor taxes</b> .....	<b>411,022</b>	<b>505,464</b>	<b>694,245</b>	<b>597,979</b>	<b>587,800</b>
Distilled spirits (imported) excise tax.....	15,108	19,568	32,237	28,250	25,015
Distilled spirits (domestic) excise tax.....	150,526	202,872	241,812	231,816	258,550
Distilled spirits, rectification tax.....	6,382	7,881	11,035	10,834	10,577
Still or sparkling wines, cordials, etc.....	6,780	8,908	5,991	5,802	6,395
Brandy used for fortifying sweet wines.....	502	1,411	3,060	1,056	1,369
Rectifiers; retail and wholesale liquor dealers; manufacturers of stills (special taxes).....	6,899	6,918	7,376	7,114	7,152
Stamp taxes.....	6,170	8,062	10,401	9,814	9,872
Floor taxes (Liquor Taxing Act of 1934).....	3,022	97	663	11	5,428
Fermented malt liquors.....	211,215	244,581	277,455	269,348	259,704
Brewers; retail and wholesale dealers in malt liquor (special taxes).....	4,340	4,545	4,129	3,844	3,637
<b>Tobacco</b> .....	<b>459,179</b>	<b>501,168</b>	<b>552,264</b>	<b>568,182</b>	<b>580,159</b>
Cigars (large).....	11,693	12,228	13,247	12,751	12,793
Cigars (small).....	144	193	145	191	120
Cigarettes (large).....	17	19	19	21	19
Cigarettes (small).....	385,460	425,486	476,027	493,433	504,037
Snuff.....	6,512	6,603	6,660	6,679	6,932
Tobacco, chewing and smoking.....	54,372	55,413	55,038	53,982	54,757
Cigarette papers and tubes.....	976	1,282	1,116	1,183	1,494
Miscellaneous collections.....	43,133	66,990	66,919	46,233	41,083
<b>Stamp taxes (not elsewhere enumerated)</b> .....	<b>17,935</b>	<b>28,163</b>	<b>28,652</b>	<b>20,884</b>	<b>19,366</b>
Bonds of indebtedness, issues of capital stock, deeds of conveyance, etc.....	15,747	33,055	31,351	18,355	17,094
Capital stock and similar sales or transfers.....	3,651	2,944	5,007	3,699	1,249
Sales of produce (future delivery).....	4,351	4,144	4,187	4,058	4,141
Playing cards.....	1,140	635	634	142	262
Silver bullion sales or transfers.....	842,975	592,778	450,630	417,200	396,982
<b>Manufacturers' excise taxes</b> .....	<b>27,800</b>	<b>27,103</b>	<b>31,463</b>	<b>31,565</b>	<b>30,497</b>
Lubricating oils.....	1,427	1,010	823	1,488	1,112
Brewers' wort, malt, grape concentrate, etc.....	6,000	6,886	6,000	4,684	1,134
Matches.....	161,532	177,340	199,533	203,948	207,019
Gasoline.....	32,577	33,575	35,975	38,455	39,859
Electrical energy.....	12,644	13,302	18,319	16,337	11,531
Toilet preparations, etc.....	2,076	3,321	5,920	5,342	3,693
Articles made of fur.....	6,158	7,000	9,031	6,097	6,008
Automobile trucks.....	38,003	48,201	65,205	43,365	42,723
Other automobiles and motorcycles.....	6,456	7,110	10,056	7,080	7,935
Parts or accessories for automobiles.....	26,638	32,208	40,816	31,567	34,819
Tires and inner tubes.....	3,025	5,075	6,754	5,840	4,834
Radio sets, phonograph records, etc.....	6,664	7,939	9,919	8,329	6,958
Mechanical refrigerators.....	9,369	5,531	6,802	6,063	4,861
Sporting goods.....	4,486	2,405	3,234	2,827	2,976
Firearms, shells, and cartridges.....	2,143	60	109	88	67
Pistols and revolvers.....	60	343	578	1,357	1,199
Cameras and lenses.....	793	807	928	1,005	1,111
Chewing gum.....	703	807	928	1,005	1,111
Candy, soft drinks, and jewelry.....	2,250	3,235	1,806	1,447	1,011
<b>Miscellaneous taxes:</b> .....				3,212	3,317
Bituminous Coal Act of 1937.....				30,560	65,414
Sugar Act of 1937.....				23,977	24,094
Telephone, telegraph, radio, and cable facilities.....	19,741	21,098	24,870	12,517	10,855
Transportation of oil by pipe line.....	9,480	9,794	11,244	20,801	19,471
Admission to theaters, concerts, cabarets, etc.....	15,379	17,112	19,740	2,040	2,013
Leases of safe-deposit boxes.....	2,318	1,937	2,040	2,348	2,466
Oleomargarine, including special taxes.....	2,049	2,204	2,848	573	574
Narcotics, including special taxes and marihuana.....	581	554	6,288	6,551	6,272
Club dues and initiation fees.....	5,784	6,091	29,688	27,470	27,665
Coconut, etc., oils processed.....	24,457	1,164	894	901	1,109
Crude petroleum processed, etc.....	1,700	1,193	1,97	1,118	1,88
Other miscellaneous receipts.....	20,644	48	265,745	742,060	740,489
<b>Pay-roll taxes</b> .....				58,119	101,167
Social Security Act (employment of 8 or more).....				207,339	529,836
Social Security Act (2 percent of pay rolls).....		48	287	149,476	109,427
Railroad employment compensation taxes.....					
<b>Agricultural adjustment and related taxes</b> .....	<b>528,222</b>	<b>71,637</b>			

<sup>1</sup> Includes delinquent taxes collected under repealed laws.

Source: See source of table 181.

No. 183.—INTERNAL REVENUE RECEIPTS, BY STATES AND TERRITORIES: FISCAL YEARS 1938 AND 1939

NOTE.—All figures in thousands of dollars. See headnote, table 181. Tax receipts are credited to the States 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

DIVISION, STATE, OR TERRITORY	TOTAL <sup>1</sup>		INCOME TAXES		MISCELLANEOUS INTERNAL REVENUE		PAY-ROLL TAXES <sup>2</sup>	
	1938	1939	1938	1939	1938	1939	1938	1939
<b>Total</b> .....	<b>5,658,706</b>	<b>5,181,574</b>	<b>2,586,244</b>	<b>2,151,375</b>	<b>2,329,861</b>	<b>2,289,770</b>	<b>742,660</b>	<b>740,420</b>
New England.....	844,076	801,503	182,152	149,359	101,426	97,546	50,496	54,298
Maine.....	15,076	15,453	8,768	9,555	3,254	2,730	3,053	3,108
New Hampshire.....	9,197	7,640	5,109	4,252	2,624	1,612	1,404	1,776
Vermont.....	4,736	4,327	2,406	2,063	1,090	1,045	1,179	1,219
Massachusetts.....	185,273	100,905	99,877	73,827	59,013	57,409	27,388	29,669
Rhode Island.....	32,479	27,553	17,481	12,256	11,162	11,108	3,835	4,180
Connecticut.....	90,311	85,625	58,461	47,906	24,283	23,441	13,576	14,278
Middle Atlantic.....	1,930,125	1,682,422	938,777	800,751	673,503	682,116	257,846	259,575
New York.....	1,244,299	1,051,943	691,504	550,070	394,104	387,693	158,091	164,180
New Jersey.....	210,510	201,827	100,399	84,103	88,210	93,087	21,900	23,738
Pennsylvania.....	475,317	438,672	206,874	166,579	191,188	200,436	77,265	71,667
East North Central.....	1,352,708	1,184,008	626,494	506,401	539,338	495,432	189,976	182,176
Ohio.....	335,417	288,246	154,622	120,621	132,667	120,619	48,128	47,006
Indiana.....	114,163	114,874	36,903	31,599	67,393	72,148	9,922	11,227
Illinois.....	467,664	436,320	236,997	197,550	177,301	163,548	83,065	75,222
Michigan.....	305,183	288,183	160,980	125,528	110,795	96,554	36,408	36,081
Wisconsin.....	90,681	80,406	36,990	31,103	48,137	42,663	11,854	12,740
West North Central.....	279,856	273,980	121,632	110,159	94,288	104,771	63,634	59,063
Minnesota.....	71,466	68,831	31,215	28,417	23,898	27,198	16,353	15,215
Iowa.....	24,593	23,553	12,904	11,711	6,556	5,867	5,133	5,974
Missouri.....	134,617	137,716	58,825	55,317	50,280	58,368	25,512	23,530
North Dakota.....	1,679	1,598	770	682	293	340	513	576
South Dakota.....	1,971	1,972	993	830	502	515	546	627
Nebraska.....	20,991	19,130	7,821	7,059	5,586	5,447	7,584	6,624
Kansas.....	24,637	21,191	9,473	7,639	7,171	7,035	7,903	6,517
South Atlantic.....	888,997	850,056	257,628	230,508	547,819	557,674	62,560	61,875
Delaware.....	80,717	71,804	68,632	61,564	8,693	6,978	3,391	3,322
Maryland.....	108,973	106,518	44,600	43,642	51,741	51,033	12,542	11,843
District of Columbia.....	35,761	30,140	19,548	16,800	8,112	5,936	8,100	7,404
Virginia.....	202,404	212,823	28,692	25,208	168,462	177,546	10,250	10,070
West Virginia.....	24,848	22,209	13,805	11,637	5,469	5,366	5,074	5,297
North Carolina.....	327,513	310,608	27,659	24,914	280,964	276,697	8,395	8,997
South Carolina.....	12,101	10,533	7,139	5,400	2,287	2,149	2,675	2,984
Georgia.....	33,725	33,837	18,895	16,955	7,305	9,709	7,525	7,174
Florida.....	42,959	51,432	28,566	24,397	9,786	22,200	4,008	4,784
East South Central.....	177,883	186,548	46,567	39,861	111,272	128,223	20,444	20,465
Kentucky.....	122,201	132,147	17,436	14,102	97,197	110,731	7,598	7,254
Tennessee.....	32,142	32,758	16,727	15,226	9,275	11,016	6,140	6,517
Alabama.....	16,920	16,491	8,695	7,343	3,591	3,056	4,874	5,094
Mississippi.....	6,811	6,152	3,709	3,131	1,499	1,420	1,432	1,601
West South Central.....	256,621	283,944	115,045	112,294	109,697	108,667	31,279	32,983
Arkansas.....	5,046	7,943	4,109	3,974	2,155	2,199	1,723	1,770
Louisiana.....	45,786	40,859	19,349	17,591	21,965	24,182	4,472	5,086
Oklahoma.....	62,662	59,338	21,587	20,857	35,289	32,384	6,786	6,097
Texas.....	139,526	139,804	69,940	69,871	50,287	49,902	19,209	20,031
Mountain.....	69,634	68,500	35,870	31,684	21,090	25,452	11,674	11,384
Montana.....	6,000	5,922	2,699	2,554	2,104	2,182	1,197	1,186
Idaho.....	4,362	4,230	2,437	2,012	809	1,096	1,107	1,121
Wyoming.....	3,353	2,826	1,575	1,415	1,213	844	565	567
Colorado.....	34,283	34,598	17,573	15,206	11,515	14,068	4,894	4,721
New Mexico.....	2,050	2,884	1,565	1,591	939	640	596	654
Arizona.....	4,613	4,370	2,581	2,480	939	846	993	1,043
Utah.....	8,138	9,615	3,927	3,441	2,712	4,557	1,499	1,617
Nevada.....	4,929	4,046	3,514	2,972	698	619	713	454
Pacific.....	365,001	355,627	181,045	161,713	130,163	138,926	53,793	56,988
Washington.....	34,491	32,655	17,245	14,279	10,011	11,149	7,234	7,227
Oregon.....	14,940	14,003	7,505	6,399	3,367	3,174	4,067	4,430
California.....	315,570	308,969	156,295	141,035	116,784	122,603	42,461	45,331
Alaska.....	905	960	538	568	146	144	221	247
Hawaii.....	14,395	11,894	10,106	7,570	2,961	2,951	1,237	1,393
Philippine Islands.....	406	373			406	373		
Puerto Rico.....	852	1,729		12	852	1,717		

<sup>1</sup> Includes collections for credit to trust accounts as follows: Total, 1938, \$14,931,000; 1939, \$19,220,000.  
<sup>2</sup> Social Security and Carrier Acts.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner

No. 184.—INCOME TAX RETURNS, INDIVIDUAL—SUMMARY: 1913 TO 1938

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 revenue laws these classes of individuals were required to file personal returns: For 1913 to 1916, those with net income of \$3,000 and over; 1917 to 1924, and 1932 to 1938, \$1,000 and over; 1925 to 1931, \$1,500 and over; or if married and living with husband or wife filing a joint return, \$2,000 for 1917 to 1923, \$2,500 for 1924, and 1932 to 1938, and \$3,500 for 1925 to 1931; also, beginning 1921, individuals with gross income of \$5,000 or over regardless of net income. Data for returns showing no net income, filed in accordance with the latter provision, are not included in statistics shown. Partnership net income or net loss is reported on the individual returns of copartners according to their shares. All income-tax data include Alaska and Hawaii

CALENDAR YEAR	NUMBER OF RETURNS			Net income	TAX BEFORE TAX CREDITS			Credits against tax <sup>1</sup>	Total tax, less credits
	Total	Taxable	Nontaxable		Normal tax	Surtax	Tax on capital net gain		
1913	357,598			3,900,000	12,720	15,525		28,254	
1914	357,515			4,000,000	16,559	24,487		41,046	
1915	336,052			4,600,000	23,096	43,948		67,044	
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		590,243	
1918	4,425,114	3,392,863	1,032,251	15,924,639	476,433	651,289		1,127,722	
1919	5,332,760	4,231,181	1,101,579	19,850,491	468,105	801,525		1,269,630	
1920	7,259,944	5,518,310	1,741,634	23,735,620	478,250	696,804		1,075,054	
1921	6,662,176	3,589,985	3,072,191	19,577,213	308,059	411,327		719,387	
1922	6,787,481	3,681,240	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	38,010	821,316	
1924	7,369,788	4,489,698	2,880,090	25,656,153	257,795	437,541	48,603	704,205	
1925	4,171,051	2,601,166	1,669,385	21,894,576	216,360	432,853	117,571	32,220	
1926	4,138,092	2,470,990	1,667,102	21,958,506	200,599	448,330	112,510	28,069	
1927	4,101,647	2,440,941	1,660,605	22,545,091	215,817	511,731	134,034	30,943	
1928	4,070,851	2,523,093	1,547,788	25,226,327	281,895	688,825	233,451	30,910	
1929	4,044,327	2,458,049	1,586,278	24,800,736	162,332	582,303	284,654	27,441	
1930	3,707,500	2,037,646	1,669,864	18,118,635	120,475	318,816	65,422	34,908	
1931	3,225,924	1,526,546	1,700,375	13,604,996	82,302	186,078	10,423	41,676	
1932	3,877,430	1,936,095	1,941,335	11,655,909	156,006	239,232	6,039	71,915	
1933	3,723,558	1,747,740	1,975,818	11,008,638	164,277	244,307	16,435	50,899	
1934	4,094,420	1,796,920	2,298,500	12,790,802	123,261	388,139		511,400	
1935	4,575,012	2,110,890	2,464,122	14,909,812	152,814	504,025		657,439	
1936	5,413,499	2,861,108	2,552,301	19,240,110	330,197	883,820		1,214,017	
1937	6,350,148	3,371,443	2,978,705	21,238,574	334,550	807,010		1,141,669	
1937 (prel.) <sup>2</sup>	6,231,431	3,310,201	2,921,230	21,088,537	339,366	802,840		1,142,206	
1938 (prel.) <sup>3</sup>	6,056,720	2,995,034	3,061,686	18,064,057	231,758	255,243		4764,175	

<sup>1</sup> See table 185 for detail, beginning with 1929.

<sup>2</sup> Includes war excess-profits taxes of \$101,250,000 on individuals and of \$103,888,000 on partnerships.

<sup>3</sup> Preliminary figures for 1937 returns filed through August 1938, and for 1938 returns filed through June 1939. Complete figures include additional returns filed to December 31, including final returns replacing tentative returns which are not tabulated.

<sup>4</sup> Includes alternative tax of \$277,174,000. The alternative tax is imposed on returns with net long-term capital gain when such alternative tax is less than the sum of the normal tax and surtax computed on net income including net long-term capital gain; and the alternative tax is imposed on returns with net long-term capital loss when such alternative tax is greater than the sum of the normal tax and surtax computed on net income after deducting net long-term capital loss.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part I.

No. 185.—INCOME TAX RETURNS, INDIVIDUAL—ANALYSIS: 1929 TO 1937

[All money figures, except as indicated, in millions of dollars. See headnote, table 184]

	1929	1930	1931	1932	1933	1934	1935	1936	1937
Total income <sup>1</sup>	29,845	22,319	17,268	14,392	13,394	16,098	17,317	21,888	24,454
Salaries and wages <sup>2</sup>	11,173	9,922	8,325	8,137	7,390	8,000	9,901	11,661	14,149
Business profit	3,328	2,628	1,890	1,295	1,403	1,717	1,855	2,374	2,493
Partnership profit <sup>3</sup>	1,846	1,090	730	483	604	632	740	1,022	1,139
Profits from sale of real estate, stocks, bonds, etc., except as noted <sup>4</sup>	2,336	637	302	113	420	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Capital net gain from sale of assets held over 2 years <sup>6</sup>	2,947	556	170	50	134	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Net capital gain						211	510	974	434
Rents and royalties	1,270	974	771	530	448	510	572	685	758
Dividends <sup>7</sup>	4,783	4,197	3,114	1,972	1,559	1,966	2,235	3,174	3,514
Fiduciary <sup>8</sup>	508	429	369	311	276	289	329	326	331
Interest on Govt. obligations <sup>9</sup>	40	38	25	29	32	38	44	44	48
Other taxable interest	1,908	1,608	1,338	1,142	962	900	901	888	862
Other income	204	239	236	331	167	221	231	240	226

For footnotes, see p. 182.

## NO. 185.—INCOME TAX RETURNS, INDIVIDUAL—ANALYSIS: 1929 TO 1937—Con.

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

	1929	1930	1931	1932	1933	1934	1935	1936	1937
General deductions <sup>1</sup> .....	5,044	4,201	3,683	2,738	2,855	2,298	2,407	2,648	3,218
Contributions.....	527	418	328	304	252	(7)	305	356	440
Net loss from sale of real estate, stocks, bonds, etc. <sup>2</sup> .....	995	1,233	1,161	375	366	(5)	(5)	(5)	(5)
Net capital loss.....						\$ 184	\$ 140	\$ 130	\$ 204
Business loss.....					62	64	67	80	98
Partnership loss <sup>3</sup> .....		173	135	113	30	20	24	21	20
Interest paid <sup>4</sup> .....	3,522				508	517	504	545	551
Taxes paid <sup>5</sup> .....		2,378	2,040	1,944	506	541	597	699	837
All other.....					661	688	764	788	980
Net income <sup>1</sup> .....	24,801	18,119	13,605	11,658	11,009	12,797	14,910	19,240	21,239
Prior year loss deduction.....	29	40	44	20	(11)	(11)	(11)	(11)	(11)
Exemptions and credits:									
Personal exemption.....	11,933	11,010	9,682	8,517	8,305	7,620	8,485	9,921	11,523
Credit for dependents.....						1,247	1,280	1,452	1,597
Less exemptions and credits in excess of net income.....	2,012	2,074	2,277	1,721	1,775	2,010	1,906	1,662	1,775
Earned income credit.....						12,876	14,944	12,231	13,481
Dividends <sup>7</sup> .....	4,783	4,197	3,114	1,972	1,550	1,966	2,235	(7)	(7)
Interest on Government obligations <sup>8</sup> .....	40	38	25	29	32	38	44	44	48
Capital net gain from sale of assets held over 2 years.....	2,347	556	170	50	134				
Less credits <sup>10</sup> .....	69	53	15	2	2				
Not exemptions.....	17,022	13,695	10,700	8,840	8,252	9,715	11,089	10,985	12,875
Net income subject to normal tax.....	7,750	4,884	3,861	2,781	2,756	3,082	3,820	8,255	8,364
Normal tax.....	162	120	82	157	164	123	153	330	335
Surtax.....	582	317	186	239	244	388	505	884	807
Tax on capital net gain from sale of assets held over 2 years.....	285	65	19	6	16				
Less tax credits:									
25 percent of tax on earned net income.....	22	25	17			(12)	(12)	(12)	(12)
12½ percent on net loss from sale of assets held over 2 years.....	5	10	24	72	51				
Net tax.....	1,002	477	248	380	374	511	657	1,214	1,142
Number of returns (thousands).....	4,044	3,708	3,225	3,877	3,724	4,094	4,575	5,413	6,350
Average net income per return.....	\$6,132	\$4,887	\$4,217	\$3,006	\$2,956	\$3,125	\$3,250	\$3,554	\$3,345
Average tax per return.....	\$248	\$129	\$76	\$85	\$100	\$123	\$144	\$224	\$180

<sup>1</sup> Total income and net income for 1929 to 1933 include net capital gains from sale of assets held over 2 years, whereas net income has not been reduced nor have deductions been increased by amount of net capital losses from such sales. For treatment of capital gains and losses for 1934 and later years, see note 5.

<sup>2</sup> Excludes salaries and wages of the individual, his wife, or dependent minors derived from business conducted by the individual.

<sup>3</sup> Dividends on stock of domestic corporations prior to 1936, taxable interest on obligations of the United States for all years, and prior to 1934, capital net gain from sale of assets held more than 2 years, received through partnerships and fiduciaries were reported under their respective classifications. For 1934 and subsequent years, income of partnerships and fiduciaries includes proportion of net capital gains and losses resulting from sales of capital assets through these entities required to be reported under Revenue Acts of 1934 and 1936.

<sup>4</sup> Exclusive of amount taxed as capital net gain from sales of assets held over 2 years.

<sup>5</sup> Under the Revenue Acts of 1934 and 1936, certain percentages (varying according to the period for which assets were held) of gains or losses from the sale of all capital assets are taken into account in computing net income, the deduction for capital losses being limited to \$2,000 after subtracting capital gains. Amounts shown as "net capital gain" and "net capital loss" represent the proportion of gains and losses required to be included and are not comparable with "profits (or net loss) from sale of real estate, stocks, bonds, etc." and "capital net gain from sale of assets held over 2 years" reported for earlier years; they exclude gain or loss on sale of capital assets through partnerships or fiduciaries (see note 3).

<sup>6</sup> Amount reported for tax at 12½ percent in lieu of normal tax and surtax.

<sup>7</sup> On stocks of domestic corporations prior to 1936; includes dividends on stocks of both domestic and foreign for 1936 and 1937, subject to normal tax and surtax. <sup>8</sup> Not wholly exempt from tax.

<sup>9</sup> Other than reported for tax credit on capital net loss from sale of assets held more than 2 years.

<sup>10</sup> Excludes amounts reported in business deductions. <sup>11</sup> No deduction allowed for prior year loss.

<sup>12</sup> Beginning with 1934 limited credit for earned income was allowed against net income in computing taxable income.

<sup>13</sup> Loss in ordinary net income for given year and net loss for prior year deductible from capital net gain.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part I.

No. 186.—INCOME TAX RETURNS, INDIVIDUAL, BY FAMILY RELATIONSHIP

	1932	1933	1934	1935	1936	1937
Number of returns.....	3,877,430	3,723,558	4,094,420	4,575,012	5,413,499	6,350,148
Joint returns of husbands and wives <sup>1</sup> .....	1,921,105	1,850,803	2,034,946	2,100,026	2,302,833	2,782,822
Separate returns of husbands and wives: Men.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	<sup>3</sup> 124,355	<sup>3</sup> 150,364	<sup>3</sup> 158,081
Women.....	83,005	79,530	87,471	<sup>3</sup> 105,659	<sup>3</sup> 136,211	<sup>3</sup> 158,302
Single men, heads of families.....	255,253	204,221	283,875	312,557	367,419	444,386
Single women, heads of families.....	169,140	164,471	171,173	170,653	199,535	213,490
All other men.....	820,352	779,259	889,951	1,033,314	1,290,657	1,597,843
All other women.....	623,483	569,244	603,214	660,703	769,692	891,778
Community property returns.....	15,092	15,970	23,790	31,148	40,311	54,281
Estates and trusts.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	36,797	48,477	48,315
Net income (1,000 dollars).....	11,656,809	11,008,638	12,796,802	14,909,812	19,240,110	21,258,574
Joint returns of husbands and wives <sup>1</sup> .....	7,033,000	6,743,448	7,865,596	7,656,773	9,321,442	10,505,776
Separate returns of husbands and wives: Men.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,391,784	2,071,764	2,044,910
Women.....	446,856	420,730	488,729	615,021	927,683	934,579
Single men, heads of families.....	629,940	622,703	670,492	771,608	967,966	1,211,750
Single women, heads of families.....	371,352	351,838	381,062	409,441	511,690	529,327
All other men.....	1,644,614	1,610,777	1,816,535	2,068,702	2,706,848	3,127,141
All other women.....	1,350,482	1,168,087	1,295,313	1,415,313	1,775,820	1,920,838
Community property returns.....	178,693	190,454	279,075	371,910	620,126	666,980
Estates and trusts.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	208,661	346,870	297,272

<sup>1</sup> Prior to 1935 includes returns of husbands whose wives though living with them file separate returns.

<sup>2</sup> Included in "Joint returns of husbands and wives."

<sup>3</sup> An unequal number of separate returns of husbands and wives results from the use of the sample method for returns with net income under \$5,000, as the net income of one spouse may be \$5,000 or over and that of the other spouse under \$5,000.

<sup>4</sup> Prior to 1935 returns of estates were distributed according to sex and family relationship of testator or grantor, and returns of property held in trust, according to sex and family relationship of beneficiary or sex and family relationship of testator or grantor if status of beneficiary could not be determined.

No. 187.—INCOME TAX RETURNS, INDIVIDUAL—PERCENT DISTRIBUTION OF INCOME BY SOURCE, BY NET-INCOME CLASSES: 1937

NET-INCOME CLASS (THOUSANDS OF DOLLARS)	Total income <sup>1</sup>	Salaries, wages, etc.	Dividends from domestic and foreign corporations	TAXABLE INTEREST		Partnership profit <sup>3</sup>	Income from fiduciaries <sup>3</sup>	Rents and royalties	Business profit	Net capital gain <sup>3</sup>	Other income
				Bank deposits, notes, mortgages, corporation bonds	Partially tax-exempt Government obligations <sup>2</sup>						
Total.....	100.00	57.85	14.37	3.53	0.20	4.05	3.40	3.10	10.20	1.78	0.92
Under 5 (est.).....	100.00	73.58	5.23	3.06	( <sup>4</sup> )	2.22	.90	3.09	10.19	.78	.95
5-10.....	100.00	49.92	12.05	4.03	.36	7.48	3.23	3.04	15.26	2.28	.85
10-25.....	100.00	38.36	23.22	4.78	.53	8.09	5.77	3.33	10.86	3.15	1.01
25-50.....	100.00	28.65	34.61	4.43	.64	9.33	8.59	2.84	6.48	3.40	.94
50-100.....	100.00	22.08	44.02	3.87	.53	7.04	10.63	2.43	3.78	3.00	.82
100-150.....	100.00	17.13	50.21	3.22	.46	6.76	12.12	2.29	2.74	4.39	.68
150-300.....	100.00	12.31	55.56	2.53	.31	5.11	14.60	2.02	2.33	4.37	.86
300-500.....	100.00	6.77	60.80	2.18	.32	2.07	15.95	.85	2.82	4.54	.30
500-1,000.....	100.00	3.48	68.36	1.53	.08	1.29	20.44	1.68	.76	2.18	.20
1,000 and over.....	100.00	1.15	64.10	2.37	.04	1.16	23.74	.35	.02	6.50	.57

<sup>1</sup> For amounts of income by sources and by income classes, see tables 188 and 191, respectively.

<sup>2</sup> Interest received on United States savings bonds and Treasury bonds owned in excess of \$5,000 and on obligations of certain instrumentalities of the United States is subject to surtax if the surtax net income is over \$4,000.

<sup>3</sup> See note on corresponding item, table 188.

<sup>4</sup> Includes taxable interest received on partially tax-exempt Government obligations.

<sup>5</sup> Tabulated with "taxable interest received on bank deposits, notes, mortgages, corporation bonds."

Source of tables 186 and 187: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 188.—INCOME TAX RETURNS, INDIVIDUAL—INCOME DISTRIBUTED BY SOURCE, BY STATES AND TERRITORIES: 1937

[All figures in thousands of dollars. For total income, see table 190]

DIVISION, STATE, OR TERRITORY	Salaries, wages, commissions, etc.	Dividends on stock of domestic and foreign corporations <sup>1</sup>	TAXABLE INTEREST		Partnership profit <sup>4</sup>	Income from fiduciaries <sup>5</sup>	Rents and royalties	Business profit	Net capital gain <sup>6</sup>	Other income
			Bank deposits, notes, mortgages, corporation bonds <sup>2</sup>	Partially tax-exempt Government obligations <sup>3</sup>						
Total.....	14,148,610	8,614,293	862,349	47,656	1,139,301	830,773	758,444	2,493,420	434,114	224,935
New England.....	1,185,049	410,001	103,289	3,715	60,607	123,701	41,834	197,756	39,478	15,361
Maine.....	50,536	19,371	8,165	317	3,354	6,438	2,724	14,525	2,058	1,264
New Hampshire.....	36,601	15,662	4,224	146	2,500	3,855	2,108	10,371	1,394	788
Vermont.....	26,120	6,981	2,183	85	1,820	1,374	1,037	5,340	508	475
Massachusetts.....	681,704	213,835	57,787	1,969	34,340	69,714	10,527	109,704	22,029	8,175
Rhode Island.....	94,781	33,793	9,247	425	4,788	10,717	4,086	12,799	2,894	1,078
Connecticut.....	295,308	120,359	21,680	773	13,793	30,663	12,352	45,008	10,600	3,581
Middle Atlantic.....	4,585,918	1,243,275	361,545	15,404	343,573	387,913	138,804	649,632	148,264	56,792
New York.....	2,565,497	787,434	230,150	9,642	229,319	227,537	73,280	248,270	101,089	30,229
New Jersey.....	717,459	157,491	52,893	1,450	20,016	45,704	18,579	94,140	15,040	10,158
Pennsylvania.....	1,302,963	298,350	78,502	4,800	84,342	64,672	46,945	207,113	31,535	16,406
East North Central.....	3,452,696	721,290	133,104	11,899	215,145	123,244	154,182	507,420	85,589	42,388
Ohio.....	878,515	197,736	26,195	4,800	46,972	46,747	36,398	126,929	10,722	8,020
Indiana.....	287,626	51,078	8,147	1,205	21,058	7,707	13,331	51,685	4,762	5,077
Illinois.....	1,268,317	269,522	56,135	3,014	93,230	50,574	62,868	176,337	38,207	16,441
Michigan.....	732,657	145,084	21,738	1,447	38,126	17,063	29,602	98,473	17,244	8,138
Wisconsin.....	285,572	50,870	20,889	1,024	14,759	6,153	11,953	35,909	5,694	4,703
West North Central.....	883,696	187,802	50,462	3,408	84,754	29,802	63,913	205,965	22,556	17,050
Minnesota.....	217,326	45,631	12,629	928	19,442	8,344	8,768	40,590	5,948	4,000
Iowa.....	119,956	23,208	7,440	232	16,306	3,301	10,676	44,317	2,472	2,822
Missouri.....	339,473	88,242	18,711	1,648	23,971	14,316	18,599	48,098	8,710	3,971
North Dakota.....	20,115	1,758	979	30	2,001	207	1,142	6,320	182	594
South Dakota.....	19,566	2,446	850	21	1,429	265	1,403	5,945	246	401
Nebraska.....	80,155	12,379	4,213	201	8,560	1,088	5,725	20,995	1,370	1,705
Kansas.....	87,105	14,339	5,640	346	13,045	2,281	17,005	33,690	3,627	3,551
South Atlantic.....	1,336,286	350,423	65,994	4,805	92,998	86,160	79,500	214,767	37,634	22,498
Delaware.....	44,315	47,860	3,813	86	2,336	13,454	1,663	6,022	3,380	1,392
Maryland.....	314,337	67,340	20,591	1,353	18,658	23,264	14,223	42,520	8,744	4,412
Dist. of Columbia.....	261,534	27,376	11,469	700	9,695	9,605	13,713	27,104	4,561	3,268
Virginia.....	172,211	41,782	6,898	601	10,329	8,641	8,556	26,340	4,073	2,082
West Virginia.....	125,456	23,917	2,510	476	7,110	3,178	6,794	19,668	2,332	1,643
North Carolina.....	114,758	39,654	2,520	223	12,460	4,218	9,420	23,484	2,282	2,500
South Carolina.....	49,985	8,632	2,104	110	4,836	1,544	3,307	11,423	1,157	1,054
Georgia.....	143,810	32,867	4,154	303	12,959	4,863	8,677	23,958	3,476	1,840
Florida.....	109,850	61,005	11,635	747	14,479	13,393	12,157	34,263	7,620	4,247
East South Central.....	374,249	73,110	15,272	1,184	44,537	11,929	33,875	78,267	6,282	6,344
Kentucky.....	111,521	27,642	4,878	676	11,615	4,685	6,880	23,756	2,669	2,204
Tennessee.....	158,486	26,891	4,215	236	12,649	3,692	7,613	23,832	2,701	1,948
Alabama.....	89,124	12,762	4,492	160	13,308	2,803	6,216	16,460	2,286	1,212
Mississippi.....	35,118	6,115	1,687	112	6,965	680	3,157	12,200	628	980
West South Central.....	686,861	141,233	32,824	3,582	118,311	18,591	119,296	208,118	32,998	26,514
Arkansas.....	37,649	6,402	2,008	201	8,108	1,170	4,892	11,840	1,347	1,643
Louisiana.....	117,018	26,422	6,843	625	17,979	2,244	14,733	25,638	4,604	3,544
Oklahoma.....	122,702	23,068	5,040	1,039	16,254	2,430	20,191	30,811	5,900	4,418
Texas.....	408,522	85,341	18,874	1,717	75,970	12,747	79,410	134,829	20,455	16,909
Mountain.....	316,300	66,172	17,241	1,107	35,980	8,859	30,126	91,687	10,640	7,978
Montana.....	58,219	5,198	1,669	76	4,417	487	2,915	13,076	993	1,377
Idaho.....	25,704	3,270	1,209	19	3,702	240	1,477	11,218	823	857
Wyoming.....	21,325	3,555	1,050	64	2,326	542	1,405	7,305	568	421
Colorado.....	87,356	31,288	7,813	655	10,052	3,769	6,334	25,715	3,494	2,049
New Mexico.....	24,082	3,503	1,254	48	4,542	793	2,296	9,580	862	737
Arizona.....	37,975	5,799	1,763	91	4,787	1,620	3,178	12,769	1,495	1,251
Utah.....	43,532	8,128	1,574	72	3,567	915	1,483	7,519	1,819	711
Nevada.....	17,508	5,431	903	82	2,587	1,467	947	4,466	1,056	556
Pacific and Alaska.....	1,287,576	305,540	81,779	3,167	141,431	58,397	115,261	339,189	48,210	29,312
Washington-Alaska.....	193,677	35,075	8,975	330	14,351	4,179	10,168	48,210	5,234	3,354
Oregon.....	90,626	12,482	4,665	191	11,516	1,756	5,187	20,206	2,225	1,090
California.....	997,272	257,983	68,130	2,646	115,534	52,462	99,906	264,624	40,552	24,282
Hawaii.....	39,866	14,548	1,140	83	2,064	3,139	2,749	7,804	1,166	756

<sup>1</sup> Excludes dividends received through partnerships and fiduciaries.

<sup>2</sup> Includes taxable interest received on partially tax-exempt Government obligations reported on returns with net income under \$5,000.

<sup>3</sup> Interest received on U. S. savings bonds and Treasury bonds, owned in excess of \$5,000, and on obligations of certain instrumentalities of the United States reported on returns with net income of \$5,000 and on obligations net capital gain or loss, and dividends received on stock of domestic and foreign corporations but excludes taxable interest on obligations of the United States which is included in the amount reported under its classification.

<sup>4</sup> Includes net capital gain or loss, and dividends received on stock of domestic and foreign corporations but excludes taxable interest on obligations of the United States which is included in the amount reported under its classification.

<sup>5</sup> See note 5, table 185, concerning treatment of capital gains and losses under Revenue Acts of 1934 and 1936.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 189.—INCOME TAX RETURNS, INDIVIDUAL, BY NET-INCOME CLASSES:  
1931 to 1937

NOTE.—See headnote, table 184. The net income here shown is subject to deduction of exemptions to give net income subject to tax; see tables 186 and 191. Data for returns with net income under \$5,000 are partly estimated and partly tabulated

NET-INCOME CLASS	1931	1932	1933	1934	1935	1936	1937
Number of returns.	3, 225, 924	3, 877, 430	3, 723, 558	4, 094, 420	4, 575, 012	5, 413, 409	6, 350, 148
Under \$1,000.....	185, 391	350, 688	397, 676	320, 460	290, 504	277, 803	297, 143
\$1,000 to \$2,000.....	862, 153	1, 489, 589	1, 480, 717	1, 480, 095	1, 777, 931	2, 111, 789	2, 524, 763
\$2,000 to \$3,000.....	675, 019	967, 960	914, 198	980, 682	1, 123, 609	1, 317, 752	1, 571, 996
\$3,000 to \$5,000.....	912, 630	703, 755	599, 075	762, 536	873, 673	1, 029, 144	1, 251, 213
\$5,000 to \$10,000.....	417, 655	251, 014	229, 754	290, 824	339, 842	440, 886	471, 171
\$10,000 to \$25,000.....	137, 754	79, 210	75, 643	102, 892	123, 554	170, 640	178, 446
\$25,000 to \$50,000.....	24, 308	18, 480	18, 423	20, 931	26, 029	41, 137	38, 948
\$50,000 to \$100,000.....	7, 830	5, 902	6, 021	6, 093	3, 033	13, 620	12, 318
\$100,000 to \$150,000.....	1, 634	995	1, 084	922	1, 395	2, 606	2, 269
\$150,000 to \$300,000.....	1, 059	595	695	690	896	1, 544	1, 358
\$300,000 to \$500,000.....	268	140	141	116	206	330	312
\$500,000 to \$1,000,000.....	149	86	81	86	109	178	162
\$1,000,000 and over.....	77	20	50	33	41	61	49
In thousands of dollars							
Net income.....	13, 604, 996	11, 655, 909	11, 008, 638	12, 796, 802	14, 009, 812	19, 240, 110	21, 236, 674
Under \$1,000.....	106, 622	231, 140	264, 785	211, 113	193, 000	187, 113	202, 401
\$1,000 to \$2,000.....	1, 399, 430	2, 145, 834	2, 093, 292	2, 277, 729	2, 534, 828	3, 011, 400	3, 592, 283
\$2,000 to \$3,000.....	1, 641, 594	2, 437, 251	2, 295, 588	2, 487, 851	2, 831, 583	3, 326, 252	3, 980, 864
\$3,000 to \$5,000.....	3, 515, 716	2, 437, 015	2, 207, 458	2, 839, 348	3, 249, 107	3, 821, 708	4, 646, 065
\$5,000 to \$10,000.....	2, 807, 001	1, 677, 039	1, 537, 875	1, 952, 891	2, 233, 402	2, 977, 790	3, 170, 671
\$10,000 to \$25,000.....	2, 006, 721	1, 160, 398	1, 112, 086	1, 513, 592	1, 822, 271	2, 628, 692	2, 639, 518
\$25,000 to \$50,000.....	820, 748	629, 639	630, 005	708, 530	832, 309	1, 400, 493	1, 310, 431
\$50,000 to \$100,000.....	528, 049	393, 206	401, 049	405, 976	535, 772	913, 518	824, 261
\$100,000 to \$150,000.....	196, 598	119, 806	129, 159	117, 744	166, 379	311, 279	272, 204
\$150,000 to \$300,000.....	212, 059	118, 008	139, 215	140, 960	179, 911	307, 930	272, 724
\$300,000 to \$500,000.....	102, 186	52, 469	54, 570	43, 832	77, 907	124, 523	117, 477
\$500,000 to \$1,000,000.....	102, 311	57, 874	56, 700	59, 464	73, 811	122, 762	114, 399
\$1,000,000 and over.....	166, 060	35, 240	86, 887	57, 775	73, 630	107, 641	85, 416
Net tax <sup>1</sup> .....	246, 127	329, 982	374, 120	511, 400	667, 439	1, 214, 017	1, 141, 589
Under \$1,000.....	24	103	97	111	125	331	468
\$1,000 to \$2,000.....	943	12, 254	10, 345	8, 659	10, 058	14, 010	17, 262
\$2,000 to \$3,000.....	2, 460	9, 822	7, 710	7, 567	9, 311	13, 988	15, 622
\$3,000 to \$5,000.....	3, 832	20, 895	18, 397	18, 349	20, 738	32, 232	38, 852
\$5,000 to \$10,000.....	12, 407	35, 615	35, 077	43, 086	48, 728	79, 369	83, 520
\$10,000 to \$25,000.....	31, 897	50, 150	54, 977	83, 960	103, 754	175, 513	175, 709
\$25,000 to \$50,000.....	40, 096	43, 546	52, 355	84, 907	106, 670	101, 330	179, 395
\$50,000 to \$100,000.....	44, 780	47, 150	57, 491	84, 792	112, 316	216, 045	194, 507
\$100,000 to \$150,000.....	23, 135	24, 469	30, 869	38, 166	54, 132	116, 156	102, 062
\$150,000 to \$300,000.....	28, 793	31, 012	40, 412	67, 995	74, 039	147, 981	131, 060
\$300,000 to \$500,000.....	15, 411	18, 554	17, 910	20, 854	37, 245	71, 470	67, 489
\$500,000 to \$1,000,000.....	15, 457	19, 016	21, 221	30, 745	38, 323	78, 045	74, 156
\$1,000,000 and over.....	26, 886	16, 476	27, 759	32, 211	41, 499	77, 138	61, 457
Average tax rate on net income, percent.....	1. 81	2. 83	3. 40	4. 00	4. 41	6. 31	5. 37
Under \$1,000.....	.02	.04	.04	.05	.06	.18	.23
\$1,000 to \$2,000.....	.07	.57	.49	.38	.40	.47	.48
\$2,000 to \$3,000.....	.15	.40	.34	.31	.33	.42	.39
\$3,000 to \$5,000.....	.11	.80	.83	.65	.64	.84	.84
\$5,000 to \$10,000.....	.44	2. 12	2. 28	2. 21	2. 13	2. 67	2. 63
\$10,000 to \$25,000.....	1. 59	4. 32	4. 94	5. 55	5. 69	6. 68	6. 66
\$25,000 to \$50,000.....	4. 89	6. 92	8. 31	11. 98	12. 09	13. 66	13. 60
\$50,000 to \$100,000.....	8. 48	11. 99	14. 34	20. 89	21. 06	23. 65	23. 60
\$100,000 to \$150,000.....	11. 77	20. 41	23. 51	32. 41	32. 64	37. 32	37. 49
\$150,000 to \$300,000.....	13. 58	27. 04	29. 03	41. 14	41. 15	47. 86	48. 06
\$300,000 to \$500,000.....	15. 08	36. 36	32. 82	47. 58	47. 81	57. 40	57. 45
\$500,000 to \$1,000,000.....	15. 11	32. 86	37. 43	51. 70	51. 92	64. 31	64. 82
\$1,000,000 and over.....	16. 19	46. 75	31. 96	55. 75	56. 36	71. 66	71. 95

<sup>1</sup> Includes normal tax and surtax, and also prior to 1934, tax at 12½ percent on capital net gain from sale of assets held more than 2 years, less tax credits.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.



No. 190.—INCOME TAX RETURNS, INDIVIDUAL, BY

[All money figures, except average per return

DIVISION, STATE, OR TERRITORY	1935			1936			1937		
	Number of returns	Net income	Tax	Number of returns	Net income	Tax	Number of returns	Total income	Deductions, including contributions
Total.....	4, 676, 012	14, 909, 812	657, 439	5, 413, 499	19, 240, 110	1, 214, 017	6, 350, 148	24, 454, 099	3, 215, 525
New England.....	441, 818	1, 430, 574	59, 640	501, 433	1, 758, 803	115, 051	566, 664	2, 179, 848	285, 948
Maine.....	21, 826	69, 456	2, 568	25, 057	88, 859	5, 181	28, 123	108, 752	13, 647
N. Hampshire.....	17, 687	51, 254	1, 435	19, 664	62, 820	3, 059	21, 641	77, 655	9, 600
Vermont.....	10, 903	30, 664	1, 504	12, 193	37, 146	1, 190	13, 874	45, 933	5, 286
Massachusetts.....	257, 495	825, 327	31, 804	284, 320	985, 904	58, 870	314, 390	1, 218, 784	164, 061
Rhode Island.....	33, 009	113, 641	6, 602	38, 424	141, 868	10, 753	43, 273	174, 607	23, 312
Connecticut.....	100, 893	340, 303	17, 227	121, 805	439, 100	35, 993	145, 363	554, 117	60, 133
Middle Atlantic.....	1, 465, 569	5, 116, 809	294, 623	1, 707, 778	6, 396, 931	508, 061	1, 943, 972	7, 611, 023	1, 141, 084
New York.....	352, 076	3, 106, 294	202, 671	976, 939	3, 864, 453	348, 687	1, 070, 628	4, 603, 053	727, 447
New Jersey.....	223, 489	737, 155	34, 004	230, 328	928, 153	54, 395	207, 053	1, 142, 836	141, 109
Pennsylvania.....	389, 094	1, 273, 383	57, 653	470, 511	1, 604, 325	104, 979	576, 291	2, 165, 134	272, 438
East North Central.....	954, 766	3, 011, 939	122, 499	1, 193, 980	4, 211, 572	350, 079	1, 481, 651	5, 445, 726	622, 547
Ohio.....	246, 888	786, 529	28, 582	308, 780	1, 078, 986	58, 476	384, 077	1, 386, 048	157, 004
Indiana.....	82, 436	245, 980	8, 487	103, 303	332, 021	15, 648	132, 218	455, 274	50, 359
Illinois.....	345, 857	1, 171, 834	51, 134	418, 303	1, 699, 035	102, 036	505, 060	2, 035, 245	230, 450
Michigan.....	173, 790	563, 270	23, 319	239, 363	862, 573	60, 303	308, 486	1, 110, 171	125, 435
Wisconsin.....	106, 785	258, 500	5, 677	124, 202	338, 951	13, 615	151, 820	461, 087	58, 330
West North Central.....	330, 782	991, 700	26, 264	389, 954	1, 259, 198	50, 679	441, 923	1, 549, 602	208, 381
Minnesota.....	72, 258	222, 294	6, 073	86, 291	296, 979	13, 677	107, 500	360, 512	47, 795
Iowa.....	57, 788	148, 826	2, 791	67, 345	184, 118	4, 841	72, 359	230, 729	33, 068
Missouri.....	110, 370	338, 068	12, 420	130, 521	462, 885	24, 211	145, 457	565, 739	73, 923
North Dakota.....	10, 039	23, 677	391	10, 809	20, 705	11, 408	33, 820	83, 820	4, 977
South Dakota.....	9, 582	24, 694	345	10, 724	27, 750	431	11, 328	32, 371	4, 701
Nebraska.....	31, 259	93, 113	1, 796	36, 887	115, 138	3, 222	40, 629	136, 892	16, 114
Kansas.....	39, 492	111, 404	2, 042	47, 374	146, 617	3, 946	53, 182	181, 230	20, 913
South Atlantic.....	423, 613	1, 395, 955	58, 440	491, 861	1, 777, 951	116, 610	572, 791	2, 280, 401	292, 891
Delaware.....	11, 371	64, 769	11, 402	13, 739	96, 695	16, 836	124, 310	19, 968	
Maryland.....	92, 550	316, 888	12, 013	105, 673	391, 688	21, 604	133, 183	614, 441	57, 990
Dist. of Col.....	95, 271	268, 867	7, 170	106, 893	327, 468	13, 201	110, 658	399, 025	39, 109
Virginia.....	54, 835	171, 204	5, 200	62, 440	218, 974	11, 791	71, 645	281, 613	36, 079
West Virginia.....	37, 324	106, 920	2, 276	47, 527	146, 746	5, 161	59, 323	193, 086	19, 415
North Carolina.....	35, 813	124, 880	6, 419	42, 075	156, 362	10, 690	48, 645	211, 635	36, 040
South Carolina.....	16, 823	47, 010	803	19, 975	61, 787	1, 454	23, 316	84, 168	13, 241
Georgia.....	46, 792	150, 963	4, 149	49, 512	181, 626	8, 470	56, 768	230, 996	31, 883
Florida.....	38, 021	144, 693	3, 933	44, 048	197, 705	18, 608	52, 417	274, 397	39, 766
East South Central.....	121, 816	377, 980	10, 251	141, 245	491, 489	19, 100	187, 572	635, 841	86, 257
Kentucky.....	39, 763	125, 101	3, 742	45, 189	157, 007	6, 582	51, 192	190, 535	28, 476
Tennessee.....	42, 341	135, 437	5, 037	48, 048	173, 317	7, 843	68, 598	222, 264	26, 735
Alabama.....	26, 141	80, 443	1, 702	31, 712	106, 648	3, 435	39, 959	148, 894	18, 760
Mississippi.....	13, 670	36, 879	870	16, 296	54, 517	1, 740	17, 823	68, 148	12, 280
West South Central.....	230, 584	744, 244	26, 794	266, 447	961, 442	44, 367	324, 759	1, 392, 645	210, 616
Arkansas.....	14, 085	43, 351	797	16, 587	61, 157	-2, 074	18, 502	75, 200	11, 206
Louisiana.....	40, 123	122, 582	3, 066	43, 728	160, 055	8, 395	54, 510	220, 550	28, 891
Oklahoma.....	44, 000	130, 148	3, 433	51, 277	170, 786	6, 632	65, 323	232, 002	41, 478
Texas.....	131, 447	430, 163	10, 498	156, 855	569, 444	27, 266	106, 415	854, 833	139, 241
Mountain.....	110, 885	343, 387	9, 098	141, 031	451, 876	18, 139	187, 010	577, 069	65, 550
Montana.....	19, 924	56, 720	992	23, 916	68, 788	1, 410	30, 468	88, 427	8, 844
Idaho.....	11, 005	29, 803	351	14, 201	41, 692	752	15, 683	48, 584	5, 240
Wyoming.....	8, 739	23, 679	646	10, 702	30, 827	1, 129	12, 247	39, 168	3, 879
Colorado.....	33, 475	108, 379	4, 067	40, 332	146, 499	8, 935	46, 371	178, 563	22, 401
New Mexico.....	9, 272	25, 409	365	11, 222	34, 953	3, 790	13, 596	47, 725	5, 255
Arizona.....	13, 941	38, 293	648	16, 842	51, 444	1, 420	20, 809	70, 759	8, 327
Utah.....	14, 088	39, 093	680	16, 262	50, 927	1, 458	19, 892	68, 830	9, 216
Nevada.....	6, 441	20, 681	1, 364	7, 554	27, 045	2, 226	8, 944	35, 023	3, 388
Pacific and Alaska.....	470, 949	1, 461, 633	47, 528	662, 648	1, 872, 310	87, 517	666, 412	2, 409, 710	292, 541
Washington and Alaska.....	69, 919	107, 924	3, 868	88, 040	259, 650	7, 876	104, 386	323, 531	27, 846
Oregon.....	33, 273	91, 396	1, 626	37, 778	118, 061	3, 213	51, 802	162, 638	18, 604
California.....	367, 787	1, 172, 303	42, 033	436, 126	1, 494, 690	76, 428	510, 224	1, 923, 541	246, 091
Hawaii.....	13, 262	46, 902	2, 306	15, 214	58, 738	4, 408	17, 304	73, 336	8, 511

1 For other exemptions and credits, see table 185. See also table 188 for interest on Government obligations, exempt from normal tax, distributed by States.

STATES AND TERRITORIES: 1935, 1936, AND 1937

and per capita tax, in thousands of dollars]

1937—Continued											DIVISION, STATE, OR TERRITORY
Net income	Personal exemption and credit for dependents <sup>1</sup>	Tax	Average per return		Tax per capita of total population	Percent of population filing returns <sup>2</sup>	Percent of United States total				
			Net income	Tax			Population <sup>3</sup>	Returns	Net in-	Tax	
21,238,574	13,120,718	1,141,666	3,344.58	179.77	8.80	4.30	100.00	100.00	100.00	100.00	Total.
1,983,901	1,112,288	107,023	3,342.19	188.86	12.45	6.69	6.63	8.92	8.92	9.38	N. E.
95,105	57,823	5,222	3,381.70	185.68	6.10	3.29	.06	.44	.45	.40	Maine.
68,046	42,748	3,230	3,144.32	149.28	6.33	4.24	.39	.34	.32	.28	N. H.
40,647	23,881	1,231	2,929.73	83.75	3.22	3.62	.30	.22	.19	.11	Vt.
1,053,823	626,154	52,382	3,351.96	166.61	11.84	7.10	3.41	4.95	4.96	4.59	Mass.
151,295	85,515	10,067	3,496.29	232.63	14.78	6.35	.52	.68	.71	.88	R. I.
484,984	271,607	34,891	3,336.37	240.02	20.04	8.35	1.34	2.29	2.28	3.06	Conn.
6,789,940	4,076,868	444,966	3,482.53	228.90	16.19	7.07	21.18	30.61	31.88	38.88	M. A.
3,875,608	2,255,367	296,063	3,619.94	276.53	22.85	8.26	9.09	16.80	18.25	25.93	N. Y.
1,001,637	631,857	51,564	3,371.91	173.58	11.87	6.84	3.35	4.68	4.72	4.52	N. J.
1,892,097	1,190,154	97,339	3,284.27	168.91	9.57	5.66	7.84	9.08	8.91	8.53	Pa.
4,823,177	3,017,159	243,664	3,255.27	164.45	9.43	5.73	19.92	23.33	22.71	21.34	E. N. C.
1,228,085	787,098	59,703	3,197.50	165.44	8.37	5.70	5.19	6.05	5.78	5.23	Ohio.
401,914	275,069	15,705	3,039.79	118.78	4.52	3.81	2.68	2.08	1.89	1.38	Ind.
1,804,785	1,033,979	103,228	3,573.48	204.39	13.10	6.41	6.07	7.95	8.50	9.04	Ill.
984,736	610,366	51,435	3,192.16	166.73	10.65	6.39	3.72	4.86	4.64	4.51	Mich.
403,636	301,647	13,593	2,658.37	89.53	4.65	5.19	2.26	2.39	1.90	1.19	Wis.
1,341,121	947,377	47,616	3,034.74	107.75	3.45	3.20	10.65	6.98	6.31	4.17	W. N. C.
321,717	219,480	11,909	2,991.05	110.72	4.49	4.06	2.04	1.69	1.51	1.04	Minn.
196,771	157,031	4,866	2,719.37	67.53	1.91	2.84	1.97	1.14	.93	.43	Iowa.
491,815	311,883	23,083	3,381.17	168.69	5.79	3.65	3.08	2.29	2.32	2.02	Mo.
28,352	25,138	359	2,486.27	31.46	.51	1.62	.54	.18	.13	.03	N. Dak.
27,870	24,658	377	2,460.31	33.29	.64	1.04	.53	.18	.13	.03	S. Dak.
120,277	88,857	2,961	2,980.38	72.63	2.16	2.98	1.05	.64	.57	.26	Nebr.
154,317	118,131	4,051	2,901.68	76.18	2.17	2.85	1.44	.84	.73	.35	Kans.
1,986,511	1,218,084	118,172	3,485.58	206.31	6.85	3.32	13.31	9.02	8.40	10.35	S. A.
104,342	33,101	25,219	6,197.53	1,497.91	96.62	6.45	.20	.27	.40	2.21	Del.
457,062	280,166	21,500	3,431.76	161.44	12.81	7.93	1.29	2.10	2.15	1.83	Md.
329,916	211,020	11,630	2,981.40	105.10	18.55	17.65	4.8	1.74	1.55	1.02	D. C.
245,434	157,432	12,379	3,425.70	172.78	4.57	2.65	2.09	1.13	1.16	1.08	Va.
173,671	120,868	5,204	2,927.56	87.72	2.79	3.18	1.44	.93	.82	.46	W. Va.
175,495	109,988	10,582	3,607.67	217.54	3.03	1.39	2.69	.77	.83	.93	N. C.
70,917	53,281	2,001	3,041.56	85.83	1.07	1.24	1.45	.37	.33	.18	S. C.
205,063	129,438	3,370	3,612.13	147.45	2.71	1.84	2.38	.89	.97	.73	Fla.
234,631	116,801	21,287	4,476.23	406.10	12.75	3.14	1.29	.83	1.10	1.86	Ga.
549,583	364,265	18,989	3,279.68	113.32	1.77	1.56	8.27	2.64	2.58	1.66	E. S. C.
168,069	110,056	5,723	3,282.91	111.80	1.96	1.75	2.25	.81	.79	.50	Ky.
195,529	125,817	7,568	3,336.79	129.16	2.62	2.03	2.23	.92	.92	.66	Tenn.
130,127	86,963	4,156	3,256.52	104.01	1.44	1.38	2.23	.63	.61	.36	Ala.
55,868	41,429	1,542	3,134.58	86.53	.76	.83	1.56	.28	.26	.14	Miss.
1,171,820	700,164	52,290	3,608.30	161.01	4.05	2.52	9.94	5.11	5.52	4.58	W. S. C.
64,054	43,459	1,934	3,462.02	104.53	.94	.90	1.58	.20	.30	.17	Ark.
191,659	117,242	8,172	3,515.45	149.90	3.33	2.56	1.64	.86	.90	.72	La.
190,524	131,403	8,266	3,443.85	149.41	3.24	2.17	1.96	.87	.90	.72	Okla.
725,592	408,060	33,918	3,694.18	172.69	5.50	3.18	4.76	3.09	3.42	2.97	Tex.
510,519	354,215	18,738	3,056.82	112.19	4.94	4.40	2.92	2.63	2.40	1.64	Mt.
79,533	62,395	1,226	2,612.02	40.32	2.28	5.65	.42	.48	.37	.11	Mont.
43,335	32,250	693	2,763.21	44.21	1.41	3.18	.58	.25	.20	.06	Idaho.
35,287	26,691	1,061	2,881.32	86.67	4.51	5.21	.18	.19	.17	.09	Wyo.
150,162	96,034	9,010	3,441.90	198.59	8.41	4.24	.83	.71	.74	.79	Colo.
42,469	29,121	1,141	3,123.67	83.95	2.70	3.22	.33	.21	.20	.10	N. Mex.
62,432	43,866	1,542	3,000.24	74.11	3.74	5.05	.32	.33	.29	.14	Ariz.
59,614	47,150	1,620	2,996.89	81.42	3.12	3.83	.40	.31	.28	.14	Utah.
31,635	17,297	2,440	3,537.02	272.79	24.16	8.86	.08	.14	.15	.21	Nov.
2,117,170	1,280,249	86,403	3,176.97	129.65	8.71	7.49	6.86	10.49	9.97	7.87	Pacific and Alaska.
295,685	197,757	8,315	2,832.61	79.66	4.83	6.07	1.33	1.64	1.39	.73	Wash. and Alaska.
144,034	106,842	3,252	2,780.48	62.77	3.17	5.04	.76	.82	.68	.28	Oreg.
1,077,450	686,150	74,836	3,287.67	146.67	12.16	8.29	4.74	8.03	7.90	6.56	Calif.
64,825	40,039	3,709	3,726.85	213.24	9.30	4.36	.31	.27	.31	.32	Hawaii

<sup>1</sup> Based on Census Bureau estimates as of July 1, 1937. See table 13, p. 10.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

# No. 191.—INCOME TAX RETURNS, INDIVIDUAL—ANALYSIS, BY NET-INCOME CLASSES: 1937

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

NET-INCOME CLASS (THOUSANDS OF DOL- LARS)	Number of returns	Total income	General deduc- tions in- cluding contribu- tions	Net in- come <sup>1</sup>	EXEMPTIONS FROM NORMAL TAX		
					Personal exemption and credit for de- pendents	Earned income credit	Interest on Gov- ernment obliga- tions <sup>2</sup>
Total.....	6,350,148	24,454,099	3,215,525	21,238,574	13,120,718	1,480,900	47,055
Under 1, free <sup>3</sup>	268,732	341,111	152,910	188,201	428,842	6,460	-----
Under 1, taxed	23,411	25,685	12,484	14,200	1,111	1,203	-----
1-2, free <sup>3</sup>	1,200,423	1,847,317	203,969	1,643,349	2,377,977	115,895	-----
1-2, taxed	1,318,340	2,149,547	200,613	1,948,934	1,322,698	193,020	-----
2-3, free <sup>3</sup>	1,120,096	3,100,543	303,295	2,857,249	3,207,407	202,498	-----
2-3, taxed	451,900	1,271,543	147,928	1,123,615	620,220	110,740	-----
3-4, free <sup>3</sup>	362,777	1,303,443	100,921	1,196,522	1,225,434	94,218	-----
3-4, taxed	522,193	2,070,341	250,519	1,819,822	1,204,469	172,941	-----
4-5, free <sup>3</sup>	19,931	95,540	10,456	85,083	83,191	6,567	-----
4-5, taxed	346,312	1,771,710	226,182	1,545,528	876,271	137,573	-----
4-6, free <sup>3</sup>	746	4,813	815	3,998	3,752	243	241
4-6, taxed	131,902	1,154,423	160,400	994,023	471,256	82,919	3,154
5-10	288,623	2,544,377	371,828	2,172,550	737,075	161,997	9,764
10-25	178,446	3,108,371	468,853	2,639,518	433,878	144,582	16,425
25-50	38,948	1,560,457	241,025	1,319,431	90,315	35,313	9,979
50-100	12,318	937,107	162,846	824,261	27,785	11,102	5,220
100-150	2,269	327,123	54,859	272,264	4,961	2,019	1,608
150-300	1,358	335,306	62,672	272,724	2,913	1,137	1,036
300-500	312	148,859	31,381	117,477	638	230	473
500-1,000	162	141,652	27,253	114,399	363	113	118
1,000 and over	49	103,732	18,316	85,416	110	38	37

NET-INCOME CLASS (THOUSANDS OF DOL- LARS)	TAX			AVERAGE		PERCENT DISTRIBUTION		
	Total	Normal tax	Surtax	Total	Effective tax rate (percent)	Returns	Net in- come	Tax
Total.....	1,141,589	\$34,550	807,019	179.77	5.37	100.00	100.00	100.00
Under 1, free <sup>3</sup>	-----	-----	-----	-----	-----	4.23	.89	-----
Under 1, taxed	498	468	-----	16.47	3.30	.45	.07	.04
1-2, free <sup>3</sup>	-----	-----	-----	-----	-----	19.00	7.74	-----
1-2, taxed	17,232	17,262	-----	13.09	.89	20.76	9.18	1.51
2-3, free <sup>3</sup>	-----	-----	-----	-----	-----	17.64	13.45	-----
2-3, taxed	15,622	15,622	-----	34.57	1.39	7.12	5.29	1.37
3-4, free <sup>3</sup>	-----	-----	-----	-----	-----	5.71	5.63	-----
3-4, taxed	17,585	17,586	-----	33.68	.97	8.22	8.57	1.54
4-5, free <sup>3</sup>	-----	-----	-----	-----	-----	.81	.40	-----
4-5, taxed	21,266	21,149	117	61.41	1.38	5.45	7.28	1.86
4-6, free <sup>3</sup>	-----	-----	-----	-----	-----	.01	.02	-----
4-6, taxed	18,260	17,486	774	100.38	1.84	2.88	4.68	1.60
5-10	65,269	50,666	14,603	226.22	3.00	4.54	10.23	5.72
10-25	175,709	81,898	93,901	984.06	6.66	2.81	12.43	15.39
25-50	179,395	47,407	131,988	4,006.01	13.60	.61	6.21	15.71
50-100	194,607	31,232	163,375	15,790.49	23.60	.19	3.88	17.04
100-150	102,062	10,551	91,511	44,981.00	37.49	.04	1.28	8.94
150-300	131,060	10,706	120,354	96,509.46	48.06	.02	1.28	11.48
300-500	67,489	4,645	62,844	216,311.78	57.45	( <sup>4</sup> )	.55	5.91
500-1,000	74,156	4,552	69,604	457,732.20	64.82	( <sup>4</sup> )	.54	6.50
1,000 and over	61,457	3,400	58,048	1,254,231.29	71.95	( <sup>4</sup> )	.40	5.38

<sup>1</sup> Includes net capital gain and net capital loss computed as explained in note 5, table 185, p. 182.

<sup>2</sup> If not wholly exempt from tax.

<sup>3</sup> Specific exemptions equal or exceed net income.

<sup>4</sup> Less than five-thousandths of 1 percent.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 192.—INCOME TAX RETURNS, CORPORATION—SUMMARY: 1911 TO 1938

NOTE.—All money figures in thousands of dollars. Statistics are based on taxpayers' returns as filed, un-audited except to insure proper execution of the returns. They include data for Alaska and Hawaii. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, charitable, etc., not operating for profit. Under the Revenue Act of 1934, the privilege of filing consolidated returns, which had formerly been permitted for groups of affiliated corporations, was limited to steam and electric railroads. The Revenue Act of 1936 extended this privilege to street, suburban, and interurban electric railways. These changes resulted in marked differences between the industrial and the net-income or deficit classifications of returns for 1934 and subsequent years and those for 1933 and prior years and also in the distribution of returns by size-of-assets classes. Corporations are classified industrially according to their predominant business. Owing to the diversified activities of many corporations, the industrial groups include some corporations not engaged exclusively in the industries classified. Tables showing the effect of the discontinuance of the consolidated return on the tabulated data will be found in Statistics of Income for 1934, Part 2

CALENDAR YEAR	NUMBER OF RETURNS				Net income <sup>1</sup>	Deficit <sup>1</sup>	TAX		
	Total	Report- ing net income	Report- ing no net in- come <sup>2</sup>	Inactive corporations			Total	Income tax	War-and excess- profits tax
1911	288,352	<sup>3</sup> 55,129	<sup>4</sup> 233,223		3,503,000	( <sup>5</sup> )	<sup>6</sup> 28,583	<sup>6</sup> 28,583	
1912	305,338	<sup>3</sup> 81,116	<sup>4</sup> 244,220		4,161,000	( <sup>5</sup> )	<sup>6</sup> 35,006	<sup>6</sup> 35,006	
1913	810,909	188,866	128,043		4,714,000	( <sup>5</sup> )	<sup>6</sup> 43,128	<sup>6</sup> 43,128	
1914	<sup>7</sup> 299,445	174,205	125,240		3,940,000	( <sup>5</sup> )	<sup>6</sup> 30,145	<sup>6</sup> 30,145	
1915	<sup>7</sup> 366,443	190,911	175,532		5,310,000	( <sup>5</sup> )	<sup>6</sup> 56,994	<sup>6</sup> 56,994	
1916	341,253	206,984	134,260		8,765,909	656,904	171,805	171,805	
1917	351,426	232,079	119,347		10,730,360	629,608	2,142,446	503,098	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	206,634	110,564		9,411,418	965,546	2,175,342	743,536	1,431,806
1920	345,595	203,233	142,362		7,902,655	2,029,424	1,625,235	636,508	988,726
1921	356,397	171,239	185,158		4,336,048	3,878,210	701,576	366,444	335,132
1922	382,883	212,535	170,348		6,065,811	2,193,776	783,776	775,100	8,466
1923	398,933	233,339	165,594		8,321,529	2,013,555	937,106	937,106	
1924	417,421	236,389	181,032		7,586,652	2,223,026	881,550	881,550	
1925	430,072	252,334	177,738		9,583,084	1,962,628	1,170,331	1,170,331	
1926	455,320	283,134	197,186		9,673,403	2,168,710	1,229,797	1,229,797	
1927	475,031	259,849	165,820	49,356	8,981,884	2,471,739	1,130,674	1,130,674	
1928	495,892	268,783	174,828	52,281	10,617,741	2,391,124	1,184,142	1,184,142	
1929	509,436	269,430	186,591	53,415	11,653,886	2,914,128	1,193,436	1,193,436	
1930	518,736	221,420	241,616	55,700	6,428,813	4,877,595	711,704	711,704	
1931	516,404	175,898	283,806	56,700	3,683,368	6,970,913	398,994	398,994	
1932	508,636	82,646	369,238	56,752	2,153,113	7,700,687	285,576	285,576	
1933	504,080	109,786	337,056	57,238	2,085,072	5,533,339	423,008	416,093	<sup>8</sup> 6,976
1934	528,898	145,101	324,703	59,004	4,275,197	4,181,027	569,048	588,375	<sup>8</sup> 7,673
1935	533,631	164,231	312,882	56,518	5,164,723	3,468,774	735,125	710,156	<sup>8</sup> 24,969
1936	530,779	203,161	275,696	51,922	9,478,241	2,152,024	<sup>9</sup> 1,191,378	<sup>9</sup> 1,169,765	<sup>8</sup> 21,613
1937	529,097	192,028	285,810	51,259	9,634,837	2,280,846	<sup>9</sup> 1,276,172	<sup>9</sup> 1,232,837	<sup>8</sup> 43,335
1938 (prel.)	520,500	169,885	301,146	49,469	6,525,989	2,853,093	<sup>9</sup> 860,566	<sup>9</sup> 853,578	<sup>8</sup> 5,988

<sup>1</sup> For 1935 and prior years, net income or deficit represents amount for income tax computation. For 1936 and later years, net income or deficit represents amount for excess-profits tax computation and includes dividends received on stock of domestic corporations subject to taxation under title I of the effective revenue acts and interest received on certain Government obligations subject to excess-profits tax and excludes contributions or gifts (limited to 5 percent of net income before deduction of contributions or gifts).

<sup>2</sup> Includes inactive concerns prior to 1927. <sup>3</sup> Returns showing net income in excess of \$5,000 exemption. <sup>4</sup> Returns showing net income not in excess of \$5,000 exemption or deficit. <sup>5</sup> Not available.

<sup>6</sup> Receipts for year ended June 30 following year in stub as reported by Commissioner of Internal Revenue. Figures shown for 1911 and 1912 and \$10,671,000 of the amount shown for 1913 are excise tax receipts.

<sup>7</sup> Figures for 1915 contain approximately 32,000 returns which properly belong in 1914.

<sup>8</sup> Excess-profits tax (effective June 30, 1933, under provisions of the National Industrial Recovery Act).

<sup>9</sup> Includes surtax on undistributed profits according to provisions of Revenue Act of 1936.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 193.—INCOME TAX RETURNS, CORPORATION—ANALYSIS,

NOTE.—All money figures in thousands of dollars. For amount of "net loss for prior year" allowed as See also footnote,

DIVISION, STATE, OR TERRITORY	Total number of returns	RETURNS WITH NET INCOME						Tax	
		Number reporting net income	Percent of total number of returns	Gross income <sup>2</sup>	Expenses and deductions	Net income <sup>3</sup>	Total	Income	
1927	475,081	259,849	54.70	115,324,340	106,342,455	8,981,884	1,130,674	1,130,674	
1928	495,892	268,783	54.20	127,369,525	116,761,784	10,617,741	1,184,142	1,184,142	
1929	509,486	269,430	52.89	129,633,792	117,979,906	11,653,886	1,193,436	1,193,436	
1930	518,736	221,420	42.68	89,561,495	83,132,682	6,428,813	711,704	711,704	
1931	513,404	175,893	34.06	52,051,035	48,367,067	3,683,968	398,994	398,994	
1932	508,636	82,646	16.25	31,707,963	29,554,850	2,153,113	285,576	285,576	
1933	504,080	109,786	21.78	46,752,366	43,766,394	2,985,972	423,068	423,068	
1934	528,898	145,101	27.44	62,920,954	58,645,757	4,276,197	596,048	588,375	
1935	535,631	164,231	30.78	77,441,506	72,276,783	5,164,723	635,125	710,156	
1936	530,779	203,161	38.28	104,763,755	95,285,514	9,478,241	1,191,738	1,160,765	
1937	529,097	192,028	36.29	108,989,096	99,354,258	9,634,837	1,278,173	1,232,837	
New England	41,842	15,004	35.86	7,040,720	6,510,709	530,023	73,569	70,903	
Maine	3,787	1,312	34.64	312,183	287,689	24,495	3,236	3,165	
New Hampshire	1,429	624	43.07	179,042	165,536	13,407	1,910	1,813	
Vermont	1,182	482	40.78	115,149	107,547	7,602	1,294	1,238	
Massachusetts	22,548	8,634	35.03	4,000,493	3,769,934	290,569	38,515	37,265	
Rhode Island	3,498	1,164	33.28	510,630	477,156	42,474	6,329	5,887	
Connecticut	9,393	3,338	35.05	1,854,232	1,702,747	151,486	22,275	21,640	
Middle Atlantic	178,933	50,588	28.88	39,495,864	35,681,833	3,813,851	498,291	454,088	
New York	121,825	33,341	27.37	27,611,532	24,767,486	2,844,046	333,042	324,156	
New Jersey	27,481	7,091	25.80	2,831,569	2,477,324	354,245	37,959	37,136	
Pennsylvania	27,087	10,154	37.49	9,052,583	8,337,023	715,560	97,290	93,306	
East North Central	197,385	43,903	40.88	31,334,461	29,019,781	2,314,679	368,766	348,306	
Ohio	26,433	11,790	44.52	7,822,207	7,220,563	601,644	88,652	85,208	
Indiana	12,612	5,163	40.94	1,654,860	1,533,714	121,146	19,298	18,613	
Illinois	30,221	13,823	38.10	11,405,620	10,624,673	780,947	121,414	117,478	
Michigan	10,424	6,860	41.77	3,420,984	7,740,756	680,228	107,232	105,248	
Wisconsin	15,595	6,267	40.19	2,030,890	1,900,175	130,714	23,170	21,750	
West North Central	47,533	18,219	38.31	8,656,030	6,224,902	481,128	64,651	62,147	
Minnesota	10,637	4,114	38.68	1,820,448	1,714,762	105,687	15,175	14,568	
Iowa	7,910	3,255	41.15	777,572	731,146	46,426	6,987	6,663	
Missouri	15,157	5,884	38.82	2,878,862	2,661,078	217,784	33,606	32,336	
South Dakota	2,439	630	25.83	73,659	71,217	2,442	337	317	
South Dakota	2,348	553	23.81	77,087	74,424	2,663	357	348	
Nebraska	4,511	1,626	36.05	432,455	405,068	27,368	4,025	3,919	
Kansas	4,861	2,057	45.10	595,947	567,187	28,769	4,164	3,996	
South Atlantic	48,366	21,312	44.07	8,114,366	7,028,823	1,080,543	119,656	118,296	
Delaware	3,177	1,605	50.52	1,064,258	1,133,170	531,038	39,618	39,244	
Maryland	6,212	2,519	40.55	1,134,486	1,011,067	122,519	15,544	15,089	
Dist. of Col.	2,847	1,219	42.82	453,204	411,009	42,195	5,414	5,313	
Virginia	6,832	3,229	47.26	988,325	880,138	108,187	15,658	15,260	
West Virginia	4,505	2,213	49.12	681,886	628,530	53,056	8,275	7,787	
North Carolina	6,020	3,145	52.24	1,337,685	1,232,120	105,565	15,938	15,493	
South Carolina	3,413	1,553	45.50	430,311	403,860	23,451	4,066	4,597	
Georgia	5,500	2,626	46.89	888,360	827,174	61,186	8,994	8,600	
Florida	9,760	3,203	32.85	535,851	495,555	40,296	5,251	4,904	
East South Central	16,035	7,398	45.95	3,411,254	2,283,226	148,027	23,280	22,013	
Kentucky	4,961	2,345	47.27	907,035	850,214	56,820	8,810	8,409	
Tennessee	5,073	2,856	46.44	828,127	778,899	49,228	7,828	7,447	
Alabama	3,872	1,542	43.17	463,431	433,890	29,542	4,753	4,462	
Mississippi	2,429	1,125	46.32	212,661	200,214	12,447	1,830	1,665	
West South Central	30,598	18,352	48.84	5,568,825	5,135,192	428,634	62,721	59,484	
Arkansas	2,551	1,178	46.18	246,553	232,546	14,007	2,010	1,873	
Louisiana	6,382	2,689	42.13	859,373	791,493	67,880	9,653	9,197	
Oklahoma	5,501	2,234	39.96	1,215,198	1,110,493	98,706	13,999	13,441	
Texas	18,074	7,251	40.11	3,242,701	2,094,660	248,041	37,110	34,973	
Mountain	18,273	6,477	35.45	1,521,193	1,402,014	119,176	15,933	15,116	
Montana	2,062	830	34.88	150,954	142,209	8,745	1,254	1,211	
Idaho	1,800	694	32.13	122,328	110,125	12,202	1,780	1,599	
Wyoming	1,400	506	42.52	48,456	45,098	3,358	464	415	
Colorado	6,071	2,030	33.44	572,856	516,265	56,590	7,586	7,294	
New Mexico	1,032	462	44.77	73,559	69,484	4,075	576	533	
Arizona	1,497	563	37.61	136,008	127,243	7,765	1,170	1,039	
Utah	2,691	1,008	37.46	233,999	216,132	17,867	2,328	2,258	
Nevada	940	275	29.26	184,033	175,458	8,574	785	767	
Pacific	11,622	15,168	36.47	6,669,083	5,862,883	616,202	83,077	78,757	
Washington	41,578	3,615	32.65	914,624	848,060	66,565	8,549	8,084	
Oregon	1,000	1,848	34.25	435,038	412,489	22,550	3,490	3,290	
California	25,120	9,705	38.63	5,219,431	4,691,444	527,987	71,038	67,383	
Alaska	246	104	43.09	10,813	9,555	1,257	186	165	
Hawaii	808	633	65.97	271,649	230,330	41,319	5,099	4,959	

<sup>1</sup> No income data reported.

<sup>2</sup> For 1927 to 1931 gross income corresponds to total income as reported on face of return, plus "cost of goods sold," and for 1932 to 1937 gross income corresponds to total income as reported on face of return, plus "cost of goods sold" and "cost of operations." For 1934 and 1935 interest on Liberty bonds, etc., 1936 and 1937 gross income includes interest received on certain Government obligations which is subject to the excess-profits tax.

1927 to 1937, and by States and Territories, 1937

a deduction from net income in computing taxable net incomes for 1927 to 1932, see table 108, p. 198, table 192

RETURNS WITH NET INCOME—COL.		RETURNS WITH NO NET INCOME					INACTIVE CORPORA-TIONS <sup>1</sup>		DIVISION STATE, OR TERRITORY
Tax—Con.	Percent distribution of total tax	Number reporting no net income	Percent of total number of returns	Gross income <sup>2</sup>	Expenses and deductions	Deficit <sup>3</sup>	Num-ber of returns	Percent of total number of returns	
Excess profits									
		165,826	34.91	29,074,012	31,545,751	2,471,739	49,356	10.39	1927.
		174,328	35.26	25,411,989	27,803,114	2,391,124	52,281	10.54	1928.
		186,591	36.63	30,987,717	33,901,846	2,914,128	53,415	10.49	1929.
		241,618	46.58	46,500,564	51,378,159	4,877,595	56,700	10.74	1930.
		283,806	54.66	55,464,204	62,436,117	6,970,913	55,700	10.98	1931.
		369,238	72.59	49,375,775	57,172,461	7,796,687	56,752	11.16	1932.
		337,056	66.87	36,890,055	42,423,394	5,533,330	57,238	11.35	1933.
		324,703	61.39	37,910,299	42,001,326	4,181,027	59,094	11.17	1934.
		312,882	58.63	36,494,664	39,963,438	3,468,774	56,518	10.50	1935.
		275,696	51.94	27,514,178	29,666,202	2,152,024	51,922	9.78	1936.
		285,810	54.02	32,877,981	35,268,327	2,383,646	51,259	9.69	1937.
		24,155	57.73	3,092,730	3,249,067	226,277	2,693	6.41	N. E.
		2,040	63.87	202,944	216,800	13,862	435	11.49	Maine.
		759	53.11	57,262	59,777	2,614	46	3.22	N. H.
		842	54.31	52,372	55,689	3,317	58	4.91	Vt.
		13,191	58.50	1,852,242	1,980,000	127,758	1,323	5.87	Mass.
		2,093	58.98	273,252	285,617	12,365	271	7.75	R. I.
		5,460	58.10	684,708	651,098	66,361	550	5.85	Conn.
		112,030	63.51	12,992,545	13,937,692	945,066	13,777	7.81	Mid. Atl.
		79,794	65.50	9,363,880	10,012,507	648,626	8,690	7.13	N. Y.
		18,186	66.18	1,425,500	1,562,958	127,458	2,204	8.02	N. J.
		14,050	61.87	2,203,165	2,372,137	168,972	2,863	10.64	Pa.
		52,483	48.87	7,602,397	8,063,468	451,089	11,069	10.25	E. N. C.
		13,132	49.59	1,646,580	1,740,090	93,513	1,561	5.89	Ohio.
		5,745	45.55	505,593	535,926	30,332	1,704	13.51	Ind.
		18,607	51.29	4,029,226	4,236,745	207,519	3,851	10.61	Ill.
		7,717	46.99	875,543	951,481	75,939	1,847	11.25	Mich.
		7,282	46.69	545,449	589,215	43,766	2,046	13.12	Wis.
		23,212	48.80	2,917,833	3,110,180	192,346	6,132	12.89	W. N. C.
		4,960	46.63	754,943	804,044	49,100	1,563	14.69	Minn.
		3,359	42.47	383,807	405,208	21,401	1,296	16.38	Iowa.
		7,668	50.50	1,195,824	1,290,615	94,791	1,605	10.59	Mo.
		1,334	54.69	42,908	45,158	2,260	475	10.48	N. Dak.
		1,348	57.41	48,178	50,705	2,527	347	14.78	S. Dak.
		2,319	51.41	103,445	175,200	11,815	566	12.55	Neb.
		2,224	48.76	328,728	339,190	10,462	280	6.14	Kans.
		22,871	47.30	2,146,967	2,294,900	147,942	4,173	8.63	S. Atl.
		1,174	36.95	134,477	160,088	15,611	398	12.53	Del.
		2,975	47.89	532,787	569,533	36,765	718	11.56	Md.
		1,403	40.28	247,764	254,656	6,892	225	7.90	D. C.
		3,184	46.00	235,851	258,035	22,214	419	6.13	Va.
		2,034	45.15	168,317	181,907	13,590	258	5.73	W. Va.
		2,578	42.82	214,545	224,329	9,785	297	4.93	N. C.
		1,614	47.29	119,821	126,693	6,872	246	7.21	S. C.
		2,722	48.61	230,260	243,058	12,798	252	4.50	Ga.
		5,187	53.20	263,185	286,571	23,385	1,360	13.95	Fla.
		7,544	47.05	630,022	666,604	36,582	1,123	7.00	E. S. C.
		2,282	46.00	193,305	204,591	11,196	334	6.73	Ky.
		2,880	47.03	233,258	245,744	12,486	331	6.52	Tenn.
		1,764	49.38	133,143	140,700	7,557	266	7.45	Ala.
		1,112	45.78	70,226	75,569	5,343	192	7.90	Miss.
		14,283	46.52	1,211,132	1,307,250	96,117	3,013	9.85	W. S. C.
		1,141	44.73	75,025	79,095	3,471	232	9.09	Ark.
		3,098	48.54	225,259	238,949	13,689	595	9.32	La.
		2,824	50.51	318,242	343,164	24,922	533	9.53	Okla.
		7,170	44.61	592,006	646,042	54,035	1,653	10.28	Tex.
		6,626	46.85	590,068	633,993	43,924	3,271	17.90	Mt.
		1,423	52.80	69,663	74,562	4,899	330	12.26	Mont.
		791	36.62	32,795	35,744	2,949	975	31.25	Idaho.
		560	47.06	21,060	22,318	1,267	124	10.42	Wyo.
		3,001	49.43	231,672	253,772	22,100	1,040	17.13	Colo.
		429	41.57	18,937	19,951	1,314	141	13.66	N. Mex.
		680	45.42	43,276	46,060	2,791	254	16.97	Ariz.
		1,226	45.56	77,428	84,035	6,607	457	16.98	Utah.
		415	44.15	95,537	97,545	2,007	250	26.60	Nev.
		20,409	49.07	1,830,434	1,989,693	139,259	6,011	14.45	Pacific.
		5,350	48.32	312,410	338,557	26,147	2,107	19.03	Wash.
		2,779	51.50	222,574	237,133	14,559	769	14.25	Oreg.
		12,280	48.89	1,295,450	1,394,003	93,553	3,135	12.48	Calif.
		98	39.84	4,510	4,831	321	42	17.07	Alaska.
		250	30.94	29,303	31,253	1,950	25	3.09	Hawaii.

<sup>1</sup> See note 1, table 192.

<sup>2</sup> Includes excess-profits tax of \$37,540 for 1934 and \$19,534 for 1935 on returns with no net income, since credit for interest received on certain obligations of the United States and its instrumentalities is not allowed against net income in the computation of the excess-profits tax. For 1936 and 1937, includes surtax on undistributed profits.

No. 194.—INCOME TAX RETURNS, CORPORATION, BY STATES AND TERRITORIES:  
1934 TO 1937

[All figures in thousands of dollars. See headnote, table 192]

DIVISION, STATE, OR TERRITORY	NET INCOME (CORPORATIONS REPORTING NET INCOME) <sup>1</sup>				TOTAL INCOME AND EXCESS-PROFITS TAX <sup>2</sup>			
	1934	1935	1936	1937	1934	1935	1936	1937
<b>Total</b> .....	<b>4, 275, 197</b>	<b>5, 164, 723</b>	<b>9, 478, 241</b>	<b>9, 634, 837</b>	<b>598, 048</b>	<b>735, 125</b>	<b>1, 191, 378</b>	<b>1, 276, 172</b>
<b>New England</b> .....	<b>295, 284</b>	<b>364, 280</b>	<b>574, 593</b>	<b>530, 023</b>	<b>40, 947</b>	<b>51, 598</b>	<b>75, 010</b>	<b>73, 559</b>
Maine.....	12, 638	13, 410	22, 357	24, 495	1, 770	1, 910	2, 828	3, 236
New Hampshire.....	7, 780	7, 074	10, 716	13, 407	1, 074	1, 001	1, 538	1, 810
Vermont.....	4, 005	4, 787	6, 601	7, 602	557	677	1, 007	1, 294
Massachusetts.....	177, 365	223, 173	350, 995	280, 559	24, 604	31, 810	43, 938	38, 515
Rhode Island.....	20, 367	25, 368	40, 184	42, 474	2, 827	3, 576	5, 666	6, 329
Connecticut.....	73, 219	90, 438	143, 740	151, 486	10, 115	12, 624	20, 033	22, 275
<b>Middle Atlantic</b> .....	<b>1, 689, 217</b>	<b>1, 977, 382</b>	<b>3, 736, 043</b>	<b>3, 913, 351</b>	<b>234, 854</b>	<b>277, 361</b>	<b>420, 279</b>	<b>468, 291</b>
New York.....	1, 191, 532	1, 447, 070	2, 690, 810	2, 844, 040	105, 793	202, 888	294, 505	333, 042
New Jersey.....	167, 161	180, 725	373, 429	354, 245	23, 171	25, 242	41, 941	37, 959
Pennsylvania.....	330, 524	349, 627	674, 798	715, 560	45, 890	49, 231	83, 833	97, 290
<b>East North Central</b> .....	<b>1, 031, 668</b>	<b>1, 387, 898</b>	<b>2, 348, 151</b>	<b>2, 314, 679</b>	<b>142, 787</b>	<b>202, 333</b>	<b>346, 794</b>	<b>358, 766</b>
Ohio.....	269, 674	324, 748	585, 888	524, 027	35, 329	46, 168	82, 892	88, 552
Indiana.....	60, 116	82, 779	128, 287	121, 146	8, 485	12, 102	19, 528	19, 298
Illinois.....	368, 385	461, 663	793, 017	780, 947	51, 590	66, 302	115, 908	121, 414
Michigan.....	282, 582	456, 526	720, 735	680, 228	39, 187	68, 015	109, 153	107, 232
Wisconsin.....	31, 209	62, 182	120, 224	130, 714	7, 196	8, 846	10, 308	23, 170
<b>West North Central</b> .....	<b>273, 668</b>	<b>277, 541</b>	<b>478, 087</b>	<b>431, 129</b>	<b>38, 304</b>	<b>39, 289</b>	<b>65, 183</b>	<b>64, 651</b>
Minnesota.....	59, 810	69, 070	123, 540	105, 687	8, 367	9, 668	15, 241	15, 175
Iowa.....	27, 254	34, 631	60, 225	46, 426	3, 841	4, 972	7, 021	6, 987
Missouri.....	142, 801	134, 044	222, 864	217, 784	19, 917	18, 333	31, 719	33, 606
North Dakota.....	2, 083	2, 236	2, 680	2, 442	298	332	349	337
South Dakota.....	1, 736	2, 206	3, 410	2, 633	249	315	443	357
Nebraska.....	19, 005	15, 994	32, 674	27, 308	2, 701	2, 269	4, 750	4, 025
Kansas.....	19, 990	20, 300	42, 674	28, 759	2, 821	2, 900	5, 665	4, 164
<b>South Atlantic</b> .....	<b>387, 097</b>	<b>433, 369</b>	<b>1, 041, 403</b>	<b>1, 090, 543</b>	<b>53, 940</b>	<b>61, 224</b>	<b>112, 622</b>	<b>119, 658</b>
Delaware.....	93, 329	128, 568	490, 045	531, 088	13, 027	18, 205	37, 183	39, 618
Maryland.....	55, 948	55, 806	124, 717	122, 519	7, 724	7, 809	14, 524	15, 644
Dist. of Columbia.....	22, 871	27, 023	46, 287	42, 195	3, 194	3, 833	5, 930	5, 414
Virginia.....	54, 682	50, 778	94, 794	108, 187	7, 613	7, 063	14, 539	16, 659
West Virginia.....	29, 008	34, 388	53, 126	53, 050	4, 039	4, 863	7, 439	8, 275
North Carolina.....	65, 566	70, 243	103, 821	105, 369	9, 125	9, 817	15, 302	15, 936
South Carolina.....	14, 169	11, 774	22, 320	26, 451	1, 960	1, 660	3, 700	4, 060
Georgia.....	35, 126	26, 683	63, 653	61, 186	4, 901	3, 802	8, 737	8, 994
Florida.....	18, 458	22, 100	40, 840	40, 296	2, 340	3, 212	5, 259	5, 251
<b>East South Central</b> .....	<b>88, 099</b>	<b>96, 863</b>	<b>158, 570</b>	<b>149, 027</b>	<b>12, 369</b>	<b>13, 785</b>	<b>24, 549</b>	<b>23, 230</b>
Kentucky.....	43, 078	46, 680	67, 875	59, 820	6, 147	6, 592	10, 557	8, 810
Tennessee.....	28, 511	33, 141	63, 267	49, 228	4, 012	4, 732	8, 203	7, 828
Alabama.....	10, 940	11, 121	25, 291	20, 532	1, 608	1, 692	3, 932	4, 763
Mississippi.....	4, 670	6, 015	12, 137	12, 447	662	860	1, 854	1, 839
<b>West South Central</b> .....	<b>179, 069</b>	<b>208, 635</b>	<b>370, 411</b>	<b>428, 834</b>	<b>25, 251</b>	<b>29, 945</b>	<b>51, 330</b>	<b>62, 721</b>
Arkansas.....	6, 002	7, 101	13, 313	14, 007	859	1, 023	1, 830	2, 010
Louisiana.....	31, 487	35, 823	62, 750	67, 880	4, 425	5, 236	8, 347	9, 653
Oklahoma.....	49, 076	61, 861	81, 217	98, 708	6, 889	8, 836	11, 013	13, 939
Texas.....	92, 504	103, 850	213, 131	248, 041	13, 061	14, 850	30, 140	37, 119
<b>Mountain</b> .....	<b>59, 055</b>	<b>74, 440</b>	<b>123, 488</b>	<b>119, 178</b>	<b>8, 464</b>	<b>10, 648</b>	<b>16, 131</b>	<b>15, 938</b>
Montana.....	5, 520	8, 622	10, 609	8, 745	1, 240	1, 240	1, 546	1, 254
Idaho.....	3, 690	6, 435	10, 373	12, 202	521	907	1, 397	1, 780
Wyoming.....	1, 413	1, 922	2, 757	3, 358	200	277	454	464
Colorado.....	32, 985	38, 338	60, 733	56, 590	4, 039	5, 479	8, 354	7, 686
New Mexico.....	2, 059	2, 151	4, 217	4, 075	297	313	642	676
Arizona.....	3, 279	4, 401	6, 478	7, 765	472	642	881	1, 120
Utah.....	7, 606	9, 358	16, 532	17, 867	1, 062	1, 331	2, 015	2, 378
Nevada.....	3, 403	3, 213	11, 789	8, 574	486	459	1, 039	785
<b>Pacific</b> .....	<b>288, 690</b>	<b>312, 143</b>	<b>598, 178</b>	<b>616, 202</b>	<b>36, 761</b>	<b>44, 464</b>	<b>79, 790</b>	<b>83, 077</b>
Washington.....	25, 764	32, 449	63, 898	65, 665	3, 637	4, 653	7, 971	8, 549
Oregon.....	9, 235	13, 830	24, 911	22, 550	1, 263	1, 906	3, 074	3, 490
California.....	228, 691	265, 864	507, 369	527, 987	31, 831	37, 810	62, 115	71, 038
<b>Alaska</b> .....	<b>556</b>	<b>836</b>	<b>916</b>	<b>1, 257</b>	<b>82</b>	<b>126</b>	<b>131</b>	<b>186</b>
<b>Hawaii</b> .....	<b>16, 586</b>	<b>31, 236</b>	<b>47, 421</b>	<b>41, 319</b>	<b>2, 200</b>	<b>4, 350</b>	<b>5, 591</b>	<b>5, 099</b>

<sup>1</sup> See note 1, table 192.

<sup>2</sup> Includes surtax on undistributed profits for 1936 and 1937.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 195.—INCOME TAX RETURNS, CORPORATION, BY INDUSTRIAL GROUPS: 1930 TO 1937

NOTE.—All money figures in thousands of dollars. See headnote, table 102. Inactive corporations are excluded. For 1933 to 1937 total tax includes excess-profits tax, and for 1930 and 1937, surtax on undistributed profits. See also note 4, table 193

YEAR	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
	Number	Net income <sup>1</sup>	Total tax	Number	Deficit <sup>1</sup>	Number	Net income <sup>1</sup>	Total tax	Number	Deficit <sup>1</sup>
	All corporations					Agriculture and related industries				
1930	221,420	6,428,813	711,704	241,610	4,877,595	3,475	40,484	4,041	6,431	86,370
1931	175,808	3,683,368	398,994	283,806	6,970,913	2,546	14,002	1,201	7,364	98,779
1932	82,646	2,153,113	285,576	369,238	7,796,687	1,153	5,979	675	8,615	94,062
1933	109,786	2,985,972	423,068	337,056	5,533,339	1,443	14,894	2,157	7,818	60,212
1934	145,101	4,275,197	596,048	324,703	4,181,027	1,995	30,572	4,278	7,331	85,272
1935	164,231	5,164,723	735,125	312,882	3,468,774	2,321	43,901	6,196	6,734	40,253
1936	203,161	9,478,241	1,191,378	275,696	2,152,024	2,020	65,837	8,983	6,025	32,707
1937	192,023	9,034,837	1,276,172	255,810	2,280,846	2,636	57,320	7,838	6,067	33,583
	Mining and quarrying					Manufacturing—Total				
1930	4,700	194,118	21,474	7,533	238,459	40,641	2,757,508	316,992	50,863	1,639,844
1931	3,832	71,154	7,211	8,201	325,963	30,270	1,464,619	165,311	58,815	2,287,589
1932	2,888	62,675	7,445	9,178	287,042	14,985	757,501	99,949	72,931	2,593,855
1933	2,982	71,686	10,201	8,866	248,127	20,354	1,460,632	207,362	62,295	1,256,586
1934	4,460	156,063	21,884	9,083	165,373	34,023	1,906,104	205,943	57,260	920,180
1935	4,327	162,036	22,915	9,188	173,879	37,976	2,482,773	356,883	63,700	669,324
1936	5,146	300,048	38,612	8,642	124,146	45,926	4,072,631	607,662	46,104	370,993
1937	5,083	427,621	60,859	8,484	128,368	41,974	4,127,465	652,271	50,005	424,344
	Manufacturing—Continued									
	Food products <sup>2</sup>					Liquors and beverages <sup>2</sup>				
1930	7,897	436,451	49,869	6,328	128,498					
1931	6,466	326,910	30,823	7,524	203,478					
1932	3,629	199,387	25,201	10,653	207,211					
1933	4,247	264,006	37,537	7,934	80,428	898	73,362	10,506	1,048	14,175
1934	5,374	302,328	42,410	7,150	51,130	1,308	97,648	13,829	1,540	15,723
1935	5,312	317,071	45,254	7,283	55,807	1,466	107,824	15,731	1,481	16,355
1936	6,233	417,665	60,076	6,028	37,743	1,767	176,013	28,803	1,294	13,324
1937	5,300	280,098	40,796	6,040	63,804	1,633	162,769	29,080	1,478	16,421
	Tobacco products					Textile mill products <sup>3</sup>				
1930	195	143,788	17,216	197	6,655	5,678	105,610	11,122	8,753	369,690
1931	155	142,404	17,066	211	5,906	4,875	77,830	7,351	9,503	342,637
1932	114	138,399	19,061	256	5,151	2,467	41,052	5,047	11,872	332,249
1933	122	65,224	9,006	261	14,893	5,664	203,733	28,774	9,310	96,838
1934	131	96,290	13,246	245	2,086	5,682	141,702	19,796	9,741	124,914
1935	139	99,419	13,714	228	1,221	6,120	171,425	24,604	9,254	100,258
1936	153	127,968	18,432	211	1,198	3,903	221,904	36,036	3,782	44,055
1937	140	126,648	18,645	213	2,040	3,013	160,320	27,153	4,400	69,374
	Clothing and apparel <sup>3</sup>					Leather and its manufactures				
1930						894	38,691	4,389	1,515	64,124
1931						754	30,091	3,340	1,437	64,737
1932						468	18,687	2,404	1,810	61,797
1933						973	47,686	6,749	1,365	20,761
1934						976	36,408	5,084	1,368	17,545
1935						1,090	47,766	6,766	1,258	9,009
1936	3,633	56,344	8,677	4,455	14,044	1,200	59,647	7,791	1,144	14,272
1937	2,790	32,845	5,104	5,120	19,036	1,023	34,601	5,257	1,311	13,564
	Rubber, bone, celluloid, and ivory products					Forest products				
1930	227	12,242	1,336	354	63,876	2,340	35,825	3,591	4,868	152,460
1931	174	14,004	1,371	361	38,154	1,625	14,966	1,379	5,150	109,138
1932	96	2,779	301	426	41,517	541	5,271	660	5,929	212,389
1933	215	13,339	1,919	330	10,000	1,638	22,745	3,272	4,882	95,335
1934	267	14,976	2,114	340	10,566	1,812	27,210	3,806	4,726	76,708
1935	286	30,119	4,464	312	9,989	2,384	37,968	5,443	4,199	53,623
1936	330	54,771	8,639	259	3,183	3,145	80,841	13,257	3,360	37,920
1937	320	47,454	6,372	294	3,712	3,102	93,569	14,436	3,373	25,640

<sup>1</sup> For definition of net income and deficit, see note 1, table 192.

<sup>2</sup> "Food products" includes "Liquors and beverages," for years prior to 1933.

<sup>3</sup> "Textile mill products" includes "Clothing and apparel," for years prior to 1936.



No. 195.—INCOME TAX RETURNS, CORPORATION, BY INDUSTRIAL GROUPS:  
1930 TO 1937—Continued

[All money figures in thousands of dollars]

YEAR	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
	Number	Net income <sup>1</sup>	Total tax	Number	Deficit <sup>1</sup>	Number	Net income <sup>1</sup>	Total tax	Number	Deficit <sup>1</sup>
Manufacturing—Continued										
Paper, pulp, and products					Printing, publishing, and allied industries					
1930	1,114	73,641	8,475	953	36,379	6,098	176,137	19,641	5,271	54,512
1931	832	37,472	4,239	1,200	53,776	4,693	115,795	12,895	6,810	77,802
1932	473	16,600	2,297	1,582	81,075	2,155	58,804	7,795	9,510	96,170
1933	993	52,356	7,419	1,106	36,090	2,713	71,079	9,977	8,886	57,917
1934	1,208	80,889	11,334	1,032	28,418	4,490	117,465	16,349	7,618	64,163
1935	1,296	92,321	12,952	938	31,994	4,895	140,037	19,718	7,495	45,978
1936	1,440	128,346	19,630	848	15,810	5,469	188,475	27,822	6,811	28,475
1937	1,383	140,044	23,439	867	12,030	5,117	183,821	27,544	7,070	36,776
Chemicals and allied products <sup>4</sup>					Petroleum and other mineral oil products <sup>4</sup>					
1930	3,287	534,077	62,961	3,727	175,459					
1931	2,797	251,493	29,409	4,047	318,864					
1932	1,741	167,778	22,644	5,315	223,266					
1933	2,458	272,900	38,775	4,696	180,213					
1934	3,049	324,031	45,170	4,569	178,543					
1935	3,156	366,128	51,269	4,360	114,331					
1936	3,303	479,278	65,142	3,508	18,769	357	224,627	23,671	389	21,110
1937	3,107	457,110	64,144	3,676	19,062	324	300,815	34,951	381	21,287
Stone, clay, and glass products					Metal and its products <sup>5</sup>					
1930	1,805	92,812	10,487	2,713	53,374	3,188	1,003,020	116,140	11,904	400,375
1931	1,149	41,683	4,614	3,076	79,171	4,744	365,221	40,624	14,174	760,951
1932	424	13,270	1,760	3,685	110,098	1,917	71,098	9,558	16,191	1,054,566
1933	642	34,762	4,012	3,186	55,635	4,291	287,192	40,042	13,849	494,126
1934	997	61,751	8,550	2,747	36,527	6,844	535,147	74,415	12,437	278,421
1935	1,253	88,695	12,696	2,524	31,216	8,426	874,503	128,442	10,702	169,108
1936	1,781	161,516	24,807	2,015	15,607	10,467	1,113,920	175,431	8,563	74,915
1937	1,684	161,524	25,486	2,263	17,416	10,491	1,381,350	240,821	8,775	70,727
Motor vehicles, complete or parts <sup>5</sup>					Manufacturing—All other					
1930						2,918	105,216	11,756	4,280	134,443
1931						2,206	56,661	6,201	5,272	143,375
1932						960	24,377	3,273	5,696	138,367
1933						1,500	51,736	7,482	4,842	85,175
1934						1,825	70,192	9,837	3,767	41,456
1935						2,144	108,897	15,861	3,676	30,433
1936	367	433,348	66,174	390	11,664	2,378	155,967	23,576	3,047	17,878
1937	381	418,814	65,726	426	13,047	2,166	136,668	23,270	3,319	20,430
Construction					Transportation and other public utilities					
1930	8,871	150,548	15,210	9,674	82,488	12,109	1,334,229	156,573	9,522	333,528
1931	8,457	80,569	7,625	11,675	111,048	10,933	902,635	105,585	10,622	605,249
1932	2,115	36,691	3,639	15,204	141,060	6,700	708,168	98,118	14,981	839,051
1933	2,140	23,638	3,441	14,112	91,445	7,429	657,272	92,582	14,349	743,110
1934	3,853	31,694	4,548	12,588	66,482	9,808	919,298	126,929	15,571	642,896
1935	4,242	49,260	7,482	11,808	55,737	10,600	927,144	128,705	14,833	572,047
1936	6,202	74,136	11,773	10,443	37,305	11,196	1,376,520	173,428	13,657	353,885
1937	6,103	84,493	14,617	10,761	36,890	10,866	1,503,021	198,179	13,816	410,004

<sup>1</sup> For definition of net income and deficit, see note 1, table 192.

<sup>4</sup> "Chemicals and allied products" includes "Petroleum and other mineral oil products," for years prior to 1936.

<sup>5</sup> "Metal and its products" includes "Motor vehicles, complete or parts," for years prior to 1936.

No. 195.—INCOME TAX RETURNS, CORPORATION, BY INDUSTRIAL GROUPS: 1930 to 1937—Continued

[All money figures in thousands of dollars]

YEAR	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
	Number	Net income <sup>1</sup>	Total tax	Number	Deficit <sup>1</sup>	Number	Net income <sup>1</sup>	Total tax	Number	Deficit <sup>1</sup>
	Trade					Service				
1930	59,741	651,097	64,106	71,746	738,695	18,741	234,227	23,705	19,472	179,230
1931	46,049	460,035	45,708	86,790	1,025,431	15,637	117,925	11,081	22,538	241,288
1932	20,951	234,674	30,644	111,363	1,030,924	7,140	64,392	8,596	36,142	480,481
1933	39,275	435,820	62,189	98,621	476,184	7,566	66,982	8,717	35,419	378,023
1934	52,823	670,386	94,277	88,053	349,182	11,194	107,807	15,211	34,718	288,406
1935	57,813	767,428	108,806	87,008	301,252	13,358	127,448	18,243	36,289	268,518
1936	69,263	1,136,419	173,546	76,257	213,049	18,445	232,164	32,446	41,298	243,235
1937	62,432	1,064,765	168,386	80,652	230,798	19,191	225,726	34,146	41,017	210,064
	Finance—Banking, insurance, etc.					Nature of business not given				
1930	72,102	1,064,816	109,455	64,477	1,566,677	1,040	1,786	88	1,898	12,303
1931	59,129	570,502	55,100	75,434	2,256,843	1,045	1,795	105	2,228	18,724
1932	26,395	287,992	36,576	98,725	2,335,500	339	1,041	135	2,099	14,813
1933	22,369	200,569	36,362	99,314	2,273,806	228	479	69	1,262	5,838
1934	37,257	452,414	62,850	98,839	1,657,190	188	908	127	1,251	5,058
1935	33,231	603,274	85,814	91,702	1,381,593	163	560	83	1,590	9,168
1936	43,866	2,219,938	144,842	71,828	771,494	197	648	86	1,482	5,200
1937	43,581	2,143,795	139,786	73,498	802,643	172	661	91	1,510	4,152

<sup>1</sup> For definition of net income and deficit, see note 1, table 192.

No. 196.—GROSS INCOME OF CORPORATIONS, BY INDUSTRIAL GROUPS: 1930 TO 1937

NOTE.—In millions of dollars. For 1930 to 1935 gross income excludes nontaxable income, except dividends on capital stock of domestic corporations, but includes receipts from all other sources. For 1936 and 1937 gross income includes interest on certain Government obligations subject to excess-profits tax, and dividends, unlike former years, are taxable. Sales are included on gross basis, but only net profits from the sale of capital assets are included. See also headnote, table 192

INDUSTRIAL GROUP	1930	1931	1932	1933	1934	1935	1936	1937
Total	136,082	107,515	81,084	83,642	100,831	113,938	132,278	141,667
Agriculture and related industries	671	492	368	395	538	590	726	783
Mining and quarrying	2,909	2,229	1,665	1,958	2,538	2,625	3,067	3,580
Manufacturing, total	58,650	44,033	31,076	35,151	41,093	47,898	56,055	62,457
Food products	12,015	9,355	7,290	7,285	8,345	9,328	10,390	10,879
Liquors and beverages								
Tobacco products	1,171	1,184	1,040	943	1,060	1,111	1,216	1,301
Textile mill products	6,417	5,301	3,884	4,652	5,260	5,907	4,511	4,632
Clothing and apparel								
Leather and its manufactures	1,389	1,110	841	988	1,033	1,164	1,283	1,332
Rubber, bone, celluloid, and ivory	1,100	817	636	718	756	789	962	1,107
Forest products	1,988	1,348	854	994	1,095	1,318	1,748	1,930
Paper, pulp, and products	1,579	1,272	1,009	1,163	1,314	1,492	1,720	1,888
Printing, publishing, etc.	2,063	2,285	1,789	1,651	1,857	2,028	2,283	2,438
Chemicals and allied products	9,727	7,324	6,458	6,280	6,649	7,428	3,925	4,220
Petroleum and other mineral oil products								
Stone, clay, and glass products	1,410	1,041	670	719	840	1,018	1,381	1,526
Metal and its products	17,198	11,514	6,597	8,137	10,628	13,655	12,570	15,343
Motor vehicles, complete or parts								
All other manufacturing	1,094	1,482	1,000	1,022	1,206	1,436	1,663	1,839
Construction	3,042	2,236	1,438	1,079	1,257	1,493	2,013	2,462
Transportation and public utilities	15,996	13,386	11,239	10,609	11,110	11,585	12,812	13,449
Trade	37,209	30,593	23,133	24,199	33,011	37,530	43,271	46,437
Service	4,165	3,679	3,092	2,821	3,974	3,708	4,649	4,837
Finance—Banking, insurance, etc.	13,297	10,830	8,157	7,421	7,905	8,503	8,777	8,953
Nature of business not given	33	37	15	10	6	5	8	9

Source of tables 195 and 196: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 197.—INCOME TAX RETURNS, CORPORATION, BY INDUSTRIAL GROUPS AND INDUSTRIES; 1937

NOTE.—For totals for all corporations see table 193. Group totals include industries not shown separately

[All money figures in thousands of dollars]

INDUSTRY	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
	Number	Gross income <sup>1</sup>	Net income <sup>2</sup>	Total tax <sup>3</sup>	Number	Gross income <sup>1</sup>	Deficit <sup>2</sup>
Agriculture and related industries.....	2, 638	631, 964	57, 320	7, 838	6, 087	251, 123	33, 583
Mining and quarrying, total.....	5, 053	2, 579, 785	437, 621	60, 859	8, 484	1, 000, 872	128, 368
Metal mining.....	318	887, 157	211, 218	20, 801	673	112, 395	12, 223
Anthracite.....	22	51, 764	1, 282	172	113	104, 841	20, 590
Bituminous coal, lignite, peat, etc.....	539	500, 523	22, 289	3, 208	1, 276	421, 610	23, 066
Oil and gas.....	1, 014	304, 920	115, 055	15, 801	2, 368	222, 134	38, 481
Manufacturing, aggregate.....	41, 874	51, 486, 208	4, 127, 465	652, 271	50, 005	10, 988, 400	424, 344
Food and kindred products, total.....	5, 300	7, 276, 741	286, 098	40, 706	6, 940	3, 602, 288	63, 804
Bakery and confectionery products.....	1, 482	1, 204, 555	77, 002	11, 970	2, 187	378, 363	13, 170
Canned products—fish, fruit, vegetables, poultry, etc.....	776	712, 388	42, 100	6, 573	1, 082	220, 168	7, 824
Mill products—bran, flour, feed, etc.....	433	640, 246	13, 171	1, 903	756	553, 622	12, 794
Packing-house products—fresh meats, ham, lard, bacon; meat canning, by-products, etc.....	478	2, 460, 479	29, 068	3, 114	490	1, 930, 857	11, 606
Sugar—beet, cane, maple, and products.....	86	551, 004	35, 459	4, 649	74	53, 900	5, 567
Liquors and beverages, total.....	1, 633	1, 520, 312	162, 769	29, 080	1, 478	292, 424	16, 421
Soft drinks—cider, mineral or spring water, etc.....	1, 105	300, 517	68, 102	11, 300	730	45, 315	1, 836
Liquors—wine, beer, malt extract, malt yeast, alcohol, etc.....	528	1, 228, 765	94, 667	17, 782	730	247, 109	14, 586
Tobacco products.....	140	1, 204, 779	126, 048	18, 645	213	36, 703	2, 040
Textile mill products, total.....	3, 013	3, 014, 462	166, 326	27, 153	4, 490	1, 517, 426	69, 374
Cotton goods—dress goods, plain cloth, etc.; napping and dyeing.....	508	816, 076	52, 658	0, 456	358	208, 202	12, 195
Woolen and worsted goods—wool yarn, dress goods, wool pulling, etc.....	211	326, 032	9, 147	1, 571	337	273, 911	0, 320
Silk and rayon goods, spinning, etc.....	184	320, 698	34, 554	5, 079	530	196, 405	10, 927
Carpets, floor coverings, tapestries, etc.....	62	149, 143	7, 124	1, 205	94	48, 799	2, 179
Knit goods—sweaters, hosiery, etc.....	511	425, 207	15, 684	2, 601	804	249, 523	10, 287
Clothing and apparel—custom-made, factory-made coats, underwear, etc.....	2, 790	1, 439, 762	32, 845	5, 104	5, 120	809, 937	19, 036
Leather and its manufactures, total.....	1, 023	963, 149	34, 601	5, 257	1, 311	308, 576	13, 564
Boots, shoes, slippers, etc.....	485	646, 965	24, 442	3, 630	601	158, 711	6, 111
Gloves, saddlery, harness, trunks, finishing and tanning leather, etc.....	538	316, 184	10, 159	1, 627	710	209, 866	7, 453
Rubber, bone, celluloid, and ivory products, total.....	320	1, 012, 043	47, 454	6, 372	294	94, 911	3, 712
Tires and tubes, etc.....	35	746, 007	26, 134	2, 666	24	41, 739	847
Rubber boots, shoes, hose, and artificial rubber, etc.....	245	226, 554	17, 444	3, 058	197	49, 405	2, 655
Bone, celluloid, and ivory products.....	40	30, 392	3, 875	617	73	3, 767	210
Forest products, total.....	3, 102	1, 457, 931	93, 509	14, 456	3, 373	472, 165	25, 640
Sawmill and planing-mill products.....	1, 302	679, 522	52, 674	7, 642	1, 428	259, 740	14, 085
Carparks, wagons, furniture, etc.....	1, 740	773, 400	40, 895	6, 843	1, 945	212, 425	11, 554
Paper, pulp, and products.....	1, 353	1, 640, 878	140, 044	23, 439	867	241, 191	12, 039
Printing, publishing, and allied industries.....	5, 117	1, 908, 531	183, 821	27, 544	7, 079	529, 691	36, 776
Chemicals and allied products, total.....	3, 107	3, 882, 702	457, 119	64, 144	3, 076	337, 351	10, 002
Chemicals proper, acids, compounds, etc.....	380	995, 697	203, 384	26, 988	357	57, 743	3, 338
Paints, pigments, varnishes, carbon black, lampblack, putty, rosin, turpentine.....	578	515, 580	39, 541	6, 113	467	51, 276	2, 474
Drugs, oils, soap, and other chemical substances.....	1, 013	2, 208, 258	204, 753	29, 604	2, 600	203, 321	11, 780
Fertilizers.....	231	163, 155	6, 441	1, 439	102	25, 014	1, 470
Petroleum and other mineral oil products.....	324	4, 638, 211	306, 815	34, 951	381	648, 653	21, 257
Stone, clay, and glass products.....	1, 684	1, 317, 034	161, 524	25, 486	2, 203	1, 218, 915	17, 410
Metal and its products, total.....	10, 491	14, 042, 168	1, 381, 350	240, 821	8, 775	1, 301, 235	70, 727
Iron and steel—products of blast furnaces, rolling mills, foundries, etc.....	1, 140	3, 062, 902	245, 076	41, 331	621	246, 237	15, 294
Locomotives and railroad equipment.....	109	450, 012	47, 305	7, 901	68	34, 632	1, 039
Factory machinery.....	836	701, 890	75, 363	13, 197	723	85, 497	5, 025
Agricultural machinery and equipment.....	236	727, 639	111, 805	21, 544	207	24, 772	1, 956
Electrical machinery and equipment.....	428	1, 210, 498	167, 675	25, 791	362	33, 240	2, 307
Building, construction, gas, and mining machinery and equipment.....	1, 375	1, 461, 872	157, 989	30, 705	986	191, 764	8, 938
Household machinery and equipment.....	577	556, 200	50, 782	6, 073	733	82, 202	4, 227
Office equipment, etc.....	239	390, 265	59, 391	10, 411	189	22, 003	1, 723
Metal building material and equipment.....	1, 203	851, 254	99, 514	11, 718	1, 140	160, 991	10, 282
Hardware, tools, etc.....	1, 700	1, 294, 062	173, 206	33, 374	1, 102	101, 438	6, 307
Precious-metal products and processes.....	385	323, 935	19, 692	3, 508	477	44, 109	1, 500
Motor vehicles, complete or parts.....	331	4, 554, 892	416, 814	65, 726	420	197, 903	13, 047

For footnotes, see p. 197.

No. 197.—INCOME TAX RETURNS, CORPORATION, BY INDUSTRIAL GROUPS AND INDUSTRIES: 1937—Continued

[All money figures in thousands of dollars]

INDUSTRY	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
	Number	Gross income <sup>1</sup>	Net income <sup>2</sup>	Total tax <sup>3</sup>	Number	Gross income <sup>1</sup>	Deficit <sup>2</sup>
<b>Manufacturing—Continued.</b>							
Radios, complete or parts.....	115	255,103	12,109	2,142	160	82,552	4,086
Airplanes.....	46	132,193	13,208	2,436	80	13,591	2,453
<b>Construction, total.....</b>	<b>6,103</b>	<b>1,688,050</b>	<b>84,463</b>	<b>14,617</b>	<b>10,761</b>	<b>773,862</b>	<b>36,880</b>
Building and construction above ground—installing machinery, moving, wrecking, razing, etc.....	3,029	627,381	19,919	3,584	7,115	376,903	14,507
Other construction underground and on surface—bridge building, waterfront construction, related industries, etc.....	2,388	807,127	54,686	9,366	3,527	340,405	19,338
Shipbuilding and repairing.....	86	163,543	9,858	1,606	119	47,453	3,045
<b>Transportation and other public utilities, total.....</b>	<b>10,956</b>	<b>9,034,200</b>	<b>1,503,021</b>	<b>198,179</b>	<b>13,816</b>	<b>4,415,002</b>	<b>410,004</b>
Steam railroads.....	219	2,021,401	205,330	27,635	305	2,594,526	230,283
Electric railways—Pullman cars, refrigerator, stock, poultry, and fruit cars; lessors.....	342	318,892	74,985	11,208	394	463,806	72,358
Water transportation and related activities.....	1,028	509,958	66,034	10,920	943	214,896	19,983
Aerial transportation.....	82	25,000	2,130	362	425	39,366	4,208
Autobus lines, taxicabs, and sightseeing companies.....	932	225,044	25,034	3,717	1,607	112,599	5,612
Carriage and storage—food storage, packing and shipping, local transportation, etc.....	3,815	649,920	34,061	5,236	5,013	375,874	21,429
Electric light and power companies.....	776	2,552,033	453,061	65,049	401	195,407	16,628
Gas companies, artificial and natural.....	436	591,977	70,824	11,321	386	120,940	10,698
Pipe-line companies.....	177	364,968	114,031	18,040	93	45,814	2,709
Telephone and telegraph companies.....	1,266	1,406,989	370,728	53,505	1,767	150,810	9,399
Radio-broadcasting companies.....	230	115,534	15,009	3,150	187	9,177	1,160
Water companies.....	995	77,414	17,008	2,443	651	17,335	2,752
<b>Trade, total.....</b>	<b>69,432</b>	<b>35,067,451</b>	<b>1,084,765</b>	<b>168,368</b>	<b>80,652</b>	<b>10,379,209</b>	<b>230,758</b>
Wholesale.....	15,045	14,860,640	323,377	52,497	14,325	3,830,821	70,190
Retail.....	32,059	13,510,470	470,538	75,299	46,477	3,873,860	97,036
Wholesale and retail.....	11,348	6,240,962	206,470	31,883	11,072	2,227,391	46,976
Commission.....	2,011	399,405	36,637	5,498	2,610	160,094	6,030
<b>Service, total.....</b>	<b>19,191</b>	<b>2,025,377</b>	<b>225,726</b>	<b>34,146</b>	<b>41,017</b>	<b>2,211,927</b>	<b>210,064</b>
Domestic service—laundries, hotels, restaurants, etc., operating apartments or office buildings, etc.....	9,114	1,071,761	64,166	9,671	24,477	1,484,047	144,745
Amusements, total.....	3,625	723,023	83,240	11,958	5,577	322,940	29,168
Theaters, legitimate, vaudeville, etc.....	85	13,690	1,700	228	140	5,153	1,331
Motion-picture producers.....	51	123,003	13,864	1,539	133	115,844	10,727
Motion-picture theaters.....	2,177	472,536	53,120	7,534	1,707	100,336	6,386
Other amusements—circuses, golf links, race tracks, pleasure resorts, etc.....	1,302	113,193	14,556	2,666	3,597	95,609	10,714
Professional—creative, educational, engineering, legal, etc.....	2,138	176,931	18,007	3,033	3,917	131,798	19,709
Business service—detective bureaus, trade shows, mimeographing, publishing directories, advertising, etc.....	2,504	500,524	44,865	7,213	3,771	181,073	9,945
<b>Finance, total.....</b>	<b>48,581</b>	<b>6,000,402</b>	<b>2,143,795</b>	<b>138,786</b>	<b>78,498</b>	<b>2,852,308</b>	<b>802,643</b>
National banks.....	3,740	593,150	101,391	5,305	2,006	224,271	38,208
State and private banks, savings banks, loan and trust companies.....	6,191	568,358	102,680	6,630	4,402	224,598	59,747
Joint-stock land banks.....	5	776	82	12	37	3,744	3,793
Building and loan associations, mortgage, note, or pawn brokers; insurance agents, promoters, foreign exchange.....	8,017	719,370	217,534	31,764	9,874	165,952	69,029
Investment trusts, stock syndicates, stock pools, holding companies, etc.....	4,477	1,846,483	1,304,603	60,538	2,712	97,624	139,345
Stock and bond brokers, investment brokers, investment bankers.....	697	205,289	13,094	1,624	1,481	572,276	64,274
Real estate and realty holding companies—realty development, holding or leasing, realty trust, etc.....	10,016	486,845	107,969	13,638	51,988	534,076	200,865
Insurance companies, total.....	838	1,579,630	206,432	20,274	1,000	1,120,766	226,481
Life insurance—mutual or stock.....	143	62,414	4,442	392	477	898,098	140,905
Other insurance—accident, casualty, fire, marine, title, etc.....	695	1,517,217	201,990	19,881	523	230,770	85,575

<sup>1</sup> Gross income corresponds to total income, as reported on face of return, plus "cost of goods sold" and "cost of operations."

<sup>2</sup> See note 1, table 192, as to 1937 net income or deficit.

<sup>3</sup> Includes income tax, excess-profits tax, and surtax on undistributed profits.

# No. 198.—INCOME TAX RETURNS, CORPORATION—RECEIPTS, DEDUCTIONS, PROFITS, AND TAX: 1924 to 1937

NOTE.—See headnote and note 2, table 192. Data in the following table are combined totals for returns reporting net income and those reporting no net income. The number of returns is shown in table 192

[All figures in millions of dollars]

YEAR	COMPILED RECEIPTS						COMPILED DEDUCTIONS			
	Total compiled receipts <sup>1</sup>	Gross sales <sup>1</sup>	Gross receipts from other operations <sup>1</sup>	Other receipts	Tax-exempt income		Total compiled deductions	Cost of goods sold	Cost of operations <sup>4</sup>	Interest paid
					Dividends from domestic corporations	Interest on tax-exempt obligations <sup>2</sup>				
1924	110,747	91,908	19,220	7,187	915	517	112,952	71,739	-----	3,445
1925	134,780	101,476	( <sup>3</sup> )	<sup>2</sup> 31,609	1,175	520	125,464	80,652	-----	3,617
1926	142,226	106,206	<sup>3</sup> 9,332	<sup>2</sup> 25,085	1,506	500	133,119	82,484	-----	3,980
1927	144,890	106,864	<sup>3</sup> 9,420	<sup>2</sup> 26,467	1,658	501	136,230	83,487	-----	4,375
1928	153,805	112,436	<sup>3</sup> 10,334	<sup>2</sup> 28,095	1,917	523	142,638	87,265	-----	4,581
1929	161,158	118,101	28,598	11,329	2,593	537	149,280	91,076	-----	4,925
1930	136,688	97,941	25,267	10,283	2,571	526	131,940	76,190	-----	4,801
1931	108,057	75,494	21,945	8,107	1,969	542	105,834	58,774	-----	4,492
1932	81,638	53,264	19,583	6,946	1,260	554	85,467	41,430	-----	4,043
1933	84,234	57,777	18,982	5,857	1,026	692	85,164	43,626	9,420	3,511
1934	101,490	74,309	18,552	5,752	2,217	659	98,520	47,458	8,670	3,422
1935	114,050	85,332	19,790	5,801	3,014	714	109,227	66,280	9,190	3,261
1936	132,723	100,686	22,886	<sup>4</sup> 8,527	( <sup>5</sup> )	724	<sup>7</sup> 124,052	78,023	10,859	3,081
1937	142,443	108,383	24,862	<sup>6</sup> 8,458	( <sup>5</sup> )	741	<sup>7</sup> 134,613	84,168	12,231	3,063

  

YEAR	COMPILED DEDUCTIONS—COR.			Com- piled net profit or loss <sup>8</sup>	Net income or deficit <sup>9</sup>	Net loss for prior year <sup>10</sup>	Total tax <sup>11</sup>	Com- piled net profit less total tax	DIVIDENDS PAID <sup>12</sup>	
	Taxes <sup>13</sup>	Depre- ciation and de- pletion	Other deduc- tions						Cash	Stock
1924	1,670	3,187	32,611	6,795	5,363	220	882	5,914	4,330	511
1925	(14)	3,330	37,866	9,316	7,621	243	1,170	8,146	5,180	544
1926	1,878	3,841	40,927	9,510	7,505	230	1,230	8,281	5,945	758
1927	2,014	3,848	42,500	8,669	6,510	244	1,331	7,598	6,424	709
1928	2,203	4,112	44,477	10,687	8,227	301	1,184	9,483	7,083	650
1929	2,222	4,430	46,656	11,870	8,740	392	1,183	10,676	8,520	1,289
1930	2,297	4,468	44,142	4,649	1,551	158	712	9,937	6,151	164
1931	2,281	4,270	39,067	<sup>14</sup> 5,777	<sup>15</sup> 5,288	136	389	<sup>14</sup> 4,476	6,161	414
1932	2,087	3,940	33,067	<sup>14</sup> 5,369	<sup>15</sup> 5,611	88	286	<sup>14</sup> 4,115	3,886	143
1933	2,124	3,742	22,741	<sup>14</sup> 630	<sup>15</sup> 5,517	-----	423	<sup>14</sup> 1,558	3,127	102
1934	2,162	3,674	23,133	2,970	94	-----	696	2,374	4,899	215
1935	2,628	3,701	24,167	5,423	1,696	-----	735	4,688	5,941	136
1936	2,958	3,725	26,308	1,771	7,326	-----	1,191	6,580	7,379	345
1937	3,695	3,866	27,079	7,830	7,354	-----	1,276	6,554	7,514	169

<sup>1</sup> Excludes nontaxable income, other than interest on tax-exempt obligations for all years and dividends on stock of domestic corporations except for 1936 and 1937. For 1936 and 1937, dividends are taxable income.

<sup>2</sup> Where inventories are an income-determining factor. For "Cost of goods sold," see "Compiled deductions."

<sup>3</sup> Where inventories are not an income-determining factor. Figures for years prior to 1932 represent gross profits other than from sales. For 1926, gross profits from operations other than from sales, for all corporations, were tabulated in "Other receipts." For 1926, 1927, and 1928 such profits for only those corporations classified under "Transportation and other public utilities," "Service," "Finance," and "Nature of business not given" were included in "Other receipts."

<sup>4</sup> Included in "Other deductions" prior to 1933.

<sup>5</sup> Includes obligations of States and Territories and minor political subdivisions, securities issued under the Federal Farm Loan Act, and obligations of the United States and its possessions, and for 1936 and 1937 certain obligations subject to excess-profits tax.

<sup>6</sup> "Dividends from domestic corporations" (taxable income beginning 1936) included with "Other receipts."

<sup>7</sup> These figures are affected by the inclusion in deductions of contributions or gifts (limited to 5 percent of net income before deduction of contributions or gifts).

<sup>8</sup> Compiled receipts less compiled deductions. <sup>9</sup> See note 1, table 192.

<sup>10</sup> Deducted by concerns reporting net income.

<sup>11</sup> Includes excess-profits tax for 1933 to 1937, and for 1936 and 1937 surtax on undistributed profits.

<sup>12</sup> Excludes dividends of life-insurance companies prior to 1923.

<sup>13</sup> Other than income and excess-profits taxes and taxes reported under "Cost of goods sold" and "Cost of operations."

<sup>14</sup> Included in "Other deductions." <sup>15</sup> Deficit.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 199.—DIVIDENDS PAID, ACCORDING TO INCOME TAX RETURNS OF CORPORATIONS, BY INDUSTRIAL GROUPS: 1934 TO 1937

NOTE.—In millions and tenths of millions of dollars. For totals for earlier years, see table 198. See also headnote, table 192

INDUSTRIAL GROUP	1934		1935		1936		1937	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
<b>Total</b> .....	4,859.4	214.8	5,940.6	135.8	7,379.3	344.9	7,514.0	188.7
Agriculture and related industries.....	26.4	0.0	34.7	3.5	57.1	1.4	50.1	1.9
Mining and quarrying.....	266.1	4.5	257.1	3.1	283.1	2.0	381.2	2.4
<b>Manufacturing, total</b> .....	1,600.7	104.7	2,193.5	49.7	2,050.3	218.2	2,953.4	93.0
Food products.....	258.7	9.0	264.7	3.3	311.9	17.1	261.2	6.8
Liquors and beverages.....	25.5	1.5	57.7	1.4	99.9	12.3	99.0	6.6
Tobacco products.....	96.5	1.0	96.7	.2	108.0	.9	108.9	(1)
Textile mill products.....	99.0	0.4	101.9	7.5	132.0	5.3	133.0	4.7
Clothing and apparel.....	22.3	1.4	23.4	.9	29.9	1.2	30.1	.2
Leather and its manufactures.....	20.0	.1	16.4	.1	40.9	.6	43.4	1.7
Rubber, bone, celluloid, and ivory.....	33.4	1.0	36.1	.8	62.1	3.5	68.0	1.8
Forest products.....	44.6	5.8	58.5	2.9	76.3	4.9	91.8	5.9
Paper, pulp, and products.....	82.0	9.8	96.9	3.9	132.0	6.4	125.8	2.4
Printing, publishing, etc.....	363.4	32.1	570.7	10.8	365.0	11.9	346.4	13.7
Chemicals and allied products.....					314.3	120.9	277.4	6.1
Petroleum and other mineral oil products.....	44.9	2.4	63.1	1.3	114.7	3.2	116.5	.6
Stone, clay, and glass products.....	477.1	29.1	733.3	14.4	722.3	23.5	803.6	38.8
Metal and its products.....	42.3	2.3	74.1	2.2	100.7	2.0	87.0	1.7
Motor vehicles, complete or parts.....	23.4	2.1	20.8	4.2	50.3	4.6	53.5	4.6
All other manufacturing.....	1,221.4	21.3	1,283.8	5.6	1,336.4	21.5	1,360.8	25.2
<b>Construction</b> .....	398.7	33.3	510.1	28.6	750.8	31.8	718.7	24.0
Transportation and other public utilities.....	63.1	4.2	71.1	2.3	188.7	4.0	153.8	2.9
Trade.....	1,248.9	44.2	1,559.6	38.3	1,792.1	60.5	1,839.0	34.6
Service.....	1.6		.9	.4	.5		2.7	(1)
Finance—Banking, insurance, etc.....								
Nature of business not given.....								

<sup>1</sup> Less than \$50,000.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 200.—INCOME TAX RETURNS, CORPORATION—RECEIPTS, DEDUCTIONS, PROFITS, AND TAX, BY INDUSTRIAL GROUPS: 1937

[All figures in millions and tenths of millions of dollars. See headnote, table 192]

	All corporations <sup>1</sup>	Agriculture	Mining and quarrying	MANUFACTURING				
				Total <sup>2</sup>	Food, excluding beverages	Liquors and beverages	Tobacco products	Textile mill products
<b>Compiled receipts, total<sup>3</sup></b> .....	142,443.4	783.5	3,583.6	62,474.4	10,880.3	1,822.2	1,301.7	4,533.6
Gross sales <sup>4</sup> .....	108,382.8	627.1	3,033.0	60,244.4	10,053.1	1,778.5	1,280.3	4,416.6
Gross receipts from operations <sup>5</sup> .....	24,861.8	105.1	332.7	951.6	94.4	16.0	2.8	54.6
Interest.....	2,601.0	4.1	13.1	111.7	10.7	2.7	.9	5.9
Rents.....	1,549.4	12.7	23.5	123.8	15.4	5.0	2.6	11.7
Net capital gain.....	305.3	5.9	24.3	35.7	2.6	1.1	.6	2.0
Dividends received:								
Domestic corporations <sup>6</sup> .....	2,682.2	12.7	85.6	524.4	46.3	6.3	8.3	12.4
Foreign corporations <sup>7</sup> .....	209.1	3.5	7.7	92.9	12.9	1.0	1.2	1.0
Other receipts.....	1,110.9	12.0	64.7	349.3	42.1	10.6	3.8	26.0
Interest on Government obligations:								
Subject to excess-profits tax <sup>8</sup> .....	264.5	.2	2.7	17.7	1.5	.3	.9	1.7
Wholly tax-exempt <sup>9</sup> .....	476.3	.4	3.1	17.8	1.3	.5	.3	1.7
<b>Compiled deductions, total<sup>10</sup></b> .....	134,613.1	769.3	3,281.2	58,763.5	10,666.7	1,675.4	1,176.9	4,434.9
Cost of goods sold <sup>11</sup> .....	84,167.8	435.5	1,979.9	45,550.0	8,921.5	1,612.3	952.3	3,609.5
Cost of operations <sup>12</sup> .....	12,231.3	39.4	137.5	428.9	99.0	5.8	1.9	32.1
Compensation of officers.....	2,809.2	22.0	50.1	1,004.0	49.6	32.2	7.0	86.8
Rent paid on business property.....	1,564.8	16.9	11.9	295.3	41.3	5.7	1.6	17.4
Bad debts.....	1,756.4	5.0	10.8	185.6	19.3	7.0	.8	9.0
Interest paid.....	3,033.1	19.0	68.7	374.2	44.1	13.0	5.1	27.9
Taxes paid other than income and excess-profits taxes <sup>13</sup> .....	3,655.6	24.5	139.0	1,407.1	123.3	264.5	34.5	74.9
Contributions or gifts <sup>14</sup> .....	32.7	.3	.9	14.4	1.4	.8	.2	.9
Depreciation.....	3,342.0	33.5	170.7	1,370.1	144.3	35.3	7.5	100.6
Depletion.....	523.9	7.3	275.7	216.4	.3	.1	(15)	1.0
Net capital loss.....	164.5	2.6	3.0	16.8	1.3	.5	(16)	1.1
Other deductions.....	22,351.7	153.5	433.1	7,878.6	1,211.6	298.6	116.0	413.6

For footnotes, see p. 201.

No. 200.—INCOME TAX RETURNS, CORPORATION—RECEIPTS, DEDUCTIONS,  
PROFITS, AND TAX, BY INDUSTRIAL GROUPS: 1937—Continued

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

	All corpo- rations <sup>1</sup>	Agri- cul- ture	Min- ing and quar- rying	MANUFACTURING				
				Total <sup>2</sup>	Food, exclud- ing bever- ages	Liq- uors and bever- ages	To- bacco prod- ucts	Tex- tile mill prod- ucts
Compiled net profit or loss <sup>10</sup> .....	7,830.8	24.1	302.4	3,721.0	223.6	146.8	124.9	98.8
Deduct tax-exempt items.....	470.3	.4	3.1	17.8	1.3	.5	.3	1.7
Net income or deficit <sup>10</sup> .....	7,364.0	23.7	299.3	3,703.1	222.3	146.3	124.6	97.0
Income tax (normal tax and surtax on undistributed profits).....	1,232.8	7.5	56.5	629.9	40.0	28.1	18.6	26.2
Excess-profits tax.....	43.3	.4	4.4	22.4	.8	1.0	.1	1.0
Total tax.....	1,276.3	7.8	60.9	652.3	40.8	29.1	18.6	27.2
Compiled net profit less tax.....	6,564.1	16.3	241.5	3,068.7	182.8	117.7	108.2	71.5
MANUFACTURING—continued								
	Cloth- ing and apparel	Leath- er	Rub- ber	Forest prod- ucts	Paper	Print- ing	Chem- icals	Petro- leum
Compiled receipts, total <sup>3</sup> .....	2,249.8	1,331.8	1,107.0	1,930.4	1,888.4	2,438.5	4,222.4	5,287.8
Gross sales <sup>4</sup> .....	2,184.0	1,312.8	1,079.3	1,864.2	1,837.7	2,190.9	4,063.1	4,852.0
Gross receipts from operations <sup>5</sup> .....	50.4	5.8	2.6	26.4	8.0	171.8	25.0	234.3
Interest.....	1.2	1.2	4.6	4.3	6.9	5.2	6.8	13.7
Rents.....	1.7	1.4	.6	6.8	4.1	12.7	7.4	26.2
Net capital gain.....	.4	.4	.3	3.8	2.4	2.5	2.6	2.5
Dividends received:								
Domestic corporations <sup>6</sup> .....	1.4	2.1	13.9	8.8	16.4	31.8	81.7	125.8
Foreign corporations <sup>7</sup> .....	.2	(1 <sup>6</sup> )	.6	(1 <sup>6</sup> )	.8	.7	8.5	5.2
Other receipts.....	10.1	7.9	5.0	15.1	11.1	21.1	23.2	26.6
Interest on Government obligations:								
Subject to excess-profits tax <sup>8</sup> .....	.2	.2	.1	.5	.7	1.5	1.8	.4
Wholly tax-exempt <sup>9</sup> .....	.1	.1	.1	.3	.3	1.3	2.3	1.0
Compiled deductions, total <sup>10</sup> .....	2,236.9	1,310.7	1,063.2	1,862.2	1,760.1	2,291.2	3,782.0	5,007.3
Cost of goods sold <sup>11</sup> .....	1,792.3	1,108.8	805.3	1,413.4	1,332.0	1,430.7	2,680.0	3,477.7
Cost of operations <sup>12</sup> .....	35.7	3.8	.2	14.3	2.7	82.7	6.8	108.8
Compensation of officers.....	75.3	28.1	10.0	52.8	39.6	110.6	71.5	13.1
Rent paid on business property.....	26.6	8.2	3.9	8.9	9.4	36.2	14.9	43.9
Bad debts.....	5.8	3.1	3.6	11.2	13.0	15.4	13.1	17.2
Interest paid.....	7.5	5.5	9.5	18.5	22.6	17.9	20.7	30.8
Taxes paid other than income and excess-profits taxes <sup>11</sup> .....	23.0	16.7	44.5	37.7	32.5	50.6	98.2	154.5
Contributions or gifts <sup>11</sup> .....	.4	.3	.2	.4	.6	1.3	1.1	.8
Depreciation.....	10.1	12.2	22.0	45.8	61.8	47.4	102.7	228.6
Depletion.....	.1	.1	(1 <sup>6</sup> )	30.7	2.8	.3	4.3	167.0
Net capital loss.....	.4	.2	.1	.9	.3	.8	.6	.1
Other deductions.....	269.7	123.7	164.1	227.6	242.1	491.4	759.1	764.2
Compiled net profit or loss <sup>10</sup> .....	15.9	21.2	43.8	68.2	128.3	148.3	440.4	280.5
Deduct tax-exempt items.....	.1	.1	.1	.3	.3	1.3	2.3	1.0
Net income or deficit <sup>10</sup> .....	13.8	21.1	43.7	67.9	128.0	147.0	438.1	279.6
Income tax (normal tax and surtax on undistributed profits).....	5.0	5.2	6.2	13.6	22.7	26.9	63.1	34.2
Excess-profits tax.....	.1	.1	.1	.9	.7	.7	1.0	.8
Total tax.....	5.1	5.3	6.4	14.5	23.4	27.5	64.1	35.0
Compiled net profit less tax.....	8.8	15.9	37.5	53.7	104.9	120.8	378.3	245.6

For footnotes, see p. 201.

## No. 200.—INCOME TAX RETURNS, CORPORATIONS—RECEIPTS, DEDUCTIONS, PROFITS, AND TAX, BY INDUSTRIAL GROUPS: 1937—Continued

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

	MANUFACTURING— continued			Con- struc- tion	Trans- porta- tion and other public utili- ties	Trade	Serv- ice	Finance
	Stone, etc.	Metals	Motor vehic- les					
Compiled receipts, total <sup>1</sup> .....	1,686.7	15,349.4	4,764.6	2,462.9	13,467.9	45,439.9	4,638.5	17 8,393.8
Gross sales <sup>4</sup> .....	1,483.5	14,835.4	4,632.0	1,003.3	12,826.5	43,470.0	1,235.4	17 3,445.1
Net receipts from operations <sup>5</sup> .....	18.0	211.7	7.2	1,414.1	12,826.5	43,470.0	4,543.4	17 3,445.1
Interest.....	2.4	30.0	4.4	4.7	108.9	86.8	14.7	2,260.8
Rents.....	3.3	20.8	6.7	8.3	92.5	96.5	179.9	1,001.8
Net capital gain.....	2.8	7.5	3.3	4.0	26.5	12.5	15.4	180.7
Dividends received:								
Domestic corporations <sup>6</sup> .....	12.8	104.4	41.5	6.2	324.2	93.8	33.5	1,601.8
Foreign corporations <sup>7</sup> .....	2.9	28.6	27.5	.1	2.3	23.2	2.0	84.5
Other receipts.....	9.3	94.2	29.9	20.7	63.4	415.2	47.6	147.5
Interest on Government obligations:								
Subject to excess-profits tax <sup>8</sup> .....	1.0	4.7	1.2	.6	4.8	3.3	.7	234.5
Wholly tax-exempt <sup>9</sup> .....	.7	6.0	1.7	1.0	8.7	3.3	1.2	440.9
Compiled deductions, total <sup>10</sup> .....	1,391.8	14,032.8	4,350.0	2,414.3	12,356.2	44,602.7	4,821.6	18 7,611.6
Cost of goods sold <sup>11</sup> .....	1,001.7	10,808.3	3,894.7	812.0	9,126.6	35,384.3	1,079.7	17 872.8
Cost of operations <sup>12</sup> .....	9.5	65.0	.9	1,126.6	7,908.8	332.3	1,679.7	17 872.8
Compensation of officers.....	35.9	270.0	15.8	110.3	104.9	875.0	230.4	19 411.5
Rent paid on business property.....	6.4	53.4	6.3	12.9	163.2	662.0	249.9	151.8
Bad debts.....	5.5	51.4	2.4	10.7	20.0	183.4	29.8	301.6
Interest paid.....	10.0	125.2	7.8	12.1	1,230.2	152.5	246.2	899.6
Taxes paid other than income and excess-profits taxes <sup>13</sup> .....	31.9	286.1	44.5	32.5	960.0	395.3	267.0	439.9
Contributions or gifts <sup>14</sup> .....	.5	4.0	.8	.4	3.5	7.3	1.3	4.1
Depreciation.....	59.9	399.2	63.4	47.9	907.5	274.0	267.8	293.8
Depletion.....	2.1	6.3	.8	4.4	18.7	1.5	.5	3.4
Net capital loss.....	.5	9.5	.1	1.3	3.0	7.3	.6	123.3
Other deductions.....	227.2	1,053.2	312.6	247.3	1,027.0	6,026.5	1,842.1	20 4,139.9
Compiled net profit or loss <sup>15</sup> .....	144.8	1,316.6	404.6	48.5	1,101.7	837.2	16.8	1,782.0
Deduct tax-exempt items.....	.7	6.0	1.7	1.0	8.7	3.3	1.2	440.9
Net income or deficit <sup>16</sup> .....	144.1	1,310.6	402.8	47.6	1,093.0	834.0	15.7	1,341.2
Income tax (normal tax and surtax on undistributed profits).....	24.0	228.0	65.1	13.2	194.4	161.7	32.5	137.1
Excess-profits tax.....	.9	12.9	.0	1.4	3.7	6.7	1.6	2.7
Total tax.....	24.9	240.9	65.7	14.6	198.2	168.4	34.1	139.8
Compiled net profit less tax.....	119.4	1,075.8	338.7	33.0	903.5	668.9	21 17.8	1,642.2

<sup>1</sup> Includes corporations not reporting nature of business, but excludes inactive corporations.<sup>2</sup> Includes "Other manufacturing" not shown separately.<sup>3</sup> Excludes nontaxable income other than interest on tax-exempt obligations.<sup>4</sup> Where inventories are an income-determining factor. For "Cost of goods sold" see "Deductions."<sup>5</sup> Where inventories are not an income-determining factor. For "Cost of operations" see "Deductions."<sup>6</sup> Dividends from domestic corporations subject to taxation under title 1 of the Revenue Act of 1936.<sup>7</sup> Shown separately for the first time, formerly included with "Other receipts."<sup>8</sup> Includes U. S. savings bonds and Treasury bonds owned in principal amount of over \$5,000. For 1936, this amount also included interest on obligations of instrumentalities of the United States other than those issued under the Federal Farm Loan Act, or such act as amended.<sup>9</sup> Consists of interest on obligations of States, Territories, or political subdivisions thereof, or the District of Columbia, or United States possessions, obligations of the United States issued on or before September 1, 1917, Treasury notes, Treasury bills, Treasury certificates of indebtedness, U. S. savings bonds and Treasury bonds owned in principal amount of \$5,000 or less, and obligations of instrumentalities of the United States. For 1936, interest on obligations of instrumentalities of the United States other than those issued under the Federal Farm Loan Act, or such act as amended, was subject to the excess-profits tax. See note 8.<sup>10</sup> Compiled deductions and compiled net profit are affected by the inclusion in deductions of contributions or gifts (limited to 5 percent of net income before deductions of contributions or gifts).<sup>11</sup> Includes taxes which are reported in "Cost of goods sold."<sup>12</sup> Includes taxes which are reported in "Cost of operations."<sup>13</sup> Excludes taxes reported in "Cost of goods sold" and "Cost of operations."<sup>14</sup> Limited to 5 percent of net income before deduction of contributions or gifts.<sup>15</sup> Less than \$50,000.<sup>16</sup> See note 1, table 192, as to 1937 net income or deficit.<sup>17</sup> Includes, for a limited number of returns, the cost of securities purchased for customers.<sup>18</sup> Includes, for a limited number of returns, the cost of securities purchased for customers and special nonexpense items allowed life insurance companies but excludes compensation of officers of life insurance companies which file on Form 1120L.<sup>19</sup> Excludes compensation of officers of life insurance companies which file on Form 1120L.<sup>20</sup> Includes special nonexpense deductions of life insurance companies.<sup>21</sup> Excess of total tax over compiled net profit.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.



## No. 201.—ASSETS AND LIABILITIES OF CORPORATIONS, 1930 TO 1937

[All money figures in millions of dollars. See headnote, table 192]

DEC. 31 (or at close of fiscal year nearest thereto)	Number of returns filed <sup>1</sup>	Number of balance sheets	Total assets or total liabilities	ASSETS					
				Cash <sup>2</sup>	Notes and accounts receivable <sup>3</sup>	Inventories	Tax-exempt investments <sup>4</sup>	Investments other than tax-exempt	Capital assets (less depreciation and depletion)
1930.....	463,036	403,173	334,002	21,012	59,675	18,771	10,228	83,809	120,994
1931.....	459,704	381,088	296,497	15,880	48,667	15,140	10,667	75,305	114,303
1932.....	451,884	392,021	280,083	15,917	39,564	12,372	11,917	75,630	108,553
1933.....	446,842	388,564	268,206	15,236	35,835	13,597	13,571	70,474	104,958
1934.....	469,804	410,026	301,307	19,961	40,529	14,311	19,084	90,573	102,751
1935.....	477,113	415,065	303,150	23,664	38,690	14,788	21,863	90,163	100,480
1936.....	478,867	416,644	303,180	26,102	40,219	16,584	24,313	86,208	97,873
1937.....	477,838	416,902	303,357	24,346	40,329	18,515	23,988	85,065	100,320

DEC. 31 (or at close of fiscal year nearest thereto)	ASSETS— con.		LIABILITIES						
	Other assets	Notes and accounts payable	Bonded debt and mortgages	Other liabilities	Capital stock <sup>5</sup>		Surplus and undivided profits	Deficit	Net surplus
					Preferred	Common			
1930.....	19,511	26,870	50,282	95,568	19,117	87,067	61,832	6,734	55,098
1931.....	16,534	23,251	48,101	81,782	19,217	79,794	51,976	7,624	44,352
1932.....	16,120	20,562	47,222	78,730	19,076	78,413	45,064	9,584	36,080
1933.....	14,535	19,362	45,883	75,384	18,394	74,088	44,792	9,696	35,096
1934.....	14,097	27,021	48,064	84,096	19,976	84,970	48,986	12,347	36,639
1935.....	13,501	25,332	49,822	89,066	19,533	82,733	48,828	12,163	36,665
1936.....	11,882	25,580	47,023	97,109	18,591	78,072	48,043	11,237	36,806
1937.....	10,794	4 14,748	7 59,609	87,276	18,364	77,330	5 88,524	10 12,594	45,930

<sup>1</sup> Excludes inactive corporations.<sup>2</sup> Cash in till and deposits in banks.<sup>3</sup> Less reserve for bad debts. Includes loans and discounts of banks. <sup>4</sup> See note 5, table 198.<sup>5</sup> For balance sheets in which common and preferred stock are not reported separately, the combined amount is tabulated as "Common stock." For balance sheets with no par stock and not reporting capital stock value, the net worth is tabulated under "Surplus and undivided profits."<sup>6</sup> Accounts payable only, excludes notes payable with original maturity of less than 1 year.<sup>7</sup> Includes notes payable with original maturity of less than 1 year.<sup>8</sup> Unlike former years, excludes "Surplus reserves."<sup>9</sup> See note 12, table 202.<sup>10</sup> See note 13, table 202.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

## No. 202.—ASSETS AND LIABILITIES OF CORPORATIONS, BY INDUSTRIAL GROUPS: AS OF DEC. 31, 1937, OR AT CLOSE OF FISCAL YEAR NEAREST THERETO

[All money figures in millions of dollars. See headnote, table 192]

	Total <sup>1</sup>	Agri- cul- ture	Min- ing and quar- rying	MANUFACTURING				
				Total <sup>2</sup>	Food, exclud- ing bever- ages	Liq- uors and bever- ages	To- bacco prod- ucts	Tex- tile mill prod- ucts
Number of corporations submitting balance sheets <sup>3</sup>	416,902	7,046	11,467	85,474	11,110	2,876	323	7,128
Assets, total <sup>4</sup>	303,357	1,987	9,146	55,723	5,860	1,351	1,077	3,628
Cash <sup>5</sup>	24,345	77	333	3,283	411	70	69	207
Notes and accounts receivable	40,329	141	677	7,004	752	160	179	413
Inventories	18,515	179	340	11,454	1,195	301	512	980
Investments—tax-exempt <sup>6</sup>	23,988	39	160	1,145	99	25	34	100
Investments—other than tax-exempt	85,065	307	1,578	8,380	886	117	100	271
Capital assets—Land, buildings, and equipment <sup>7</sup>	100,320	1,174	5,748	21,537	2,223	593	93	1,550
Other assets <sup>8</sup>	10,794	69	311	2,920	296	115	91	108
Liabilities, total <sup>4</sup>	303,357	1,987	9,146	55,723	5,860	1,351	1,077	3,628
Accounts payable <sup>9</sup>	14,748	216	618	4,078	489	134	51	254
Bonds, notes, and mortgages payable <sup>10</sup>	59,699	399	1,511	7,497	947	273	131	433
Other liabilities <sup>11</sup>	87,276	103	394	2,309	220	77	44	123
Capital stock:								
Preferred	18,364	65	332	5,671	741	60	136	444
Common	77,330	989	4,126	20,280	2,022	405	434	1,427
Surplus <sup>12</sup>	58,524	516	3,213	17,418	1,686	448	289	1,177
Less deficit <sup>13</sup>	12,594	508	1,048	8,184	186	41	6	230
Net surplus	45,930	214	2,165	15,288	1,440	402	283	947

For footnotes, see p. 203.

No. 202.—ASSETS and LIABILITIES OF CORPORATIONS, BY INDUSTRIAL GROUPS:  
AS OF DEC. 31, 1937, OR AT CLOSE OF FISCAL YEAR NEAREST THERETO—CON.

[All money figures in millions of dollars]

	MANUFACTURING—continued							
	Cloth- ing	Leather	Rub- ber	Forest prod- ucts	Paper	Print- ing	Chem- icals	Petro- leum
Number of corporations submitting balance sheets <sup>1</sup> .....	7, 319	2, 212	586	6, 072	2, 169	11, 052	6, 220	642
Assets, total <sup>2</sup> .....	827	751	1, 008	2, 179	2, 283	2, 603	4, 493	7, 292
Cash <sup>3</sup> .....	70	56	45	82	109	132	275	269
Notes and accounts receivable.....	238	157	176	264	291	464	404	640
Inventories.....	283	296	255	435	321	202	800	904
Investments—tax-exempt <sup>4</sup> .....	11	9	6	24	31	87	151	71
Investments—other than tax-exempt.....	53	51	199	261	402	511	957	1, 475
Capital assets—Land, buildings, and equipment <sup>7</sup> .....	126	146	245	1, 040	1, 047	684	1, 485	3, 757
Other assets <sup>8</sup> .....	45	36	80	72	81	522	332	7, 282
Liabilities, total <sup>4</sup> .....	827	751	1, 008	2, 179	2, 283	2, 603	4, 493	7, 292
Accounts payable <sup>9</sup> .....	130	60	106	174	111	280	317	499
Bonds, notes, and mortgages payable <sup>10</sup> .....	120	131	194	349	417	350	547	956
Other liabilities <sup>11</sup> .....	41	32	27	98	124	157	154	257
Capital stock:								
Preferred.....	92	92	197	151	424	276	542	236
Common.....	304	86	274	897	695	788	1, 565	3, 444
Surplus <sup>12</sup> .....	177	205	254	737	580	928	1, 477	2, 119
Less deficit <sup>13</sup> .....	43	55	27	227	63	176	109	248
Net surplus.....	134	150	207	510	512	752	1, 368	1, 871

	MANUFACTURING—con.			Con- struction	Public- utilities <sup>14</sup>	Trade	Service	Finance
	Stone, etc.	Metals	Motor vehicles					
Number of corporations submitting balance sheets <sup>1</sup> .....	3, 684	18, 252	759	14, 807	20, 775	128, 200	40, 751	98, 438
Assets, total <sup>2</sup> .....	1, 953	15, 877	3, 118	1, 702	64, 648	18, 853	10, 835	140, 402
Cash <sup>3</sup> .....	131	895	362	140	1, 181	1, 287	356	17, 685
Notes and accounts receivable.....	179	1, 942	378	543	1, 592	5, 180	558	24, 011
Inventories.....	297	3, 662	594	170	815	5, 328	175	47
Investments—tax-exempt <sup>4</sup> .....	67	299	97	47	164	235	58	22, 140
Investments—other than tax-exempt.....	228	2, 113	536	193	8, 061	2, 327	912	62, 696
Capital assets—Land, buildings, and equipment <sup>7</sup> .....	1, 009	6, 085	1, 032	494	40, 620	3, 671	3, 271	9, 785
Other assets <sup>8</sup> .....	73	831	120	115	2, 602	825	506	3, 438
Liabilities, total <sup>4</sup> .....	1, 953	15, 877	3, 118	1, 702	64, 648	18, 853	10, 835	140, 402
Accounts payable <sup>9</sup> .....	114	1, 574	242	277	1, 822	3, 710	775	2, 636
Bonds, notes, and mortgages payable <sup>10</sup> .....	234	2, 138	105	200	26, 907	2, 952	5, 737	14, 386
Other liabilities <sup>11</sup> .....	75	642	125	244	3, 327	941	603	79, 257
Capital stock:								
Preferred.....	193	1, 703	255	86	4, 066	1, 314	555	6, 264
Common.....	340	5, 523	780	513	21, 354	6, 588	2, 546	20, 892
Surplus <sup>12</sup> .....	633	4, 553	1, 608	453	9, 267	4, 510	1, 368	21, 231
Less deficit <sup>13</sup> .....	107	455	51	166	2, 024	1, 162	1, 339	4, 315
Net surplus.....	526	4, 098	1, 612	287	7, 172	3, 348	529	16, 966

<sup>1</sup> Includes data for corporations not reporting nature of business.  
<sup>2</sup> Includes data for lines of manufacture not shown separately.  
<sup>3</sup> Excludes returns for inactive corporations and returns with fragmentary balance sheet data.  
<sup>4</sup> A adjustments of assets and liabilities are made in tabulating the data, if the following conditions appear on the balance sheets: (1) a negative amount reported in assets is transferred to its appropriate place under liabilities and "Total assets" and "Total liabilities" are increased by the amount; (2) a deficit in surplus shown under assets is transferred to liabilities and "Total assets" and "Total liabilities" are decreased by the amount of the deficit; and (3) reserves for depreciation and depletion when shown under liabilities are transferred to the corresponding asset accounts and "Total assets" and "Total liabilities" are reduced by the amount of such reserves.  
<sup>5</sup> In full and deposits in bank.   <sup>6</sup> See note 5, table 198.   <sup>7</sup> Less depreciation and depletion.  
<sup>8</sup> Includes copyrights, formulas; goodwill; patents; trade-marks; sinking funds; deferred charges; organization expenses; prepaid and suspense items; interest, discount, coupons, and dividends receivable; guaranty deposits, and deposits on contracts, meters, and leaseholds; and cash value of life insurance. Other assets of life insurance companies include market value of real estate and bonds in excess of book value; interest, rents, and premiums due; and agents' balances.  
<sup>9</sup> "Accounts payable" only. Notes payable are included in "Bonds, notes, and mortgages payable" for 1937.  
<sup>10</sup> Includes notes payable, which for 1936 were included in "Notes and accounts payable."  
<sup>11</sup> Includes all reserves other than surplus and reserves for depletion, depreciation, and bad debts; deferred and suspense items; funds held in trust; borrowed securities; discount and dividends payable; outstanding coupons and certificates; and overdrafts. Other liabilities of life insurance companies include net value of outstanding policies and securities and borrowed money. Other liabilities of banks include deposits (time, savings, demand, etc.) and bank notes in circulation.  
<sup>12</sup> Includes "Surplus reserves," "Paid-in or capital surplus," and "Earned surplus and undivided profits."  
<sup>13</sup> If one or more of these amounts are negative they are tabulated as "Deficit" and the remaining positive items are tabulated as "Surplus and undivided profits." In prior years the net amount of "Surplus and undivided profits" or "Deficit" was tabulated from each return. See note 13.  
<sup>14</sup> Consists of negative amounts for "Paid-in or capital surplus" and "Earned surplus and undivided profits." See note 12.   <sup>15</sup> Includes transportation.

No. 203.—INCOME TAX RETURNS, CORPORATION, BY TOTAL-ASSETS CLASSES,  
BY INDUSTRIAL GROUPS: 1937

[All money figures (except assets classes) in millions and tenths of millions of dollars. See headnote,  
table 192, regarding effect of discontinuance of consolidated form of return]

TOTAL-ASSETS CLASS (THOUSANDS OF DOLLARS)	Number of returns <sup>1</sup>	Total assets or liabilities <sup>2</sup>	Total compiled receipts <sup>3</sup>	Compiled net profit or loss <sup>4</sup>	Net income or deficit <sup>5</sup>	Number of returns <sup>1</sup>	Total assets or liabilities <sup>2</sup>	Total compiled receipts <sup>3</sup>	Compiled net profit or loss <sup>4</sup>	Net income or deficit <sup>5</sup>
	All corporations					Agriculture				
Total.....	416,802	308,367.2	188,806.8	7,776.6	7,306.1	7,046	1,987.1	746.0	25.8	25.4
Under 50.....	228,721	4,170.5	10,923.3	151.3	151.7	3,171	69.1	60.5	3.1	3.1
50-100.....	60,238	4,282.4	7,607.8	87.9	37.5	1,265	90.0	52.8	1.5	1.5
100-250.....	58,817	9,283.4	12,308.2	178.2	176.3	1,313	206.6	95.6	4.4	4.4
250-500.....	27,092	9,868.0	9,794.3	242.1	235.0	596	208.2	70.6	4.4	4.4
500-1,000.....	17,887	12,325.4	9,830.2	317.4	303.8	353	244.4	66.6	1.7	1.7
1,000-5,000.....	17,897	37,278.4	21,929.6	1,107.9	1,055.9	300	592.3	160.9	6.7	6.5
5,000-10,000.....	2,620	18,186.7	8,451.7	542.3	517.0	34	223.5	79.9	4.3	4.2
10,000-50,000.....	2,281	46,641.9	19,522.2	1,639.8	1,565.0	13	253.0	180.0	17.7	17.6
50,000 and over.....	740	161,311.4	38,539.5	3,842.3	3,547.5	1				
	Mining and quarrying					Manufacturing				
Total.....	11,487	9,146.2	3,272.8	296.6	293.5	85,474	55,728.1	61,560.2	3,686.2	3,688.6
Under 50.....	4,911	95.1	90.3	6.6	6.5	43,324	820.0	2,301.9	41.8	41.9
50-100.....	1,707	122.8	89.4	4.9	4.9	12,468	891.6	1,047.5	13.6	13.6
100-250.....	1,928	308.2	172.9	1.9	1.0	13,266	2,105.4	3,925.6	72.5	72.3
250-500.....	1,097	392.2	214.4	6.6	6.5	6,667	2,352.4	3,847.2	116.0	116.1
500-1,000.....	727	507.7	227.2	6.6	6.5	4,250	2,901.4	4,390.6	171.4	170.5
1,000-5,000.....	821	1,744.7	568.5	36.1	35.7	4,237	8,917.0	11,033.7	634.4	630.8
5,000-10,000.....	137	923.3	285.8	21.2	21.0	598	4,171.6	4,217.5	291.1	289.2
10,000-50,000.....	117	2,251.5	864.7	83.9	83.1	521	10,516.6	9,773.8	807.6	803.7
50,000 and over.....	22	2,800.7	785.4	147.9	146.4	143	22,957.1	20,122.4	1,620.8	1,614.1
	Construction					Transportation and other public utilities				
Total.....	14,807	1,702.0	2,355.4	47.3	46.4	20,775	64,648.0	13,234.6	1,084.2	1,076.9
Under 50.....	10,192	163.0	505.0	6.1	6.1	12,206	107.2	363.0	4.4	4.5
50-100.....	2,015	141.9	293.5	.5	.5	2,258	159.3	213.8	4.4	4.4
100-250.....	1,527	234.0	406.1	5.3	5.3	2,275	360.5	322.4	16.1	16.0
250-500.....	671	200.9	293.6	7.5	7.4	1,125	397.0	269.1	10.6	10.5
500-1,000.....	264	181.9	211.7	5.9	5.4	867	616.2	312.2	22.8	22.7
1,000-5,000.....	203	393.9	328.2	25.0	24.7	1,133	2,547.1	808.8	67.2	65.9
5,000-10,000.....	16	113.1	111.2	4.6	4.6	316	2,248.9	522.8	46.8	46.5
10,000-50,000.....	13	273.3	206.1	4.8	4.7	376	8,647.4	1,083.0	251.2	249.8
50,000 and over.....	1					219	40,474.4	3,409.5	669.5	663.5
	Trade					Service				
Total.....	138,200	18,852.8	44,189.2	845.5	842.2	49,751	10,835.0	4,605.1	35.7	34.5
Under 50.....	85,321	1,668.3	5,925.1	34.8	34.8	28,980	452.3	1,076.8	8.4	8.2
50-100.....	19,047	1,342.8	4,262.1	23.4	23.4	6,411	487.4	418.3	6.9	6.7
100-250.....	14,448	2,220.3	6,226.0	69.8	69.7	6,665	1,055.0	591.5	18.5	18.4
250-500.....	4,933	1,713.5	4,388.2	74.2	73.9	3,686	1,278.3	430.8	6.7	6.5
500-1,000.....	2,392	1,630.8	3,837.3	70.5	70.3	2,058	1,434.8	444.3	3.4	3.1
1,000-5,000.....	1,708	3,289.1	7,023.8	171.9	171.2	1,717	3,422.3	923.7	14.9	14.4
5,000-10,000.....	178	1,226.8	2,449.6	66.2	66.8	157	1,056.6	209.0	4.3	4.3
10,000-50,000.....	147	2,606.0	4,784.1	153.8	153.1	71	1,147.4	319.6	4.5	4.6
50,000 and over.....	26	3,245.2	5,303.0	250.3	249.7	6	830.9	101.2	7.6	7.6
	Finance—Banking and insurance					Nature of business not reported				
Total.....	88,438	140,402.8	8,827.3	1,756.8	1,321.0	844	60.7	6.4	1.4	1.4
Under 50.....	39,851	807.0	565.6	25.1	25.3	765	7.5	5.1	1.0	1.0
50-100.....	14,996	1,071.6	329.7	8.4	8.6	71	5.0	.7	1.1	1.1
100-250.....	17,325	2,782.7	687.6	4.4	4.7	70	10.7	.5	2.2	2.2
250-500.....	9,269	3,319.8	260.3	19.7	13.8	18	5.8		6.1	6.1
500-1,000.....	6,664	4,709.3	340.3	35.3	23.5	12	8.9			
1,000-5,000.....	7,766	16,346.1	1,032.0	151.8	105.4	7				
5,000-10,000.....	1,183	8,216.1	601.9	112.4	90.0	1				
10,000-50,000.....	1,023	21,088.1	1,565.8	334.1	266.4					
50,000 and over.....	331	82,061.6	3,594.1	1,137.4	857.5					

<sup>1</sup> Returns of active corporations submitting balance sheets.

<sup>2</sup> See note 4, table 202.

<sup>3</sup> See note 1, table 198.

<sup>4</sup> See note 8, table 198.

<sup>5</sup> See note 1, table 192.

<sup>6</sup> Classes grouped to avoid disclosing data for individual corporations.

<sup>7</sup> Deficit.

<sup>8</sup> Less than \$50,000.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 204.—GIFT TAX RETURNS, FEDERAL—SUMMARY: 1934 TO 1937

[All money figures and net gift classes in thousands of dollars]

	TOTAL				1937: Non-taxable returns, no net gifts	1937: TAXABLE RETURNS—NET GIFT CLASSES				
	1934	1935	1936	1937		Under 50	50-200	200-600	600-1,000	1,000 and over
Number of returns.....	9, 270	22, 563	13, 420	13, 605	9, 567	3, 265	604	141	24	4
Total gifts before ex- clusions.....	888, 763	2, 130, 514	482, 783	568, 109	250, 322	131, 583	102, 599	51, 304	21, 635	10, 664
Real estate.....	87, 723	150, 991	39, 811	46, 704	30, 401	10, 343	4, 426	1, 501	36	-----
Stocks and bonds.....	640, 761	1, 558, 724	290, 452	356, 421	145, 053	73, 092	70, 460	41, 335	16, 596	9, 885
Cash.....	106, 265	135, 859	88, 459	86, 074	37, 223	24, 684	15, 715	5, 845	1, 960	641
Insurance.....	35, 620	101, 144	22, 465	28, 732	12, 000	11, 177	4, 334	663	377	118
Miscellaneous.....	48, 384	133, 766	32, 598	50, 178	25, 585	12, 291	7, 664	1, 956	2, 662	20
Exclusions not exceeding \$5,000 for each donee.....	83, 377	217, 368	112, 375	120, 662	71, 919	34, 281	10, 385	3, 111	820	145
Total gifts after exclu- sions.....	805, 376	1, 913, 155	370, 408	447, 447	178, 403	97, 303	92, 214	48, 193	20, 815	10, 519
Deductions.....	268, 290	717, 156	235, 428	266, 508	178, 403	53, 783	23, 565	3, 945	1, 633	181
Charitable gifts after exclusions.....	73, 814	113, 320	47, 635	75, 514	49, 209	7, 260	15, 761	1, 811	1, 412	61
Specific exemption.....	194, 476	603, 835	187, 793	190, 995	129, 194	46, 524	12, 803	2, 134	220	120
Net gifts.....	537, 086	1, 196, 001	134, 970	180, 939	-----	43, 520	63, 849	44, 249	18, 182	10, 339
Tax.....	68, 383	162, 798	15, 664	22, 758	-----	2, 551	6, 582	6, 708	4, 181	2, 737

<sup>1</sup> Specific exemption allowed for 1934 and 1935, \$50,000; for 1936 and 1937, \$40,000, taken in 1 year or spread over a period of years at option of donor. For 1936 and 1937 data are adjusted according to the provisions of Sec. 301 (b) of the Revenue Act of 1935.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 205.—ESTATE TAX RETURNS, FEDERAL—SUMMARY: 1916 TO 1938

NOTE.—All money figures in thousands of dollars. Under the various revenue acts estate tax returns are required: (1) In the case of every citizen or resident (only every resident for deaths prior to May 11, 1934) decedent if gross estate exceeds \$50,000 for deaths prior to Feb. 26, 1926, and from June 6, 1932, to Aug. 30, 1935; \$100,000 for deaths from Feb. 26, 1926, to June 5, 1932; and \$40,000 for deaths on or after Aug. 31, 1935; (2) in the case of every nonresident alien (every nonresident citizen and alien if decedent died prior to May 11, 1934) who owned property in the United States at date of death. Estates of decedents dying on or after June 6, 1932, are subject to two taxes, that levied under the Revenue Act of 1926 and an additional tax levied under the act of 1932 or that act as amended.

YEAR	RETURNS FILED		GROSS ESTATE		NET TAXABLE ESTATE		TAX	
	Resi- dent dece- dents <sup>1</sup>	Non- resi- dent dece- dents <sup>2</sup>	Resi- dent dece- dents <sup>1</sup>	Nonresi- dent dece- dents <sup>2</sup>	Resi- dent dece- dents <sup>1</sup>	Nonresi- dent dece- dents <sup>2</sup>	Resi- dent dece- dents <sup>1</sup>	Non- resi- dent dece- dents <sup>2</sup>
Sept. 9, 1916-Jan. 15, 1922.....	42, 230	2, 896	8, 785, 042	107, 597	5, 407, 674	101, 849	351, 138	5, 378
Jan. 15-Dec. 31, 1922.....	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, 968, 364	42, 725	1, 621, 008	37, 861	80, 223	1, 099
1926.....	13, 142	1, 425	3, 380, 267	21, 650	1, 951, 909	20, 567	101, 324	481
1927.....	9, 353	1, 347	3, 140, 290	26, 945	1, 735, 840	25, 777	40, 031	755
1928.....	8, 079	2, 187	3, 503, 239	51, 032	1, 943, 429	49, 075	40, 561	1, 398
1929.....	8, 582	1, 761	3, 843, 514	49, 732	2, 268, 323	45, 653	43, 303	1, 085
1930.....	8, 798	1, 584	4, 108, 517	57, 106	2, 376, 973	50, 481	39, 003	2, 614
1931.....	8, 333	1, 556	4, 042, 381	33, 195	2, 327, 319	29, 013	44, 540	660
1932.....	7, 113	1, 394	2, 795, 818	34, 870	1, 391, 569	31, 868	22, 364	1, 310
1933 <sup>1</sup> .....	8, 727	1, 548	2, 026, 931	34, 025	970, 868	30, 056	59, 429	1, 986
1934 <sup>1</sup> .....	10, 353	1, 500	2, 244, 107	23, 178	1, 150, 533	20, 033	95, 228	988
1935 <sup>1</sup> .....	11, 110	1, 614	2, 435, 282	24, 609	1, 316, 888	22, 888	158, 763	1, 703
1936 <sup>1</sup> .....	11, 005	1, 716	2, 296, 287	16, 163	1, 245, 395	14, 627	195, 301	1, 069
1937 <sup>1</sup> .....	15, 037	1, 995	2, 787, 739	26, 019	1, 822, 018	23, 905	305, 784	2, 665
1938 <sup>1</sup> .....	16, 932	1, 710	3, 046, 977	22, 648	1, 724, 589	20, 670	314, 620	2, 182

<sup>1</sup> Includes citizens residing outside the United States who died on or after May 11, 1934.

<sup>2</sup> Excludes citizens residing outside the United States who died on or after May 11, 1934.

<sup>3</sup> The net taxable estate for decedents who died after 4:59 p. m. June 6, 1932, is net estate subject to the additional tax under the Revenue Act of 1932 or that act as amended. The data on net taxable estate for the years 1933-37 have been revised. The tax is the tax imposed by the Revenue Act of 1926 plus the additional tax under the Revenue Act of 1932 or that Act as amended.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 206.—ESTATE TAX RETURNS, FEDERAL—ANALYSIS OF RETURNS OF RESIDENT DECEDENTS,<sup>1</sup> 1935 TO 1938, AND BY NET ESTATE (BEFORE SPECIFIC EXEMPTION) CLASSES, 1938

[All money figures and net estate (before specific exemption) classes in thousands of dollars]

	1938											
	1935	1936	1937	Total	Nontaxable	Taxable—filed under all acts						
						Net estate (before specific exemption) classes <sup>2</sup>						1,000 under 5,000
Total	Under 50	50 under 200	200 under 600	600 under 1,000	1,000 under 5,000	5,000 and over						
Number of returns.....	11,110	11,605	15,037	15,932	2,712	13,220	2,655	8,510	1,546	240	245	24
Gross estate, total.....	2,435,282	2,296,257	2,767,739	3,048,877	202,885	2,846,112	151,552	975,955	808,459	231,189	610,359	268,697
Real estate.....	383,333	333,106	445,059	464,383	71,601	392,781	41,661	208,677	79,570	18,510	37,315	7,247
Bonds, exempt or partially exempt.....	322,102	254,153	311,742	412,648	9,920	402,728	7,472	70,006	68,711	32,086	102,533	121,951
Other bonds.....	198,846	184,713	195,820	197,804	9,254	188,550	9,031	77,917	55,868	15,317	24,708	5,709
Capital stock in corporations.....	901,311	923,300	1,165,585	1,273,672	55,300	1,218,372	41,356	331,296	268,429	121,324	338,702	117,264
Mortgages, notes, cash, etc.....	351,759	313,839	396,790	429,652	31,962	397,690	38,657	197,167	83,968	23,976	46,543	7,378
Insurance (gross).....	144,135	129,819										
Insurance (net).....			73,316	69,783	8,952	60,832	3,957	28,490	15,603	3,989	7,410	1,382
All other property.....	133,795	137,326	179,427	199,035	15,877	183,158	9,417	62,400	34,312	16,206	53,155	7,666
Deductions, total.....	1,943,789	1,763,684	2,215,858	1,385,755	388,331	1,119,523	138,304	542,181	188,444	57,873	165,794	45,647
Specific exemption under 1926 act <sup>3</sup> .....	1,110,350	1,159,650	1,503,150									
Specific exemption under 1932 act or that act as amended <sup>4</sup> .....				640,650	110,010	530,640	106,200	341,930	62,150	9,600	9,800	960
Charitable, public, and similar bequests.....	105,517	123,053	126,571	200,036	30,391	169,145	5,692	36,618	25,478	16,765	82,325	1,763
Property from an estate taxed within 5 years <sup>4</sup> .....	37,943	31,798	37,411	48,214	804	47,410	3,475	24,319	10,319	1,823	7,471	4
Funeral and administrative expenses, debts, mortgages, etc.....	626,730	375,507	548,726	496,855	124,527	372,328	23,437	139,292	71,495	29,484	65,700	42,922
Debts, mortgages, etc.....	(9)	(9)	(9)	317,315	111,320	205,995	14,087	81,168	36,699	16,742	37,199	20,100
Funeral and administrative expenses.....	(9)	(9)	(9)	156,345	11,684	145,161	8,542	52,967	31,828	12,071	26,754	13,001
Losses during administration.....	(9)	(9)	(9)	348	52	297	20	120	1	1	29	
Support of dependents.....	(9)	(9)	(9)	23,347	1,471	20,875	783	5,037	2,842	670	1,718	9,821
Insurance exemption.....	63,249	67,675										
Net estate before specific exemption.....	1,028,491	935,280	1,203,155	1,265,276	46,644	2,255,229	118,948	775,724	499,166	183,117	454,867	223,910
Net estate to which 1926 or prior year rates apply <sup>5</sup> .....	1,314,171	1,243,079	1,621,443	1,724,589		1,265,276	16	108,598	345,898	159,234	430,017	221,510
Net estate to which 1932, 1934, or 1935 rates apply <sup>5</sup> .....	56,292	56,446	76,120	76,508		1,724,589	12,748	433,794	437,016	173,517	444,567	222,950
Tax under 1926 or prior year acts.....	141,463	133,161	239,194	298,238		76,506	(9)	1,801	9,090	6,380	29,302	30,433
Additional tax under 1932 act or that act as amended.....	197,754	239,607	364,323	374,794		298,238	258	32,586	58,665	28,502	97,422	80,534
Total tax.....	43,990	44,306	58,538	60,174		314,620	(9)	1,073	7,250	4,963	29,533	24,353
Tax credits <sup>7</sup> .....	153,763	195,301	305,784	314,820			258	\$2,814	60,507	29,918	104,190	86,837

<sup>1</sup> Includes returns of all citizen decedents, regardless of place of residence, who died after May 11, 1934.

<sup>2</sup> The basis for net estate classes is the amount of net estate before the deduction of specific exemption. For returns of decedents who died on or after 5 p. m., June 6, 1932, the net estate and specific exemption used are those provided in computing the additional tax under the Revenue Act of 1932 or that act as amended and not those provided under the 1926 act.

<sup>3</sup> Specific exemption allowed under act of 1924 and prior acts is \$50,000; act of 1926, \$100,000. Specific exemption allowed for computing additional tax under act of 1932 and act of 1932 as amended by 1934, \$50,000; and act of 1932 as amended by 1935, \$40,000.

<sup>4</sup> For years 1935-37 the deduction tabulated is that computed under 1926 act; for 1938 the deduction is that used for computing additional tax under 1932 act or that act as amended, except for 19 returns for decedents who died prior to June 6, 1932. <sup>5</sup> Not reported separately. <sup>6</sup> Less than \$500.

<sup>7</sup> Credits for estate, inheritance, legacy, or succession taxes paid to any of the several States, Territories, or District of Columbia and gift taxes paid to the Federal Government.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 207.—PUBLIC DEBT OF THE UNITED STATES: 1800 TO 1940

[All figures except per capita in thousands of dollars]

LINE NO.	GROSS DEBT <sup>1</sup>		Interest bearing <sup>2</sup>	Ma-tured	Non-interest bearing <sup>3</sup>	JUNE 30—	GROSS DEBT <sup>1</sup>		Interest bearing <sup>2</sup>	Ma-tured	Non-in-terest bearing <sup>4</sup>
	Amount	Per capita					Amount	Per capita			
1800	82,976	\$15.87	—	—	—	1904	1,136,259	\$13.88	895,157	1,071	239,131
1810	53,173	7.46	—	—	—	1905	1,132,357	13.60	895,168	1,370	235,829
1820	91,016	9.68	—	—	—	1906	1,142,523	13.50	895,159	1,128	246,236
1830	48,665	3.83	—	—	—	1907	1,147,178	13.33	894,834	1,087	251,257
1840	3,573	.21	—	—	—	1908	1,177,000	13.46	897,504	4,130	276,056
1850	63,453	2.77	—	—	—	1909	1,148,315	12.91	913,317	2,884	232,114
1865	35,688	1.32	35,418	170	—	1910	1,146,940	12.69	913,317	1,125	231,498
1875	64,844	2.06	64,683	161	—	1911	1,163,985	12.28	915,353	1,280	236,752
1885	2,677,920	77.07	2,217,709	2,129	458,000	1912	1,193,839	12.48	963,777	1,760	228,301
1895	2,436,453	63.19	2,035,881	3,570	397,003	1913	1,193,048	12.28	965,707	1,660	225,682
1875	2,156,277	49.06	1,708,676	11,426	436,175	1914	1,188,235	12.00	967,953	1,553	218,730
1878	2,159,418	45.37	1,780,738	5,594	378,089	1915	1,191,264	11.83	969,759	1,507	219,998
1879	2,298,913	47.05	1,887,716	37,016	374,181	1916	1,226,146	11.90	971,563	1,473	232,110
1880	2,000,909	41.69	1,709,993	7,621	373,295	1917	2,075,619	28.67	2,712,549	14,232	245,837
1881	2,019,286	39.35	1,625,568	6,724	386,994	1918	12,245,629	115.65	11,985,882	20,243	237,504
1882	1,850,916	35.37	1,449,810	10,261	390,845	1919	25,482,034	240.09	25,234,406	11,109	236,429
1883	1,721,959	32.07	1,324,229	7,831	389,839	1920	24,297,918	228.32	24,031,405	6,748	230,075
1884	1,678,507	29.60	1,212,564	19,656	398,088	1921	23,076,261	221.09	23,737,362	10,940	227,959
1885	1,625,651	28.11	1,182,151	4,101	392,290	1922	22,964,079	208.97	22,711,036	25,261	227,793
1886	1,655,660	27.10	1,132,014	9,704	413,941	1923	22,349,688	200.10	22,007,501	98,172	243,925
1887	1,465,485	24.97	1,007,692	6,115	451,678	1924	21,251,120	180.86	20,981,586	30,241	239,293
1888	1,384,632	23.09	936,522	2,496	446,613	1925	20,516,272	177.82	20,210,906	30,243	275,123
1889	1,240,471	20.39	815,854	1,911	431,705	1926	19,643,183	167.70	19,353,771	13,328	246,084
1890	1,122,397	17.92	711,313	1,810	409,268	1927	18,510,174	150.04	18,250,944	14,707	244,523
1891	1,005,807	15.75	610,529	1,616	393,665	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	60,751	241,605
1893	961,432	14.49	585,037	2,094	374,301	1930	16,185,308	131.49	15,921,892	31,715	231,701
1894	1,016,898	15.04	635,042	1,851	380,005	1931	16,301,435	135.87	16,019,589	51,823	239,074
1895	1,006,913	15.01	716,202	1,722	378,089	1932	19,497,010	155.93	19,161,274	60,037	235,050
1896	1,222,729	17.40	847,364	1,637	373,729	1933	22,538,872	179.21	22,187,643	65,911	316,118
1897	1,226,794	17.14	847,365	1,347	378,082	1934	27,053,036	213.05	26,480,488	64,266	318,332
1898	1,232,743	16.90	847,367	1,263	384,113	1935	28,701,167	225.07	27,645,230	230,063	525,274
1899	1,430,701	19.33	1,046,499	1,218	389,434	1936	33,645,385	231.20	32,755,932	199,363	520,390
1900	1,263,417	16.56	1,023,479	1,170	288,762	1937	36,427,091	281.82	35,802,587	118,530	505,974
1901	1,221,572	15.71	987,141	1,416	233,016	1938	37,167,487	285.43	36,578,685	141,351	447,452
1902	1,178,013	14.89	931,070	1,281	245,680	1939	40,445,417	303.84	39,891,844	142,293	411,280
1903	1,159,406	14.40	914,541	1,205	243,659	1940	42,971,044	325.22	42,380,009	204,591	386,444

DATE	Gross debt <sup>1</sup>	INTEREST-BEARING DEBT					Non-interest-bearing debt <sup>1</sup>	Net debt, including matured interest obligations, etc. <sup>1</sup>
		Bonds <sup>2</sup>	Notes <sup>3</sup>	Certificates of indebtedness <sup>4</sup>	Treasury bills, maturity value	Special issues to Govt. agencies and trust funds		
1917—Apr. 6.	1,281,960	1,023,567	—	—	—	—	258,411	(5)
1918—Aug. 31.	26,594,268	17,102,803	5,044,707	4,201,209	—	—	245,400	25,700,395
1920—June 30.	24,297,918	16,218,385	5,073,784	2,768,020	—	—	336,823	24,330,890
1924—June 30.	21,251,120	16,025,450	4,148,013	807,514	—	—	209,534	21,478,204
1925—June 30.	20,510,172	16,249,260	2,739,931	633,285	—	—	305,360	20,439,234
1926—June 30.	19,643,183	16,928,279	1,798,713	452,879	—	—	203,900	19,572,705
1927—June 30.	18,043,184	15,230,305	1,085,954	689,000	—	95,400	358,500	20,929,230
1928—June 30.	17,604,291	13,020,818	2,682,118	1,262,408	—	—	462,352	20,059,112
1929—June 30.	16,931,198	12,134,702	2,207,138	1,040,200	—	—	606,902	20,292,256
1930—June 30.	16,185,308	12,111,335	1,626,116	1,264,355	155,016	784,171	263,416	16,985,383
1931—June 30.	16,301,435	13,630,523	451,719	1,801,778	444,580	200,089	281,897	16,481,625
1932—June 30.	19,497,010	14,249,658	1,261,284	2,725,730	615,332	308,970	325,377	19,225,532
1933—June 30.	22,538,872	14,223,627	4,548,379	2,108,328	954,493	323,176	381,029	21,834,565
1934—June 30.	27,053,036	16,509,867	6,053,112	1,517,245	1,404,035	396,239	572,598	24,773,076
1935—June 30.	28,701,167	14,935,838	10,023,252	—	2,052,898	633,242	1,055,937	27,634,672
1936—June 30.	33,645,385	18,394,080	11,380,085	—	2,353,510	626,142	789,753	31,828,883
1936—Dec. 31.	34,405,669	20,574,007	10,288,048	—	2,202,299	632,045	706,600	33,127,418
1937—June 30.	36,427,091	21,324,232	10,617,241	—	2,303,094	1,558,020	624,504	34,460,647
1937—Dec. 31.	37,286,216	21,089,402	10,547,067	—	1,952,164	2,226,754	570,820	34,859,351
1938—June 30.	37,167,487	23,001,923	9,146,923	—	1,154,164	2,675,675	588,802	35,554,520
1938—Dec. 31.	39,490,011	25,952,304	8,490,370	—	1,306,166	3,156,010	528,161	37,000,656
1939—June 30.	40,445,417	27,571,712	7,242,710	—	1,307,560	3,769,854	553,573	38,480,922
1939—Dec. 31.	41,000,699	29,576,322	6,202,666	—	1,454,743	4,231,400	495,538	39,773,522
1940—June 30.	42,971,044	29,920,321	6,382,600	—	1,302,194	4,774,894	591,035	41,381,998

<sup>1</sup> After deducting gold reserve against United States notes. Figures for 1800 to 1860, inclusive, are as of Jan. 1.

<sup>2</sup> Exclusive of bonds issued to the Pacific railways and the Navy pension fund.

<sup>3</sup> Includes matured debt on which interest has ceased, not shown separately. See first section of table for figures for June 30.

<sup>4</sup> Gross debt, including matured interest obligations, etc., less net balance held by the Treasurer of the United States.

<sup>5</sup> Excludes special issues to Government agencies and trust funds.

<sup>6</sup> Includes Treasury (war) savings securities for 1919 to 1929.

<sup>7</sup> Includes notes and certificates of indebtedness.

<sup>8</sup> Not available.

Source: Treasury Department; Annual Report of the Secretary, Statement of the Public Debt of the United States. Preliminary figures published currently in "Daily Statement of the U. S. Treasury."

No. 208.—PUBLIC DEBT OF THE UNITED STATES—ISSUES OUTSTANDING ON  
DECEMBER 31, 1939

SECURITY	Rate of interest	Redeemable (on and after) <sup>1</sup>	Payable	Amount outstanding
	Percent			1,000 dollars
<b>Interest-bearing debt outstanding</b>				41,465,181
<b>Bonds:</b>				
Panama Canal loan of 1901	3		June 1, 1961	49,800
Conversion bonds of 1946-47	3		Jan. 1, 1946-47	28,895
Postal savings bonds, series 18-49	2½	1 year from date of issue.	Jan. 1-July 1, 1940-55. <sup>2</sup>	117,073
<b>Treasury bonds:</b>				
4¼ percent of 1947-52	4¼	Oct. 15, 1947	Oct. 15, 1952	758,946
4 percent of 1944-54	4	Dec. 15, 1944	Dec. 15, 1954	1,036,663
3¾ percent of 1946-50	3¾	Mar. 15, 1946	Mar. 15, 1950	489,980
3½ percent of 1943-47	3½	June 15, 1943	June 15, 1947	454,155
3½ percent of 1940-45	3½	June 15, 1940	June 15, 1945	352,693
3½ percent of 1941-43	3½	Mar. 15, 1941	Mar. 15, 1943	544,870
3½ percent of 1946-49	3½	June 15, 1946	June 15, 1949	818,027
3 percent of 1951-55	3	Sept. 15, 1951	Sept. 15, 1955	755,452
3¼ percent of 1941	3¼		Apr. 1, 1941	834,453
3¼ percent of 1943-45	3¼	Oct. 15, 1943	Oct. 15, 1945	1,400,528
3¼ percent of 1944-46	3¼	Apr. 15, 1944	Apr. 15, 1946	1,518,738
3¼ percent of 1944-46	3	June 15, 1946	June 15, 1948	1,035,874
3 percent of 1948-48	3	Dec. 15, 1949	Dec. 15, 1952	491,375
3½ percent of 1940-52	3½	Mar. 15, 1956	Mar. 15, 1950	2,611,094
3½ percent of 1955-60	3½	Mar. 15, 1955	Mar. 15, 1957	1,234,429
2¾ percent of 1945-47	2¾	Sept. 15, 1945	Sept. 15, 1947	1,223,496
2¾ percent of 1948-51	2¾	Mar. 15, 1948	Mar. 15, 1951	1,020,687
2¾ percent of 1951-54	2¾	June 15, 1951	June 15, 1954	981,827
2¾ percent of 1955-59	2¾	Sept. 15, 1956	Sept. 15, 1959	1,785,841
2¾ percent of 1940-53	2¾	Dec. 15, 1949	Dec. 15, 1953	540,844
2¾ percent of 1945	2¾		June 15, 1948	450,978
2¾ percent of 1948	2¾		Sept. 15, 1948	918,781
2¾ percent of 1958-63	2¾	June 15, 1958	June 15, 1963	1,185,842
2¾ percent of 1950-52	2¾	Sept. 15, 1950	Sept. 15, 1952	1,485,385
2¾ percent of 1960-65	2¾	Dec. 15, 1960	Dec. 15, 1965	701,076
2 percent of 1947	2		Dec. 15, 1950	371,431
2 percent of 1948-50	2	Dec. 15, 1948	Dec. 15, 1950	1,090,963
2 percent of 1951-53	2¼	Dec. 15, 1951	Dec. 15, 1953	
<b>United States savings bonds: <sup>3</sup></b>				
Series A-1935	2.0	After 60 days from issue date.	Various dates from Mar. 1, 1945	175,759
Series B-1936	2.0	do.	Various dates from Jan. 1, 1946	321,631
Series C-1937	2.0	do.	Various dates from Jan. 1, 1947	420,146
Series C-1938	2.0	do.	Various dates from Jan. 1, 1948	507,237
Series D-1939	2.0	do.	Various dates from Jan. 1, 1949	695,453
<b>Unclassified sales:</b>				
Adjusted service bonds of 1945	3	On demand <sup>4</sup>	June 15, 1945	270,581
Adjusted service bonds (Government Life Insurance Fund series 1946)	4½	On demand	On or after June 15, 1946	500,158
<b>Treasury Notes:</b>				
Series A-1940	15½		Mar. 15, 1940	77,401
Series B-1940	13½		June 15, 1940	738,428
Series C-1940	13½		Dec. 15, 1940	737,162
Series A-1941	15½		Mar. 15, 1941	676,708
Series B-1941	13½		June 15, 1941	503,878
Series C-1941	13½		Dec. 15, 1941	204,425
Series A-1942	13½		Mar. 15, 1942	426,360
Series B-1942	2		Sept. 15, 1942	342,143
Series C-1942	19½		Dec. 15, 1942	232,375
Series A-1943	13½		June 15, 1943	629,117
Series B-1943	13½		Dec. 15, 1943	420,878
Series A-1944	3½		June 15, 1944	415,520
Series B-1944	1		Mar. 15, 1944	515,211
Series C-1944	1		Sept. 15, 1944	283,006
Old-age reserve account, series 1941-44	3	After 1 year from date of issue.	June 30, 1941 to 1944	1,435,200
Railroad retirement account, series 1942-44	3	do.	June 30, 1942 to 1944	77,200
Civil Service retirement fund, series 1940-44	4	do.	June 30, 1940 to 1944	540,500
Foreign Service retirement fund, series 1940-44	4	do.	do.	3,705
Canal Zone retirement fund, series 1940-44	4	do.	do.	4,250
Alaska Railroad retirement fund, series 1941-44	4	do.	June 30, 1941 to 1944	738

<sup>1</sup> Except where otherwise indicated.<sup>2</sup> Payable 20 years from date of issue.<sup>3</sup> Amount outstanding is current redemption value. Bonds are sold at a discount, payable at par on maturity, 10 years after date of issue. Interest rate is approximate yield if held to maturity.<sup>4</sup> At option of holder.

NO. 208.—PUBLIC DEBT OF THE UNITED STATES—ISSUES OUTSTANDING ON  
DECEMBER 31, 1939—Continued

SECURITY	Rate of interest	Redeemable (on and after) <sup>1</sup>	Payable	Amount outstanding
Interest-bearing debt outstanding—Con.				1,000 dollars
Treasury notes—Continued.	Percent			
Postal Savings System, series 1942-44.....	2	After 1 year from date of issue.	June 30, 1942 to 1944.	71,500
Government Life Insurance Fund, series 1943 and 1944.	2	.....do.....	June 30, 1943 and 1944.	3,250
Federal Deposit Insurance Corporation, series 1943 and 1944.	2	.....do.....	Dec. 1, 1943 and 1944.	71,000
Certificates of indebtedness—Special:				
Adjusted service certificate fund, series 1940.....	4	On demand.	Jan. 1, 1940.....	14,800
Unemployment trust fund, series 1940.....	2½	.....do.....	June 30, 1940.....	1,509,000
Treasury bills.....	0.007— 0.036		Various dates from Jan. 3 to Mar. 27, 1940.	1,454,743
Matured debt on which interest has ceased.....			On presentation.....	97,130
Debt bearing no interest.....			.....do.....	398,408
United States (legal tender) notes (\$340,681,000 less gold reserve (\$154,039,000)).			.....do.....	190,642
Old demand notes.....			.....do.....	53
National and Federal Reserve bank notes <sup>2</sup> .....			.....do.....	202,499
Fractional currency.....			.....do.....	1,979
Thrift and Treasury savings stamps.....			.....do.....	3,237

<sup>1</sup> Except where otherwise indicated.

<sup>2</sup> Treasury bills are non-interest-bearing short-term securities sold on a discount basis with competitive bids for each issue. The average sale price gives an approximate yield on a bank-discount basis. Yields on all issues outstanding Dec. 31, 1939, ranged between the percents given above.

<sup>3</sup> Assumed by the United States on deposit of lawful money for their retirement.

Source: Treasury Department, Statement of the Public Debt of the United States. Preliminary figures published currently in "Daily Statement of the United States Treasury."

NO. 209.—INDEBTEDNESS OF FOREIGN GOVERNMENTS TO UNITED STATES

NOTE.—In thousands of dollars. Figures are as of Mar. 31, 1940. Indebtedness of Germany to United States on account of costs of the American Army of Occupation and awards of the Mixed Claims Commission is not included. On Mar. 31, 1940, this totaled \$1,204,493,000 (reichsmarks converted to dollars at par). Payments by Germany to Mar. 31, 1940, amounted to \$33,588,000.

COUNTRY	Total indebtedness (payments on principal deducted)	Total payments received	FUNDED INDEBTEDNESS				UNFUNDED INDEBTEDNESS <sup>1</sup>	
			Indebtedness		Payments on account		Payments on account <sup>2</sup>	
			Principal (net)	Accrued interest	Principal	Interest	Principal	Interest
<b>Total.....</b>	<b>13,345,181</b>	<b>2,749,908</b>	<b>11,231,004</b>	<b>1,895,258</b>	<b>475,711</b>	<b>1,320,851</b>	<b>281,990</b>	<b>671,354</b>
Armenia.....	23,901							
Belgium.....	457,553	52,191	400,680	56,878	17,100	14,490	2,058	18,544
Cuba.....	12,237						10,000	2,237
Czechoslovakia.....	185,789	20,134	165,241	547	19,830			304
Estonia.....	21,321	1,248	16,406	4,855		1,247		1
Finland.....	8,143	5,891	8,042	100	968	4,624		309
France.....	4,200,333	486,076	3,883,650	336,683	161,350	38,650	64,690	221,386
Germany (Austrian indebtedness) <sup>3</sup> .....	26,017	863	25,980	36	863			
Great Britain.....	5,574,431	2,024,849	4,368,000	1,206,431	232,000	1,232,771	202,182	357,897
Greece.....	34,526	4,040	31,516	3,010	981	1,807	3	1,159
Hungary.....	2,413	518	1,909	504	74	443		1
Italy.....	2,025,526	100,830	2,004,900	20,628	37,100	5,767	364	57,599
Latvia.....	8,790	762	6,879	1,911	9	622		131
Liberia.....		36					26	10
Lithuania.....	7,870	1,238	6,108	1,673	235	1,002		2
Nicaragua.....		169					142	27
Poland.....	266,815	22,646	206,057	60,768	1,287	19,311		2,048
Rumania.....	64,914	4,791	63,861	1,054	2,700	29	1,799	263
Russia.....	395,002	8,750						8,750
Yugoslavia.....	61,818	2,589	61,625	193	1,225		728	636

<sup>1</sup> The principal amount of unfunded indebtedness on Mar. 31, 1940, was \$204,561,000 (Armenia, \$11,960,000 and Russia, \$192,601,000) and accrued interest of \$214,342,000 (Armenia, \$11,941,000 and Russia, \$202,401,000).

<sup>2</sup> Payments of governments which have funded their debts were made prior to the date of the funding agreements.

<sup>3</sup> See note 1 for principal amount of unfunded indebtedness and accrued interest.

<sup>4</sup> Includes balances of amounts postponed under provisions of joint resolution of Dec. 23, 1931.

<sup>5</sup> The German Government has been notified that the Government of the United States will look to the German Government for the discharge of this indebtedness of the Government of Austria to the Government of the United States.

Source: Treasury Department, Statement of the Public Debt of the United States.



No. 210.—PUBLIC DEBT OF THE UNITED STATES—TRANSACTIONS DURING  
FISCAL YEARS: 1933 TO 1939

[In thousands of dollars. "Debt bearing no interest" is amount after deducting gold reserve]

	1933	1934	1935	1936	1937	1938	1939
<b>Gross debt outstanding at beginning of fiscal year</b> .....	19,487,010	22,538,672	27,053,086	28,701,167	33,545,365	36,427,091	37,167,487
Interest-bearing debt.....	19,161,274	22,157,643	26,480,488	27,645,280	32,755,632	35,802,587	36,578,685
Matured debt.....	60,087	65,911	54,266	230,663	169,363	118,530	141,351
Debt bearing no interest.....	265,650	315,118	518,332	826,274	620,390	505,974	447,452
<b>Public debt issues</b> .....	9,697,083	13,582,927	13,125,791	14,120,728	9,691,909	9,621,317	13,086,783
Pre-war issues.....	18,380	27,580	25,719	20,744	—	—	—
Certificates of indebtedness.....	2,560,228	1,875,251	213,600	391,670	651,339	1,455,870	1,749,000
Treasury bills.....	3,061,895	4,385,975	4,007,066	3,556,159	3,604,843	3,757,949	5,227,365
Treasury notes.....	3,962,664	2,796,255	4,011,170	3,500,093	1,404,697	1,078,370	2,015,896
United States savings bonds.....	—	—	62,567	265,439	522,231	505,175	715,060
Adjusted service bonds.....	—	—	—	1,668,752	840,747	12,751	6,561
Treasury bonds.....	—	4,177,903	3,361,399	4,484,361	2,768,352	1,910,603	3,372,302
Treasury (war) savings securities.....	2	1	—	—	—	—	—
National and Fed. Res. bank notes, deposits for retirement.....	93,884	319,963	554,277	223,610	—	600	—
<b>Public debt redemptions</b> .....	6,645,420	9,088,514	11,477,710	9,278,511	6,710,293	8,860,921	9,808,853
Pre-war issues.....	2,010	2,242	1,801	873,194	1,836	1,777	310
Certificates of indebtedness.....	3,181,689	2,456,649	1,098,370	405,619	440,687	903,010	1,360,910
Treasury bills.....	2,719,862	3,929,416	3,426,590	3,283,135	3,666,199	4,856,487	5,066,764
First Liberty loan.....	2	2	1,788,407	101,395	14,850	18,783	2,336
Second Liberty loan.....	654	410	280	169	130	114	64
Third Liberty loan.....	1,006	712	456	255	190	260	143
Fourth Liberty loan.....	5	1,855,531	3,077,598	1,276,755	19,460	15,439	5,430
Victory Liberty loan.....	152	111	70	48	42	27	52
Treasury notes.....	663,015	645,457	1,335,620	2,138,641	1,043,259	2,875,067	3,212,210
Treasury bonds.....	42,834	61,113	555	2	532	322	9
United States savings bonds.....	—	—	631	11,253	36,328	66,869	82,067
Adjusted service bonds.....	—	—	—	957,492	463,275	82,625	42,368
Treasury (war) savings securities.....	210	143	123	77	42	31	19
National bank and Federal Reserve bank notes, retirements.....	44,383	116,725	247,310	428,477	114,402	59,111	36,162
Misc. noninterest-bearing debt.....	2	2	2	2	1	1	10
<b>Gross debt outstanding at end of fiscal year</b> .....	22,538,672	27,053,086	28,701,167	33,545,365	36,427,091	37,167,487	40,445,417
Interest-bearing.....	22,157,643	26,480,488	27,645,280	32,755,632	35,802,587	36,578,685	39,801,844
Matured debt.....	65,911	54,266	230,663	169,363	118,530	141,351	142,283
Debt bearing no interest.....	315,118	518,332	826,274	620,390	505,974	447,452	411,290

Source: Treasury Department, Annual Report of the Secretary.

No. 211.—CONTINGENT LIABILITIES OF THE UNITED STATES—PRINCIPAL AMOUNTS OF OBLIGATIONS OUTSTANDING AS OF DEC. 31, 1939

[All figures in thousands of dollars]

TITLE	Amount	TITLE	Amount
Guaranteed by U. S. (as to principal and interest), total.....	1 5,703,827	Guaranteed by U. S.—Continued.	
Unmatured obligations.....	5,621,189	Reconstruction Finance Corporation—Continued.	
Commodity Credit Corporation.....	406,794	7½% notes, Series P.....	238,639
5½% notes, Series D, 1941.....	202,553	7½% notes, Series R.....	310,090
1% notes, Series E, 1941.....	204,241	1% notes, Series S.....	275,868
Federal Farm Mortgage Corporation.....	1,269,388	Tennessee Valley Authority.....	(9)
3% bonds of 1944-49.....	835,086	U. S. Housing Authority, 1½% notes, Series B, 1944.....	6 114,157
3½% bonds of 1944-64.....	94,079	Matured obligations.....	7 82,658
3% bonds of 1942-47.....	236,476	Commodity Credit Corporation, ½% notes, Series C, 1939.....	8 2
2½% bonds of 1942-47.....	103,148	Federal Farm Mortgage Corporation, 1½% bonds of 1939.....	9 430
Federal Housing Administration.....	3,543	Federal Housing Administration, 2% debentures, Series B—1st called.....	4
3% debentures, Series A.....	2,127	Home Owners' Loan Corporation.....	10 81,924
2½% debentures, Series B—2nd called.....	660	2½% bonds, Series B, 1939-49.....	5
2½% debentures, Series B—Uncalled.....	756	1½% bonds, Series C, 1936.....	86
Home Owners' Loan Corporation.....	2,731,230	2% bonds, Series E, 1938.....	207
3% bonds, Series A, 1944-52.....	778,579	1½% bonds, Series F, 1939.....	11 1,278,982
2½% bonds, Series G, 1942-44.....	879,039	On credit of United States, total.....	
2½% bonds, Series K, 1940.....	127,867	Postal Savings System:	
7½% bonds, Series L, 1941.....	190,838	Funds due depositors.....	12 1,270,662
1½% bonds, Series M, 1945-47.....	754,907	Tennessee Valley Authority, 2½% bonds, Series A, 1943.....	13 8,300
Reconstruction Finance Corporation.....	4 1,006,057	Other obligations:	
7½% notes, Series N.....	211,460	Federal Reserve notes (face amount).....	14 4,948,642

1 Matured interest amounted to \$3,554,000 on Dec. 31, 1939.  
 2 Does not include bonds of 1940 amounting to \$10,000,000 held by the Treasury and reflected in the public debt.  
 3 Does not include Series N bonds amounting to \$20,000,000 held by the Treasury and reflected in the public debt; but does include bonds amounting to \$3,000 held by the Home Owners' Loan Corporation as "Treasury" bonds pending cancellation.  
 4 Does not include notes amounting to \$10,898,000 held by the Treasury and reflected in the public debt.  
 5 Bonds amounting to \$273,000 issued under Section 15a and an interim certificate amounting to \$50,000,000 issued under Section 15c of the Tennessee Valley Authority Act of 1933, as amended, are held by the Treasury and reflected in the public debt.  
 6 Does not include Series C notes amounting to \$10,000,000 held by the Treasury and reflected in the public debt.  
 7 Funds have been deposited with the Treasurer of the United States for payment of outstanding matured principal and interest obligations guaranteed by the United States.  
 8 Does not include notes amounting to \$243,000 in transit for redemption on Dec. 31, 1939.  
 9 Does not include bonds amounting to \$11,000 in transit for redemption on Dec. 31, 1939.  
 10 Does not include bonds amounting to \$332,000 in transit for redemption on Dec. 31, 1939.  
 11 Matured interest amounted to \$34,920,000 on Dec. 31, 1939.  
 12 Figures are as of Oct. 31, 1939—those of Dec. 31, 1939 not available. Offset by cash in designated depository banks and the accrued interest amounting to \$54,949,000, which is secured by the pledge of collateral as provided in the Regulations of the Postal Savings System, amounting to \$54,007,000; cash in possession of System amounting to \$65,980,000; Government and Government-guaranteed securities amounting to \$1,174,619,000 held as investments; and other assets.  
 13 Held by the Reconstruction Finance Corporation.  
 14 In actual circulation, exclusive of \$9,904,000 redemption fund deposited in the Treasury and \$315,977,000 of their own Federal Reserve notes held by the issuing banks. The collateral security for Federal Reserve notes issued consists of \$5,371,000,000 in gold certificates and in credits with the Treasurer of the United States payable in gold certificates, and \$1,305,000 in commercial paper.

Source: Treasury Department, Statement of the Public Debt of the United States.

No. 212.—SECURITIES OWNED BY THE UNITED STATES GOVERNMENT AS OF  
DEC. 31, 1939

NOTE.—All figures in thousands of dollars. On the basis of the face value of the securities received by the United States, with due allowance for repayments. To the extent that the securities are not held in the custody of the Treasury, the statement is made from reports received from other Government departments and establishments. The amount of foreign obligations was \$13,345,154,000 on Dec. 31, 1939; for detailed figures for such obligations as of Mar. 31, 1940, see table 209

SECURITY	Amount	SECURITY	Amount
<b>Total</b> .....	<b>2,927,188</b>	<b>Bonds and notes</b> .....	<b>101,171</b>
<b>Capital stock</b> .....	<b>1,783,491</b>	Federal Farm Mortgage Corporation.....	10,000
Banks for Cooperatives.....	99,000	Home Owners' Loan Corporation.....	20,000
Central Bank for Cooperatives.....	50,000	Reconstruction Finance Corporation.....	10,898
Commodity Credit Corporation.....	100,000	Tennessee Valley Authority.....	50,273
Disaster Loan Corporation.....	22,000	U. S. Housing Authority.....	10,000
Electric Home and Farm Authority.....	850	<b>Other securities</b> .....	<b>873,886</b>
Export-Import Bank of Washington.....	<sup>1</sup> 46,000	Farm Credit Administration:	
Federal Crop Insurance Corporation.....	15,000	Loans to cooperative marketing	
Federal Deposit Insurance Corpora-		associations and stabilization cor-	
tion.....	150,000	porations.....	80,951
Federal Farm Mortgage Corporation.....	200,000	Loans to joint stock land banks.....	18
Federal home loan banks.....	124,741	Seed, feed, drought relief, and crop	
Federal intermediate credit banks.....	70,000	production loans.....	167,717
Federal land banks.....	125,000	Farm Security Administration:	
Federal National Mortgage Associa-		Rural rehabilitation loans to farm-	
tion.....	<sup>2</sup> 10,000	ers, etc.....	257,146
Federal savings and loan associa-		<b>Interior Department:</b>	
tions.....	39,679	Indian loans.....	2,624
Federal Savings and Loan Insurance		<b>Navy Department:</b>	
Corporation.....	<sup>3</sup> 100,000	Sales of surplus property.....	4,607
Home Owners' Loan Corporation.....	<sup>4</sup> 100,000	<b>Public Works Administration:</b>	
Inland Waterways Corporation.....	12,000	Advances to States, municipalities,	
Panama Railroad Company.....	7,000	railroads, and others.....	72,393
Production credit corporations.....	120,000	<b>Puerto Rico Reconstruction Adminis-</b>	
Reconstruction Finance Corporation.....	<sup>5</sup> 309,215	tration:	
RFC Mortgage Company.....	<sup>6</sup> 25,000	Loans.....	4,142
Regional agricultural credit corpora-		Capital stock of Puerto Rico Ce-	
tions.....	5,000	ment Corporation.....	1,220
Tennessee Valley Associated Coopera-		<b>Rural Electrification Administration:</b>	
tives, Inc.....	1	Advances to cooperatives, States,	
U. S. Housing Authority.....	1,000	and private utilities.....	<sup>7</sup> 183,244
U. S. Housing Corporation.....	<sup>6</sup> 1,905	<b>Treasury Department:</b>	
U. S. Spruce Production Corpora-		Counties and municipalities.....	2,394
tion.....	100	Railroads.....	30,186
<b>Paid-in surplus</b> .....	<b>218,680</b>	Securities received by the Bureau of	
Federal intermediate credit banks.....	30,000	Internal Revenue in settlement of	
Federal land banks.....	187,680	tax liabilities.....	172
Federal National Mortgage Associa-		<b>U. S. Maritime Commission:</b>	
tion.....	<sup>1</sup> 1,000	Ship construction and recondition-	
		ing loans, ship sales notes, etc.....	58,022

<sup>1</sup> Reconstruction Finance Corporation funds amounting to \$45,000,000 and appropriated funds amounting to \$1,000,000.

<sup>2</sup> Reconstruction Finance Corporation funds.

<sup>3</sup> Home Owners' Loan Corporation obligations issued for capital stock subscriptions.

<sup>4</sup> Balance after deducting funds expended for subscriptions to capital stock of Federal Savings and Loan Insurance Corporation.

<sup>5</sup> Balance after deducting funds expended on account of securities included elsewhere in this table.

<sup>6</sup> The balance of the amount paid in by the United States on outstanding stock is \$34,100,000. Above amount represents net amount of assets available to liquidate such stock.

<sup>7</sup> Includes Reconstruction Finance Corporation funds amounting to \$109,785,000.

Source: Treasury Department, Statement of the Public Debt of the United States.

**No. 213.—TAX-EXEMPT SECURITIES—ESTIMATED AMOUNTS OUTSTANDING, INTEREST ON WHICH IS WHOLLY OR PARTIALLY EXEMPT FROM FEDERAL INCOME TAX: 1918 TO 1939**

NOTE.—In millions of dollars. Data are revised figures as of June 30

JUNE 30—	INTEREST EXEMPT FROM NORMAL INCOME TAX AND SURTAX									
	Total outstanding issues					Net outstanding issues <sup>1</sup>				
	Total	States, counties, cities, etc.	U. S. Government	Territories and possessions	Federal farm loan system <sup>2</sup>	Total	States, counties, cities, etc.	U. S. Government	Territories and possessions	Federal farm loan system <sup>3</sup>
1918	5,531	4,528	966	37	-----	4,910	3,908	966	36	-----
1914	5,954	4,949	998	37	-----	5,283	4,280	967	36	-----
1915	6,427	5,417	970	40	-----	5,682	4,682	961	39	-----
1916	6,887	5,875	972	40	-----	6,034	5,032	913	39	-----
1917	9,049	6,290	2,713	46	-----	8,120	5,430	2,645	45	-----
1918	9,187	6,643	2,387	46	111	8,118	5,694	2,325	45	54
1919	10,159	7,042	2,796	47	274	8,939	5,990	2,766	46	137
1920	11,308	7,746	3,112	49	401	10,029	6,666	3,080	48	235
1921	11,922	8,746	2,935	61	450	10,615	7,389	2,905	57	287
1922	12,094	9,893	2,294	77	730	11,501	8,565	2,269	76	591
1923	14,074	10,598	2,294	120	1,002	12,443	9,092	2,273	118	960
1924	15,290	11,633	2,294	132	1,231	13,537	10,006	2,278	125	1,128
1925	16,645	12,830	2,175	134	1,506	14,748	11,077	2,162	125	1,384
1926	17,638	13,664	2,164	149	1,659	15,588	11,775	2,151	134	1,528
1927	18,846	14,735	2,164	158	1,789	16,692	12,715	2,151	141	1,685
1928	19,892	15,699	2,166	161	1,866	17,623	13,560	2,152	149	1,762
1929	20,957	16,760	2,168	162	1,867	18,542	14,479	2,154	147	1,762
1930	23,785	17,985	3,764	165	1,871	20,722	15,566	3,230	152	1,765
1931	25,750	19,060	4,643	162	1,885	22,778	16,918	3,993	148	1,779
1932	28,316	19,830	7,046	160	1,780	25,086	17,930	5,345	137	1,674
1933	31,499	19,517	10,133	155	1,694	27,945	18,074	8,162	131	1,588
1934	33,354	18,823	12,194	150	2,137	28,552	17,294	9,623	125	1,870
1935	35,080	18,972	13,565	144	2,399	29,411	17,172	10,650	118	1,471
1936	36,947	19,212	15,272	145	2,318	31,240	17,317	12,405	119	1,390
1937	36,591	19,152	15,065	146	2,228	<sup>2</sup> 27,967	14,854	11,000	120	1,393
1938	34,959	19,170	13,492	146	2,151	<sup>2</sup> 25,063	14,738	8,898	123	1,304
1939	34,666	19,626	12,800	150	<sup>4</sup> 2,090	<sup>3</sup> 23,820	15,157	7,304	121	1,238

JUNE 30—	INTEREST EXEMPT FROM NORMAL TAX BUT NOT FROM SURTAX								
	Total outstanding issues, U. S. Gov't <sup>4</sup>	Net outstanding issues <sup>5</sup>	June 30—	Total outstanding issues			Net outstanding issues <sup>1</sup>		
				Total	U. S. Government	Governmental agencies <sup>6</sup>	Total	U. S. Government	Governmental agencies <sup>6</sup>
1918	9,599	9,353	1920	14,471	14,471	-----	13,385	13,385	-----
1919	22,439	22,028	1930	12,158	12,158	-----	11,120	11,120	-----
1920	20,949	20,433	1931	11,876	11,876	-----	11,483	11,483	-----
1921	20,803	20,225	1932	12,466	12,116	350	11,413	11,413	-----
1922	20,417	19,465	1933	13,610	12,025	1,585	11,306	11,306	-----
1923	19,714	19,221	1934	18,834	14,286	4,548	14,276	13,119	1,157
1924	18,688	17,887	1935	21,859	14,081	7,778	16,677	12,923	3,754
1925	18,036	17,180	1936	26,232	17,484	8,748	20,323	15,990	4,333
1926	17,220	16,222	1937	29,057	20,738	8,319	<sup>2</sup> 22,555	18,236	4,319
1927	18,087	16,002	1938	28,925	23,087	5,838	<sup>2</sup> 25,053	20,427	4,626
1928	15,152	14,110	1939	32,990	27,092	5,898	<sup>2</sup> 29,527	24,195	5,332

<sup>1</sup> Total outstanding issues less those held by U. S. Government, Federal trust funds and agencies, Federal Reserve banks, and in sinking funds of States, localities, Territories, and insular possessions.

<sup>2</sup> Includes Federal land bank bonds, Federal intermediate credit bank debentures, and joint stock land bank bonds. Does not include stocks.

<sup>3</sup> After deduction of tax-exempt securities held in State and local trust and investment funds; data for earlier years not available.

<sup>4</sup> Also includes Tennessee Valley Authority securities amounting to \$8,000,000.

<sup>5</sup> No securities of this type were outstanding prior to 1918.

<sup>6</sup> Reconstruction Finance Corporation, Commodity Credit Corporation notes, Federal Housing Administration debentures, Federal National Mortgage Association notes, United States Housing Authority notes, Federal Farm Mortgage Corporation bonds, Home Owners' Loan Corporation bonds, and home loan bank debentures.

Source: Treasury Department, Annual Report of the Secretary.

# 10. STATE AND LOCAL FINANCES, AND EMPLOYMENT

GENERAL NOTE.—The term "General government," as used in this section, covers all governmental transactions other than those of public-service enterprises.

## No. 214.—REVENUES AND COST PAYMENTS, 1912 AND 1932, AND DEBT, 1902, 1912, 1922, AND 1932, FOR FEDERAL, STATE, AND LOCAL GOVERNMENTS

Total amounts in millions and tenths of millions of dollars; per capita in dollars. For annual estimates of State and local securities outstanding, see table 213; for data for large cities, tables 230 and 238]

	AGGREGATE		NATIONAL GOVERNMENT		STATES		COUNTIES		CITIES, TOWNS, VILLAGES, AND BOROUGHES		All other civil divisions <sup>1</sup>
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	
<b>Revenue receipts:</b>											
1912	2,739.9	28.74	1,953.6	9.82	367.6	3.80	370.0	4.32	1,098.7	24.33	( <sup>4</sup> )
1932	11,477.3	92.18	2,625.3	20.97	2,207.9	17.83	1,313.8	11.99	3,373.6	42.54	1,956.6
<b>Governmental - cost payments:</b>											
1912	2,967.4	30.46	1,952.6	9.81	382.6	3.95	385.2	4.49	1,237.1	27.40	( <sup>4</sup> )
1932	13,469.2	108.18	3,906.6	31.20	2,505.8	20.24	1,411.8	12.88	3,694.6	46.32	2,050.3
<b>Gross debt less sinking-fund assets:</b>											
1902	2,838.9	35.93	969.5	12.22	239.4	3.03	196.6	2.80	1,346.8	( <sup>4</sup> )	86.7
1912	4,850.5	49.97	1,028.6	10.59	346.9	3.57	371.5	4.33	2,871.6	54.29	232.7
1922	30,845.6	283.70	22,155.9	203.78	936.6	8.64	1,273.3	13.19	4,679.4	71.26	1,801.6
1932	39,411.4	310.53	21,834.6	174.40	2,361.0	19.07	2,390.8	21.82	8,842.2	111.45	3,982.9

<sup>1</sup> Independent school districts, townships, bridge, dike, drainage, irrigation, road, etc., districts.  
<sup>2</sup> Data for years ended June 30, 1913 and 1933. Postal revenues and postal expenditures chargeable against them are included in receipts and expenditures, respectively. Further differences between figures in this table and totals in tables 170 to 178 are as follows: Receipts here shown exclude trust funds and other nonrevenue receipts while expenditures exclude public debt retirements, trust funds, Federal contribution for District of Columbia government, refunds of customs and internal revenue and other non-governmental costs.  
<sup>3</sup> Cities, towns, etc., with a population of 2,500 and over; comparable data for 1932 are: Revenue receipts, \$3,221,900,000 (per capita, \$45.69); governmental-cost payments, \$3,449,000,000 (per capita, \$49.24).  
<sup>4</sup> Not available.  
<sup>5</sup> The differences between the figures covered by this footnote and the corresponding ones appearing in subsequent tables are due (1) to the inclusion in this table and the exclusion in tables 216, 217, and 218 of data for public-service enterprises and (2) to the fact that data for the fiscal year 1931 (instead of 1932) are included in this table and in table 229 for 18 States and in other subsequent tables for only 7 States.  
<sup>6</sup> Gross debt less cash in Treasury as of June 30 following the year stated in stub.

## No. 215.—REVENUES AND COST PAYMENTS OF LOCAL GOVERNMENTS: 1932 [All figures, except per capita, in thousands of dollars]

	Counties	Cities, towns, villages, boroughs	Other local
<b>Revenue receipts, total</b> .....	1,313,882	3,373,594	1,956,556
Per capita.....	\$11.99	\$42.54	( <sup>1</sup> )
<b>From taxes, total</b> .....	1,020,835	2,251,289	1,443,773
General and selective property.....	877,142	2,057,495	1,426,670
Inheritance.....	1,647	3,648	262
Income.....	1,591	46,000	2,682
All other special.....	3,193	19,304	2,647
Poll.....	5,312	4,607	3,213
Licenses and permits.....	132,050	116,638	8,204
Special assessments.....	32,146	226,430	36,529
Fines, forfeits, and escheats.....	10,314	19,421	745
Grants.....	139,077	137,784	341,720
Donations, gifts, and pension assessments.....	2,534	33,303	2,907
Highway privileges, rents, and interest.....	19,140	130,951	18,010
Charges for current services.....	88,956	87,415	80,869
Earnings of public service enterprises.....	821	487,001	31,997
<b>Governmental-cost payments, total</b> .....	1,411,836	3,594,647	2,050,307
Per capita.....	\$12.88	\$45.32	( <sup>1</sup> )
<b>Operation and maintenance of general government</b> .....	981,192	2,070,192	1,406,331
General administrative, legislative, and judicial.....	251,150	( <sup>2</sup> )	( <sup>2</sup> )
Protection to person and property.....	44,231	( <sup>2</sup> )	( <sup>2</sup> )
Health and sanitation.....	32,773	( <sup>2</sup> )	( <sup>2</sup> )
Highways.....	236,350	( <sup>2</sup> )	( <sup>2</sup> )
Charities, hospitals, and corrections.....	182,120	( <sup>2</sup> )	( <sup>2</sup> )
Schools.....	178,406	( <sup>2</sup> )	( <sup>2</sup> )
Libraries.....	3,772	( <sup>2</sup> )	( <sup>2</sup> )
Recreation.....	7,618	( <sup>2</sup> )	( <sup>2</sup> )
Development and conservation of natural resources.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Miscellaneous.....	44,787	( <sup>2</sup> )	( <sup>2</sup> )
<b>Operation and maintenance of public service enterprises</b> .....	489	282,891	18,234
Interest.....	118,875	424,139	188,596
Outlays.....	311,270	817,425	347,146

<sup>1</sup> Not computed.

<sup>2</sup> Not available.

Source of tables 214 and 215: Dept. of Commerce, Bur. of Census; table 214, 1902 to 1922, Decennial Census reports, Wealth, Debt, and Taxation; 1932 and table 215, Financial Statistics of State and Local Govts.

No. 216.—REVENUES AND COST PAYMENTS OF GENERAL GOVERNMENT OF STATES, BY SOURCE AND FUNCTION: 1932 AND 1937

NOTE.—For statistics of public-service enterprises for 1937, see table 219. Revenues exclude borrowings and other nonrevenue receipts. Cost payments exclude outlays and interest, and debt retirements and other noncost payments. Because of a change in classification of accounts for 1937, it is impracticable to present comparable data for 1932 for some of the items. Data for 1937 are for fiscal years ended in 1937; those in the 1932 columns are for fiscal years ended in 1932, except for 7 States, for which 1931 fiscal-year data were included

SOURCE OF REVENUES AND FUNCTION OF COST PAYMENTS	1932			1937		
	Amount (thousands of dollars)	Per capita (dollars)	Per cent of total	Amount (thousands of dollars)	Per capita (dollars)	Per cent of total
Revenues of 48 State governments, total.....	2, 140, 896	17. 27	100. 0	4, 083, 196	31. 90	100. 0
Taxes:						
General property.....	320, 440	2. 58	15. 0	206, 433	1. 61	5. 0
Selective property.....				47, 817	. 37	1. 2
Special property.....				106, 513	. 86	5. 0
Income:						
Corporation.....	47, 526	. 38	2. 2	81, 046	. 63	2. 0
Individual.....				164, 153	1. 28	4. 0
Inheritance and estate.....	142, 961	1. 15	6. 7	114, 903	. 90	2. 8
Poll.....	5, 114	. 04	. 2	4, 654	. 04	. 1
Severance.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	44, 137	. 34	1. 1
Sales:						
Motor fuel.....	415, 580	3. 35	19. 4	649, 301	5. 06	15. 9
General sales and use.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	430, 996	3. 36	10. 5
All other.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	208, 372	1. 62	5. 1
Business.....	267, 290	2. 16	12. 5	304, 870	2. 38	7. 4
Nonbusiness license and permit:						
Motor vehicles.....	265, 812	2. 14	12. 4	309, 458	2. 41	7. 6
All other.....	14, 063	. 11	. 7	17, 303	. 14	. 4
Unemployment compensation.....				346, 770	2. 70	8. 5
All other <sup>4</sup> .....	184, 027	. 27	1. 6	56, 025	. 44	1. 4
Non-taxes:						
Special assessments and special charges.....	18, 626	. 15	. 9	2, 843	. 02	. 1
Grants.....	227, 732	1. 84	10. 6	585, 420	4. 66	14. 3
Charges for current services.....	152, 168	1. 23	7. 1	179, 076	1. 40	4. 4
Contributions from public-service enterprises.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	50, 794	. 40	1. 2
All other <sup>7</sup> .....	128, 065	. 99	5. 7	169, 617	1. 32	4. 1
Cost payments for operation and maintenance of 48 State governments, total.....	1, 562, 075	12. 52	100. 0	2, 628, 421	20. 49	100. 0
General administrative, legislative, and judicial.....	121, 515	. 98	7. 8	150, 970	1. 18	5. 7
Protection to person and property.....	87, 049	. 70	5. 6	106, 055	. 83	4. 0
Health and sanitation:						
Grants to minor civil divisions.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	2, 238	. 02	. 1
All other.....	25, 864	. 21	1. 7	34, 050	. 27	1. 3
Development and conservation of natural resources:						
Grants to minor civil divisions.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	867	. 01	( <sup>10</sup> )
All other.....	71, 517	. 58	4. 6	77, 075	. 60	2. 9
Highways:						
Grants to minor civil divisions.....	90, 793	. 73	5. 8	209, 771	1. 63	8. 0
All other.....	213, 920	1. 73	13. 8	248, 319	1. 94	9. 4
Charities:						
Grants to minor civil divisions.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	220, 415	1. 72	8. 4
All other.....	109, 655	1. 88	11. 7	391, 143	3. 05	14. 9
Hospitals and institutions for handicapped.....	156, 060	1. 26	10. 1	183, 277	1. 43	7. 0
Correction.....	63, 260	. 51	4. 1	65, 526	. 51	2. 5
Education:						
Schools:						
Grants to minor civil divisions.....	408, 498	3. 25	26. 0	636, 262	4. 96	24. 2
All other.....	187, 609	1. 51	12. 1	191, 256	1. 49	7. 3
Libraries.....	2, 375	. 02	. 2	2, 455	. 02	. 1
Recreation.....	8, 024	. 06	. 5	6, 315	. 05	. 3
Contributions to public-service enterprises.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	2, 635	. 02	. 1
All other.....	10, 926	. 09	. 7	100, 292	. 78	3. 8

<sup>1</sup> Included in all other taxes, if there were receipts from this source.

<sup>2</sup> Included in business taxes, if there were receipts from this source.

<sup>3</sup> Includes sales taxes other than motor fuel, if there were receipts from this source.

<sup>4</sup> Includes following taxes: Incorporation, franchise, documentary stamp, mortgage registry, stock transfer, and other miscellaneous; and severance taxes for 1932.

<sup>5</sup> From minor civil divisions, \$20,613,000; from Federal Government: Total, \$564,807,000; highways, \$317,409,000; education, \$24,844,000; public health, \$12,933,000; relief, \$155,061,000; unemployment compensation administration, \$9,236,000; all other, \$45,323,000.

<sup>6</sup> Not available.

<sup>7</sup> Includes donations, pension assessments, fines, forfeits, escheats, highway privileges, rents, and interest.

<sup>8</sup> Includes \$3,878,000 grants to minor civil divisions.

<sup>9</sup> No data.

<sup>10</sup> Less than 1/2 of 1 percent.

<sup>11</sup> Includes supervision of charities, hospitals, and correction.

<sup>12</sup> Includes \$35,030,000 grants for general purposes.

Source: Department of Commerce, Bureau of the Census; annual report, Financial Statistics of States; special release and official records.

No. 217.—REVENUES AND COST PAYMENTS OF

[All figures, except per capita, in

DIVISION AND STATE	REVENUES										
	Total			Tax							
	Amount <sup>1</sup>	Per capita <sup>2</sup>		Total <sup>1</sup>	Prop-erty	In-come	Inher-itage and estate	Sales	Busi-ness	Non-business license and permit	Unem-ployment com-pensation
		1937	1932								
<b>Total, 48 States</b>	<b>4,093,196</b>	<b>\$31.60</b>	<b>\$17.27</b>	<b>3,105,445</b>	<b>373,397</b>	<b>245,199</b>	<b>114,903</b>	<b>1,233,870</b>	<b>304,870</b>	<b>328,821</b>	<b>346,770</b>
<b>New England</b>	<b>286,873</b>	<b>33.37</b>	<b>20.58</b>	<b>216,717</b>	<b>40,817</b>	<b>9,293</b>	<b>13,701</b>	<b>54,072</b>	<b>21,166</b>	<b>26,131</b>	<b>60,147</b>
Maine	29,519	34.52	28.61	21,190	5,549		979	6,135	2,155	4,221	1,872
N. Hampshire	18,516	36.37	24.46	13,530	2,943		709	3,326	846	2,899	2,283
Vermont	12,524	32.78	30.23	9,174	1,062	533	235	2,335	965	2,522	714
Massachusetts	145,332	32.84	17.20	110,676	23,823	8,760	7,689	24,737	6,397	7,217	31,242
Rhode Island	21,967	32.24	18.87	16,452	2,343		303	2,388	3,460	2,796	4,033
Connecticut	63,827	33.85	22.99	45,696	4,867		3,285	14,152	7,307	6,475	9,404
<b>Middle Atlantic</b>	<b>1,018,511</b>	<b>37.05</b>	<b>19.50</b>	<b>811,984</b>	<b>128,779</b>	<b>135,083</b>	<b>53,019</b>	<b>172,378</b>	<b>89,224</b>	<b>96,366</b>	<b>92,102</b>
New York	494,968	38.23	20.10	404,931	13,031	104,892	33,650	65,303	66,368	36,734	47,858
New Jersey	143,470	33.09	22.37	109,872	29,779		7,541	29,149	3,432	19,192	17,469
Pennsylvania	373,072	37.23	17.48	297,160	83,372	30,201	16,823	77,024	10,424	40,388	26,775
<b>E. N. Central</b>	<b>832,528</b>	<b>32.28</b>	<b>14.87</b>	<b>657,167</b>	<b>41,713</b>	<b>10,807</b>	<b>16,872</b>	<b>372,428</b>	<b>47,620</b>	<b>75,211</b>	<b>69,844</b>
Ohio	243,376	37.04	10.47	201,186	10,217		2,208	109,894	19,365	7,563	51,445
Indiana	101,332	29.23	17.05	81,525	5,803		1,239	47,513	3,372	9,033	13,064
Illinois	194,233	24.71	11.48	152,589	4,504		5,090	100,661	14,303	21,930	
Michigan	103,000	40.14	20.53	148,893	15,015		4,175	86,592	5,435	22,924	14,043
Wisconsin	94,524	32.39	21.89	72,961	6,174	10,807	4,154	21,768	5,085	13,560	11,292
<b>W. N. Central</b>	<b>384,201</b>	<b>28.53</b>	<b>11.81</b>	<b>258,046</b>	<b>47,930</b>	<b>20,792</b>	<b>3,568</b>	<b>113,883</b>	<b>23,490</b>	<b>37,472</b>	<b>30,777</b>
Minnesota	104,823	30.65	23.46	67,633	17,830	6,373	677	17,296	10,250	9,476	4,700
Iowa	86,523	33.99	17.36	64,905	10,430	4,823	960	29,880	3,570	11,298	3,577
Missouri	86,907	21.80	14.12	63,677	7,567	7,393	1,403	32,785	4,445	9,944	3,777
N. Dakota	19,834	28.13	10.48	9,314	1,951	601	20	5,647	425	867	
S. Dakota	22,625	32.70	23.96	12,016	237	486	83	8,392	531	1,035	503
Nebraska	30,609	22.44	17.00	16,127	4,120		44	9,226	1,081	842	
Kansas	42,744	22.81	17.06	25,242	5,436	2,215	400	10,557	2,189	4,010	
<b>S. Atlantic</b>	<b>408,906</b>	<b>24.63</b>	<b>16.07</b>	<b>319,479</b>	<b>24,657</b>	<b>24,982</b>	<b>8,717</b>	<b>153,125</b>	<b>36,268</b>	<b>34,660</b>	<b>24,594</b>
Delaware	12,080	46.46	61.96	8,924	79		1,276	2,631	630	1,177	
Maryland	48,779	23.07	10.60	37,188	6,112	3	3,589	11,892	5,752	4,172	6,907
Virginia	65,107	24.20	17.34	45,293	3,763	3,786	705	17,221	7,337	6,535	4,309
W. Virginia	60,456	32.70	13.73	48,156	1,746	1,677	609	20,171	2,034	5,436	5,099
N. Carolina	93,491	26.90	13.58	74,262	3,373	11,324	3,963	33,881	7,733	8,100	6,603
S. Carolina	38,341	19.45	11.19	28,212	3,454	3,260	138	14,167	2,854	1,510	2,017
Georgia	43,254	14.02	11.33	34,262	3,817	3,655	335	21,796	2,448	1,540	
Florida	49,397	29.81	17.03	43,177	2,312		1,156	25,466	7,480	6,051	
<b>E. S. Central</b>	<b>203,273</b>	<b>19.49</b>	<b>11.62</b>	<b>164,858</b>	<b>19,406</b>	<b>7,088</b>	<b>2,001</b>	<b>78,041</b>	<b>20,650</b>	<b>10,833</b>	<b>16,362</b>
Kentucky	61,606	21.22	14.02	48,576	5,374	3,625	904	20,491	9,647	3,291	4,674
Tennessee	48,961	17.00	12.23	37,362	1,800		990	21,146	5,045	3,846	3,901
Alabama	57,070	19.76	11.37	45,360	7,624	2,005	75	20,358	3,839	3,282	7,244
Mississippi	40,635	20.16	8.05	23,561	4,039	1,458	31	14,046	2,119	414	1,134
<b>W. S. Central</b>	<b>369,261</b>	<b>23.71</b>	<b>15.51</b>	<b>274,637</b>	<b>38,168</b>	<b>12,709</b>	<b>1,837</b>	<b>120,667</b>	<b>17,230</b>	<b>20,879</b>	<b>25,546</b>
Arkansas	32,942	16.17	13.87	26,708	4,279	628	185	16,664	1,358	3,311	
Louisiana	78,199	36.03	16.25	63,369	10,462	4,855	552	22,980	4,554	4,798	7,560
Oklahoma	80,900	31.86	12.69	59,369	8,07	7,226	329	28,191	2,529	5,188	3,727
Texas	177,220	28.79	17.12	125,191	22,619		729	52,832	8,789	7,582	14,259
<b>Mountain</b>	<b>173,080</b>	<b>45.77</b>	<b>26.48</b>	<b>102,097</b>	<b>17,899</b>	<b>4,637</b>	<b>2,012</b>	<b>53,874</b>	<b>7,719</b>	<b>7,562</b>	<b>7,463</b>
Montana	22,252	41.67	25.50	11,143	2,239	486	470	5,134	1,848	391	
Idaho	18,505	58.14	21.91	11,073	1,266	1,929	66	4,303	850	819	1,669
Wyoming	14,010	59.82	38.17	6,521	534		51	4,034	361	833	580
Colorado	40,633	38.03	20.92	26,948	3,468		993	16,328	2,182	1,628	2,320
N. Mexico	24,227	57.41	25.11	12,289	2,034	267	188	7,320	287	1,281	736
Arizona	21,320	52.13	30.72	15,237	3,365	1,151	52	8,074	514	1,141	945
Utah	24,355	47.08	27.87	15,485	3,670	803	190	7,125	1,390	1,154	1,213
Nevada	7,368	72.95	66.76	3,341	1,274			1,296	347	306	
<b>Pacific</b>	<b>403,757</b>	<b>45.89</b>	<b>22.00</b>	<b>308,591</b>	<b>16,527</b>	<b>19,797</b>	<b>8,159</b>	<b>172,803</b>	<b>42,504</b>	<b>17,719</b>	<b>31,343</b>
Washington	74,740	45.38	25.47	51,309	4,067		1,771	38,564	2,892	3,545	
Oregon	41,479	40.59	30.86	25,971	1,656		550	10,129	4,163	3,155	2,991
California	237,538	47.06	19.62	232,312	10,804	16,774	5,838	123,910	35,449	11,018	28,351
<b>Hawaii</b>	<b>16,293</b>	<b>41.14</b>	<b>(3)</b>	<b>10,808</b>	<b>1,544</b>	<b>3,803</b>	<b>167</b>	<b>3,788</b>	<b>1,050</b>	<b>35</b>	

<sup>1</sup> Includes items not shown separately.

<sup>2</sup> Based on estimated population as of middle of fiscal year for each State.

<sup>3</sup> Data for the fiscal year 1931.

<sup>4</sup> No data.

GENERAL GOVERNMENT OF STATES, BY STATES: 1937

thousands of dollars. See headnote, table 216)

REVENUES—continued				COST PAYMENTS							DIVISION AND STATE
Nontax				Total	Operation, maintenance, and interest				Outlays		
Total	Grants	Charges for current services	Contributions from public-service enterprises		Total		Operation and maintenance	Interest			
					Amount	Per capita <sup>2</sup>					
						1937				1932	
987,750	585,420	179,076	50,794	3,463,324	2,761,448	\$21.44	\$13.40	2,629,421	122,027	711,876	U. S.
68,956	42,110	13,736	1,088	223,391	190,615	22.19	15.24	189,595	4,021	32,775	N. E.
8,329	4,874	2,953	—	28,017	22,405	25.20	24.37	21,230	1,175	5,612	Maine.
4,985	2,007	1,289	855	16,909	13,177	25.69	23.09	12,064	513	3,732	N. H.
3,850	2,153	4,482	—	11,127	8,471	22.17	19.42	8,174	297	2,656	Vt.
34,657	21,673	4,882	—	98,617	91,248	20.62	12.04	90,511	1,737	7,370	Mass.
5,505	4,229	691	—	22,802	14,361	21.09	12.64	13,353	1,008	8,442	R. I.
13,131	6,874	3,389	—	45,918	40,954	23.50	16.95	40,663	291	4,964	Conn.
204,547	94,441	30,698	22,727	810,812	698,224	25.45	17.49	692,016	36,208	112,588	M. A.
90,038	49,038	11,073	—	423,734	307,237	25.30	20.57	344,112	23,120	62,497	N. Y.
33,697	14,911	6,089	—	107,496	92,761	21.39	18.53	85,106	7,655	14,735	N. J.
80,912	30,442	12,936	—	273,652	238,225	23.46	12.99	232,798	5,427	35,457	Pa.
175,969	100,663	31,856	11,398	687,144	565,861	21.94	11.61	552,053	13,778	121,263	E. N. C.
48,191	25,875	6,563	6,900	192,501	175,740	26.10	7.37	175,257	483	10,761	Ohio.
19,807	9,002	7,293	—	76,909	63,628	18.35	10.80	63,459	170	19,280	Ind.
41,704	37,110	3,283	—	175,820	130,485	16.69	9.09	121,831	8,654	45,835	Ill.
44,104	18,900	8,047	4,496	102,451	134,500	27.99	18.29	130,172	4,388	27,571	Mich.
21,663	10,096	6,095	—	79,484	61,447	21.06	17.54	61,364	85	15,037	Wis.
185,956	92,047	27,013	1,449	375,495	273,589	19.80	11.91	259,628	13,969	101,906	W. N. C.
37,160	21,639	6,441	—	102,711	76,487	28.93	17.29	72,176	4,311	20,224	Minn.
21,663	14,244	5,378	1,449	75,960	61,500	24.14	9.79	61,103	397	14,460	Iowa.
25,290	16,906	5,808	—	81,605	69,149	14.83	8.97	64,204	4,860	22,450	Mo.
10,520	7,633	1,721	—	20,520	14,878	21.10	15.41	15,574	1,505	5,642	N. Dak.
10,610	6,961	1,907	—	20,419	14,165	20.40	16.07	12,003	2,155	6,261	S. Dak.
14,482	11,321	2,046	—	32,105	21,748	15.94	9.96	21,751	17	10,357	Nebr.
17,502	13,282	3,592	—	42,175	25,069	13.70	11.62	24,087	15,982	16,500	Kans.
89,426	49,479	25,984	7,138	352,508	263,905	15.92	11.36	248,180	15,425	68,501	S. A.
3,150	2,023	539	—	12,038	9,411	36.19	33.75	9,322	88	2,627	Del.
11,591	6,426	4,212	—	37,565	30,359	18.08	14.67	28,427	1,912	7,226	Md.
19,810	7,916	5,240	4,390	56,900	38,561	14.34	13.16	37,607	3,651	17,429	Va.
12,300	6,584	2,602	2,745	49,601	40,033	21.66	10.20	36,352	3,851	9,628	W. Va.
19,230	11,458	5,861	—	74,709	55,428	15.96	12.89	48,355	7,044	19,281	N. C.
8,129	6,224	1,718	—	32,857	23,734	12.71	8.52	22,012	1,722	9,123	S. C.
8,992	6,087	2,631	—	40,393	24,922	3.08	6.73	24,837	74	15,474	Ga.
6,219	2,761	3,101	—	49,290	41,178	24.85	12.77	41,178	—	8,113	Fla.
53,414	37,202	13,146	397	183,348	130,871	12.26	19.67	119,217	11,854	52,477	E. S. G.
13,030	8,144	4,320	—	47,693	35,171	12.12	9.56	33,780	1,384	12,422	Ky.
11,600	6,513	4,058	—	46,205	38,529	13.88	11.06	33,799	4,730	7,676	Tenn.
11,710	7,555	2,816	397	49,391	38,305	13.26	10.13	35,031	3,223	11,086	Ala.
17,074	14,690	1,952	—	40,159	18,807	9.36	6.31	16,550	2,317	21,292	Miss.
94,624	61,985	14,441	—	318,048	246,115	19.13	11.55	233,363	12,717	72,831	W. S. G.
6,233	3,607	2,345	—	26,633	23,096	11.34	11.55	15,079	5,071	7,637	Ark.
14,830	8,390	3,449	—	67,243	53,032	24.37	13.93	47,000	6,032	14,216	La.
21,531	10,060	2,357	—	71,351	58,300	22.92	9.19	57,639	661	13,181	Okla.
52,029	33,877	6,310	—	153,784	111,787	18.16	11.44	110,875	1,111	41,998	Tex.
70,993	49,829	8,761	—	172,695	112,837	20.98	16.39	110,980	2,258	59,758	Mt.
11,149	7,537	933	3,169	20,895	11,487	21.47	14.57	11,018	470	9,408	Mont.
7,732	5,079	742	1,470	15,210	16,682	33.84	12.71	16,575	107	1,520	Idaho.
7,489	5,045	449	—	13,161	7,162	30.43	24.01	7,021	141	15,999	Wyo.
13,736	9,746	2,804	—	49,155	31,273	29.25	13.47	30,926	347	17,882	Colo.
11,938	7,452	1,228	—	28,281	13,173	31.22	16.93	12,604	569	10,168	N. Mex.
6,023	4,652	713	—	19,101	11,038	20.19	18.27	11,827	111	7,163	Ariz.
8,900	5,874	1,095	550	21,216	17,644	34.06	19.50	17,175	469	3,672	Utah.
4,027	3,582	1,098	—	7,678	3,578	35.42	20.80	8,534	43	4,908	Nev.
94,166	57,695	13,456	3,430	335,788	269,930	30.71	18.22	267,831	12,000	69,158	Pac.
23,432	14,375	3,516	1,816	71,033	55,255	33.55	17.04	54,576	679	15,777	Wash.
15,508	9,726	2,128	1,614	35,352	21,991	21.62	20.23	19,758	2,233	13,361	Oreg.
56,226	33,599	7,815	—	232,402	192,384	31.49	15.35	183,297	9,088	40,017	Calif.
5,485	2,410	768	297	13,788	11,804	29.81	(4)	11,508	296	1,985	Hawaii.



No. 218.—REVENUES AND COST PAYMENTS OF GENERAL GOVERNMENT OF STATES: 1915 TO 1937

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

YEAR	REVENUES		COST PAYMENTS					Out-lays <sup>1</sup>
	Total	Per capita	Total	Operation, maintenance, and interest				
				Total	Per capita	Operation and maintenance	Interest <sup>1</sup>	
1915.....	455,517	\$4.63	402,760	397,576	\$4.04	379,030	18,546	95,193
1919.....	671,911	6.39	637,880	566,741	5.39	542,061	24,080	71,146
1925.....	1,475,146	13.10	1,606,164	1,103,140	9.79	1,035,478	67,662	503,024
1930.....	2,224,754	18.24	2,280,711	1,491,937	12.23	1,390,506	101,431	788,774
1932.....	2,140,896	17.27	2,446,433	1,661,996	13.41	1,552,075	109,921	784,437
1937.....	4,093,196	31.90	3,463,324	2,751,448	21.44	2,620,421	122,027	711,876

<sup>1</sup> Includes data for public-service enterprises prior to 1937.

Source: Department of Commerce, Bureau of the Census; annual report, Financial Statistics of States.

No. 219.—REVENUES, COST PAYMENTS, AND GROSS, FUNDED OR FIXED, AND NET DEBT OF STATE PUBLIC-SERVICE ENTERPRISES, BY STATES: 1937

NOTE.—In thousands of dollars. For statistics of general government, by States, see table 217

DIVISION AND STATE	REVENUES			COST PAYMENTS				DEBT <sup>1</sup>			
	Total	Alcoholic beverage monopoly system	All other	Total	Alcoholic beverage monopoly system		All other	Gross <sup>2</sup>	Fund-ed or fixed <sup>3</sup>	Net <sup>4</sup>	
					Total	Contri-bution to gen-eral fund					Other
Total 27 States.....	264,903	245,619	19,385	268,953	251,301	50,791	200,510	17,652	91,057	88,770	77,419
N. E.:											
Maine.....	5,730	5,568	162	4,340	4,259	81	4,259	81	648	648	618
N. H.....	3,839	3,839	—	3,839	3,839	—	3,004	—	—	—	—
Vt.....	1,769	1,769	—	1,769	1,769	—	1,517	—	—	—	—
Mass.....	1,057	—	1,057	886	—	—	—	886	11,109	11,109	3,807
R. I.....	120	—	120	112	—	—	—	112	1,222	1,222	989
Conn.....	92	—	92	92	—	—	—	92	—	—	—
Mid. Atl.:											
Pa.....	76,890	76,890	—	83,155	83,155	—	22,727	60,428	—	—	—
E. N. C.:											
Ohio.....	54,195	54,195	—	55,010	55,010	—	6,900	48,110	—	—	—
Ill.....	16	—	16	20	—	—	—	20	12	12	12
Mich.....	34,931	34,529	402	35,992	35,626	4,490	31,130	366	—	—	—
W. N. C.:											
Iowa.....	8,728	8,728	—	8,622	8,622	—	1,449	7,173	—	—	—
N. Dak.....	6,342	—	6,342	5,807	—	—	—	5,807	3,425	3,013	3,013
S. Dak.....	839	—	839	673	—	—	—	673	2,000	2,000	226
S. Atl.:											
Md.....	95	—	95	95	—	—	—	95	—	—	—
Va.....	16,555	16,555	—	16,431	16,431	—	4,890	12,041	—	—	—
W. Va.....	12,705	12,705	—	12,218	12,218	—	2,745	9,473	—	—	—
Ga.....	550	—	550	165	—	—	—	165	3,763	3,763	3,732
E. S. C.:											
Ala.....	3,828	2,650	1,178	3,210	2,252	397	1,856	958	9,575	9,575	9,575
W. S. C.:											
La.....	4,701	—	4,701	4,287	—	—	—	4,287	38,833	36,958	36,958
Tex.....	—	—	—	—	—	—	—	—	100	100	100
Mo.:											
Mont.....	7,577	6,895	682	8,929	7,195	1,470	5,725	1,734	1,267	1,267	1,266
Idaho.....	3,910	3,910	—	4,279	4,279	—	807	3,472	—	—	—
Wyo.....	1,985	1,985	—	1,985	1,985	—	342	1,643	—	—	—
Utah.....	4,024	4,024	—	3,912	3,912	—	530	3,382	—	—	—
Pacific:											
Wash.....	3,154	3,154	—	3,092	3,092	—	1,816	1,276	—	—	—
Oreg.....	3,114	3,114	—	7,656	7,656	—	1,614	6,042	—	—	—
Calif.....	3,147	—	3,147	2,316	—	—	—	2,316	19,103	19,103	17,064
Hawaii.....	980	—	980	888	—	—	—	888	11,214	11,214	11,214

<sup>1</sup> No debt reported for alcoholic beverage monopoly systems.

<sup>2</sup> Includes floating debt not shown separately.

<sup>3</sup> Comprises \$71,013,000 of debt incurred for ports, harbors, docks, wharves, piers, and terminals, and \$17,757,000 for all other purposes, such as subway, airport, canal, mill and elevator, cement plant, railroad, and for water conservation.

<sup>4</sup> Net debt is funded or fixed debt less sinking-fund assets.

Source of tables 218 and 219: Department of Commerce, Bureau of the Census; annual report, Financial Statistics of States.



No. 222.—TAX LEVIES—LEVIES OF GENERAL AND SELECTIVE PROPERTY TAXES,  
FOR STATE PURPOSES, BY STATES: 1917 TO 1937

STATE	LEVIES OF GENERAL AND SELECTIVE PROPERTY TAXES (THOUSANDS OF DOLLARS)					AMOUNT PER CAPITA (DOLLARS)				
	1917	1922	1927	1932	1937	1917	1922	1927	1932	1937
Total.....	188,289	364,248	368,789	840,141	238,410	1.83	3.27	3.13	2.74	1.84
Alabama.....	4,337	6,133	7,293	7,843	6,011	1.86	2.56	2.87	2.04	2.08
Arizona.....	1,971	3,773	4,460	5,830	1,879	7.59	10.45	9.87	13.22	4.69
Arkansas.....	3,406	5,033	5,845	4,827	3,738	1.95	2.81	2.79	2.59	1.74
California.....					10,723					1.76
Colorado.....	2,508	6,947	6,011	5,074	3,853	2.61	7.13	6.00	4.85	3.14
Connecticut.....	2,002	2,221	1,813	1,775	1,630	1.02	1.55	1.12	1.09	.94
Delaware.....		568	385				2.49	1.60		
Florida.....	1,982	4,477	5,927	2,539	1,232	2.22	4.37	4.42	1.67	.74
Georgia.....	4,771	5,958	6,378	6,079	3,181	1.67	2.01	2.01	1.95	1.03
Idaho.....	686	2,807	2,980	2,459	1,965	1.62	6.15	5.61	5.50	3.99
Illinois.....	20,017	18,002	27,271	28,349		3.20	2.70	3.76	3.66	
Indiana.....	8,262	14,100	11,933	5,992	5,994	2.94	4.73	3.80	1.83	1.73
Iowa.....	4,421	12,492	10,804	9,108	9,444	1.99	5.12	4.46	3.68	3.71
Kansas.....	3,875	5,901	9,502	7,255	5,407	2.10	3.31	5.21	3.83	2.89
Kentucky.....	6,466	8,615	10,621	9,786	5,311	2.71	3.53	4.16	3.71	1.83
Louisiana.....	4,170	8,276	9,918	9,580	7,699	2.28	4.51	5.13	4.51	3.61
Maine.....	2,568	3,982	4,880	5,858	4,950	3.32	5.15	6.17	7.32	5.79
Maryland.....	3,310	5,101	5,996	6,275	5,494	2.43	3.43	3.71	3.80	3.27
Massachusetts.....	8,000	12,000	12,000	7,600	12,250	2.15	3.02	2.83	1.75	2.77
Michigan.....	11,851	25,331	29,334	42,214	8,634	3.85	6.73	6.60	5.81	1.80
Minnesota.....	6,280	8,371	10,720	15,029	17,374	2.77	3.41	4.02	5.82	6.57
Mississippi.....	2,575	5,667	4,345	4,631	3,540	1.32	3.16	2.43	2.28	1.76
Missouri.....	3,425	6,023	6,458	5,480	5,730	1.00	1.75	1.84	1.50	1.44
Montana.....	1,523	2,182	1,946	2,254	2,149	3.32	3.69	3.55	4.19	4.00
Nebraska.....	3,076	7,426	5,850	6,198	3,776	2.42	5.62	4.21	4.47	2.72
Nevada.....	804	1,214	1,229	1,472	1,255	8.09	15.69	15.88	10.00	12.42
New Hampshire.....	1,299	2,901	3,037	2,998	2,651	2.91	6.51	6.69	6.43	5.21
New Jersey.....	12,118	25,172	36,545	37,802	27,804	4.13	7.67	9.84	9.03	6.41
New Mexico.....	1,260	1,586	2,624	2,186	1,727	3.07	4.30	6.73	5.08	4.00
New York.....	1,074	21,254	22,723	2,601	2,160	1.10	2.00	2.00	.20	.17
North Carolina.....	2,461			4,507	1,451	1.02			1.39	.42
North Dakota.....	1,418	4,762	3,843	3,328	2,109	1.88	7.20	5.99	4.87	2.99
Ohio.....	3,462	15,870	11,471		6,182	.67	2.66	1.72		.92
Oklahoma.....	2,498	844	849	6,151		1.11	.40	.36	2.53	
Oregon.....	2,550	8,836	5,287	4,593		1,032	3.08	10.92	5.96	4.76
Pennsylvania.....					14,990					1.48
Rhode Island.....	870	1,256	1,559	1,209		1.41	2.02	2.22	1.74	
South Carolina.....	2,033	3,270	2,895	2,698	2,747	1.25	1.89	1.57	1.55	1.47
South Dakota.....	1,308	3,685	4,808	4,865	51	1.85	5.69	6.94	6.99	.07
Tennessee.....	2,383	6,231	3,442	1,331	1,180	1.04	2.63	1.39	.50	.41
Texas.....	12,374	25,354	26,164	27,344	20,135	2.81	5.24	4.87	4.60	3.27
Utah.....	2,425	4,495	5,245	5,124	3,180	5.60	9.60	10.13	9.97	6.14
Vermont.....	1,068	2,036	1,017	1,267	421	2.93	5.78	2.88	3.52	1.10
Virginia.....	3,084	6,634	5,378	4,730	3,736	1.41	2.80	(1)	1.94	1.39
Washington.....	7,603	16,897	13,792	12,008	3,651	5.01	12.01	8.81	7.59	2.22
West Virginia.....	1,230	3,103	2,982	3,568	1,310	.88	2.05	1.77	2.03	.71
Wisconsin.....	10,518	15,773	7,451	7,811	6,602	4.18	5.86	(1)	(1)	2.26
Wyoming.....	910	1,124	1,971	1,612	570	5.11	5.47	8.21	7.04	2.43

1 Not computed.

Source: Department of Commerce, Bureau of the Census; 1917 to 1927, and 1937, annual report, Financial Statistics of States, and special releases; 1932, official records.

No. 223.—TAX LEVIES—TOTAL LEVIES OF GENERAL PROPERTY TAXES OF STATE AND LOCAL GOVERNMENTS, BY STATES: 1880 TO 1932

Note.—The data represent the total levies of general property taxes of States, counties, cities, villages' towns, boroughs, townships, school districts, etc., and for all purposes. They do not cover "special assessments" on property benefited by specific improvements nor special property taxes applying only to limited classes, nor taxes based on other standards than property, such as income, volume of business, inheritance, etc., which have been steadily growing in relative importance. The change in buying power of money affects materially the comparability of the figures. For data for 1860, 1870, and 1890, by States, see table 437, Statistical Abstract of 1922

DIVISION AND STATE	LEVIES OF GENERAL PROPERTY TAXES (THOUSANDS OF DOLLARS)					AMOUNT PER CAPITA (DOLLARS)				
	1880	1902	1912	1922	1932	1880	1902	1912	1922	1932
<b>Grand total.....</b>	<b>318,921</b>	<b>724,737</b>	<b>1,349,841</b>	<b>8,608,725</b>	<b>5,026,763</b>	<b>6.28</b>	<b>9.22</b>	<b>13.91</b>	<b>32.23</b>	<b>40.37</b>
<b>New England.....</b>	<b>42,492</b>	<b>76,806</b>	<b>127,232</b>	<b>270,516</b>	<b>399,504</b>	<b>10.60</b>	<b>13.29</b>	<b>18.53</b>	<b>35.59</b>	<b>45.46</b>
Maine.....	5,182	6,856	8,927	22,295	31,808	7.99	9.78	11.86	28.83	36.13
New Hampshire.....	3,179	4,166	6,978	15,029	20,320	9.16	9.95	15.98	33.71	43.42
Vermont.....	1,745	1,911	4,020	9,188	12,101	5.25	5.52	11.17	26.07	33.61
Massachusetts.....	24,327	49,219	82,556	156,285	231,212	13.64	17.06	23.27	39.93	53.90
Rhode Island.....	2,693	6,133	8,192	19,925	28,953	9.74	13.65	14.13	32.12	41.60
Connecticut.....	5,366	8,021	16,489	47,794	75,610	8.62	8.53	13.95	33.30	46.39
<b>Middle Atlantic.....</b>	<b>94,180</b>	<b>211,836</b>	<b>364,266</b>	<b>840,028</b>	<b>1,464,289</b>	<b>8.97</b>	<b>13.17</b>	<b>17.71</b>	<b>36.66</b>	<b>54.91</b>
New York.....	56,393	132,711	221,487	454,878	824,022	11.09	17.49	22.80	42.72	64.32
New Jersey.....	8,958	20,956	49,424	145,355	269,695	7.92	10.84	17.98	44.27	65.25
Pennsylvania.....	28,779	58,269	93,376	239,795	370,672	6.72	8.95	11.52	26.70	38.12
<b>East North Central.....</b>	<b>78,503</b>	<b>172,421</b>	<b>292,021</b>	<b>669,682</b>	<b>1,220,670</b>	<b>7.00</b>	<b>10.47</b>	<b>15.39</b>	<b>29.27</b>	<b>47.52</b>
Ohio.....	25,767	47,460	76,697	224,423	302,361	8.05	11.15	15.45	37.63	45.42
Indiana.....	11,943	27,068	45,644	117,138	138,841	6.04	10.84	16.63	39.26	42.31
Illinois.....	24,586	53,013	84,834	250,380	391,159	7.99	10.56	14.37	37.60	50.49
Michigan.....	8,628	23,477	47,993	163,797	266,718	5.27	9.48	16.34	43.90	53.75
Wisconsin.....	7,588	20,503	36,848	108,944	121,691	5.77	9.61	15.23	40.45	49.94
<b>West North Central.....</b>	<b>35,490</b>	<b>95,010</b>	<b>180,440</b>	<b>490,829</b>	<b>511,688</b>	<b>5.78</b>	<b>8.00</b>	<b>15.06</b>	<b>38.52</b>	<b>38.25</b>
Minnesota.....	4,346	17,761	38,108	107,826	120,846	5.57	9.05	17.47	43.78	46.61
Iowa.....	11,062	22,603	36,870	105,842	101,197	6.81	10.17	16.46	43.36	40.84
Missouri.....	11,832	21,785	35,491	91,445	103,234	5.46	6.82	10.58	26.64	28.27
North Dakota.....	1,478	4,186	11,875	31,167	27,331	3.54	11.44	17.97	47.13	40.84
South Dakota.....	4,329	10,720	32,488	29,876	29,876	10.69	16.67	50.18	42.88	42.88
Nebraska.....	2,792	9,499	19,781	53,236	45,522	6.17	8.89	16.04	40.26	36.01
Kansas.....	4,980	14,247	27,895	69,331	80,362	5.00	10.14	16.58	38.83	42.47
<b>South Atlantic.....</b>	<b>21,553</b>	<b>46,365</b>	<b>91,136</b>	<b>265,316</b>	<b>359,097</b>	<b>2.84</b>	<b>4.31</b>	<b>7.15</b>	<b>17.73</b>	<b>23.49</b>
Delaware.....	604	1,817	1,791	4,841	5,915	4.12	7.00	8.61	21.20	24.65
Maryland.....	5,437	10,698	16,360	40,266	55,158	5.82	8.79	12.30	26.95	33.43
Dist. of Col.....	1,469	3,351	5,399	12,960	25,254	8.27	11.62	15.51	28.26	51.33
Virginia.....	4,694	6,896	13,822	33,878	48,388	3.10	3.64	6.49	14.32	17.83
West Virginia.....	1,094	5,607	10,026	38,435	50,657	3.22	5.52	7.07	25.39	28.85
North Carolina.....	1,916	3,975	9,989	37,017	47,711	1.37	2.04	4.33	13.98	14.76
South Carolina.....	1,840	3,776	6,899	20,886	27,379	1.85	2.73	4.39	12.09	15.70
Georgia.....	3,014	8,204	18,414	35,673	45,540	1.95	3.58	6.73	12.01	15.05
Florida.....	585	2,681	8,436	32,194	58,097	2.17	4.79	10.22	31.44	38.25
<b>East South Central.....</b>	<b>11,998</b>	<b>27,187</b>	<b>51,663</b>	<b>125,781</b>	<b>160,478</b>	<b>2.15</b>	<b>3.50</b>	<b>5.95</b>	<b>13.98</b>	<b>18.07</b>
Kentucky.....	5,201	10,462	17,669	37,322	51,063	3.15	4.74	7.56	15.28	19.35
Tennessee.....	2,516	7,626	14,112	35,127	43,989	1.63	3.68	6.31	14.83	16.63
Alabama.....	2,062	4,899	9,971	22,684	32,790	1.63	2.69	4.48	9.46	12.25
Mississippi.....	2,217	4,180	9,911	30,648	32,696	1.96	2.61	5.28	17.12	16.06
<b>West South Central.....</b>	<b>10,794</b>	<b>29,965</b>	<b>77,723</b>	<b>222,351</b>	<b>320,026</b>	<b>3.24</b>	<b>4.35</b>	<b>8.17</b>	<b>21.05</b>	<b>25.87</b>
Arkansas.....	1,839	4,446	10,621	17,476	20,382	2.29	3.30	6.40	9.77	10.93
Louisiana.....	4,386	8,878	14,432	41,562	55,053	4.67	5.91	8.27	22.65	25.82
Oklahoma.....	3,477	10,705	54,079	68,944	68,944	3.97	7.77	10.16	25.69	28.34
Texas.....	4,569	13,684	32,965	109,234	175,649	2.87	4.26	7.90	22.60	29.56
<b>Mountain.....</b>	<b>4,717</b>	<b>24,812</b>	<b>54,327</b>	<b>144,466</b>	<b>160,390</b>	<b>7.93</b>	<b>13.76</b>	<b>18.45</b>	<b>41.23</b>	<b>49.99</b>
Montana.....	384	4,092	11,245	26,008	25,317	9.80	15.83	28.83	43.94	48.95
Idaho.....	187	1,895	6,952	18,569	19,109	5.73	11.11	18.35	40.85	42.55
Wyoming.....	230	1,074	2,610	8,385	10,938	11.07	11.16	15.98	40.68	47.76
Colorado.....	2,152	10,741	16,931	44,588	44,887	11.07	19.34	18.17	45.75	42.91
New Mexico.....	164	1,410	3,426	8,805	11,908	1.37	7.15	9.28	23.80	27.69
Arizona.....	293	1,635	4,359	15,352	21,807	7.25	12.59	18.68	42.54	48.90
Utah.....	435	2,848	6,529	17,711	19,676	3.02	9.81	16.13	37.32	38.28
Nevada.....	872	6,117	2,276	5,068	6,178	14.00	14.57	24.02	65.47	67.15
<b>Pacific.....</b>	<b>14,247</b>	<b>41,335</b>	<b>111,033</b>	<b>284,756</b>	<b>430,311</b>	<b>13.78</b>	<b>18.42</b>	<b>23.28</b>	<b>48.81</b>	<b>60.86</b>
Washington.....	505	9,003	31,205	66,288	73,131	6.73	16.43	23.21	47.13	46.17
Oregon.....	1,114	4,920	17,139	40,090	41,488	6.37	11.43	22.64	49.55	42.73
California.....	12,628	27,312	62,689	178,383	315,692	14.60	17.81	23.50	48.97	53.45

<sup>1</sup> Dakota Territory.

<sup>2</sup> Oklahoma and Indian Territory combined.

Source: Department of Commerce, Bureau of the Census; 1880 to 1922, Decennial Census reports, Wealth, Debt, and Taxation; 1932, Financial Statistics of State and Local Governments.

## No. 224.—STATE TAX COLLECTIONS, BY TYPE OF TAX, BY STATES: 1939

[In thousands of dollars]

STATE	Total <sup>1</sup>	Prop-erty taxes	Inher-itage and estate taxes	Income taxes	SALES TAXES				Busi-ness-license taxes	Motor-vehicle licenses	Unem-ployment com-pensa-tion taxes <sup>2</sup>
					Motor vehicle fuel	Gen-eral sales and use	Alco-holic beverages	Other			
<b>Total</b> .....	<b>3,860,786</b>	<b>269,218</b>	<b>133,026</b>	<b>329,364</b>	<b>800,881</b>	<b>442,336</b>	<b>173,519</b>	<b>69,302</b>	<b>403,576</b>	<b>363,310</b>	<b>798,993</b>
<b>New England:</b>											
Maine.....	23,173	5,112	578	.....	5,308	.....	1,084	95	2,899	3,658	3,934
N. Hampshire.....	13,170	2,858	746	690	3,518	.....	528	.....	1,754	343	2,733
Vermont.....	11,164	496	317	715	2,565	.....	542	348	1,803	2,468	1,502
Massachusetts.....	142,565	18,000	11,082	19,405	20,455	.....	5,345	1,165	22,260	7,040	37,807
Rhode Island.....	22,071	6	1,323	.....	4,213	.....	1,023	173	4,744	2,896	7,690
Connecticut.....	54,187	4,439	3,793	2,936	9,721	.....	2,933	2,572	6,441	5,709	15,643
<b>Middle Atlantic:</b>											
New York.....	535,430	2	35,450	148,800	67,235	8	26,740	1,271	67,516	46,944	119,143
New Jersey.....	160,840	35,477	6,916	.....	24,709	.....	8,634	50	20,568	20,510	43,970
Pennsylvania.....	297,631	20,163	21,077	16,533	40,119	4	14,207	11,159	53,907	35,091	75,796
<b>E. N. Central:</b>											
Ohio.....	252,742	6,524	5,446	.....	51,066	46,105	25,466	7,813	27,979	29,899	55,444
Indiana.....	90,068	7,213	1,071	.....	23,085	19,982	4,249	.....	5,120	8,998	19,610
Illinois.....	252,690	553	5,636	.....	41,024	81,517	9,483	.....	24,382	23,955	66,140
Michigan.....	169,346	10,895	4,964	.....	28,511	51,488	4,387	.....	11,147	20,669	36,543
Wisconsin.....	91,320	14,065	3,655	14,729	19,864	.....	5,513	.....	4,877	13,183	15,401
<b>W. N. Central:</b>											
Minnesota.....	83,489	12,345	1,980	10,295	19,380	.....	4,813	.....	9,113	9,180	14,116
Iowa.....	70,449	6,673	1,516	4,261	16,129	15,858	1,186	1,892	3,101	11,766	8,577
Missouri.....	88,756	5,814	1,639	6,181	12,764	22,332	4,256	.....	6,989	10,214	9,067
North Dakota.....	10,866	767	32	419	2,542	2,751	900	499	340	1,510	1,106
South Dakota.....	17,243	2,255	41	555	5,082	3,810	1,341	621	432	845	1,143
Nebraska.....	26,747	5,382	463	.....	11,035	.....	1,508	.....	880	2,528	3,985
Kansas.....	41,973	4,852	500	2,232	10,096	9,728	503	1,275	2,961	4,016	5,695
<b>South Atlantic:</b>											
Delaware.....	11,643	.....	258	1,097	2,095	.....	554	.....	4,221	1,180	2,238
Maryland.....	44,890	6,583	2,005	874	10,373	.....	2,507	289	4,847	5,125	11,862
Virginia.....	54,288	2,584	830	4,238	17,218	.....	1,449	.....	9,958	6,721	9,897
West Virginia.....	51,307	1,202	700	1,311	9,520	20,630	(5)	.....	3,243	4,904	9,466
North Carolina.....	78,802	1,949	881	9,716	25,010	10,998	1,774	648	9,176	7,967	10,683
South Carolina.....	35,963	1,071	191	2,741	11,770	.....	2,435	4,196	3,199	5,066	4,420
Georgia.....	49,470	4,699	236	4,084	20,557	.....	1,870	2,502	3,932	2,178	8,454
Florida.....	55,327	2,113	1,635	.....	23,409	.....	3,591	.....	11,311	6,666	6,034
<b>E. S. Central:</b>											
Kentucky.....	52,134	6,263	1,867	3,460	13,149	.....	5,089	3,504	4,097	3,352	10,931
Tennessee.....	47,323	1,230	1,438	3,203	18,805	.....	785	2,621	6,412	4,348	8,481
Alabama.....	48,898	5,387	193	1,911	14,358	5,890	370	3,184	5,462	3,459	8,135
Mississippi.....	29,532	2,053	100	1,710	11,095	6,065	823	2,592	2,584	268	2,142
<b>W. S. Central:</b>											
Arkansas.....	31,433	3,444	174	651	10,321	4,988	1,509	1,427	1,600	3,120	3,298
Louisiana.....	78,780	7,710	630	5,508	18,027	5,489	2,579	6,240	7,712	6,116	9,550
Oklahoma.....	61,174	1,100	565	7,144	14,414	10,706	692	3,120	3,717	5,565	5,615
Texas.....	130,699	14,964	604	.....	44,217	.....	5,682	6,903	7,645	8,317	22,709
<b>Mountain:</b>											
Montana.....	14,483	1,864	233	838	4,508	.....	680	12	1,406	1,545	2,675
Idaho.....	12,986	1,503	108	1,410	4,892	.....	226	162	1,074	1,378	2,001
Wyoming.....	8,579	703	43	.....	2,570	1,870	324	.....	398	900	1,427
Colorado.....	36,502	5,047	944	1,493	8,851	7,191	2,153	183	3,483	2,171	4,951
New Mexico.....	15,799	1,994	51	555	4,571	3,454	787	.....	558	1,813	1,417
Arizona.....	16,536	2,936	406	1,344	2,994	3,508	672	613	3,621	1,002	2,139
Utah.....	17,735	3,428	336	1,639	3,644	3,613	113	341	512	1,156	2,625
Nevada.....	4,550	1,375	.....	.....	1,320	.....	180	.....	220	483	936
<b>Pacific:</b>											
Washington.....	63,387	4,054	2,018	.....	15,514	16,381	2,031	1,866	6,699	4,404	10,558
Oregon.....	29,547	.....	498	4,874	11,652	.....	590	.....	2,432	3,155	6,437
California.....	313,119	11,188	8,372	40,902	47,613	87,910	9,854	.....	18,582	13,239	75,367

<sup>1</sup> Totals include items not shown separately and not included elsewhere.<sup>2</sup> Amounts deposited with the Federal Treasury in State clearing accounts during the fiscal year, as reported by State agencies to the Social Security Board and published monthly in the Social Security Bulletin.<sup>3</sup> Data are for calendar year 1938.<sup>4</sup> Data are for fiscal year ended Dec. 15, 1938.<sup>5</sup> Barrel tax on beer included with business-license taxes.<sup>6</sup> Amounts levied. Actual collections not available.

Source: Department of Commerce, Bureau of the Census; State and Local Government Special Study No. 7, "State Tax Collections Fiscal Year 1939-39."

No. 225.—BOND ISSUES—STATE PROPOSALS VOTED ON IN GENERAL ELECTIONS,  
BY TYPE OF GOVERNMENTAL UNIT AFFECTED: 1938 AND 1939

GOVERNMENTAL UNIT AFFECTED	TOTAL		APPROVED		DEFEATED	
	1938	1939	1938	1939	1938	1939
Total.....	43	6	32	3	11	3
State.....	11	6	2	3	9	3
State-wide local units.....	8	—	7	—	1	—
Specifically named local units.....	24	—	23	—	1	—

Source: Department of Commerce, Bureau of the Census; special releases.

No. 226.—EMPLOYEES OF STATE GOVERNMENTS—NUMBER, JANUARY 1940, AND  
AMOUNT OF PAY ROLLS, JANUARY 1940 AND YEAR 1939, BY STATES

NOTE.—Figures in this table cover State employees, and, except as noted, include employees in State-operated public-service enterprises but exclude those of contractors and schools (except administrative employees of Departments of Education) and persons on work-relief. The data include full-time and part-time permanent employees and temporary employees. A blank space indicates figures were not reported

DIVISION AND STATE	Number of employees January 1940 <sup>1</sup>	AMOUNT OF PAY ROLL (THOUSANDS OF DOLLARS)		DIVISION AND STATE	Number of employees January 1940 <sup>1</sup>	AMOUNT OF PAY ROLL (THOUSANDS OF DOLLARS)	
		Jan. 1940 <sup>2</sup>	1939 <sup>3</sup>			Jan. 1940 <sup>2</sup>	1939 <sup>3</sup>
<b>New England:</b>				<b>South Atlantic—Con.</b>			
Maine.....				West Virginia.....	7,922	788.0	
New Hampshire.....	5,172	985.8	5,214.3	North Carolina <sup>4</sup> .....	12,511		12,948.6
Vermont.....	1,733	184.5	4,978.1	South Carolina.....			
Massachusetts.....				Georgia <sup>4</sup> .....	7,291		9,450.0
Rhode Island.....				Florida.....	7,846	839.3	
Connecticut.....	11,587	1,987.8	16,653.1	<b>East South Central:</b>			
<b>Middle Atlantic:</b>				Kentucky.....	8,075	844.0	10,500.0
New York.....	50,424		87,805.4	Tennessee.....	9,403	675.5	7,875.7
New Jersey <sup>4</sup> .....	14,405		23,964.3	Alabama <sup>5</sup> .....	5,720	648.8	
Pennsylvania.....				Mississippi.....			
<b>East North Central:</b>				<b>West South Central:</b>			
Ohio.....	22,309	2,265.7		Arkansas.....			
Indiana.....				Louisiana.....			
Illinois <sup>6</sup> .....	21,254			Oklahoma.....	7,991	862.8	10,854.1
Michigan.....	17,922	2,108.6		Texas.....	17,799	1,958.1	25,610.6
Wisconsin.....	11,049	1,527.8		<b>Mountain:</b>			
<b>West North Central:</b>				Montana.....	2,169	308.3	4,338.7
Minnesota.....	12,448	1,469.8		Idaho.....	3,186		3,791.9
Iowa <sup>6</sup> .....	7,960	793.5		Wyoming.....			
Missouri.....	13,011	1,169.1	13,610.6	Colorado.....			
North Dakota.....	3,465			New Mexico.....			
South Dakota.....	3,040	269.7	3,236.5	Arizona.....		441.5	5,298.9
Nebraska.....				Utah.....	2,928		3,701.5
Kansas <sup>4</sup> .....	6,379	654.0	8,003.9	Nevada <sup>4</sup> .....	1,126	147.7	
<b>South Atlantic:</b>				<b>Pacific:</b>			
Delaware.....	2,131	217.1	2,983.4	Washington.....	8,361	934.3	
Maryland <sup>7</sup> .....	9,452		8,000.0	Oregon <sup>10</sup> .....	6,749		8,428.9
Virginia.....	16,883	1,295.8	18,059.3	California.....	32,818	4,531.0	53,816.0

<sup>1</sup> Pay period ended nearest January 31. In some cases data are for December 1939, or some other month in 1939.

<sup>2</sup> In some cases data are for December 1939 or some other month in 1939.

<sup>3</sup> Calendar year or fiscal year ended in 1939, except as noted.

<sup>4</sup> Data, if any, for public-service enterprises not reported.

<sup>5</sup> Covers only employees subject to Illinois Civil Service Act.

<sup>6</sup> Excludes employees and pay rolls of Department of Education.

<sup>7</sup> Excludes general executive, legislative, and judicial employees and pay rolls.

<sup>8</sup> Data are for fiscal year ended June 30, 1940.

<sup>9</sup> Excludes employees and pay rolls of legislature and of State institutions for the handicapped.

<sup>10</sup> Excludes employees and pay rolls of Department of Public Welfare and of Department of Higher Education.

Source: Department of Commerce, Bureau of the Census; State and Local Government Quarterly Employment Survey, Vol. 1, No. 2.

No. 227.—EMPLOYEES OF STATE AND LOCAL GOVERNMENTS—NUMBER, JANUARY 1940, AND AMOUNT OF PAY ROLL, JANUARY 1940 AND YEAR 1939

NOTE.—Figures in this table are estimates. The two limits shown indicate the approximate range within which it is believed the true figures lie. Data for school employees are excluded

TYPE AND SIZE OF GOVERNMENTAL UNIT	Number of employees, end of January 1940 (thousands)	AMOUNT OF PAY ROLL (MILLIONS OF DOLLARS)	
		January 1940	Calendar year 1939
States.....	535-545	57-58	675-685
Cities, incorporated places, and New England towns:			
Over 100,000 population.....	465-475	65-66	800-810
2,500 to 100,000 population.....	280-290	26-28	325-335
Under 2,500 population.....	170-200	4-5	55-60
Counties.....	300-315	28-30	345-355
Towns, townships, and other civil divisions.....	200-300	5-10	60-100

<sup>1</sup> More than three-fourths of these employees are part-time and temporary.

Sources: Department of Commerce, Bureau of the Census; State and Local Government Quarterly Employment Survey, Vol. 1, No. 1.

No. 228.—EMPLOYEES OF STATE AND LOCAL GOVERNMENTS—PERCENT DISTRIBUTION, BY GOVERNMENTAL FUNCTIONS: JANUARY 1940

NOTE.—Distribution is shown as percent of total. Data for school employees are excluded

GOVERNMENTAL FUNCTION	TYPE AND SIZE OF GOVERNMENTAL UNIT			
	States	Cities, towns, and incorporated places		Counties
		Over 100,000 population	Under 100,000 population	
General executive, legislative, and judicial.....	8	12	11	33
Police, fire, and other protection.....	6	28	31	5
Highways, sanitation, and waste removal.....	33	17	23	23
Health, hospitals, and charities.....	25	19	7	31
Correction, libraries, recreation and other.....	23	11	13	8
Public service enterprises.....	5	13	15	-----

Source: Department of Commerce, Bureau of the Census; State and Local Government Quarterly Employment Survey, Vol. 1, No. 1.

No. 229.—NET DEBT OF STATE AND LOCAL GOVERNMENTS: 1902 TO 1937

NOTE.—Net debt is gross debt less sinking-fund assets of States, counties, cities, towns, villages, boroughs, townships, school districts, and all other civil divisions combined

DIVISION AND STATE	TOTAL (THOUSANDS OF DOLLARS)					PER CAPITA (DOLLARS)				
	1902	1912	1922	1932 <sup>1</sup>	1937	1902	1912	1922	1932 <sup>1</sup>	1937
Grand total.....	1,865,078	3,821,897	3,689,740	2,17,698,176	2,17,594,532	23.73	39.37	79.92	142.74	136.12
<b>New England</b> .....	301,478	390,960	550,708	831,097	998,928	62.52	68.96	72.48	100.81	115.96
Maine.....	15,047	22,798	42,467	64,529	67,913	21.40	30.08	54.90	80.66	79.34
New Hampshire.....	11,418	11,300	16,123	31,735	38,037	27.27	25.87	36.16	67.81	74.59
Vermont.....	5,217	6,981	11,904	27,180	24,965	15.08	10.39	34.03	75.50	65.18
Massachusetts.....	209,763	267,129	326,942	436,600	576,982	72.72	75.28	83.04	101.77	130.30
Rhode Island.....	28,150	30,716	49,239	110,353	121,486	62.67	52.99	79.38	168.55	178.39
Connecticut.....	31,888	52,036	100,964	160,700	167,545	33.89	44.03	70.33	93.97	96.23
<b>Middle Atlantic</b> .....	645,897	1,548,580	2,618,431	5,842,169	6,247,302	40.16	75.28	114.19	219.07	227.36
New York.....	437,372	1,132,432	1,683,820	3,477,233	3,880,110	57.64	116.59	168.15	271.40	300.11
New Jersey.....	81,204	170,160	382,172	1,151,231	1,148,737	40.85	61.89	110.40	278.61	264.50
Pennsylvania.....	127,311	245,979	550,439	1,213,705	1,200,455	19.55	30.34	61.28	124.82	118.85
<b>East North Central</b> .....	239,960	546,615	1,652,555	3,352,156	2,843,727	17.61	38.79	74.62	130.51	110.06
Ohio.....	117,230	239,667	669,443	875,037	731,248	27.55	48.27	112.25	120.89	108.61
Indiana.....	34,828	67,404	152,792	199,034	154,148	13.49	24.41	51.21	60.87	44.37
Illinois.....	80,715	139,480	364,019	1,290,544	1,145,069	16.08	23.62	54.06	166.59	145.36
Michigan.....	32,839	59,907	361,773	782,300	654,093	14.07	20.43	94.09	167.66	135.42
Wisconsin.....	24,349	40,067	104,523	205,235	159,160	10.48	16.56	38.81	69.10	54.40
<b>West North Central</b> .....	178,902	282,971	851,543	1,336,613	1,224,796	16.91	23.62	68.83	99.99	88.63
Minnesota.....	40,684	70,364	269,008	342,303	327,621	22.07	32.26	109.99	132.61	123.54
Iowa.....	17,440	35,426	151,614	241,091	204,502	7.84	15.94	62.11	97.66	80.13
Missouri.....	50,307	61,622	118,270	334,295	307,419	15.70	18.37	34.46	91.53	92.11
North Dakota.....	5,008	13,261	40,263	107,514	146,515	15.31	20.07	60.89	98.70	65.89
South Dakota.....	6,584	12,685	50,554	183,840	173,909	15.66	19.72	78.09	119.94	106.80
Nebraska.....	22,415	30,745	97,755	110,500	97,182	21.01	20.80	73.93	79.73	71.25
Kansas.....	35,774	52,868	123,470	156,104	107,648	24.42	31.86	60.16	82.51	57.76
<b>South Atlantic</b> .....	159,208	255,195	743,218	1,947,645	1,698,877	14.79	20.02	51.61	121.99	98.43
Delaware.....	4,145	6,860	22,451	29,088	23,178	22.04	32.98	98.32	121.20	88.80
Maryland.....	30,643	59,546	120,954	261,168	260,178	25.18	44.70	81.43	158.25	164.96
Dist. of Columbia.....	14,540	9,091	150	—	3,055	50.42	26.03	—	—	4.87
Virginia.....	47,481	61,930	119,115	181,242	156,287	25.07	29.09	50.33	74.40	57.76
West Virginia.....	4,768	11,195	70,512	151,594	132,804	4.78	8.57	46.88	86.33	71.26
North Carolina.....	15,348	34,344	182,711	532,747	477,101	7.88	14.88	69.03	164.84	136.63
South Carolina.....	15,751	21,287	65,010	171,699	125,566	11.43	13.54	37.64	98.45	67.02
Georgia.....	21,286	32,548	64,038	106,985	83,032	9.29	11.89	21.66	36.70	26.91
Florida.....	5,247	18,424	98,269	513,022	437,406	9.36	22.72	95.96	337.74	261.97
<b>East South Central</b> .....	91,055	160,890	370,553	827,098	795,744	11.64	18.11	41.17	82.80	74.15
Kentucky.....	22,842	30,031	50,519	113,418	118,094	10.36	12.85	20.68	43.04	40.44
Tennessee.....	32,717	59,098	133,337	323,400	316,725	15.70	26.41	50.27	122.30	109.48
Alabama.....	27,092	43,063	75,198	210,822	199,533	14.32	19.24	31.37	78.75	68.92
Mississippi.....	8,404	28,628	111,409	179,362	161,392	5.24	15.25	62.27	88.27	79.78
<b>West South Central</b> .....	83,002	237,435	704,548	1,568,755	1,423,873	12.05	24.85	66.70	125.98	110.38
Arkansas.....	4,226	13,813	91,280	265,869	259,414	3.13	8.32	51.93	137.20	126.67
Louisiana.....	37,777	75,007	126,946	360,411	344,746	26.34	42.97	69.18	169.05	161.70
Oklahoma.....	6,549	60,721	129,977	194,084	133,571	5.07	31.02	61.76	79.77	52.42
Texas.....	36,450	87,894	356,343	748,301	686,142	11.35	21.07	73.71	125.93	111.17
<b>Mountain</b> .....	56,766	112,770	372,776	487,047	484,956	32.16	38.29	106.39	130.21	127.89
Montana.....	8,021	18,146	65,229	71,299	70,226	33.87	43.29	110.20	132.57	130.36
Idaho.....	3,884	14,181	62,193	78,450	71,292	22.02	37.30	136.24	175.90	144.48
Wyoming.....	2,560	4,324	19,128	43,009	38,969	26.00	26.48	93.02	187.81	165.80
Colorado.....	22,067	39,647	99,198	129,505	146,240	39.06	44.89	101.78	123.81	136.55
New Mexico.....	4,580	7,602	25,010	36,043	49,883	22.64	20.70	124.61	62.86	95.11
Arizona.....	6,592	10,380	44,973	71,777	55,019	60.75	45.01	124.61	160.93	135.73
Utah.....	0,613	15,288	50,041	46,149	40,595	22.81	37.77	106.85	89.78	78.22
Nevada.....	1,564	3,183	7,004	9,045	11,896	27.07	33.60	60.49	108.10	117.78
<b>Pacific</b> .....	58,757	286,551	827,411	1,515,696	1,878,330	23.30	60.08	141.23	179.14	212.60
Washington.....	29,557	95,971	160,063	217,431	231,181	53.71	71.37	120.21	137.27	139.43
Oregon.....	11,302	43,828	138,094	188,849	168,265	26.11	57.90	170.69	204.79	163.84
California.....	17,898	146,752	529,254	1,099,416	1,478,884	11.60	55.01	142.81	186.15	240.31

<sup>1</sup> Data included for State debt for 18 States are for fiscal year 1931.

<sup>2</sup> Farm-mortgage and other rural-credit assets amounting to \$121,387,000, resulting from rural-credit loans, held by the State sinking funds of Minnesota, North Dakota, and South Dakota, were not deducted from gross debt. The sinking funds for these States include farm mortgages and other rural-credit assets as follows: Minnesota, \$67,281,000; North Dakota, \$31,303,000; South Dakota, \$32,753,000.

<sup>3</sup> Farm-mortgage and other rural-credit assets were not deducted from gross debt for Minnesota, North Dakota, and South Dakota.

<sup>4</sup> Indebtedness of local governments. Sinking-fund assets of State governments exceeded the gross debt.

<sup>5</sup> No State indebtedness reported; the Virginia-West Virginia debt settlement was not made until 1919.

<sup>6</sup> Includes \$853,000 indebtedness of local governments in Indian Territory reported separately in 1902.

Sources: Department of Commerce, Bureau of the Census; 1902 to 1922, Decennial Census reports, Wealth, Debt, and Taxation; 1932, Financial Statistics of State and Local Governments, 1937, Treasury Department, Division of Research and Statistics; Securities Exempt from the Federal Income Tax.



No. 230.—GROSS DEBT OF GENERAL GOVERNMENT OF STATES, BY CLASSES,  
BY STATES: 1932 AND 1937

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

DIVISION AND STATE	GROSS DEBT AT CLOSE OF YEAR <sup>1</sup>							
	1932				1937			
	Total		Funded or fixed	All other <sup>2</sup>	Total		Funded or fixed	All other <sup>3</sup>
	Amount	Per capita			Amount	Per capita		
Total, 48 States.....	2,907,495	\$23.45	2,379,815	527,679	3,275,677	\$25.53	3,023,103	252,573
New England.....	200,587	24.37	107,304	93,284	228,668	26.62	113,625	115,043
Maine.....	27,462	34.33	27,252	211	30,050	35.15	30,050	-----
New Hampshire.....	7,016	15.06	6,510	500	14,305	28.10	14,134	171
Vermont.....	9,545	26.51	8,630	915	7,923	20.74	7,923	-----
Massachusetts.....	121,067	28.30	20,626	91,441	138,463	31.28	28,493	109,970
Rhode Island.....	21,930	31.51	21,930	-----	33,018	48.48	33,018	-----
Connecticut.....	13,568	8.32	13,351	217	4,903	2.82	1	4,902
Middle Atlantic.....	809,400	30.36	673,927	135,473	1,039,297	37.88	977,033	62,264
New York.....	579,864	45.26	444,846	135,018	726,024	56.07	663,700	62,324
New Jersey.....	141,230	34.18	141,216	14	178,788	41.23	178,758	-----
Pennsylvania.....	88,306	9.09	87,866	441	134,515	13.25	134,515	-----
East North Central.....	390,811	12.87	291,564	99,248	305,689	11.85	305,349	340
Ohio.....	7,887	1.17	6,311	1,576	10,602	1.57	10,602	-----
Indiana.....	4,963	1.52	3,162	1,802	4,645	1.34	4,645	-----
Illinois.....	222,737	28.75	190,961	31,776	205,344	26.12	205,004	340
Michigan.....	94,040	18.95	89,946	4,094	83,915	17.45	83,915	-----
Wisconsin.....	1,184	.40	1,184	-----	1,184	.41	1,184	-----
West North Central.....	342,079	25.59	328,897	15,181	347,806	25.17	340,436	7,371
Minnesota.....	98,162	38.02	94,951	3,211	125,803	47.58	119,799	6,005
Iowa.....	17,636	7.08	12,732	4,904	7,003	2.75	6,953	50
Missouri.....	105,162	28.84	104,854	308	121,295	30.41	121,295	-----
North Dakota.....	45,449	66.45	41,348	4,102	26,601	37.73	25,305	1,296
South Dakota.....	51,432	73.58	50,275	1,157	44,889	64.87	44,860	20
Nebraska.....	929	6.37	238	691	531	.39	531	-----
Kansas.....	23,410	12.37	22,500	910	21,685	11.57	21,685	-----
South Atlantic.....	436,065	28.16	337,006	99,059	399,147	24.09	396,428	2,719
Delaware.....	3,216	13.40	3,216	-----	3,531	13.58	3,181	350
Maryland.....	35,797	21.68	35,591	206	52,004	30.99	52,004	-----
Virginia.....	28,302	11.63	26,343	1,958	29,987	11.15	29,492	495
West Virginia.....	89,620	51.04	80,070	3,550	84,056	45.46	84,056	-----
North Carolina.....	188,616	58.36	176,873	12,742	164,280	47.26	162,607	1,673
South Carolina.....	70,945	44.09	5,173	71,772	41,696	22.27	41,696	-----
Georgia.....	13,178	4.53	4,739	8,438	23,694	7.68	23,492	202
Florida.....	392	.26	-----	392	-----	-----	-----	-----
East South Central.....	235,148	23.58	147,166	87,983	261,475	24.46	245,610	15,865
Kentucky.....	16,607	6.30	2,674	13,933	30,843	10.62	15,248	15,596
Tennessee.....	94,001	35.77	44,939	49,063	104,042	36.13	104,042	-----
Alabama.....	82,343	30.90	66,535	15,808	73,473	25.44	73,404	69
Mississippi.....	41,597	20.45	33,018	8,579	53,117	26.35	52,817	300
West South Central.....	276,724	22.37	242,942	33,781	336,753	26.18	333,166	3,588
Arkansas.....	164,626	88.27	160,480	4,146	164,402	80.71	164,403	-----
Louisiana.....	83,884	39.47	73,455	10,429	120,716	60.84	126,474	3,242
Oklahoma.....	14,347	5.90	1,424	12,923	12,809	5.08	12,890	-----
Texas.....	13,867	2.33	7,583	6,283	29,737	4.83	29,391	346
Mountain.....	60,245	18.12	44,285	15,960	76,622	20.24	73,695	2,927
Montana.....	10,834	20.15	5,833	5,001	10,824	20.23	10,824	-----
Idaho.....	7,067	15.81	4,461	2,606	2,287	4.66	2,287	-----
Wyoming.....	5,196	22.69	4,050	1,146	3,886	16.54	3,215	671
Colorado.....	8,162	7.80	7,355	807	30,180	28.24	30,056	134
New Mexico.....	12,232	28.45	10,752	1,481	16,810	39.83	15,954	857
Arizona.....	3,708	8.41	301	3,407	2,032	7.17	1,700	1,867
Utah.....	11,445	22.27	10,525	920	8,743	16.88	8,743	-----
Nevada.....	1,600	17.39	1,008	592	851	8.43	851	-----
Pacific.....	216,435	25.61	208,725	7,710	280,119	31.92	237,883	42,236
Washington.....	8,267	5.22	7,350	907	14,588	8.80	14,588	-----
Oregon.....	60,999	63.21	58,749	2,250	48,780	47.74	48,780	-----
California.....	147,179	24.92	142,626	4,553	216,942	35.51	174,486	42,456
Hawaii.....	(4)	(4)	(4)	(4)	22,101	55.81	7,386	14,715

<sup>1</sup> Debt of public-service enterprises included for 1932 but excluded for 1937.

<sup>2</sup> Includes outstanding warrants amounting to \$71,434,000.

<sup>3</sup> Outstanding warrants excluded.

<sup>4</sup> No data.

Source: Department of Commerce, Bureau of the Census; 1932, official records; 1937, annual report, Financial Statistics of States, and special release.

## No. 231.—NET DEBT OF STATE GOVERNMENTS, BY STATES: 1902 TO 1937

Note.—Net debt is gross debt less sinking-fund assets prior to 1932; thereafter, funded or fixed debt less sinking-fund assets. Debt of public-service enterprises included prior to 1937, but excluded for 1937

DIVISION AND STATE	TOTAL (THOUSANDS OF DOLLARS)					PER CAPITA (DOLLARS)				
	1902	1912	1922	1932	1937 <sup>1</sup>	1902	1912	1922	1932	1937 <sup>1</sup>
Total, 48 States.....	234,965	345,942	935,544	2,029,506	2,424,648	2.99	3.57	8.84	16.37	18.90
New England.....	74,981	95,570	110,488	75,797	101,452	13.06	13.97	14.63	9.21	11.81
Maine.....	2,785	1,255	12,900	27,009	29,099	3.97	1.67	16.69	33.76	35.05
New Hampshire.....	1,651	1,956	3,018	3,005	13,901	3.71	4.50	6.77	12.89	27.31
Vermont.....	363	570	2,112	8,710	7,843	1.05	1.58	5.90	24.10	20.63
Massachusetts.....	65,064	79,551	76,990	17,266	22,772	22.87	22.78	19.38	4.04	5.15
Rhode Island.....	2,620	5,127	9,338	16,807	26,966	5.83	9.02	15.05	24.15	30.60
Connecticut.....	1,678	7,111	6,088	( <sup>2</sup> )	( <sup>2</sup> )	1.78	6.12	4.24	( <sup>3</sup> )	( <sup>3</sup> )
Middle Atlantic.....	8,578	86,847	252,865	465,673	734,475	.53	4.22	11.04	17.47	26.77
New York.....	8,187	86,205	186,542	328,060	525,900	1.08	9.05	17.52	25.60	40.62
New Jersey.....	( <sup>4</sup> )	642	16,355	62,185	86,905	( <sup>4</sup> )	.24	4.98	15.05	20.04
Pennsylvania.....	389	( <sup>4</sup> )	40,968	75,438	121,670	.06	( <sup>4</sup> )	5.56	7.76	11.98
East North Central.....	18,598	18,105	99,446	266,270	250,731	1.13	.95	4.49	9.97	9.72
Ohio.....	4,685	5,142	30,143	6,036	10,427	1.10	1.05	5.05	.89	1.55
Indiana.....	2,914	1,350	2,325	2,935	4,453	1.13	.49	.78	.90	1.29
Illinois.....	2,155	2,273	13,880	189,629	200,539	.43	.39	2.08	24.48	25.50
Michigan.....	6,666	7,089	50,934	56,487	34,123	2.65	2.41	13.25	11.38	7.10
Wisconsin.....	2,278	2,251	2,164	1,184	1,184	1.07	.93	.80	.40	.41
West North Central.....	10,233	8,180	74,681	194,115	212,740	.97	.68	5.98	14.52	15.40
Minnesota.....	1,755	1,345	20,308	37,003	62,560	.95	.63	8.28	14.33	23.60
Iowa.....	500	357	1,467	14,721	6,468	.02	.16	.60	5.84	2.63
Missouri.....	4,366	4,671	30,456	103,005	119,215	1.37	1.40	8.87	29.25	29.88
North Dakota.....	968	820	5,913	3,748	( <sup>5</sup> )	2.64	1.29	8.94	5.48	( <sup>5</sup> )
South Dakota.....	457	370	15,431	14,500	2,511	1.08	.58	23.84	20.74	3.63
Nebraska.....	2,005	374	1,038	238	531	1.88	.31	.78	.17	.39
Kansas.....	632	243	78	20,001	21,467	.43	.14	.04	11.05	11.46
South Atlantic.....	51,645	51,942	123,630	380,622	354,498	4.88	4.07	8.85	24.97	21.39
Delaware.....	702	763	6,834	2,071	3,118	4.05	3.70	25.65	8.63	11.99
Maryland.....	4,943	7,334	22,129	35,591	50,787	4.06	5.56	14.90	21.56	30.27
Virginia.....	23,640	22,043	21,756	24,024	23,892	12.76	10.46	9.10	9.87	8.88
West Virginia.....			24,181	32,844	76,019			15.97	47.18	41.11
North Carolina.....	6,755	8,059	34,713	164,913	136,420	3.47	3.54	13.11	51.02	39.25
South Carolina.....	6,730	6,190	8,729	67,143	40,771	4.88	3.98	6.05	38.43	21.83
Georgia.....	7,876	6,934	5,410	10,036	23,492	3.44	2.87	1.82	3.48	7.01
Florida.....	1,033	619	869			1.84	.77	.85		
East South Central.....	35,980	33,848	56,984	193,408	229,987	4.62	3.89	6.33	19.38	21.51
Kentucky.....	2,291	4,441	7,745	2,291	14,920	1.04	1.90	3.17	.87	5.14
Tennessee.....	17,985	11,812	19,142	91,570	91,007	8.08	5.32	8.08	34.62	31.00
Alabama.....	12,727	13,132	15,233	30,534	72,591	6.73	5.95	6.36	24.97	25.14
Mississippi.....	2,877	4,461	14,864	33,013	51,400	1.70	2.41	8.30	16.23	25.63
West South Central.....	19,937	26,369	28,493	242,494	323,768	2.80	2.77	2.70	19.60	25.56
Arkansas.....	1,191	1,236	2,722	100,278	103,869	.88	.76	1.52	85.94	80.44
Louisiana.....	13,593	13,546	14,820	73,313	120,325	9.48	7.89	8.08	34.50	59.25
Oklahoma.....	510	6,931	4,797	1,342	11,936	1.10	3.74	2.28	.59	4.70
Texas.....	3,993	4,666	6,145	7,561	20,640	1.24	1.14	1.27	1.27	4.33
Mountain.....	11,322	13,273	50,546	34,254	66,729	6.41	4.51	14.43	9.17	17.65
Montana.....	1,204	1,513	7,570	4,315	9,650	4.57	3.73	12.80	8.03	18.41
Idaho.....	324	2,143	7,673	3,905	2,204	1.84	5.92	16.81	8.87	4.40
Wyoming.....	301	122	4,011	4,048	3,215	3.12	.77	10.60	17.03	13.68
Colorado.....	3,797	3,174	12,010	5,940	30,056	6.72	3.70	12.33	5.68	23.12
New Mexico.....	999	1,218	4,964	10,090	15,243	4.04	3.41	13.44	23.40	39.12
Arizona.....	3,099	3,065	2,740	3,270	1,598	23.86	13.28	7.50	61	3.91
Utah.....	974	1,430	9,819	4,774	3,901	3.36	3.92	20.97	9.29	7.53
Nevada.....	624	608	1,761	863	602	14.70	6.70	22.62	9.27	6.56
Pacific.....	4,463	11,810	138,441	180,933	145,268	1.77	2.48	23.63	21.41	16.54
Washington.....	1,272	1,556	13,191	7,350	12,547	2.31	1.21	9.38	4.65	7.92
Oregon.....	236	31	39,983	31,138	26,380	.54	.04	49.42	32.27	25.82
California.....	2,955	10,223	85,207	142,445	106,332	1.92	3.33	23.41	24.12	17.40
Hawaii.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )

<sup>1</sup> Excludes debt of public-service enterprises. See headnote.

<sup>2</sup> Revised figure \$239,369,000, not distributed by States. <sup>3</sup> Data for the fiscal year 1931.

<sup>4</sup> Sinking-fund assets exceed gross debt or funded or fixed debt. See headnote.

<sup>5</sup> Virginia-West Virginia debt settlement not made until 1918. <sup>6</sup> No data.

Source: Department of Commerce, Bureau of the Census; 1902 to 1922, Decennial Census reports, Wealth, Debt, and Taxation; 1932 and 1937, Financial Statistics of States, special releases, and official records.

No. 232.—DEBT AND SINKING-FUND ASSETS OF STATE GOVERNMENTS: 1880 TO 1937

NOTE.—All figures except per capita in thousands of dollars. Debt of public-service enterprises included prior to 1937 but excluded for 1937

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 <sup>1</sup>	Floating		Current <sup>1</sup>		Amount	Per capita	Amount	Per capita
			Debt to public trust funds	Other floating <sup>2</sup>						
1880	806,017	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 <sup>4</sup>	274,149	163,819	40,808	—	69,522	34,869	239,369	3.03	—	
1906	278,185	228,831	38,252	—	11,052	39,265	238,870	2.85	—	
1910	322,949	271,607	39,486	—	11,856	66,814	256,143	2.78	—	
1912	422,797	290,494	38,530	—	93,773	76,981	345,942	3.67	—	
1915	532,713	403,156	33,508	—	95,902	88,038	444,675	4.52	\$3.76	
1919	693,623	547,346	40,648	—	105,017	146,677	546,946	5.20	\$406,875	
1922	1,162,648	985,859	42,068	—	134,721	227,105	955,543	8.64	\$33,580	
1924	1,592,648	1,358,932	45,459	1,490	188,762	310,942	1,281,701	11.52	\$369,246	
1926	1,746,651	1,508,127	46,306	1,225	139,993	346,687	1,398,964	12.42	\$1,248,602	
1926	1,858,037	1,609,704	39,635	13,143	195,495	378,059	1,479,931	12.77	\$1,327,514	
1927	1,996,428	1,725,729	39,378	34,903	195,418	401,697	1,593,731	13.69	\$1,444,927	
1928	2,144,332	1,867,291	38,476	42,191	196,374	410,655	1,733,777	14.61	\$1,584,565	
1929	2,300,057	1,971,170	37,668	46,677	244,542	443,751	1,856,306	16.38	\$1,689,575	
1930	2,444,122	2,094,495	37,885	106,226	205,516	449,910	1,994,212	16.35	\$1,833,428	
1931	2,666,070	2,259,078	37,769	129,455	239,768	496,293	2,169,784	17.61	\$1,976,844	
1932 <sup>5</sup>	2,907,495	2,379,815	(7)	(8)	527,679	350,249	\$2,029,566	16.37	(10)	
1937	3,276,677	3,023,103	(7)	(8)	252,573	598,455	\$2,424,048	18.90	(10)	

<sup>1</sup> 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.

- <sup>2</sup> Includes special assessment debt, revenue bonds and notes, and warrants.
- <sup>3</sup> Not segregated prior to 1915; included with funded and fixed.
- <sup>4</sup> Revised figures.
- <sup>5</sup> There was an excess of sinking-fund assets over debt in one State.
- <sup>6</sup> Includes figures for the fiscal year 1931 for 7 States. See table 231.
- <sup>7</sup> Included in funded or fixed.
- <sup>8</sup> Included in current.
- <sup>9</sup> Funded or fixed debt less sinking-fund assets.
- <sup>10</sup> Not computed.
- <sup>11</sup> Excluding outstanding warrants.

Source: Department of Commerce, Bureau of the Census; annual report, Financial Statistics of States, and official records.

No. 233.—NET DEBT OF LOCAL GOVERNMENTS, BY CLASSES OF CIVIL DIVISIONS, BY STATES: 1937

NOTE.—In thousands of dollars. Net debt is gross debt less sinking-fund assets. For combined total, see table 234. The term "municipal" comprises city, town, village, borough, and township governments. The term "other local" comprises county, school district, special district, and special authority governments

DIVISION AND STATE	Municipal	Other local	DIVISION AND STATE	Municipal	Other local
Total	8,984,827	5,389,236	South Atlantic—Con.		
New England	718,635	107,873	Virginia	110,804	27,454
Maine	27,900	10,177	West Virginia	13,168	39,679
New Hampshire	23,011	3,391	North Carolina	141,768	198,608
Vermont	16,194	848	South Carolina	40,108	42,157
Massachusetts	425,369	63,441	Georgia	96,012	10,868
Rhode Island	93,089	442	Florida	197,133	240,313
Connecticut	133,672	29,373	East South Central	281,703	292,968
Middle Atlantic	4,063,909	1,338,225	Kentucky	65,076	45,013
New York	2,691,652	634,219	Tennessee	115,849	107,026
New Jersey	788,926	284,658	Alabama	78,331	46,229
Pennsylvania	613,331	417,348	Mississippi	31,547	83,800
East North Central	1,440,587	1,145,108	West South Central	402,279	712,274
Ohio	391,453	323,723	Arkansas	17,532	80,838
Indiana	73,691	76,044	Louisiana	74,240	157,142
Illinois	412,572	528,955	Oklahoma	64,779	56,856
Michigan	486,572	134,670	Texas	245,728	417,438
Wisconsin	76,299	81,716	Mountain	137,067	292,240
West North Central	415,714	598,553	Montana	11,478	47,414
Minnesota	131,198	86,047	Idaho	7,053	61,284
Iowa	41,622	156,280	Wyoming	8,356	27,041
Missouri	143,488	110,921	Colorado	65,248	51,952
North Dakota	9,057	15,161	New Mexico	8,071	27,435
South Dakota	9,775	22,036	Arizona	15,933	38,688
Nebraska	33,142	64,040	Utah	18,088	19,271
Kansas	47,432	53,418	Nevada	1,940	9,105
South Atlantic	734,786	621,133	Pacific	720,177	893,083
Delaware	12,866	6,873	Washington	116,114	104,029
Maryland	169,827	47,181	Oregon	65,246	77,561
District of Columbia	3,085	—	California	538,817	711,473

Source: Treasury Department, Division of Research and Statistics; Securities Exempt from the Federal Income Tax.

## No. 234.—NET DEBT OF LOCAL GOVERNMENTS: 1902 TO 1937

NOTE.—Net debt is combined gross debt less sinking-fund assets of all civil divisions. Debts of State governments are not included in this table but are included in table 220

DIVISION AND STATE	TOTAL (THOUSANDS OF DOLLARS)					PER CAPITA (DOLLARS)				
	1902	1912	1922	1932	1937	1902	1912	1922	1932	1937
<b>Grand total</b> .....	1,630,070	3,475,954	7,754,196	15,215,881	14,824,083	20.74	35.81	71.61	122.21	114.69
<b>New England</b> .....	228,516	295,391	440,251	708,057	820,307	39.46	43.03	57.92	85.89	96.12
Maine.....	12,261	21,543	29,551	37,310	37,477	17.49	28.42	38.21	46.64	43.78
New Hampshire.....	9,802	9,345	13,105	25,230	26,402	23.50	21.40	30.47	63.91	51.77
Vermont.....	4,854	6,411	9,822	17,035	17,042	14.03	17.81	28.04	48.99	44.50
Massachusetts.....	143,709	187,578	252,946	373,744	488,310	49.85	52.86	63.66	87,121.10	44.44
Rhode Island.....	25,530	25,589	39,001	93,546	93,531	56.34	44.15	64.32	134.41	137.34
Connecticut.....	30,210	44,925	94,866	160,692	163,045	32.11	38.01	68.09	98.52	93.65
<b>Middle Atlantic</b> .....	637,311	1,461,733	2,363,586	5,241,045	5,430,134	39.62	71.06	103.15	196.53	197.62
New York.....	429,185	1,040,227	1,497,278	3,014,165	3,325,871	56.56	107.71	140.63	235.20	255.65
New Jersey.....	81,204	169,527	365,817	1,080,033	1,073,584	40.85	61.66	111.42	263.56	247.20
Pennsylvania.....	126,922	245,979	500,471	1,137,847	1,030,679	19.49	30.34	55.72	117.01	101.29
<b>East North Central</b> .....	271,341	528,510	1,553,109	3,056,560	2,585,665	16.48	37.84	70.13	119.00	100.06
Ohio.....	112,545	234,525	639,300	807,341	715,176	26.45	47.23	107.20	128.74	106.22
Indiana.....	31,914	60,053	150,497	194,304	149,735	12.30	23.93	50.43	59.42	43.10
Illinois.....	78,560	137,208	360,139	1,069,140	941,527	15.65	23.24	52.58	138.01	110.51
Michigan.....	28,272	52,908	110,844	721,724	621,242	11.42	18.02	80.84	145.45	128.62
Wisconsin.....	20,070	37,816	302,360	204,051	157,985	9.41	15.63	38.00	68.70	59.99
<b>West North Central</b> .....	168,670	274,780	776,892	1,013,068	924,267	15.94	22.94	60.37	75.88	68.88
Minnesota.....	38,929	60,018	249,300	244,056	217,245	21.12	31.64	101.70	94.87	81.92
Iowa.....	17,300	35,000	150,157	225,496	197,902	7.82	15.78	61.52	91.00	77.55
Missouri.....	46,031	56,951	87,820	230,962	254,409	14.42	16.98	25.58	63.24	63.78
North Dakota.....	4,640	12,441	34,353	31,206	24,218	12.67	18.83	51.95	45.62	34.30
South Dakota.....	0,127	12,315	35,123	35,577	32,461	14.48	19.15	54.25	50.90	46.91
Nebraska.....	20,410	36,371	96,717	109,577	97,182	19.13	29.50	73.14	79.67	71.25
Kansas.....	35,143	52,025	123,392	134,294	100,850	23.99	31.22	69.11	70.98	54.10
<b>South Atlantic</b> .....	107,584	203,253	619,586	1,546,501	1,345,919	9.99	15.94	44.38	96.80	77.98
Delaware.....	3,383	6,097	16,617	27,016	19,739	17.99	29.31	72.42	112.57	75.63
Maryland.....	25,701	52,212	98,825	229,970	217,008	21.12	39.25	66.53	139.38	129.25
District of Columbia.....	14,540	9,061	166		3,055	50.42	26.09			4.87
Virginia.....	23,934	39,887	97,369	155,259	138,258	12.04	18.73	41.14	63.81	51.89
West Virginia.....	4,708	11,105	46,331	65,200	51,847	4.78	8.57	30.26	37.13	27.80
North Carolina.....	8,593	26,285	147,998	368,213	340,371	4.41	11.39	55.91	113.93	97.47
South Carolina.....	9,021	15,097	56,281	93,715	82,265	6.55	9.60	32.59	53.74	43.87
Georgia.....	13,410	25,514	58,619	94,497	55,880	5.85	9.36	19.74	32.47	18.11
Florida.....	4,214	17,895	97,400	512,631	437,496	7.52	21.90	95.11	337.48	261.97
<b>East South Central</b> .....	55,176	126,973	313,569	598,180	564,671	7.10	14.61	34.84	69.88	59.62
Kentucky.....	20,550	25,588	42,774	97,194	101,889	9.32	10.95	17.51	36.89	34.89
Tennessee.....	14,733	47,287	114,105	229,464	222,875	7.11	21.13	48.20	86.75	77.04
Alabama.....	14,366	20,930	59,965	128,430	124,560	7.59	13.37	24.83	47.99	43.03
Mississippi.....	5,277	24,168	96,635	143,042	115,347	3.45	12.88	53.07	70.39	57.02
<b>West South Central</b> .....	63,715	211,066	678,053	1,288,834	1,114,553	9.26	22.18	64.00	104.17	86.40
Arkansas.....	3,034	12,577	88,558	91,446	98,370	2.25	7.58	49.51	49.03	48.03
Louisiana.....	24,184	61,461	112,117	276,668	231,382	16.86	35.21	61.10	129.77	108.53
Oklahoma.....	1,040	53,790	125,180	182,646	121,635	1.40	27.74	59.48	75.07	47.74
Texas.....	32,467	83,238	350,198	738,074	663,106	10.11	19.95	72.44	124.19	107.45
<b>Mountain</b> .....	45,463	99,497	322,230	436,308	419,307	25.75	33.78	91.96	116.64	110.58
Montana.....	7,717	16,633	57,050	61,953	58,892	29.30	30.68	97.40	115.24	109.26
Idaho.....	3,560	11,987	54,520	71,489	69,237	20.18	31.64	119.43	160.29	140.44
Wyoming.....	2,266	4,202	15,117	37,441	35,397	23.54	25.73	73.52	163.50	150.63
Colorado.....	18,269	36,473	87,179	122,758	117,200	32.34	41.29	89.91	117.36	109.43
New Mexico.....	3,581	6,444	20,056	25,536	35,550	17.70	17.41	54.42	59.39	84.26
Arizona.....	3,492	7,324	42,233	68,101	54,621	26.89	31.73	117.02	152.69	132.58
Utah.....	5,038	13,850	40,222	40,455	37,359	19.45	34.24	85.89	78.71	71.98
Nevada.....	940	2,875	5,253	8,575	11,045	22.21	27.19	67.87	93.21	106.36
<b>Pacific</b> .....	54,294	274,741	688,970	1,328,339	1,613,240	21.53	67.61	117.60	156.99	182.51
Washington.....	28,285	94,415	155,872	209,174	220,143	51.40	70.21	110.83	132.05	132.78
Oregon.....	11,066	43,797	98,111	165,461	142,807	25.67	67.86	121.27	170.40	139.05
California.....	14,943	136,529	434,987	953,693	1,250,290	9.71	51.18	119.40	161.48	203.17

<sup>1</sup> Includes \$863,000 indebtedness of local governments in Indian Territory reported separately in 1902.

Sources: Department of Commerce, Bureau of the Census; 1902 to 1922, Decennial Census reports, Wealth, Debt, and Taxation; 1932, Financial Statistics of State and Local Governments. 1937, Treasury Department, Division of Research and Statistics; Securities Exempt from the Federal Income Tax.

## No. 235.—REVENUES AND COST PAYMENTS OF

[All figures, except per capita,

DIVISION AND STATE	ALL LOCAL <sup>1</sup>						COUNTIES		
	Revenue receipts				Governmental-cost payments		Revenue receipts		
	Total	Per capita	From taxes		Total	Per capita	Operation, maintenance, and interest	Total	Per capita
			Total	General property					
1 Grand total.....	6,643,982	\$55.36	4,715,897	4,361,307	7,056,780	\$56.68	5,580,939	1,313,832	\$11.99
2 New England.....	508,457	61.68	411,739	364,045	551,376	66.88	439,536	17,149	2.57
3 Maine.....	33,988	42.49	25,149	24,011	36,944	46.18	29,375	1,991	2.45
4 New Hampshire.....	26,614	56.87	21,410	19,275	24,870	53.14	21,012	1,805	3.83
5 Vermont.....	14,146	39.29	10,084	9,995	14,265	39.63	12,207	73	.20
6 Massachusetts.....	309,999	72.26	252,171	212,413	339,095	79.04	295,827	11,995	3.35
7 Rhode Island.....	32,959	47.35	25,561	26,250	38,717	55.65	29,069	1,915	1.17
8 Connecticut.....	90,751	55.08	76,367	72,101	97,485	59.81	82,046	1,915	1.17
9 Middle Atlantic.....	1,923,176	72.12	1,407,208	1,317,856	2,210,888	82.90	1,663,036	207,805	11.80
10 New York.....	1,131,165	88.29	844,739	777,300	1,277,190	99.69	945,001	86,587	15.13
11 New Jersey.....	335,288	81.14	213,854	200,163	417,468	101.03	305,325	57,676	13.96
12 Pennsylvania.....	456,723	46.97	348,610	340,372	516,234	53.09	402,682	63,542	8.20
13 East North Central.....	1,584,389	61.69	1,108,093	1,040,859	1,585,278	61.73	1,254,000	307,745	11.98
14 Ohio.....	418,206	62.03	301,892	273,923	416,417	61.81	324,548	90,609	13.45
15 Indiana.....	163,137	49.89	127,032	125,802	163,878	48.59	131,780	32,330	10.04
16 Illinois.....	469,902	60.66	333,420	314,759	484,550	62.55	365,692	40,330	5.98
17 Michigan.....	341,703	68.86	214,090	208,201	328,808	66.27	279,417	82,046	16.53
18 Wisconsin.....	191,441	64.40	130,453	118,169	196,625	66.20	152,563	55,930	18.83
19 West North Central.....	663,931	49.65	492,342	438,472	667,836	49.95	538,504	185,888	14.78
20 Minnesota.....	156,278	60.53	107,486	102,525	148,001	57.32	119,034	40,357	15.63
21 Iowa.....	149,032	60.14	118,083	83,831	150,670	60.80	113,190	66,843	26.07
22 Missouri.....	132,580	36.30	99,610	93,697	148,668	40.71	115,178	19,202	6.81
23 North Dakota.....	27,781	40.62	22,670	20,482	28,464	41.61	25,494	8,122	11.87
24 South Dakota.....	34,760	49.71	27,354	25,323	31,875	45.60	27,719	10,317	14.76
25 Nebraska.....	64,840	46.78	43,682	40,707	64,363	46.44	56,812	16,017	11.50
26 Kansas.....	98,670	52.15	72,951	71,707	95,895	50.68	81,077	24,530	12.97
27 South Atlantic.....	499,943	31.29	348,826	318,328	502,462	31.45	432,696	187,978	12.04
28 Delaware.....	10,820	45.12	5,440	5,307	10,998	45.83	7,831	3,264	13.60
29 Maryland.....	71,025	43.05	52,762	47,931	83,186	50.42	63,577	18,673	22.42
30 Dist. of Columbia.....	45,284	92.04	29,929	24,607	48,134	97.83	34,433	3,433	15.26
31 Virginia.....	63,987	26.29	43,825	37,018	63,230	26.40	55,709	26,217	15.26
32 West Virginia.....	52,497	29.90	47,134	46,655	53,490	30.46	44,489	17,032	9.70
33 North Carolina.....	79,384	24.66	56,369	52,479	82,494	25.62	76,162	42,062	13.01
34 South Carolina.....	36,738	21.09	23,741	22,211	30,533	17.51	28,968	12,795	7.30
35 Georgia.....	59,460	20.43	39,898	34,947	56,880	19.55	52,472	17,853	6.14
36 Florida.....	80,714	53.14	49,722	45,083	72,517	47.74	69,055	30,152	19.85
37 East South Central.....	221,754	22.20	147,008	129,434	229,930	23.02	196,927	98,548	9.97
38 Kentucky.....	55,182	20.94	39,699	37,482	57,023	21.64	47,578	11,864	4.50
39 Tennessee.....	55,646	24.32	42,874	30,350	69,889	26.42	50,051	32,419	12.26
40 Alabama.....	51,609	19.28	28,726	24,426	53,626	20.03	45,035	32,405	12.10
41 Mississippi.....	49,317	24.27	35,700	28,176	49,392	23.81	44,663	22,860	11.26
42 West South Central.....	368,932	29.66	242,415	226,312	401,220	32.43	334,212	86,462	7.28
43 Arkansas.....	30,746	16.49	16,040	15,526	29,283	15.70	27,396	11,851	6.35
44 Louisiana.....	68,762	32.25	45,925	41,892	79,080	37.09	60,070	6,186	3.72
45 Oklahoma.....	76,816	31.67	48,946	47,881	88,375	36.32	73,694	20,382	8.38
46 Texas.....	190,698	32.07	130,904	121,513	204,482	34.41	163,052	48,043	8.08
47 Mountain.....	203,871	54.45	133,350	126,225	200,979	58.79	179,492	62,805	18.16
48 Montana.....	29,193	54.30	22,942	21,477	28,210	52.47	26,208	11,262	20.95
49 Idaho.....	26,882	60.27	18,198	16,593	24,887	55.80	23,310	7,824	17.54
50 Wyoming.....	13,912	60.75	8,633	8,053	13,161	57.47	12,247	4,780	20.87
51 Colorado.....	62,898	60.13	40,060	38,806	63,124	60.35	54,820	15,269	20.28
52 New Mexico.....	12,518	29.11	8,613	8,298	12,007	27.92	10,840	2,371	5.51
53 Arizona.....	30,928	67.33	16,728	15,480	29,490	66.12	26,615	12,613	28.06
54 Utah.....	20,001	40.03	13,225	12,930	22,637	44.04	18,769	4,401	8.56
55 Nevada.....	7,639	83.03	5,010	4,588	7,463	81.12	6,677	4,185	45.49
56 Pacific.....	671,729	79.39	428,016	401,797	708,701	83.52	562,584	179,152	22.95
57 Washington.....	103,964	65.63	55,445	54,519	113,451	71.62	86,996	20,172	12.73
58 Oregon.....	55,613	57.27	37,982	36,586	55,541	57.20	46,405	15,725	16.19
59 California.....	512,152	86.72	332,589	310,602	537,709	91.04	429,133	143,255	27.20

<sup>1</sup> Includes school districts, townships, and other civil divisions not shown separately.

LOCAL GOVERNMENTS, BY STATES: 1932

(in thousands of dollars)

COUNTIES—continued					CITIES, TOWNS, VILLAGES, AND BOROUGH							
Revenue receipts—Con.		Governmental-cost payments			Revenue receipts				Governmental-cost payments			
From taxes		Total	Per capita	Operation, maintenance, and interest	Total	Per capita	From taxes		Total	Per capita	Operation, maintenance, and interest	
Total	General property						Total	General property				
1,020,835	877,142	1,411,826	\$12.88	1,100,568	3,373,594	\$42.54	2,261,289	2,057,495	3,594,647	\$45.32	2,777,222	1
14,046	13,414	17,826	2.68	13,536	412,750	60.85	337,788	293,995	452,980	66.79	359,821	2
1,567	1,567	2,006	2.68	1,080	12,171	36.49	9,838	9,267	13,041	39.10	11,152	3
1,618	1,618	2,205	4.84	2,072	10,751	46.14	9,110	7,090	10,280	44.12	8,005	4
66	66	112	.31	77	4,968	31.08	3,275	3,249	4,938	30.85	4,156	5
9,475	9,100	11,055	8.43	7,992	297,912	69.23	242,393	203,010	326,830	76.00	267,316	6
1,320	1,003	1,728	1.06	1,711	32,672	46.84	26,401	26,000	38,418	55.07	28,827	7
170,546	149,428	271,775	16.44	172,845	54,275	61.28	46,781	44,889	59,473	56.20	49,762	8
72,359	60,176	119,900	20.96	64,662	1,292,323	60.43	955,174	892,138	1,423,863	66.58	1,104,775	9
41,765	38,855	71,451	17.20	53,426	116,550	32.57	688,945	638,048	976,060	83.02	765,310	10
56,422	50,395	80,418	10.37	54,757	915,584	68.26	736,805	726,860	1,266,298	67.94	1,016,158	11
209,340	186,884	303,477	11.81	229,690	181,189	20.10	120,424	127,228	219,705	31.65	169,307	12
69,230	60,904	87,683	13.02	62,121	658,273	34.24	375,479	336,055	670,966	34.85	516,730	13
25,806	25,481	30,771	9.41	25,109	169,444	33.37	91,116	74,459	171,522	33.78	126,008	14
25,630	18,745	54,198	7.00	40,484	47,634	22.31	28,543	27,908	47,513	22.25	36,726	15
52,746	47,800	68,302	13.78	56,059	174,150	27.33	93,629	73,877	180,332	28.31	130,560	16
35,928	33,834	62,433	21.02	45,917	169,249	44.76	90,724	98,745	171,283	45.80	145,995	17
152,322	108,028	198,787	16.68	134,743	98,790	52.31	70,467	61,066	100,310	53.11	77,720	18
27,770	24,156	34,848	13.50	23,479	22,583	26.74	181,350	122,330	217,452	26.33	167,090	19
58,357	24,351	75,369	30.42	43,068	69,971	43.37	45,194	43,803	68,202	42.27	54,225	20
17,031	10,877	8,744	8.74	17,249	29,094	19.95	16,778	15,027	26,740	18.34	21,190	21
7,497	5,991	2,671	12.78	6,731	61,573	27.05	30,704	34,021	69,857	30.69	49,027	22
9,799	7,872	10,435	14.93	8,144	4,538	17.87	2,124	2,047	3,558	15.57	3,558	23
11,991	9,452	17,095	12.77	14,003	6,715	24.03	3,684	3,598	6,050	21.65	5,047	24
19,877	19,324	25,025	13.23	20,579	18,956	24.86	10,212	9,826	16,713	21.92	13,983	25
129,125	115,231	166,723	11.95	149,429	247,441	35.40	155,827	137,612	253,718	36.80	208,732	27
2,289	2,272	3,132	13.05	2,691	7,472	48.33	3,064	2,942	7,707	50.45	5,171	28
15,191	14,009	19,902	23.96	10,700	50,977	48.02	37,262	33,532	61,087	57.54	45,859	29
10,192	15,482	25,510	14.86	22,960	45,284	42.04	20,920	24,097	48,134	97.83	34,433	30
15,713	15,479	17,433	9.98	12,760	37,600	41.04	24,599	21,472	38,469	41.92	32,655	31
34,152	31,465	40,430	14.37	43,151	8,153	12.45	5,856	5,615	8,192	12.51	6,806	32
7,389	6,971	9,561	5.48	8,839	27,061	24.90	13,745	12,568	25,083	23.03	23,138	33
16,108	13,723	16,820	5.78	15,119	6,404	18.29	5,972	5,060	8,377	16.29	7,837	34
10,031	15,750	27,848	18.33	27,309	25,851	21.74	15,580	13,074	24,441	20.56	22,554	35
72,024	62,225	102,396	10.25	91,403	35,579	33.70	19,850	18,552	32,138	24.96	30,269	36
10,806	10,304	11,688	4.44	10,905	39,432	25.65	66,940	50,023	95,218	27.31	76,453	37
22,985	20,874	38,043	12.72	30,059	25,778	25.92	17,621	16,145	28,452	28.61	21,417	38
17,817	16,974	32,944	12.31	29,217	30,693	29.59	10,458	18,048	33,738	32.53	27,076	39
20,416	14,078	24,121	11.87	21,222	19,204	26.62	10,909	7,452	20,682	22.21	16,418	40
65,724	55,497	92,956	7.81	76,240	13,757	20.20	8,952	8,378	12,344	23.59	11,542	41
5,426	5,015	11,751	0.30	11,073	123,012	21.86	74,713	70,857	133,745	33.77	102,361	42
5,329	4,664	6,384	3.84	6,117	3,527	6.40	2,374	1,671	3,273	5.94	2,979	43
11,622	11,413	23,432	9.63	18,040	31,978	32.58	19,663	17,803	36,433	37.12	27,011	44
43,347	34,405	51,391	8.05	40,101	23,174	19.63	12,252	11,396	23,855	20.26	16,731	45
52,417	47,684	61,277	17.77	57,196	64,333	22.06	40,242	39,087	70,184	24.07	63,640	46
10,154	8,820	10,905	20.28	10,216	51,690	26.33	26,445	24,635	52,491	26.74	40,897	47
7,225	6,186	7,750	17.39	7,065	5,569	22.06	2,860	2,735	4,998	19.80	4,537	48
4,106	3,694	4,480	19.59	4,133	4,124	20.00	2,174	2,127	3,606	17.92	3,460	49
11,946	11,264	15,151	20.13	13,931	3,122	26.31	1,524	1,413	2,749	23.16	2,494	50
1,999	1,993	2,364	5.50	2,269	13,931	22.904	11,376	10,768	23,114	35.80	17,593	51
9,791	8,755	12,155	27.25	11,796	2,369	17.15	1,150	948	2,050	14.84	1,585	52
3,684	3,664	4,569	8.80	4,023	5,509	31.38	2,607	2,455	5,805	32.54	4,317	53
3,512	3,308	3,891	42.29	3,733	6,778	18.38	3,764	3,479	8,733	23.65	6,833	54
155,291	138,758	198,807	25.45	175,474	1,225	22.42	628	710	1,346	24.04	1,028	55
17,431	10,099	21,918	13.84	18,980	277,090	45.10	137,583	129,952	294,216	47.89	200,400	56
12,413	11,350	16,852	17.36	12,026	47,998	46.84	17,939	17,000	52,616	51.35	33,569	57
126,447	110,439	159,837	30.45	143,568	19,080	31.90	9,732	9,399	18,042	30.17	14,570	58
					210,012	46.45	109,842	102,953	223,558	40.44	152,261	59

Source: Department of Commerce, Bureau of the Census; Financial Statistics of State and Local Governments.

## No. 236.—REVENUES, COST PAYMENTS, AND NET DEBT,

NOTE.—In thousands of dollars. The figures cover the government of the city corporation proper and also with the cities, and also include a percentage of the financial statistics of the county governments in which the ratio of assessed valuation of the city to that of the independent district or county. Net debt repre

City number in order of size	CITY	GENERAL GOVERNMENT									
		Revenues						Cost payments			
		Total <sup>1</sup>	General property taxes	Other local taxes and licenses	Shared taxes	Grants	Service charges for current services	Total	Operation and maintenance		
									Total <sup>1</sup>	General administrative, legislative, and judicial	Police
	<b>Total</b> .....	2,708,893	1,768,972	172,588	97,487	404,958	83,998	2,820,557	2,025,052	159,557	192,712
1	New York.....	771,046	459,756	80,282	39,306	118,963	12,987	781,324	610,261	45,107	57,072
2	Chicago.....	281,586	193,001	19,806	314	45,461	8,680	283,618	172,961	17,846	18,228
3	Philadelphia.....	112,197	77,869	1,339	1,779	8,688	3,216	113,953	82,191	8,807	11,661
4	Detroit.....	114,062	82,776	1,275	5,450	13,960	6,844	109,938	84,128	6,378	10,325
5	Los Angeles.....	108,114	63,226	3,630	4,676	27,968	4,169	112,850	81,329	7,874	7,130
6	Cleveland.....	62,959	38,331	248	4,856	13,671	2,781	60,200	48,268	3,818	4,457
7	St. Louis.....	41,394	28,876	5,648	-----	2,189	2,040	46,819	34,620	3,583	5,255
8	Baltimore.....	53,748	34,101	125	2,484	8,161	887	48,821	38,297	2,301	4,501
9	Boston.....	78,513	55,210	104	5,406	8,285	2,813	73,869	68,972	4,474	5,631
10	Pittsburgh.....	55,151	44,855	294	870	4,728	1,797	54,499	38,623	5,374	3,029
11	San Francisco.....	47,971	31,512	842	1,713	8,113	1,440	43,077	36,200	3,484	3,520
12	Washington, D. C.....	43,917	22,071	11,752	-----	6,812	1,107	43,568	36,642	2,158	3,719
13	Milwaukee.....	45,153	29,962	802	4,103	5,037	1,938	41,229	35,554	2,358	2,064
14	Buffalo.....	47,469	32,689	296	2,724	9,328	939	54,573	39,885	2,833	2,763
15	Minneapolis.....	34,075	21,288	808	153	8,055	1,054	35,998	28,311	1,675	1,418
16	New Orleans.....	29,072	19,306	4,416	25	2,830	790	22,509	15,128	2,344	1,500
17	Cincinnati.....	34,681	17,854	257	2,507	7,217	2,136	31,343	23,952	2,127	1,566
18	Newark.....	43,373	30,007	4,133	116	5,260	1,436	42,604	35,192	2,846	3,588
19	Kansas City, Mo.....	22,010	16,211	2,272	-----	2,126	728	24,117	16,635	2,041	1,390
20	Seattle.....	21,870	13,523	1,027	349	4,606	1,054	20,139	17,101	1,758	1,425
21	Indianapolis.....	18,059	13,758	238	249	2,861	656	17,112	14,724	950	1,235
22	Rochester.....	32,233	22,127	226	1,899	5,194	1,319	31,137	25,305	1,747	1,218
23	Jersey City.....	34,308	24,167	3,253	59	3,853	1,360	29,910	22,794	2,534	2,988
24	Houston.....	17,104	12,288	646	-----	2,928	858	17,653	10,652	1,037	823
25	Louisville.....	18,847	10,311	641	0	962	774	14,632	10,728	790	924
26	Portland, Ore.....	18,242	14,593	565	727	236	614	14,917	12,619	1,102	1,094
27	Columbus, Ohio.....	14,840	8,304	91	1,225	2,692	392	11,417	7,954	566	676
28	Toledo.....	13,984	8,439	212	1,127	2,628	1,092	12,781	9,540	489	838
29	Oakland.....	14,834	9,730	476	159	3,763	436	13,985	12,315	517	1,048
30	Denver.....	20,120	11,919	627	110	5,308	754	19,499	16,323	1,198	1,004
31	Atlanta.....	10,717	5,976	1,207	27	600	858	10,477	8,195	399	832
32	Dallas.....	8,498	6,777	423	-----	1,221	442	9,585	6,590	307	639
33	St. Paul.....	13,293	8,215	907	65	2,267	508	12,839	8,611	444	737
34	Birmingham.....	6,219	2,960	1,191	144	825	226	6,591	5,286	287	520
35	Akron.....	12,359	7,176	29	976	2,404	606	11,604	7,967	407	482
36	Memphis.....	9,273	5,729	1,410	119	1,330	263	7,407	5,401	279	536
37	Providence.....	16,681	12,640	474	379	1,793	449	17,994	13,031	899	1,160
38	San Antonio.....	7,025	5,235	328	-----	1,164	241	7,459	5,348	338	331
39	Omaha.....	8,718	6,729	970	48	326	291	7,432	5,786	287	535
40	Syracuse.....	15,544	10,660	108	816	2,877	470	14,812	12,965	624	713
41	Dayton.....	10,663	6,813	80	659	1,810	661	8,499	6,555	315	475
42	Oklahoma City.....	7,568	4,613	365	94	1,057	317	7,768	4,912	232	516
43	Worcester.....	13,704	9,508	377	1,398	1,432	614	13,465	12,360	463	961
44	Richmond.....	9,305	5,615	1,145	166	632	470	9,319	6,826	591	565
45	Youngstown.....	7,607	4,773	50	582	1,591	169	6,290	5,582	270	394
46	Grand Rapids.....	6,940	4,317	76	38	1,338	541	5,900	4,845	230	362
47	Fort Worth.....	6,889	4,447	111	-----	1,600	408	8,225	4,512	225	388
48	Hartford.....	11,851	9,748	360	177	795	512	11,458	9,447	567	866
49	Flint.....	8,345	5,398	63	31	1,444	730	6,186	5,303	198	402
50	New Haven.....	9,645	8,317	290	188	354	265	8,588	7,503	381	798

<sup>1</sup> Totals include items not shown separately and not included elsewhere.

<sup>2</sup> Includes \$5,000,000 from the Federal Government as representing its share of local expenses.

FOR CITIES OF 100,000 OR MORE INHABITANTS: 1937

independent school districts, sanitary districts, and other independent districts practically coextensive there are cities having over 300,000 population. The percentage included in each case is based upon cents funded or fixed debt less assets in general sinking funds

GENERAL GOVERNMENT—continued										PUBLIC-SERVICE ENTERPRISES			City number in order of size	
Cost payments—Continued										Net debt	Income	Payments		Net debt
Operation and maintenance—Continued														
Fire	Highways	Sanitation and waste removal	Hospitals	Charities	Schools	Recreation	Interest	Outlays	Net debt	Income	Payments	Net debt		
122,064	106,242	99,947	98,059	932,083	596,129	55,132	222,592	372,923	3,903,791	403,623	459,416	2,499,040		
26,130	22,730	32,147	28,032	148,942	151,346	10,498	43,414	127,640	680,026	107,531	124,702	1,167,730	1	
7,775	10,095	9,517	5,858	33,878	41,598	7,083	27,636	38,022	381,231	15,225	15,449	17,842	2	
4,224	1,496	3,580	3,916	1,508	28,649	2,422	17,245	14,517	243,333	18,233	17,380	200,066	3	
5,063	4,233	4,915	6,985	8,198	26,968	1,881	14,157	11,654	283,744	27,628	25,475	92,451	4	
5,923	4,080	1,971	4,373	11,379	26,082	2,476	6,004	25,517	126,450	35,897	90,200	189,591	5	
2,840	3,769	1,983	2,524	8,316	14,261	1,082	5,723	6,300	96,715	9,158	7,767	27,035	6	
2,245	2,018	887	2,020	2,730	10,306	1,533	3,211	8,989	78,807	4,733	3,633	7,678	7	
3,007	3,148	2,667	1,847	5,306	9,200	1,053	5,412	5,112	90,005	9,103	9,684	58,005	8	
3,650	2,927	3,021	3,709	13,501	10,289	2,480	4,413	5,484	84,516	8,550	6,478	45,640	9	
2,003	2,937	1,753	982	4,189	12,107	1,092	5,867	10,009	132,724	4,084	3,278	7,714	10	
3,364	1,207	805	1,979	4,641	9,009	1,870	2,492	5,285	50,475	16,563	17,479	111,934	11	
2,444	1,768	1,827	3,912	3,370	10,239	1,509	-----	0,926	2,455	1,740	2,100	-----	12	
1,975	2,212	2,900	2,507	6,306	9,123	1,828	2,463	3,212	44,227	3,719	3,740	4,559	13	
2,242	2,145	1,775	2,053	10,061	10,073	1,339	5,209	9,479	124,511	3,077	2,493	12,476	14	
1,177	1,736	594	1,636	8,883	7,807	864	2,507	5,180	55,977	1,068	1,845	3,057	15	
1,246	1,580	1,251	61	152	3,898	366	3,673	3,707	60,481	4,112	3,630	11,939	16	
1,292	1,501	393	1,842	3,285	7,688	418	3,390	4,015	49,868	6,262	5,307	16,405	17	
2,104	953	2,035	2,010	5,481	9,607	666	5,642	1,961	77,063	4,222	3,778	45,690	18	
882	1,370	732	1,161	346	5,312	853	2,782	5,700	64,570	2,494	2,513	15,104	19	
1,860	2,251	619	1,006	643	5,536	507	1,603	1,375	29,424	13,783	15,074	59,936	20	
1,606	1,001	733	812	1,778	4,915	410	1,826	1,063	28,744	6,282	5,724	8,617	21	
1,174	1,566	1,455	1,248	5,970	6,904	734	2,650	3,113	60,495	2,193	1,193	12,130	22	
1,252	975	963	3,366	1,939	5,452	620	3,354	3,702	68,110	2,179	1,624	11,001	23	
808	1,090	524	492	3,383	3,013	214	2,074	4,927	41,764	3,158	2,572	9,908	24	
612	681	512	833	904	3,010	398	1,644	2,260	33,669	1,980	1,854	972	25	
1,273	1,012	335	356	907	3,681	431	1,675	622	28,983	3,992	3,055	10,508	26	
654	559	418	4	614	3,409	81	1,476	1,988	24,213	2,259	1,716	5,306	27	
774	673	488	37	670	4,285	157	1,695	1,540	34,887	1,677	1,438	698	28	
1,204	576	226	1	22	5,722	577	631	1,049	11,452	5,535	4,675	41,159	29	
1,001	748	414	534	4,301	4,594	735	859	2,318	14,888	4,310	6,384	24,507	30	
713	468	500	745	277	3,474	177	559	1,723	11,948	2,569	2,134	2,160	31	
731	302	447	189	178	3,147	261	1,255	1,691	28,040	1,930	1,454	8,006	32	
854	526	303	207	792	3,372	379	1,695	2,532	24,379	1,167	971	6,095	33	
652	250	270	12	122	2,433	226	1,093	211	19,853	20	2,163	3,097	34	
367	739	310	-----	373	4,231	62	1,711	1,887	27,236	1,622	1,410	10,439	35	
624	525	368	512	4	1,649	292	967	1,039	19,119	1,600	1,787	9,026	36	
1,166	676	771	504	1,660	4,468	505	1,647	3,316	32,872	2,276	1,737	13,177	37	
406	310	375	-----	20	2,895	260	1,117	994	20,578	1,002	752	4,759	38	
716	417	208	13	2	2,702	154	1,100	506	16,130	3,788	3,222	2,421	39	
865	758	768	91	3,446	3,925	382	1,227	621	34,521	934	772	5,579	40	
452	506	410	3	374	2,705	199	751	1,194	12,190	1,156	719	4,881	41	
423	249	263	11	24	2,484	173	657	2,199	8,263	1,185	861	5,048	42	
891	987	333	850	2,831	3,832	208	277	828	8,910	690	538	2,760	43	
591	470	369	366	563	2,419	168	1,417	1,076	17,041	2,330	2,330	7,478	44	
304	312	161	84	20	2,871	200	477	231	7,882	1,376	1,290	805	45	
442	198	182	141	341	2,339	174	543	512	0,232	960	753	1,623	46	
453	251	217	73	223	2,091	209	1,016	2,697	21,074	1,000	860	5,443	47	
758	330	445	229	1,709	3,171	370	791	1,220	10,575	1,271	2,119	7,285	48	
382	408	218	670	179	2,544	118	118	787	36	11,411	842	503	1,164	49
707	363	256	214	1,162	2,626	227	675	510	11,702	64	34	405	50	



## No. 236.—REVENUES, COST PAYMENTS, AND NET DEBT,

[In thousands of dollars]

City number in order of size	CITY	GENERAL GOVERNMENT									
		Revenues					Cost payments				
		Total <sup>1</sup>	General property taxes	Other local taxes and licenses	Shared taxes	Grants	Service charges for current services	Total	Operation and maintenance		
									Total <sup>1</sup>	General administrative, legislative, and judicial	Police
51	San Diego	7,955	4,826	315	74	2,229	220	7,035	6,253	470	519
52	Long Beach	8,063	5,384	318	52	2,284	173	9,224	6,523	424	563
53	Nashville	5,448	3,653	318	60	1,095	102	5,504	3,871	259	489
54	Springfield	11,428	8,474	285	1,116	986	353	10,708	9,269	382	731
55	Tulsa	5,748	4,403	195	64	883	65	4,911	3,516	176	261
56	Bridgeport	3,453	7,059	273	186	447	272	7,528	6,652	351	562
57	Des Moines	6,290	5,553	250	---	79	193	5,747	4,498	252	334
58	Seranton	5,338	3,866	111	192	857	42	5,915	4,091	248	386
59	Salt Lake City	5,544	3,850	233	---	900	252	5,012	4,441	316	332
60	Yonkers	13,468	10,270	98	498	1,063	91	12,793	10,795	754	978
61	Paterson	8,464	6,350	829	23	653	358	6,082	5,171	256	637
62	Kansasville	5,844	2,313	310	---	992	74	5,702	4,897	323	404
63	Albany	8,195	6,075	25	529	898	89	7,894	6,601	404	827
64	Norfolk	6,125	4,089	719	121	419	262	5,561	3,936	443	469
65	Trenton	7,473	5,306	587	17	975	242	6,099	4,994	214	524
66	Chattanooga	4,251	2,420	134	19	1,151	199	4,330	2,841	118	204
67	Kansas City, Kans.	3,665	2,976	148	11	265	62	4,297	160	180	286
68	Fort Wayne	3,360	2,594	94	94	455	50	2,979	2,634	82	242
69	Camden	7,814	5,022	1,245	11	928	83	6,030	4,020	367	426
70	Erie	4,542	3,906	15	119	279	51	4,337	3,613	284	259
71	Elizabeth	5,893	4,580	453	16	612	46	5,646	4,444	211	520
72	Wichita	4,670	3,716	157	21	79	300	3,814	3,132	91	220
73	Spokane	4,345	2,082	227	94	1,346	209	4,206	3,501	176	268
74	Fall River	5,590	3,496	175	903	626	98	4,976	4,600	191	355
75	Cambridge	8,644	6,426	221	962	690	189	7,783	6,490	323	514
76	New Bedford	5,942	3,596	185	1,060	844	105	5,544	5,058	220	411
77	Reading	5,136	3,971	136	100	674	89	4,905	3,323	241	285
78	Knoxville	4,567	3,417	120	39	559	136	4,411	3,065	163	296
79	Peoria	5,124	3,090	315	---	1,209	118	4,530	3,524	210	290
80	South Bend	3,241	2,425	50	86	510	70	3,197	2,604	76	240
81	Tacoma	4,077	2,025	306	87	1,170	312	3,744	3,300	207	244
82	Miami	7,393	4,014	680	---	813	677	7,441	4,949	637	536
83	Gary	4,001	3,185	35	121	546	74	3,568	3,032	104	317
84	Canton	4,379	2,457	23	394	874	150	3,599	2,959	142	267
85	Wilmington, Del.	4,283	2,477	102	11	1,362	36	3,746	3,240	219	345
86	Tampa	4,481	2,784	332	---	844	202	4,039	2,871	170	207
87	Somerville	6,092	4,077	155	361	703	64	6,336	5,890	258	378
88	El Paso	2,753	1,812	74	---	701	123	2,657	1,932	94	162
89	Evansville	3,157	2,188	80	53	562	217	3,542	2,707	80	288
90	Lynn	6,372	4,299	201	609	767	180	6,308	5,291	234	332
91	Utica	6,264	4,503	36	329	1,128	34	5,820	4,949	267	378
92	Duluth	5,199	4,029	131	17	641	155	4,394	3,567	329	278
93	Waterbury	5,795	5,106	167	119	63	177	6,768	5,432	399	421
94	Lowell	5,524	3,960	150	615	564	140	5,301	4,957	235	335

<sup>1</sup> Totals include items not shown separately and not included elsewhere.

Source: Department of Commerce, Bureau of the Census; annual report, Financial Statistics of Cities.

## FOR CITIES OF 100,000 OR MORE INHABITANTS: 1937—Continued

[In thousands of dollars]

GENERAL GOVERNMENT—continued									PUBLIC-SERVICE ENTERPRISES				City number in order of size
Cost payments—Continued									Net debt	Income	Payments	Net debt	
Operation and maintenance—Continued													
Fire	Highways	Sanitation and waste removal	Hospitals	Charities	Schools	Recreation	Interest	Outlays					
446	349	227	-----	5	2,931	343	309	474	5,742	2,271	2,070	12,756	51
535	488	304	-----	28	2,710	442	580	2,120	11,069	3,647	2,001	11,452	52
535	197	179	235	63	1,240	186	566	1,068	11,308	792	633	3,408	53
800	481	567	191	2,048	2,917	385	351	1,088	9,448	1,050	790	6,384	54
337	239	79	3	13	1,919	125	695	700	10,275	1,103	639	4,597	55
700	846	368	283	046	1,904	189	657	218	14,613	-----	-----	-----	56
481	317	210	-----	1	2,271	118	556	693	12,508	897	706	4,104	57
468	314	283	16	1	1,954	122	379	1,445	7,960	3	3	-----	58
249	414	103	11	-----	2,173	220	356	214	6,016	933	808	4,452	59
640	439	1,034	404	1,250	3,623	274	1,398	600	28,152	1,031	1,161	5,182	60
623	192	377	140	326	2,019	72	832	679	15,049	1,245	918	13,934	61
512	533	420	48	33	1,516	214	501	334	8,413	4,668	4,831	5,485	62
632	306	547	171	483	1,871	369	711	582	15,932	1,683	1,824	19,889	63
459	134	271	79	277	1,264	111	1,194	432	15,207	1,463	1,059	11,705	64
475	285	272	102	825	1,725	91	872	233	17,241	384	809	816	65
408	243	163	268	45	1,005	84	736	754	13,566	44	63	450	66
367	179	40	5	1	1,887	53	333	1,288	6,557	3,338	3,399	2,447	67
286	99	145	-----	-----	1,955	100	135	210	2,735	1,840	1,719	1,935	68
354	191	174	126	812	1,668	83	1,148	262	24,082	669	612	1,158	69
307	228	214	14	1	1,815	57	508	216	10,313	842	702	1,356	70
469	237	225	75	853	1,922	70	566	637	11,510	821	643	4,541	71
288	123	119	-----	12	1,898	157	343	338	6,485	78	56	205	72
813	296	225	19	12	1,701	179	154	551	3,202	849	803	382	73
344	312	73	249	1,443	1,224	68	276	90	5,426	379	365	180	74
512	361	417	842	1,354	1,844	215	402	891	6,884	508	444	646	75
349	191	233	186	1,500	1,464	88	279	207	6,040	405	301	1,252	76
154	227	153	-----	-----	1,758	167	476	1,106	10,244	617	496	2,618	77
341	242	156	260	81	1,258	21	972	374	19,530	784	646	4,600	78
338	273	297	91	300	1,227	185	185	821	3,452	45	27	260	79
810	226	81	49	-----	1,318	72	219	374	4,297	422	370	485	80
455	201	217	2	2	1,552	110	194	250	3,242	3,813	2,665	9,644	81
400	439	316	598	160	1,181	196	1,826	865	29,410	1,375	2,305	7,965	82
325	137	182	-----	7	1,681	120	260	267	5,341	-----	-----	-----	83
201	340	101	40	2	1,501	72	512	128	6,454	431	398	757	84
322	150	254	-----	5	1,488	102	289	217	4,836	861	822	6,940	85
217	293	169	280	36	1,171	72	709	460	11,177	593	467	2,902	86
439	268	365	111	1,972	1,588	122	181	265	4,082	463	417	108	87
236	85	102	30	7	1,016	82	328	347	5,621	519	371	1,555	88
340	226	83	13	10	1,238	109	194	641	3,986	600	445	913	89
507	268	237	118	1,367	1,551	173	261	756	5,509	465	436	415	90
484	356	221	103	784	1,655	97	455	417	11,333	48	21	262	91
356	245	100	60	16	1,083	128	358	469	7,730	1,319	1,093	1,995	92
563	1,138	166	98	455	1,701	142	608	818	11,731	650	686	6,642	93
366	318	204	73	1,609	1,211	72	174	170	3,842	427	420	376	94

No. 237.—LEVIES OF GENERAL PROPERTY TAXES, 1930 TO 1937, AND ASSESSED VALUATION OF PROPERTY, 1937, FOR CITIES OF 100,000 OR MORE INHABITANTS

[In thousands of dollars]

City No. in order of size	CITY	LEVIES OF GENERAL PROPERTY TAXES						Assessed valuation, 1937	
		1930	1932	1933	1934	1935	1936		1937
	Total	2,171,632	2,088,017	1,845,371	1,772,647	1,774,451	1,806,493	1,821,258	58,716,868
1	New York	497,399	534,140	455,802	471,296	468,549	452,683	459,320	16,599,695
2	Chicago	1,225,321	1,229,405	1,188,131	1,163,470	1,170,399	1,186,300	1,186,300	1,955,929
3	Philadelphia	100,830	98,993	92,970	80,147	74,768	73,385	73,385	3,024,960
4	Detroit	104,258	94,214	68,519	67,958	65,702	66,233	66,233	2,291,720
5	Los Angeles	84,610	61,035	63,949	53,210	51,783	58,485	65,004	1,702,717
6	Cleveland	55,180	34,426	32,186	31,051	33,052	33,431	33,431	1,168,927
7	St. Louis	36,110	37,175	33,719	29,743	29,273	30,636	30,212	1,125,977
8	Baltimore	30,744	36,546	33,204	31,702	33,536	34,374	34,874	1,021,821
9	Boston	61,942	67,751	59,013	63,153	61,796	62,363	62,455	1,025,194
10	Pittsburgh	47,541	45,809	43,636	41,800	41,741	40,880	40,860	1,100,444
11	San Francisco	32,502	32,705	31,756	26,586	28,743	30,633	30,900	980,422
12	Washington, D. C.	24,650	25,254	24,304	20,922	20,558	20,422	21,453	1,780,260
13	Milwaukee	35,622	31,034	30,560	30,993	28,806	30,347	30,347	940,269
14	Buffalo	38,030	33,760	27,961	30,751	27,985	32,721	32,721	963,317
15	Minneapolis	25,161	24,200	24,946	26,658	25,691	23,680	23,580	550,214
16	New Orleans	20,971	10,801	18,798	17,047	16,910	16,583	17,056	420,530
17	Cincinnati	24,906	18,164	16,201	12,070	14,696	15,219	15,219	806,105
18	Newark	35,855	34,350	28,517	30,729	31,707	35,043	35,529	961,938
19	Kansas City, Mo.	19,342	18,166	19,154	18,503	19,410	19,254	19,254	527,455
20	Seattle	24,525	20,828	16,417	13,876	12,930	13,157	13,157	250,450
21	Indianapolis	19,342	16,229	16,006	13,077	13,915	15,024	15,024	505,862
22	Rochester	20,649	20,981	18,541	21,322	20,611	23,084	23,084	625,203
23	Jersey City	23,971	24,644	23,627	25,307	26,384	27,907	26,251	593,304
24	Houston	16,378	14,406	13,203	12,389	12,021	12,644	12,966	293,433
25	Louisville	15,374	12,088	11,631	12,266	11,360	12,546	12,389	418,908
26	Portland, Oreg.	16,875	14,915	15,316	13,864	14,200	14,743	14,609	270,540
27	Columbus, Ohio	12,825	9,285	6,249	5,976	6,798	7,386	7,386	348,400
28	Toledo	15,629	10,060	9,755	7,772	7,164	8,090	8,090	392,777
29	Oakland	15,497	15,498	14,292	11,363	10,891	11,282	12,406	257,263
30	Denver	15,926	12,970	11,992	11,755	12,192	12,855	12,855	363,791
31	Atlanta	11,030	10,619	8,707	8,714	9,038	8,892	10,906	370,132
32	Dallas	11,798	11,617	10,948	9,482	9,662	9,742	9,742	281,941
33	St. Paul	13,246	12,494	13,542	13,616	13,305	13,074	13,074	273,644
34	Birmingham	8,329	7,040	6,374	5,794	5,871	5,790	5,790	160,000
35	Akron	12,227	7,007	6,290	6,000	5,930	7,280	7,280	266,681
36	Memphis	10,427	9,525	8,790	8,706	8,869	8,636	9,003	281,069
37	Providence	13,556	13,207	12,609	12,556	12,497	12,609	12,609	637,112
38	San Antonio	9,800	10,421	8,828	8,305	7,204	6,990	7,019	208,727
39	Omaha	11,211	9,024	8,879	8,403	8,527	8,358	8,358	271,955
40	Syracuse	13,029	11,978	8,712	10,685	9,925	11,414	12,531	375,398
41	Dayton	10,112	7,819	6,661	5,038	5,030	5,578	5,578	278,911
42	Oklahoma City	6,752	7,399	5,813	5,139	4,577	4,841	5,033	110,830
43	Worcester	10,238	11,697	10,516	9,918	10,732	10,586	10,480	285,059
44	Richmond	7,375	7,041	6,550	6,527	6,252	6,320	6,424	265,913
45	Youngstown	8,275	5,828	5,671	4,368	4,387	4,745	4,745	263,586
46	Grand Rapids	9,368	8,552	7,435	5,858	5,820	4,157	4,018	185,435
47	Fort Worth	7,842	7,188	7,188	7,168	6,651	6,719	6,719	162,381
48	Hartford	9,320	10,529	9,783	9,447	9,827	9,403	9,403	352,325
49	Flint	8,611	7,794	7,020	5,360	4,998	4,976	4,825	175,063
50	New Haven	8,941	9,533	7,419	8,475	8,435	8,364	8,364	308,431
51	San Diego	8,516	7,877	7,543	5,934	6,121	7,153	6,756	140,060
52	Long Beach	8,322	8,695	6,575	6,397	6,097	7,543	7,838	208,124
53	Nashville	6,273	5,474	4,984	5,357	5,227	5,261	5,040	160,548
54	Springfield, Mass.	8,787	9,872	8,832	8,692	8,717	9,592	9,165	284,693
55	Albany	7,045	7,208	6,688	5,517	4,942	5,372	5,086	100,623
56	Bridgeport	7,840	7,724	7,122	6,809	7,363	6,932	6,932	232,613
57	Des Moines	7,685	7,741	7,164	6,850	6,851	7,603	7,003	163,629
58	Scranton	6,218	5,765	5,471	5,289	5,274	5,312	4,727	107,193
59	Salt Lake City	6,411	6,374	5,915	5,868	5,867	5,371	5,369	180,910
60	Yonkers	10,720	12,014	10,982	11,183	11,075	10,804	10,768	314,896
61	Paterson	9,953	7,935	6,778	7,342	6,869	7,807	7,774	173,514
62	Jacksonville	6,349	4,220	3,480	3,909	3,167	3,053	3,105	71,951
63	Albany	8,599	8,136	8,033	7,956	8,093	7,662	7,662	233,028
64	Norfolk	5,402	6,172	5,107	4,012	4,659	4,273	3,932	150,817
65	Trenton	7,823	7,378	6,068	6,430	6,466	6,246	6,393	161,434
66	Chattanooga	4,638	4,154	3,004	3,628	4,137	3,943	3,943	112,424
67	Kansas City, Kans.	5,061	5,158	4,606	4,686	4,477	4,593	4,593	83,707
68	Fort Wayne	5,483	3,668	4,076	4,051	3,832	3,493	3,493	147,000
69	Camden	6,741	6,210	6,281	5,958	5,804	5,878	5,865	136,678
70	Erie	4,801	5,362	4,702	4,346	4,379	3,882	3,882	129,676
71	Elizabeth	5,440	5,725	5,511	5,700	5,745	5,485	5,221	139,275
72	Wichita	5,413	4,314	3,625	4,183	4,008	4,314	4,314	185,160
73	Spokane	5,104	4,097	3,541	3,479	3,242	3,226	3,226	70,942
74	Fall River	5,692	6,015	4,596	4,629	4,555	4,318	3,815	96,879
75	Cambridge	6,331	7,160	6,393	7,100	7,545	7,370	6,994	177,926

For footnotes, see p. 237.

No. 237.—LEVIES OF GENERAL PROPERTY TAXES, 1930 TO 1937, AND ASSESSED VALUATION OF PROPERTY, 1937, FOR CITIES OF 100,000 OR MORE INHABITANTS—Continued

[In thousands of dollars]

City No. in order of size	CITY	LEVIES OF GENERAL PROPERTY TAXES						Assessed valuation, 1937	
		1930	1932	1933	1934	1935	1936		1937
76	New Bedford.....	5,376	5,357	4,688	4,681	4,715	4,714	4,402	109,294
77	Reading.....	4,023	4,554	4,330	4,312	4,312	4,090	4,690	145,684
78	Knoxville.....	4,841	4,791	4,251	4,310	4,496	4,636	4,066	126,694
79	Peoria.....	4,145	4,154	3,338	3,306	3,477	3,588	3,588	78,335
80	South Bend.....	5,304	4,021	3,882	3,405	3,167	3,152	3,152	128,172
81	Tacoma.....	5,314	4,955	3,007	3,495	3,150	2,864	2,864	49,521
82	Miami.....	6,574	5,886	3,841	4,420	4,442	4,723	5,416	138,609
83	Gary.....	6,275	4,391	3,861	4,018	4,724	4,252	4,252	128,058
84	Canton.....	5,015	2,786	2,548	1,939	2,002	2,237	2,237	130,541
85	Wilmington, Del.....	3,883	3,730	3,539	3,540	3,102	2,972	2,972	152,146
86	Tampa.....	5,394	4,402	4,892	4,543	4,498	4,249	4,587	85,707
87	Somerville.....	3,730	5,068	4,009	4,475	4,637	4,980	5,175	118,805
88	El Paso.....	3,750	4,175	3,613	3,672	3,105	2,856	2,856	81,642
89	Evansville.....	4,415	3,187	3,770	3,220	3,272	3,504	3,504	115,511
90	Lynn.....	4,123	5,097	4,746	4,834	4,890	4,903	4,507	137,392
91	Utica.....	5,428	5,427	4,260	5,166	4,884	5,446	4,427	130,988
92	Duluth.....	6,234	6,344	5,966	5,732	5,845	5,934	5,034	128,770
93	Waterbury.....	7,060	5,841	5,527	5,234	5,187	5,114	5,192	164,834
94	Lowell.....	4,413	5,008	4,326	4,366	4,579	4,949	4,332	102,645

<sup>1</sup> Data for year ending Dec. 31, 1929.<sup>2</sup> Data for year ending Dec. 31, 1931.<sup>3</sup> Data for year ending Dec. 31, 1932.<sup>4</sup> Data for year ending Dec. 31, 1933.

Source: Department of Commerce, Bureau of the Census; annual report, Financial Statistics of Cities.

No. 238.—REVENUES, COST PAYMENTS, GROSS AND NET DEBT OF GENERAL GOVERNMENT AND OF PUBLIC-SERVICE ENTERPRISES, FOR CITIES OF 100,000 OR MORE INHABITANTS—SUMMARY: 1926, 1936, AND 1937

	1926		1936		1937	
	Amount (thousands of dollars)	Percent of total	Amount (thousands of dollars)	Percent of total	Amount (thousands of dollars)	Percent of total
<b>GENERAL GOVERNMENT</b>						
Revenues, total.....	2,096,343	100.0	2,602,955	100.0	2,708,293	100.0
General property taxes.....	1,489,822	71.1	1,726,053	66.3	1,766,972	65.2
Other revenues.....	606,521	28.9	876,902	33.7	941,321	34.8
Cost payments, total.....	2,310,870	100.0	2,382,551	100.0	2,620,557	100.0
Operation and maintenance.....	1,339,187	60.1	1,847,705	77.6	2,025,052	77.8
Interest.....	1,255,783	111.1	234,733	9.0	222,582	8.5
Outlays.....	665,900	28.8	300,112	12.5	372,923	14.2
Gross debt.....	5,298,850		5,447,880		5,358,833	
Net debt.....	1,488,573		1,633,517		3,903,791	
<b>PUBLIC-SERVICE ENTERPRISES</b>						
Income.....	230,176		290,267		403,623	
Payments, total.....	274,022	100.0	392,477	100.0	459,416	100.0
Operation and maintenance.....	125,284	45.7	134,469	34.3	183,844	40.0
Interest.....	( <sup>3</sup> )	( <sup>3</sup> )	119,382	30.4	113,481	24.7
Outlays.....	148,738	54.3	138,026	35.3	162,091	35.3
Gross debt.....	1,082,811		2,838,343		2,797,270	
Net debt.....	( <sup>3</sup> )		( <sup>3</sup> )		2,409,040	

<sup>1</sup> Includes data for public-service enterprises.<sup>2</sup> Includes administrative expense of enterprises owned but leased for operation.<sup>3</sup> Included in data for general government.

Source: Department of Commerce, Bureau of the Census; annual report, Financial Statistics of Cities.

NO. 239.—BOND ISSUES—CITY PROPOSALS VOTED ON IN GENERAL ELECTIONS, BY NUMBER OF PROPOSALS, AMOUNTS SUBMITTED, AND NUMBER OF CITIES SUBMITTING: 1938 AND 1939

BOND-ISSUE MEASURES	1938	1939				
		Total	Region			
			North-eastern <sup>1</sup>	North Central <sup>2</sup>	South-ern <sup>3</sup>	Moun-tain and Pacific
Number submitted.....	158	66	2	24	30	10
Approved.....	66	33	2	7	18	6
Defeated.....	92	33	-----	17	12	4
Percentage approved.....	42	50	100	29	60	60
Amount submitted (thousands of dollars).....	125, 426	63, 309	225	30, 346	20, 830	11, 838
Approved.....	47, 237	22, 022	225	3, 981	14, 433	3, 383
Defeated.....	78, 189	41, 287	-----	26, 365	6, 447	8, 476
Percentage approved.....	38	35	100	13	69	29
Cities, number submitting.....	46	35	2	13	14	6
Approving <sup>4</sup> .....	31	21	2	7	9	3
Defeating <sup>4</sup> .....	27	18	-----	7	7	4

<sup>1</sup> New England and Middle Atlantic. <sup>2</sup> East North Central and West North Central. <sup>3</sup> South Atlantic, East South Central, and West South Central. <sup>4</sup> In 1938, 12 cities and in 1939, 4 cities both approved and defeated bond-issue proposals.

Source: Department of Commerce, Bureau of the Census; special releases.

NO. 240.—EMPLOYEES OF MUNICIPAL GOVERNMENTS, FOR CITIES OF 100,000 OR MORE INHABITANTS—NUMBER, JANUARY 1940, AND AMOUNT OF PAY ROLLS, JANUARY 1940 AND YEAR 1939

NOTE.—Figures in this table cover both full-time and part-time permanent employees and temporary employees. The data are reported separately for general governmental functions and public-service enterprises operated by the municipal government. Persons on work-relief and employees of contractors and schools are excluded. A blank space indicates figures were not reported.

City No. in order of size	CITY	NUMBER OF EMPLOYEES JANUARY 1940 <sup>1</sup>		AMOUNT OF PAY ROLL (thousands of dollars)			
		General govern-mental functions	Public-service enter-prises	January 1940 <sup>2</sup>		1939 <sup>3</sup>	
				General govern-mental functions	Public-service enter-prises	General govern-mental functions	Public-service enter-prises
1	New York, N. Y.....	107, 063	11, 176	-----	-----	214, 982	23, 507
2	Chicago, Ill.....	<sup>4</sup> 21, 902	4, 033	<sup>4</sup> 4, 240	789	-----	-----
3	Philadelphia, Pa.....	19, 120	786	2, 765	94	33, 029	1, 135
4	Detroit, Mich.....	17, 193	6, 504	2, 763	1, 023	-----	-----
5	Los Angeles, Calif.....	<sup>5</sup> 22, 438	10, 443	<sup>5</sup> 1, 847	1, 645	-----	-----
6	Cleveland, Ohio.....	-----	-----	-----	-----	-----	-----
7	St. Louis, Mo.....	10, 469	940	1, 331	125	16, 255	1, 527
8	Baltimore, Md.....	<sup>6</sup> 14, 887	797	-----	-----	<sup>6</sup> 14, 760	989
9	Boston, Mass.....	12, 344	547	-----	-----	20, 096	1, 012
10	Pittsburgh, Pa.....	-----	-----	-----	-----	-----	-----
11	San Francisco, Calif.....	7, 392	1, 894	7, 312	7, 322	15, 745	3, 858
12	Washington, D. C.....	9, 785	650	1, 409	-----	10, 090	1, 034
13	Milwaukee, Wis.....	5, 638	462	931	72	11, 509	872
14	Buffalo, N. Y.....	-----	-----	-----	-----	-----	-----
15	Minneapolis, Minn.....	<sup>8</sup> 4, 363	<sup>8</sup> 467	-----	-----	8, 645	1, 126
16	New Orleans, La.....	-----	-----	-----	-----	-----	-----
17	Cincinnati, Ohio.....	4, 796	554	575	77	6, 944	923
18	Newark, N. J.....	-----	-----	-----	-----	-----	-----
19	Kansas City, Mo.....	3, 364	646	386	69	-----	-----
20	Seattle, Wash.....	2, 680	2, 762	402	421	4, 825	5, 056
21	Indianapolis, Ind.....	-----	-----	-----	-----	-----	-----
22	Rochester, N. Y.....	3, 920	213	518	25	4, 922	237
23	Jersey City, N. J.....	-----	-----	-----	-----	-----	-----
24	Houston, Tex.....	2, 297	378	265	35	-----	-----
25	Louisville, Ky.....	3, 449	443	302	54	3, 629	648
26	Portland, Oreg.....	1, 861	256	312	39	-----	427
27	Columbus, Ohio.....	1, 803	449	216	51	2, 852	648
28	Toledo, Ohio.....	1, 816	<sup>9</sup> 517	254	68	-----	-----
29	Oakland, Calif.....	-----	-----	-----	-----	-----	-----
30	Denver, Colo.....	<sup>10</sup> 3, 339	533	385	62	5, 025	770
31	Atlanta, Ga.....	2, 518	185	290	24	3, 435	281
32	Dallas, Tex.....	2, 253	309	249	37	2, 322	416
33	St. Paul, Minn.....	<sup>11</sup> 1, 585	172	-----	-----	<sup>11</sup> 3, 276	424
34	Birmingham, Ala.....	1, 323	16	169	2	2, 032	30
35	Akron, Ohio.....	1, 322	203	162	24	2, 040	310

For footnotes, see p. 239.

No. 240.—EMPLOYEES OF MUNICIPAL GOVERNMENTS, FOR CITIES OF 100,000 OR MORE INHABITANTS—NUMBER, JANUARY 1940, AND AMOUNT OF PAY ROLLS, JANUARY 1940 AND YEAR 1939—Continued

City No. in order of size	CITY	NUMBER OF EMPLOYEES JANUARY 1940 <sup>1</sup>		AMOUNT OF PAY ROLL (THOUSANDS OF DOLLARS)			
		General governmental functions	Public-service enterprises	January 1940 <sup>2</sup>		1939 <sup>3</sup>	
				General governmental functions	Public-service enterprises	General governmental functions	Public-service enterprises
36	Memphis, Tenn.	2,149	10	200	1	2,385	13
37	Providence, R. I.	2,546	115	—	—	4,246	395
38	San Antonio, Tex.	1,601	12	81	1	977	13
39	Omaha, Nebr.	1,025	6	121	1	1,579	6
40	Syracuse, N. Y.	1,985	184	274	19	3,500	231
41	Dayton, Ohio.	1,264	156	161	33	1,921	387
42	Oklahoma City, Okla.	1,005	132	137	15	1,663	167
43	Worcester, Mass.	2,545	149	324	21	4,255	270
44	Richmond, Va.	1,786	393	293	54	—	—
45	Youngstown, Ohio.	986	205	123	20	1,480	261
46	Grand Rapids, Mich.	1,135	155	141	17	1,850	215
47	Fort Worth, Tex.	1,143	135	152	16	1,832	196
48	Hartford, Conn.	2,113	9	—	—	3,570	15
49	Flint, Mich.	1,042	66	124	11	1,551	144
50	New Haven, Conn.	1,735	5	218	1	2,708	8
51	San Diego, Calif.	1,267	231	187	30	2,205	350
52	Long Beach, Calif.	1,503	467	240	69	2,796	754
53	Nashville, Tenn.	—	—	—	—	—	—
54	Springfield, Mass.	1,934	146	—	—	3,242	257
55	Tulsa, Okla.	—	—	—	—	—	—
56	Bridgeport, Conn.	1,733	0	216	0	2,795	0
57	Des Moines, Iowa.	1,915	162	130	24	1,747	—
58	Seranton, Pa.	800	—	107	—	1,339	6
59	Salt Lake City, Utah.	1,065	55	117	5	1,023	69
60	Yonkers, N. Y.	—	—	—	—	—	—
61	Paterson, N. J.	1,068	0	150	0	—	0
62	Jacksonville, Fla.	1,385	655	193	89	2,308	1,065
63	Albany, N. Y.	—	—	—	—	—	—
64	Norfolk, Va.	1,220	68	148	11	1,797	138
65	Trenton, N. J.	1,192	178	177	23	—	—
66	Chattanooga, Tenn.	—	—	—	—	—	—
67	Kansas City, Kans.	482	570	64	95	700	1,093
68	Fort Wayne, Ind.	575	894	78	62	—	—
69	Camden, N. J.	976	69	—	—	1,633	119
70	Erie, Pa.	747	182	85	22	1,066	266
71	Elizabeth, N. J.	846	49	130	8	1,596	100
72	Wichita, Kans.	717	31	64	3	846	39
73	Spokane, Wash.	777	134	97	15	1,334	195
74	Fall River, Mass.	995	70	107	9	1,363	111
75	Cambridge, Mass.	—	—	—	—	—	—
76	New Bedford, Mass.	921	85	114	10	—	—
77	Reading, Pa.	710	160	83	19	1,028	233
78	Knoxville, Tenn.	777	430	84	84	629	407
79	Peoria, Ill.	709	0	—	0	913	0
80	South Bend, Ind.	820	113	—	—	868	169
81	Tacoma, Wash.	698	507	—	—	1,326	999
82	Miami, Fla.	1,966	114	214	13	2,570	155
83	Gary, Ind.	595	0	87	0	146	0
84	Canton, Ohio.	552	99	66	10	834	130
85	Wilmington, Del.	1,017	160	110	17	1,345	224
86	Tampa, Fla.	858	83	91	10	1,062	122
87	Somerville, Mass.	854	47	116	7	1,604	88
88	El Paso, Tex.	543	103	68	11	853	143
89	Evansville, Ind.	507	136	94	18	998	209
90	Lynn, Mass.	871	79	—	—	1,746	206
91	Utica, N. Y.	—	—	—	—	—	—
92	Duluth, Minn.	2,002	594	101	29	1,355	359
93	Waterbury, Conn.	927	51	120	6	1,427	73
94	Lowell, Mass.	967	102	122	16	1,497	180

<sup>1</sup> Pay period ended nearest Jan. 31.

<sup>2</sup> In some cases data are for December 1939 or some other month in 1939.

<sup>3</sup> Calendar year, or in some cases, fiscal year ended in 1939.

<sup>4</sup> Excludes employees and pay rolls of Sanitary and Park Districts.

<sup>5</sup> Includes 11,664 temporary election employees earning \$53,000 in the month.

<sup>6</sup> Includes 4,649 temporary election and registration employees earning \$149,000 in 1939.

<sup>7</sup> Monthly pay roll estimated by city officials as one-twelfth of annual pay rolls.

<sup>8</sup> Covers only classified civil service employees. Data for employees as of Dec. 1, 1939.

<sup>9</sup> Includes bridge employees not reported separately from harbor-facilities employees.

<sup>10</sup> Excludes employees of Colorado Museum of Natural History and Denver Art Museum, to which city contributed a lump sum.

<sup>11</sup> Data are for 1938. Excludes hospital and charities employees earning \$281,472 in 1938.

<sup>12</sup> Includes 25 temporary employees, some of whom apparently also performed general governmental functions but are not reported twice.

Source: Department of Commerce, Bureau of the Census; State and Local Government Quarterly Employment Survey, Vol. 1, No. 3.

# II. BANKING AND FINANCE

No. 241.—COINAGE OF THE UNITED STATES: 1793 TO 1939

[All figures in thousands of dollars]

PERIOD OR CALENDAR YEAR					CALENDAR YEAR				
	Total	Gold	Silver	Minor		Total	Gold	Silver	Minor
1793-1800.....	2,584	1,014	1,440	70	1910.....	111,506	104,724	3,744	3,037
1801-1810.....	0,071	3,261	3,569	151	1911.....	65,791	56,177	6,457	3,157
1811-1820.....	9,328	3,167	5,971	191	1912.....	27,417	17,499	7,841	2,577
1821-1830.....	18,886	1,903	16,781	151	1913.....	33,285	25,438	3,184	4,667
1831-1840.....	46,464	18,778	27,343	342	1914.....	61,760	53,458	6,084	2,208
1841-1850.....	111,000	89,218	22,368	381	1915.....	30,145	23,993	4,114	2,003
1851-1855.....	237,990	214,143	22,972	276	1916.....	33,743	18,525	8,881	6,338
1856-1860.....	156,945	130,264	24,660	1,021	1917.....	36,540	10	29,412	6,118
1861-1865.....	185,015	175,994	7,146	2,775	1918.....	31,446	-----	25,473	5,973
1866-1870.....	201,340	118,418	5,610	5,873	1919.....	20,778	-----	11,008	9,709
1871-1875.....	120,346	168,075	31,833	1,438	1920.....	60,214	16,900	25,067	8,167
1876-1880.....	378,964	241,764	136,307	834	1921.....	100,788	10,570	89,058	1,165
1881-1885.....	390,384	243,745	142,657	3,981	1922.....	166,077	80,680	84,325	72
1886-1890.....	300,322	126,180	175,003	5,139	1923.....	114,575	45,305	60,283	2,927
1891-1895.....	328,759	260,169	63,861	4,729	1924.....	239,947	206,010	21,627	2,310
1896-1900.....	640,055	411,684	127,018	7,352	1925.....	216,457	192,380	19,874	4,203
1901-1905.....	690,215	475,645	102,709	10,801	1926.....	102,828	78,541	19,826	4,462
1906-1910.....	660,088	635,840	49,054	12,195	1927.....	141,147	125,045	11,286	4,216
1911-1915.....	218,368	176,635	27,180	14,672	1928.....	189,773	177,300	8,749	3,065
1916-1920.....	171,721	35,525	99,892	36,304	1929.....	64,225	40,235	8,591	5,400
1921-1925.....	326,538	635,005	281,107	10,666	1930.....	8,731	2,440	2,058	3,632
1926-1930.....	498,704	424,221	51,106	21,374	1931.....	61,823	60,895	621	307
1931-1935.....	207,916	139,505	66,408	11,912	1932.....	68,428	66,065	1,662	196
1901.....	134,694	101,785	30,838	2,120	1933.....	13,139	12,035	896	206
1902.....	70,661	47,855	30,028	2,448	1934.....	25,052	-----	22,092	3,860
1903.....	65,510	43,684	19,874	2,251	1935.....	38,591	-----	31,237	7,344
1904.....	250,782	233,402	15,696	1,684	1936.....	46,388	-----	34,657	11,731
1905.....	58,269	49,638	6,332	2,200	1937.....	31,124	-----	22,036	9,088
1906.....	92,335	78,793	10,651	2,891	1938.....	12,718	-----	8,998	3,720
1907.....	148,128	131,097	13,178	3,042	1939.....	38,289	-----	27,913	10,370
1908.....	145,499	131,639	12,892	1,469	Total.....	6,288,584	4,526,218	1,574,809	187,557
1909.....	98,621	88,777	8,088	1,766					

Figures for periods are totals, not annual averages.

Source: Treasury Department, Bureau of the Mint; Annual Report.

## No. 242.—MONEY IN CIRCULATION, BY KIND: 1924 TO 1940

[All figures in millions and tenths of millions of dollars. For total circulation for earlier years, see table 244]

DATE	Total	Gold coin	Gold certificates	Silver dollars	Silver certificates	Treasury notes of 1890	Subsidiary silver	Minor coin	United States notes	Federal Reserve notes	Federal reserve bank notes	National bank notes
June 30:												
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.....	4,865.3	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	985.0	43.7	387.1	1.3	284.2	115.2	262.2	1,692.7	3.6	652.8
1930.....	4,622.0	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	303.0	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	482.8	718.7	30.1	352.6	1.2	256.2	113.6	280.1	2,730.2	2.7	700.9
1933.....	5,720.8	320.9	265.5	28.0	360.7	1.2	256.9	112.5	268.8	3,060.8	125.8	919.6
1934.....	5,373.5	(1)	149.7	30.0	401.5	1.2	280.4	119.1	270.0	3,088.4	141.6	901.9
1935.....	5,567.1	(1)	117.2	32.3	701.5	1.2	295.8	126.1	286.4	3,222.9	81.5	704.3
1936.....	6,241.2	(1)	100.8	35.0	954.6	1.2	316.5	134.7	278.2	4,002.2	52.0	366.1
1937.....	6,447.1	(1)	88.1	38.0	1,078.1	1.2	340.8	144.1	281.5	4,168.8	37.6	268.9
1938.....	6,460.9	(1)	78.5	39.4	1,230.2	1.2	341.9	145.6	262.2	4,114.3	30.1	217.4
1939.....	7,046.7	(1)	71.9	42.4	1,453.6	1.2	361.2	154.9	286.0	4,483.6	25.6	186.5
1940.....	7,847.5	(1)	66.8	46.0	1,581.7	1.2	384.2	169.0	247.9	5,163.3	22.4	165.2
Dec. 31:												
1938.....	6,856.4	(1)	75.2	41.6	1,339.0	1.2	357.3	151.4	257.2	4,405.3	27.6	200.6
1939.....	7,593.1	(1)	69.5	45.2	1,554.3	1.2	380.9	164.3	272.1	4,611.8	23.8	175.1

Under orders of the Secretary of the Treasury of Dec. 28, 1933, and Jan. 11 and 15, 1934, all gold coin domestically owned (with minor exceptions) was required to be delivered to the Treasurer of the United States, and under the Gold Reserve Act of 1934 (Jan. 30) withdrawn from circulation and formed into bars. Gold coin (\$287,000,000) shown on Treasury records as then outstanding was dropped from statements.

Source: Treasury Department; Annual Report of the Secretary, Circulation Statement of United States Money published monthly.

No. 243.—MONEY—STOCK, BY KIND: 1860 TO 1940

NOTE.—Amounts in thousands of dollars. Figures prior to 1890 were revised in 1925 from the best available data, but the older records, especially from 1860 through the early 70's, are not complete and figures for gold and silver for those years are only estimates. In 1927, data were revised to include minor coins beginning 1900 (no satisfactory data available for earlier years) and gold coin and bullion held abroad for Federal Reserve banks and to exclude gold earmarked for foreign account

JUNE 30 (EXCEPT AS INDI- CATED)	Total 1	Gold coin and bullion 2	Silver dollars	Subsidi- ary silver	United States notes	Fractional paper cur- rency 3	Other United States cur- rency	State- bank notes	National- bank notes	Per- centage of gold to total money
1860	442,102	214,000	-----	21,000	-----	-----	-----	207,102	-----	48.41
1865	1,180,197	189,000	-----	9,500	431,060	25,000	230,567	142,920	146,138	16.01
1870	899,876	189,500	-----	10,000	356,000	39,879	2,507	2,223	290,767	21.06
1875	925,702	121,135	4,274	28,000	375,772	42,129	551	964	354,408	13.09
1880	1,185,550	351,841	6,640	72,862	346,681	-----	-----	-----	344,505	29.68
1885	1,537,434	588,697	208,639	74,940	346,681	-----	-----	-----	318,577	38.29
1890	1,685,123	695,563	380,083	76,825	346,681	-----	-----	-----	185,971	41.28
1894	1,805,079	927,295	548,000	76,250	346,681	-----	-----	-----	206,855	34.75
1895	1,819,360	636,250	547,777	76,964	346,681	-----	-----	-----	211,601	34.97
1896	1,799,975	599,598	551,724	75,972	346,681	-----	-----	-----	226,001	33.31
1897	1,906,770	690,239	550,590	75,818	346,681	-----	-----	-----	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	563,997	74,807	346,681	-----	-----	-----	241,351	43.99
1900	2,366,220	1,034,884	560,131	82,864	346,681	26,520	-----	-----	309,640	43.71
1901	2,511,472	1,124,639	568,183	89,823	346,681	28,044	-----	-----	353,742	44.78
1902	2,593,910	1,192,695	570,135	97,184	346,681	30,643	-----	-----	356,672	45.95
1903	2,717,046	1,248,682	573,643	102,035	346,681	32,935	-----	-----	413,671	45.95
1904	2,838,023	1,327,650	572,870	107,002	346,681	34,916	-----	-----	449,235	46.78
1905	2,919,494	1,367,656	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	39,408	-----	-----	561,112	47.46
1907	3,158,111	1,406,939	568,250	130,452	346,681	42,500	-----	-----	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	47.87
1910	3,466,856	1,630,043	568,278	155,159	346,681	47,204	-----	-----	713,431	47.19
1911	3,006,989	1,753,197	565,279	159,097	346,681	51,028	-----	-----	728,195	48.61
1912	3,701,965	1,818,185	568,278	170,588	346,681	53,094	Federal Reserve notes	Federal Reserve bank notes	745,155	49.11
1913	3,777,021	1,870,762	568,273	175,196	346,681	56,951	-----	-----	759,168	49.63
1914	3,797,825	1,890,657	568,272	182,007	346,681	59,536	-----	-----	750,672	49.78
1915	4,050,783	1,985,639	568,272	185,430	346,681	61,327	84,261	-----	810,274	49.02
1916	4,541,730	2,444,636	568,271	188,890	346,681	63,909	170,168	9,000	744,175	63.53
1917	5,078,774	3,220,242	565,270	198,275	346,681	69,688	547,408	12,790	715,420	50.71
1918	6,096,237	3,162,808	499,110	231,857	346,681	78,149	1,847,580	15,444	724,205	45.80
1919	7,688,413	3,113,300	308,540	242,870	346,681	82,909	2,087,557	18,667	719,277	40.49
1920	8,168,496	2,865,482	268,857	258,855	346,681	92,479	3,405,877	20,226	719,038	35.12
1921	8,174,526	3,274,730	288,788	271,314	346,681	98,522	3,000,430	150,772	743,200	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	209,186	346,681	99,606	2,676,022	22,083	747,440	46.53
1924	8,846,542	4,488,391	503,755	277,014	346,681	102,445	2,339,048	10,696	778,012	50.74
1925	8,299,382	4,360,382	522,061	283,472	346,681	104,004	1,042,240	7,176	733,366	52.54
1926	8,428,971	4,447,397	533,401	288,923	346,681	108,891	1,995,206	5,713	702,669	52.76
1927	8,667,232	4,687,208	537,944	295,590	346,681	113,295	2,077,473	4,854	704,140	52.93
1928	8,118,091	4,109,163	539,902	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	704,204	50.64
1930	8,306,504	4,534,866	539,960	310,978	346,681	126,001	1,746,501	3,260	698,317	54.50
1931	9,070,624	4,955,921	539,958	308,019	346,681	126,887	2,101,578	2,974	697,004	54.58
1932	9,004,505	3,918,596	540,008	304,833	346,681	129,463	3,028,307	2,772	736,674	43.52
1933	10,078,417	4,317,654	540,007	298,634	346,681	129,749	3,356,866	141,326	970,001	42.84
1934	13,634,383	7,856,181	541,567	295,892	346,681	127,711	3,350,983	160,666	954,695	57.62
1935	15,113,035	9,115,643	545,371	312,416	346,681	133,040	3,492,864	84,354	766,066	60.32
1936	17,402,493	10,605,417	1,255,291	331,716	346,681	130,057	4,286,311	53,300	371,722	60.96
1937	10,376,690	12,318,271	1,352,276	358,599	346,681	150,964	4,508,973	38,472	272,164	63.57
1938	20,096,685	17,962,954	1,525,243	373,461	346,681	157,153	4,420,815	30,840	220,688	64.50
1939	23,754,736	16,110,079	1,777,064	379,812	346,681	161,147	4,763,089	26,979	189,292	67.82
1940	28,457,959	19,963,001	1,900,240	402,261	346,681	173,900	5,481,778	22,809	167,190	70.15
Dec. 31:										
1938	22,099,332	14,511,624	1,084,703	376,227	346,681	159,057	4,790,047	28,079	202,964	65.67
1939	25,850,973	17,643,577	1,845,291	399,460	346,681	168,943	5,274,523	24,276	178,222	68.17

<sup>1</sup>The totals include a duplication to the extent that United States notes, Federal Reserve notes, Federal Reserve bank notes, and national bank notes, all included in full, are in part secured by gold, also included in full. Gold certificates, silver certificates, and Treasury notes of 1890 have been excluded, however, since they are complete duplications of the equal amounts of gold or silver held as security therefor and included in the totals.

<sup>2</sup>By a proclamation of the President dated Jan. 31, 1934, the weight of the gold dollar was reduced from 25.8 to 15.5 grains of gold, 0.9 fine. The value of gold is therefore based on \$35 per fine ounce beginning June 1934; therefore, it is based on \$20.67 per fine ounce.

<sup>3</sup>There has been no fractional currency in actual circulation to any extent since 1878.

<sup>4</sup>Silver bullion in Treasury.

<sup>5</sup>Includes silver bullion as follows: June 30, 1934, \$1,560,000; June 30, 1935, \$313,309,000; June 30, 1936, \$708,211,000; June 30, 1937, \$835,196,000; June 30, 1938, \$1,037,163,000; Dec. 31, 1938, \$1,137,624,000; June 30, 1939, \$1,230,586,000; Dec. 31, 1939, \$1,298,212,000; June 30, 1940, \$1,353,162,000.



No. 244.—MONEY IN CIRCULATION, MONEY HELD IN TREASURY AND IN FEDERAL RESERVE SYSTEM, AND TOTAL STOCK: 1800 TO 1940

NOTE.—All figures except per capita in thousands of dollars. In conformity with revisions in the form of circulation statement in 1922 and 1927, figures for 1915 on have been compiled to include in the holdings of Federal Reserve banks and agents, and, hence, in stock of money, gold bullion and foreign coin held by them and gold coin and bullion held abroad for the account of Federal Reserve banks, and also to include in the holdings of Federal Reserve banks and agents, and, hence, exclude from circulation, all forms of money held by them whether as Reserve against Federal Reserve notes or otherwise. See also headnote, table 243. Per capita figures based on population estimates of the Treasury Department

JUNE 30 (EXCEPT AS INDICATED)	Stock of money in the United States <sup>1</sup>	MONEY HELD IN THE TREASURY					MONEY OUTSIDE OF THE TREASURY <sup>1</sup>		
		Total	In trust against gold and silver certifi- cates <sup>2</sup>	Gold reserve against United States notes <sup>3</sup>	Held for Federal Reserve banks and agents	All other money	Held by Federal Reserve banks and agents	In circulation	
								Amount <sup>4</sup>	Per capita (dol- lars)
1800	28,000	1,500				1,500	26,500	4.99	
1810	58,000	3,000				3,000	55,000	7.80	
1820	69,100	2,000				2,000	67,100	6.96	
1830	98,100	5,756				5,756	92,344	6.78	
1840	189,969	3,664				3,664	186,305	10.91	
1850	285,367	6,606				6,606	278,762	12.02	
1860	442,102	6,395				6,395	435,707	13.85	
1865	1,180,197	96,667				96,667	1,083,531	31.18	
1870	839,876	156,994	32,085			124,910	774,966	20.10	
1875	928,702	109,451	17,549			91,902	836,799	18.97	
1880	1,185,550	225,922	13,753	100,000		112,168	973,382	19.41	
1885	1,637,434	473,126	228,261	100,000		144,865	1,292,569	23.02	
1890	1,685,123	684,269	428,387	100,000		155,872	1,429,251	22.82	
1895	1,819,360	701,339	483,947	100,000		117,391	1,601,968	23.24	
1900	2,366,220	969,492	484,503	150,000		134,990	2,081,231	27.28	
1903	2,717,646	1,168,928	851,098	150,000		167,914	2,399,732	29.82	
1904	2,838,925	1,234,833	939,696	150,000		135,117	2,552,900	31.18	
1905	2,918,494	1,245,601	949,347	150,000		146,153	2,623,340	31.61	
1906	3,109,580	1,330,109	995,419	150,000		184,690	2,774,890	32.77	
1907	3,188,111	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	3,498,859	1,603,186	1,285,014	150,000		168,172	3,148,684	34.84	
1911	3,606,989	1,731,084	1,337,149	150,000		193,936	3,263,053	34.72	
1912	3,701,905	1,782,320	1,415,576	150,000		216,744	3,335,220	34.87	
1913	3,777,021	1,834,112	1,476,783	150,000		203,329	3,418,692	35.12	
1914	3,797,825	1,845,870	1,507,179	150,000		188,361	3,459,434	34.93	
1915	4,060,783	1,907,695	1,619,429	182,977		195,259	3,310,522	32.96	
1916	4,841,730	2,356,536	2,067,409	182,979		146,147	4,693,345	35.63	
1917	5,078,774	2,859,396	2,603,361	182,979	526,295	116,731	4,066,404	39.05	
1918	6,906,287	2,976,251	1,407,694	182,979	1,205,082	210,496	855,984	4,481,697	42.23
1919	7,685,413	2,907,812	906,673	182,979	1,416,086	432,074	1,010,636	4,876,638	45.95
1920	8,168,496	2,379,664	704,638	182,979	1,184,276	337,771	1,015,881	5,407,589	51.38
1921	8,174,628	2,821,089	919,643	182,979	1,637,857	310,610	1,262,089	4,916,992	45.29
1922	8,276,070	3,515,583	1,000,578	182,979	2,108,887	253,139	1,297,993	4,493,172	40.61
1923	8,702,788	3,821,846	1,150,193	182,979	2,288,170	233,529	1,207,836	4,823,275	43.18
1924	8,846,542	4,248,438	1,628,139	182,979	2,260,891	266,429	1,760,936	4,849,307	42.64
1925	8,209,382	4,176,381	2,069,799	183,621	1,752,744	210,217	1,367,591	4,815,205	41.73
1926	8,428,071	4,210,358	2,139,770	184,189	1,717,348	199,050	1,473,118	4,885,266	41.71
1927	8,667,382	4,156,056	2,006,205	185,421	1,712,003	195,427	1,753,110	4,851,321	40.90
1928	8,118,091	3,725,650	1,986,761	186,039	1,387,650	195,199	1,582,576	4,796,626	39.97
1929	8,538,706	3,789,888	1,954,373	186,039	1,562,426	217,049	1,856,986	4,746,297	39.08
1930	8,306,564	4,021,987	2,078,448	186,039	1,796,289	91,211	1,741,087	4,521,983	36.74
1931	9,076,824	4,227,735	2,178,103	186,039	1,770,690	98,602	2,226,059	4,821,933	38.85
1932	9,004,605	3,493,122	1,779,137	186,039	1,235,377	122,209	1,795,349	5,095,171	45.67
1933	10,078,417	3,707,692	1,910,171	186,039	1,771,486	158,446	2,271,682	5,720,764	45.49
1934	13,634,381	8,408,392	5,483,713	186,039	46,999,055	2,798,640	1,305,985	5,373,470	42.44
1935	15,113,093	9,007,862	7,131,431	186,039	46,532,590	2,709,591	1,147,422	5,507,093	43.66
1936	17,406,403	11,851,695	9,355,224	186,039	46,504,087	2,340,372	3,360,804	6,241,200	48.60
1937	19,376,680	13,685,480	10,240,964	186,039	46,030,913	3,258,477	3,454,255	6,447,056	49.88
1938	20,056,395	14,535,627	12,293,068	186,039	47,829,838	2,146,620	3,503,576	6,460,891	49.62
1939	23,754,736	17,802,671	16,299,262	186,039	47,708,118	2,407,369	3,436,467	7,046,748	53.72
1940	28,457,959	21,836,936	19,651,067	186,039	47,838,896	2,029,329	3,485,695	7,847,501	59.39
Dec. 31:									
1938	22,099,382	16,175,514	13,469,141	186,039	48,982,148	2,550,333	3,554,453	6,856,409	52.46
1939	25,880,073	19,466,246	17,067,065	186,039	49,398,680	2,253,142	3,480,069	7,598,143	57.71

<sup>1</sup> Gold and silver certificates and Treasury notes of 1890 are excluded before combining money outside of the Treasury with money in the Treasury in order to avoid duplication, since the gold and silver held in Treasury as security against these currencies is included. See also notes 1 and 2, table 243.

<sup>2</sup> Both of these items include also reserve against Treasury notes of 1890.

<sup>3</sup> See note 1, table 242.

<sup>4</sup> Includes total stock of silver dollars and subsidiary silver.

<sup>5</sup> Gold certificates. This amount is not included in the total since the gold held as security against the gold certificates is included in the column, "In trust against gold and silver certificates."

Source: Treasury Department; Annual Report of the Secretary, Circulation Statement of United States Money published monthly.

No. 245.—FEDERAL RESERVE BANKS—PRINCIPAL ASSETS: 1915 to 1939

[All figures in thousands of dollars]

BANK AND DATE	Total assets	RESERVES		RESERVE BANK CREDIT OUTSTANDING				
		Total	Gold and gold certificates	Total	Total bills and securities	Bills discounted	Bills bought in open market	United States securities
<b>All F. R. banks:</b>								
Dec. 31, 1915	696,840	555,431	542,710	109,751	84,179	32,300	23,723	15,856
Dec. 31, 1920	6,254,105	2,250,396	2,059,485	3,354,034	3,234,828	2,687,393	260,406	287,029
Dec. 31, 1925	5,109,044	2,824,371	2,701,315	1,450,172	1,395,122	642,992	374,356	374,568
Dec. 31, 1930	5,200,648	3,081,517	2,941,219	1,373,332	1,351,852	251,398	363,844	729,467
Dec. 31, 1935	11,025,800	7,835,351	7,570,801	2,485,631	2,472,733	4,672	4,656	2,430,731
June 30, 1936	11,574,073	8,384,645	8,119,491	2,472,679	2,467,445	4,082	3,077	2,430,227
Dec. 31, 1936	12,524,093	9,121,155	8,864,621	2,500,163	2,460,879	9,913	3,089	2,430,227
June 30, 1937	12,496,481	9,158,087	8,846,378	2,561,674	2,562,072	9,920	3,801	2,528,100
Dec. 31, 1937	12,879,630	9,481,015	9,129,327	2,612,136	2,592,470	9,866	540	2,564,015
June 30, 1938	14,313,643	11,040,029	10,645,316	2,595,526	2,589,287	8,214	3,871	2,564,015
Dec. 31, 1938	15,580,692	12,165,800	11,787,593	2,600,983	2,584,179	9,711	549	2,564,015
June 30, 1939	17,171,809	13,874,046	13,523,562	2,578,603	2,568,257	4,714	556	2,550,637
Dec. 30, 1939	19,027,335	15,524,217	15,209,023	2,592,667	2,592,079	6,765	-----	2,484,270
<b>Boston:</b>								
Dec. 31, 1936	839,155	575,952	555,760	179,513	178,382	1,092	225	174,190
Dec. 31, 1937	800,453	539,154	503,891	190,761	190,215	651	41	186,794
Dec. 31, 1938	908,247	696,750	660,647	196,996	194,998	41	41	192,071
Dec. 30, 1939	1,166,933	895,268	866,740	188,273	181,712	30	-----	180,381
<b>New York:</b>								
Dec. 31, 1936	4,449,750	3,505,237	3,440,426	671,533	653,447	1,146	1,100	645,243
Dec. 31, 1937	4,635,428	3,606,028	3,587,608	753,816	747,448	3,120	212	739,704
Dec. 31, 1938	6,276,548	5,221,095	5,117,171	833,308	820,561	1,045	215	815,422
Dec. 30, 1939	8,351,678	7,298,769	7,227,053	822,310	775,920	2,348	-----	771,637
<b>Philadelphia:</b>								
Dec. 31, 1936	803,759	520,960	495,502	214,063	214,305	313	317	208,990
Dec. 31, 1937	790,418	502,331	475,391	223,547	222,688	1,153	55	216,853
Dec. 31, 1938	899,972	576,918	547,607	224,046	227,114	1,777	66	252,761
Dec. 30, 1939	1,176,352	873,603	847,133	216,536	215,442	663	-----	212,695
<b>Cleveland:</b>								
Dec. 31, 1936	1,038,809	680,472	665,995	253,991	247,305	28	294	245,769
Dec. 31, 1937	1,028,127	700,416	672,794	254,110	251,193	673	50	243,591
Dec. 31, 1938	1,154,703	808,443	781,692	258,212	258,734	245	51	257,820
Dec. 30, 1939	1,422,007	1,050,066	1,028,726	271,038	260,192	656	-----	259,222
<b>Richmond:</b>								
Dec. 31, 1936	516,757	319,670	302,005	129,767	128,440	163	121	125,510
Dec. 31, 1937	519,200	320,965	295,046	138,422	136,782	595	23	134,596
Dec. 31, 1938	559,972	379,784	357,867	125,910	122,018	207	24	120,321
Dec. 30, 1939	632,001	426,761	406,538	136,215	130,074	272	-----	128,854
<b>Atlanta:</b>								
Dec. 31, 1936	400,687	266,586	252,148	99,983	99,727	31	108	99,188
Dec. 31, 1937	394,745	249,282	232,108	114,178	113,545	90	30	112,238
Dec. 31, 1938	429,149	291,376	275,850	109,255	105,552	186	19	104,522
Dec. 30, 1939	461,016	318,237	301,576	104,691	101,296	120	-----	100,392
<b>Chicago:</b>								
Dec. 31, 1936	2,091,963	1,695,557	1,664,960	287,937	285,787	35	385	283,933
Dec. 31, 1937	2,186,479	1,804,394	1,760,703	282,953	282,985	229	65	281,991
Dec. 31, 1938	2,639,536	2,252,400	2,200,843	276,615	277,001	129	68	276,389
Dec. 30, 1939	2,904,322	2,496,192	2,456,286	273,141	274,113	643	-----	275,146
<b>St. Louis:</b>								
Dec. 31, 1936	428,337	273,416	256,951	116,755	116,359	40	86	115,809
Dec. 31, 1937	446,552	299,352	283,247	112,237	112,740	23	3	112,483
Dec. 31, 1938	480,903	337,307	317,673	105,339	100,850	45	2	106,791
Dec. 30, 1939	559,813	432,453	414,670	87,140	84,434	201	-----	84,222
<b>Minneapolis:</b>								
Dec. 31, 1936	298,052	184,211	176,910	91,555	91,842	10	61	90,707
Dec. 31, 1937	302,394	195,866	189,193	83,821	83,823	175	2	83,009
Dec. 31, 1938	328,698	249,844	242,058	57,326	57,915	134	2	56,815
Dec. 30, 1939	361,632	268,053	258,785	72,883	68,450	266	-----	67,441
<b>Kansas City:</b>								
Dec. 31, 1936	436,365	268,939	254,882	128,563	126,758	22	87	125,855
Dec. 31, 1937	461,371	291,812	267,252	128,043	126,829	1,086	16	125,263
Dec. 31, 1938	472,747	319,624	304,851	115,334	114,173	641	16	112,248
Dec. 30, 1939	520,060	366,748	349,330	116,430	113,816	931	-----	112,204
<b>Dallas:</b>								
Dec. 31, 1936	308,844	177,255	170,560	101,956	102,061	12	87	100,637
Dec. 31, 1937	328,614	196,217	182,058	99,719	100,736	43	16	99,731
Dec. 31, 1938	340,923	225,089	210,689	93,446	95,073	24	16	94,258
Dec. 30, 1939	379,512	267,819	242,560	92,125	90,695	150	-----	90,045
<b>San Francisco:</b>								
Dec. 31, 1935	912,206	648,190	627,922	224,547	216,457	21	218	214,396
Dec. 31, 1937	985,849	715,199	683,023	230,520	223,680	158	38	221,662
Dec. 31, 1938	1,053,337	807,167	777,555	208,196	204,181	97	30	202,697
Dec. 30, 1939	1,091,364	840,248	809,626	211,885	205,435	396	-----	204,131

<sup>1</sup> Includes, in addition to total bills and securities, amounts due from foreign banks and Reserve bank float.  
<sup>2</sup> Includes municipal warrants, industrial advances, etc., not listed separately.

Source: Board of Governors of the Federal Reserve System, Annual Report and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

## No. 246.—FEDERAL RESERVE BANKS—PRINCIPAL LIABILITIES: 1915 TO 1939

[All figures, except reserve percentages, in thousands of dollars]

BANK AND DATE	Capital	Surplus <sup>1</sup>	DEPOSIT LIABILITY		Federal Reserve note circulation	Federal Reserve bank notes <sup>2</sup>	Reserve percentage
			Total	Members' reserve			
<b>All F. R. banks:</b>							
Dec. 31, 1915.....	54,914		\$ 401,826	\$ 401,175	182,817		94.1
Dec. 31, 1920.....	99,821	202,086	1,861,498	1,780,679	3,336,281	216,641	43.3
Dec. 31, 1925.....	117,237	220,310	2,257,888	2,212,098	1,833,154		69.0
Dec. 31, 1930.....	169,640	274,636	2,517,133	2,470,583	1,668,638		73.7
Dec. 31, 1935.....	130,512	169,736	6,885,809	6,587,208	3,709,074		77.6
June 30, 1936.....	130,917	172,014	6,584,729	6,332,735	4,034,482		79.0
Dec. 31, 1936.....	130,836	173,044	7,108,919	6,606,480	4,283,537		80.1
June 30, 1937.....	132,302	173,344	7,278,172	6,900,288	4,206,677		79.7
Dec. 31, 1937.....	132,744	176,422	7,576,692	7,026,809	4,283,611		79.9
June 30, 1938.....	133,573	175,422	9,245,688	8,023,527	4,148,637		82.4
Dec. 31, 1938.....	134,575	176,416	10,087,998	8,724,050	4,451,824		83.7
June 30, 1939.....	135,039	176,416	11,701,174	10,018,498	4,511,116		85.6
Dec. 30, 1939.....	135,590	178,559	12,940,781	11,653,232	4,958,546		86.7
<b>Boston:</b>							
Dec. 31, 1936.....	9,385	12,700	373,372	353,497	361,758		78.3
Dec. 31, 1937.....	9,386	12,774	426,166	402,354	285,413		75.8
Dec. 31, 1938.....	9,411	12,957	492,220	392,294	384,130		76.5
Dec. 30, 1939.....	9,384	13,279	658,262	544,645	403,195		83.9
<b>New York:</b>							
Dec. 31, 1936.....	50,590	59,218	3,183,684	2,942,652	921,697		85.4
Dec. 31, 1937.....	51,068	69,687	3,361,083	3,071,762	964,902		84.7
Dec. 31, 1938.....	51,043	69,920	4,932,483	4,460,340	1,029,296		87.6
Dec. 30, 1939.....	50,972	60,435	6,760,862	6,319,837	1,269,922		90.9
<b>Philadelphia:</b>							
Dec. 31, 1936.....	12,211	17,677	398,896	381,210	312,078		73.3
Dec. 31, 1937.....	12,258	17,877	385,409	365,046	318,033		71.4
Dec. 31, 1938.....	12,213	18,112	458,830	374,231	320,562		74.0
Dec. 30, 1939.....	12,115	18,591	719,877	598,697	348,938		81.7
<b>Cleveland:</b>							
Dec. 31, 1936.....	12,664	15,330	500,110	451,331	418,454		74.7
Dec. 31, 1937.....	13,086	15,330	501,702	470,054	432,328		74.9
Dec. 31, 1938.....	13,546	15,330	619,753	477,880	427,467		77.2
Dec. 30, 1939.....	13,830	15,330	839,402	680,194	463,123		80.6
<b>Richmond:</b>							
Dec. 31, 1936.....	4,719	8,291	232,428	215,791	208,787		72.5
Dec. 31, 1937.....	4,896	8,373	242,513	220,566	209,905		70.9
Dec. 31, 1938.....	5,005	8,276	290,692	231,578	208,287		76.1
Dec. 30, 1939.....	5,171	8,493	328,674	282,968	229,550		74.0
<b>Atlanta:</b>							
Dec. 31, 1936.....	4,272	6,370	171,148	158,750	189,101		76.5
Dec. 31, 1937.....	4,401	6,356	195,881	181,212	162,016		69.7
Dec. 31, 1938.....	4,495	6,343	240,967	188,709	151,398		74.3
Dec. 30, 1939.....	4,621	6,438	255,318	211,821	162,941		76.1
<b>Chicago:</b>							
Dec. 31, 1936.....	12,324	22,620	984,855	935,159	963,398		87.0
Dec. 31, 1937.....	12,920	23,816	1,062,028	1,011,438	993,362		87.8
Dec. 31, 1938.....	13,488	24,095	1,602,037	1,290,880	996,721		90.1
Dec. 30, 1939.....	13,494	24,253	1,654,213	1,528,702	1,085,378		91.1
<b>St. Louis:</b>							
Dec. 31, 1936.....	3,782	5,200	200,806	182,277	183,580		71.1
Dec. 31, 1937.....	3,863	5,212	224,785	204,984	182,088		73.6
Dec. 31, 1938.....	3,946	5,230	255,974	209,543	183,131		75.8
Dec. 30, 1939.....	4,073	5,247	321,949	270,676	193,549		83.9
<b>Minneapolis:</b>							
Dec. 31, 1936.....	2,948	4,119	133,823	120,530	136,096		68.2
Dec. 31, 1937.....	2,893	4,154	137,568	126,011	137,570		71.2
Dec. 31, 1938.....	2,903	4,154	165,228	113,568	136,867		82.7
Dec. 30, 1939.....	2,981	4,153	194,601	154,783	141,427		79.7
<b>Kansas City:</b>							
Dec. 31, 1936.....	3,982	4,755	229,976	218,402	162,081		68.4
Dec. 31, 1937.....	4,001	4,755	248,312	233,775	167,924		70.1
Dec. 31, 1938.....	4,212	4,755	259,942	227,796	171,390		74.1
Dec. 30, 1939.....	4,314	4,755	266,639	260,687	183,908		76.3
<b>Dallas:</b>							
Dec. 31, 1936.....	3,825	5,113	179,067	168,143	91,863		65.0
Dec. 31, 1937.....	3,891	5,162	202,282	190,570	86,374		68.4
Dec. 31, 1938.....	3,961	5,158	230,366	183,468	81,375		72.2
Dec. 30, 1939.....	4,066	5,240	259,395	216,794	83,575		75.2
<b>San Francisco:</b>							
Dec. 31, 1936.....	10,169	11,341	520,664	478,088	334,544		75.8
Dec. 31, 1937.....	10,046	11,926	588,063	549,087	342,604		76.8
Dec. 31, 1938.....	10,352	12,086	639,497	564,765	361,210		80.7
Dec. 30, 1939.....	10,628	12,345	651,699	683,593	388,040		80.8

<sup>1</sup> Includes surplus sec. 13 (b) beginning December 1934.<sup>2</sup> Net liability.<sup>3</sup> Net deposits.<sup>4</sup> Due to member banks—net.

Source: Board of Governors of the Federal Reserve System, Annual Report and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

No. 247.—FEDERAL RESERVE BANKS—HOLDINGS OF UNITED STATES SECURITIES, AS OF DEC. 31: 1928 TO 1939

[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
<b>All F. R. banks:</b>					<b>Richmond:</b>				
1928	228.1	53.9	106.0	68.2	1938	120.3	39.5	54.3	26.6
1929	510.6	76.8	215.8	218.2	1939	128.9	70.1	58.8	-----
1930	720.5	163.8	226.5	339.2	<b>Atlanta:</b>				
1931	817.0	300.4	33.0	423.6	1938	104.5	34.3	47.2	23.1
1932	1,855.1	421.9	299.7	1,133.6	1939	100.4	54.0	45.8	-----
1933	2,437.5	443.3	1,053.3	940.9	<b>Chicago:</b>				
1934	2,430.3	395.7	1,507.1	527.5	1938	276.4	90.6	124.7	61.0
1935	2,430.7	216.2	1,641.6	573.0	1939	273.1	148.5	124.6	-----
1936	2,430.2	400.6	1,341.0	568.6	<b>St. Louis:</b>				
1937	2,564.0	751.5	1,155.0	657.5	1938	106.8	35.0	48.2	23.6
1938	2,564.0	840.9	1,156.9	566.2	1939	84.2	45.8	38.4	-----
1939	2,484.3	1,351.0	1,133.2	-----	<b>Minneapolis:</b>				
<b>Boston:</b>					1938	56.8	18.6	25.6	12.5
1938	193.0	63.3	87.1	42.6	1939	87.4	30.7	30.8	-----
1939	180.4	98.1	82.3	-----	<b>Kansas City:</b>				
<b>New York:</b>					1938	113.2	37.1	51.1	25.0
1938	815.4	267.4	367.9	180.1	1939	112.2	61.0	51.2	-----
1939	771.5	419.6	351.0	-----	<b>Dallas:</b>				
<b>Philadelphia:</b>					1938	94.3	30.9	42.5	20.8
1938	222.8	73.1	100.5	49.2	1939	90.0	49.0	41.1	-----
1939	212.7	115.7	97.0	-----	<b>San Francisco:</b>				
<b>Cleveland:</b>					1938	202.7	66.5	91.5	44.8
1938	257.8	84.6	116.3	56.9	1939	204.1	111.0	93.1	-----
1939	259.2	141.0	118.2	-----					

No. 248.—FEDERAL RESERVE BANKS—HOLDINGS OF DISCOUNTED BILLS, BY CLASS AND BY MATURITY: 1928 TO 1939

[All figures in thousands of dollars]

DEC. 31--	Total (all classes)	REDISCOUNTED BILLS		MEMBER BANK COLLATERAL NOTES			Discounts for individuals, partnerships, and corporations
		Secured by U. S. Govt. obligations direct or fully guaranteed	Otherwise secured and unsecured	Secured by U. S. Govt. obligations direct or fully guaranteed	Secured by other collateral	Secured by bills and securities not eligible for discount or purchase <sup>1</sup>	
1928	1,056,466	974	216,677	658,242	180,573	-----	-----
1929	632,421	755	173,286	352,773	105,607	-----	-----
1930	251,398	447	99,662	88,990	62,299	-----	-----
1931	638,293	3,591	214,905	317,535	102,262	-----	-----
1932	234,932	1,000	91,301	60,000	67,956	13,974	701
1933	97,590	338	19,887	26,891	31,246	18,824	404
1934	7,062	-----	657	3,470	1,214	1,647	74
1935	4,672	-----	731	1,538	803	1,594	6
1936	2,913	-----	316	2,185	37	374	1
1937	9,866	5	1,826	6,476	676	883	-----
1938	3,971	-----	915	2,099	437	520	-----
1939	6,765	-----	5,899	549	224	68	25

DATE	Total	MATURITY OF DISCOUNTED BILLS					
		Within 15 days	16 to 30 days	31 to 60 days	61 to 90 days	90 days	Average for year <sup>2</sup>
Dec. 26, 1928	1,167,579	1,012,581	38,749	69,509	38,616	18,124	6.78
Dec. 31, 1929	632,421	508,072	36,331	48,742	25,932	13,344	8.00
Dec. 31, 1930	251,398	176,501	17,659	26,966	19,459	11,813	10.27
Dec. 30, 1931	1,023,883	861,308	39,895	61,106	51,407	20,167	11.03
Dec. 28, 1932	267,382	187,581	20,288	29,013	19,503	10,997	11.49
Dec. 27, 1933	110,562	82,787	5,913	8,890	11,748	1,214	9.84
Dec. 26, 1934	9,281	7,281	404	884	638	74	13.14
Dec. 31, 1935	4,672	2,115	185	176	1,628	568	7.49
Dec. 30, 1936	6,377	4,737	171	161	302	6	13.32
Dec. 29, 1937	12,847	10,697	395	582	414	750	12.01
Dec. 28, 1938	6,980	5,845	321	202	175	437	15.79
Dec. 27, 1939	8,051	1,807	230	1,598	3,787	629	20.91

<sup>1</sup> Section 10 (b) of the Federal Reserve Act.

<sup>2</sup> Represents average maturity (in days) of all time bills discounted during year.

Source of tables 247 and 248: Board of Governors of the Federal Reserve System, Annual Report and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

**No. 249.—INDUSTRIAL ADVANCES AND COMMITMENTS UNDER SECTION 13B OF THE FEDERAL RESERVE ACT, JUNE 19, 1934, TO DECEMBER 27, 1939**

(Amounts in thousands of dollars)

YEAR	APPLICATIONS RECEIVED TO DATE, NET		APPLICATIONS RECOMMENDED FOR APPROVAL BY INDUSTRIAL ADVISORY COMMITTEES TO DATE		APPLICATIONS APPROVED TO DATE BY FEDERAL RESERVE BANKS (WITH AND WITHOUT CONDITIONS)							
	Number	Amount	Number	Amount	Total		Federal Reserve bank advances outstanding <sup>1</sup>	Federal Reserve bank commitments outstanding	Approved but not completed <sup>2</sup>	Repaid, expired, or withdrawn by applicant, etc.	Financing institution participations outstanding <sup>3</sup>	
					Number	Amount						
Total to:												
Dec. 26, 1934.....	5,053	187,696	1,122	54,531	984	49,634	13,589	3,225	20,066	5,568	1,206	
Dec. 31, 1935.....	7,015	300,703	2,176	132,460	1,958	124,493	32,493	27,049	11,548	44,025	3,778	
Dec. 30, 1936.....	8,379	342,039	2,500	149,204	2,280	139,829	25,526	20,959	3,226	77,910	7,308	
Dec. 29, 1937.....	8,677	363,292	2,040	168,743	2,406	150,937	20,216	12,780	3,359	107,384	7,238	
Dec. 28, 1938.....	9,336	398,898	2,040	181,956	2,653	175,013	17,845	14,161	1,946	128,830	12,722	
Dec. 27, 1939.....	9,557	414,414	3,055	194,370	2,781	188,222	13,653	9,220	2,659	151,679	10,981	

<sup>1</sup> Includes industrial advances past due 3 months or more which are not included in industrial advances in the weekly statement of condition of the Federal Reserve banks.

<sup>2</sup> Includes applications approved conditionally by the Federal Reserve banks and under consideration by applicant.

<sup>3</sup> Does not include financing institution guaranties of advances and commitments made by Federal Reserve banks, which were outstanding in the amount of \$1,381,187 on Dec. 27, 1939.

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

**No. 250.—FEDERAL RESERVE BANKS—DISCOUNT RATES<sup>1</sup> IN EFFECT JAN. 1, 1933, AND CHANGES TO JUNE 28, 1940**

MONTH ESTABLISHED	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
Rediscounts for and advances to member banks under secs. 13 and 13 (a) of the Federal Reserve Act (except last paragraph of sec. 13)												
In effect Jan. 1, 1933.....	3½	2½	3½	3½	3½	3½	2½	3½	3½	3½	3½	3½
1933—Mar.....		3½										
Apr.....		3										
May.....		2½					3					
June.....	3		3	3				3				3
Oct.....		2		2½			2½					
Nov.....	2½		2½									2½
1934—Feb.....	2	1½		2	3	3		2½		3	3	2½
Mar.....									3			
Dec.....							2½			2½		
1935—Jan.....			2		2½	2	2	2	2½		2½	
May.....				1½	2	2	2	2	2	2	2	
1937—Aug.....		1			1½	1½	1½		1½		1½	1½
Sept.....	1½		1½					( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1½
1939—Sept.....	1							( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1½
In effect June 28, 1940.....	1	1	1½	1½	1½	2 1½	2 1½	2 1½	1½	2 1½	2 1½	1½
Advances to member banks under sec. 10 (b) of the Federal Reserve Act (added by act of Feb. 27, 1932)												
1933—Jan. <sup>1</sup> .....	5	5	5	5	5	5	5	5	5	5	5	5
July.....	4½	4½	4½			4½	4½					4½
Aug.....				4½								
Oct.....	4	4	4	4			4	4½				4
Dec.....												
1934—Mar.....					4½					4		4½
July.....											4	
1936—Jan.....		2½								4		
Aug.....						4						
Sept.....	2½				2½	2½	2½			2½		2½
Oct.....		2		2				2½	2½			2½
Nov.....			2½									2½
1937—Aug.....						2	2		2		2	
Sept.....	2		2		2		2		2		2	2
In effect June 28, 1940.....	2	2	2	2	2	2	2	2	2	2	2	2

For footnotes, see p. 247.

No. 250.—FEDERAL RESERVE BANKS—DISCOUNT RATES IN EFFECT JAN. 1, 1933, AND CHANGES TO JUNE 23, 1940—Continued

MONTH ESTABLISHED	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
Advances to individuals, partnerships, and corporations, secured by direct obligations of United States (last paragraph of sec. 13 of the Federal Reserve Act, added by act of Mar. 9, 1933)												
1933—Mar.....	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½
Apr.....	4	4	4	4	4	4	4	4	4½	4	4	4
Oct.....	4	4	4	4	4	4	4	4	4½	4	4	4
1934—Feb.....		3½			4					4		
Mar.....						4					4	
1935—Feb.....								4				
May.....				3½						3½		
1938—Apr.....	2½					2½				2½	2½	
Oct.....									3			
1939:												
To banks—												
Aug.....		1										
Sept.....	1		1½	4½	1½	1	1	1	1½	1	1	1½
To others—												
Sept.....			2½									
In effect June 23, 1940:												
To banks..	1	1	1½	4½	1½	1	1	1	1½	1	1	1½
To others..	2½	3½	2½	3½	4	2½	4	4	3	2½	2½	4

<sup>1</sup> For rates for 1914 to 1921, see Statistical Abstract 1923, table 249; for 1922 to 1932, Statistical Abstract 1933, table 232. For rates on industrial advances authorized by sec. 13b of the Federal Reserve Act, which are not shown in this table, see source.

<sup>2</sup> 1 percent on rediscounts and advances secured by direct and eligible guaranteed obligations of the United States.

<sup>3</sup> Prior to Jan. 1, 1933, the rate of 5½ percent was specified for each advance under sec. 10 (b).

<sup>4</sup> Rate of 2½ percent to other lenders (than banks).

Source: Board of Governors of the Federal Reserve System, Annual Report and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

No. 251.—FEDERAL RESERVE BANKS—AVERAGE ANNUAL RATE OF EARNINGS ON BILLS AND SECURITIES: 1924 to 1939

BANK AND YEAR	AVERAGE ANNUAL RATE (PERCENT) ON—				BANK AND YEAR	AVERAGE ANNUAL RATE (PERCENT) ON—			
	All classes <sup>1</sup>	Dis-counted bills	Pur-chased bills	U. S. securi-ties		All classes <sup>1</sup>	Dis-counted bills	Pur-chased bills	U. S. securi-ties
1924.....	3.83	4.28	3.31	3.67	1932.....	2.33	3.43	3.93	1.84
1925.....	3.51	3.68	3.17	3.56	1933.....	1.98	3.23	1.49	1.83
1926.....	3.76	3.97	3.55	3.60	1934.....	1.91	3.41	.87	1.90
1927.....	3.60	3.83	3.49	3.41	1935.....	1.68	2.14	.73	1.04
1928.....	4.24	4.56	3.97	3.64	1936.....	1.49	1.70	.81	1.45
1929.....	4.86	5.03	5.00	3.93	1937.....	1.59	1.64	.71	1.56
1930.....	3.25	3.93	2.85	3.06	1938.....	1.37	1.42	.48	1.34
1931.....	2.20	3.01	2.04	1.86	1939.....	1.44	1.20	.45	1.43

<sup>1</sup> Covers, besides classes specified, earnings on industrial advances and small amounts of municipal warrants, Federal intermediate credit bank debentures, and Federal land bank bonds.

Source: Board of Governors of the Federal Reserve System, Annual Report.

**NO. 252.—FEDERAL RESERVE BANKS—VOLUME OF OPERATIONS IN PRINCIPAL DEPARTMENTS: 1935 TO 1939**

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

BANK AND YEAR	Bills dis- counted	Bills pur- chased in open market for own account	Indus- trial ad- vances	Currency and coin received and counted	Checks handled	COLLECTION ITEMS HANDLED		U. S. Govt. obligations— issues, redemptions, and exchanges by fiscal agent department	Transfers of funds
						U. S. Govern- ment coupons paid	All other		
<b>All F. R. banks:</b>									
1935.....	229.5	31.4	28.5	10,113.2	202,980.7	751.9	7,948.6	84,101.7	80,483.1
1936.....	167.6	25.2	8.5	10,335.9	234,417.8	798.9	7,080.0	27,419.9	87,001.6
1937.....	533.1	25.3	4.9	10,487.3	255,453.6	865.5	6,159.8	20,995.9	94,596.8
1938.....	237.2	2.8	6.5	9,154.9	231,820.2	854.8	5,321.4	27,032.4	82,219.7
1939.....	87.0	2.1	3.8	9,562.5	255,938.0	890.6	5,442.6	28,990.9	88,080.8
Boston.....	9.2	.1	.8	743.2	15,654.7	58.3	391.4	853.9	3,437.0
New York.....	36.6	.8	.3	3,391.2	76,502.4	645.5	1,733.2	20,101.7	29,077.8
Philadelphia.....	10.3	.2	1.6	703.1	24,237.7	50.4	197.4	518.2	3,107.1
Cleveland.....	3.7	.2	.1	629.4	25,782.6	52.7	308.3	614.1	3,227.2
Richmond.....	8.0	.1	.1	476.7	13,720.1	16.9	245.7	333.8	5,372.9
Atlanta.....	2.4	.1	.2	416.1	12,738.2	8.2	204.9	173.5	2,445.9
Chicago.....	2.0	.3	.2	1,376.3	34,116.6	75.2	841.2	4,212.4	18,329.0
St. Louis.....	2.0			304.3	13,959.1	17.8	360.7	565.5	3,564.3
Minneapolis.....	1.2		.3	183.3	5,501.3	12.8	351.7	324.6	1,085.8
Kansas City.....	5.5	.1		234.4	11,427.1	17.4	315.3	390.2	4,486.7
Dallas.....	2.4	.1		196.4	8,564.3	7.2	221.3	312.1	4,202.9
San Francisco.....	3.1	.1	.2	793.1	13,733.9	28.2	221.0	599.9	8,754.2

1 Revised.

**NO. 253.—FEDERAL RESERVE BANKS—OPERATIONS OF BRANCHES: 1935 TO 1939**

[All figures in thousands of dollars]

FEDERAL RESERVE BRANCH AND YEAR	Bills dis- counted and bought 1	Currency and coin re- ceived and counted	Checks handled	NONCASH COLLECTION ITEMS HANDLED		Transfers of funds	Fiscal agency— issues, redemptions, and exchanges of U. S. obligations
				Government coupons	All other		
<b>All branches:</b>							
1935.....	18,286	2,362,111	40,995,681	91,553	1,485,723	14,981,665	816,594
1936.....	12,611	2,461,429	58,324,415	83,021	1,582,508	15,388,765	527,500
1937.....	34,536	2,464,099	63,721,272	95,231	1,366,779	18,282,590	417,830
1938.....	27,155	2,122,987	55,733,763	83,054	1,203,748	15,546,419	392,126
1939.....	10,747	2,248,156	63,187,905	83,989	1,228,703	17,028,177	407,458
No. 2. Buffalo.....	877	145,119	2,538,014	1,704	36,831	832,857	1,502
No. 4. Cincinnati.....		118,037	4,763,002	11,755	80,456	388,521	30,547
Pittsburgh.....		203,182	11,414,973	18,166	50,317	817,248	122,523
No. 5. Baltimore.....	1,286	184,832	4,331,772	11,975	143,406	903,767	163,978
Charlotte.....		60,844	2,093,793	376	21,312	1,403,553	
No. 6. Birmingham.....		44,443	1,817,493	369	21,869	129,805	552
Jacksonville.....		93,704	2,347,205	761	29,316	225,983	358
Nashville.....		40,493	1,628,208	623	36,066	122,593	1,197
New Orleans.....	509	89,116	1,868,364	2,581	96,767	364,817	32,030
No. 7. Detroit.....	777	329,439	6,725,151	5,911	164,873	3,181,227	8,466
No. 8. Little Rock.....	160	32,481	1,145,061	332	59,465	224,998	801
Louisville.....	756	59,018	2,627,843	3,880	50,402	441,979	2,644
Memphis.....	87	53,338	1,311,670	753	41,780	561,444	2,887
No. 9. Helena.....	111	16,650	534,127	442	13,677	195,827	
No. 10. Denver.....	1,090	57,285	2,263,324	2,884	49,623	641,784	5,218
Oklahoma City.....		43,399	2,041,560	824	27,235	411,773	2,325
Omaha.....	3,786	39,764	1,885,859	2,234	79,912	768,125	3,071
No. 11. El Paso.....	161	15,517	472,029	205	9,968	133,584	
Houston.....		43,012	2,042,695	1,661	60,908	1,383,345	
San Antonio.....	155	38,468	1,237,981	805	52,819	482,422	
No. 12. Los Angeles.....	663	287,761	3,711,532	10,238	56,342	2,200,791	19,552
Portland.....		48,207	1,553,369	1,936	30,790	492,695	2,566
Salt Lake City.....	503	30,231	1,223,964	1,114	22,921	385,845	739
Seattle.....	20	83,566	1,608,886	2,560	21,793	648,294	9,972

1 Not including industrial advances.

2 Revised.

Source of tables 252 and 253: Board of Governors of the Federal Reserve System, Annual Report and official records.

No. 254.—FEDERAL RESERVE AGENTS' GOLD-CERTIFICATE FUND—SUMMARY OF TRANSACTIONS: 1922 TO 1939

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

FEDERAL RESERVE AGENT AT—	Balance Jan. 1	Withdrawals <sup>1</sup>	Deposits <sup>1</sup>	Transfers to bank	Transfers from bank	Balance Dec. 31
<b>All F. R. banks:</b>						
1922	1,394.9	924.0	402.9	609.5	1,826.8	1,681.1
1923	1,681.1	755.0	148.5	568.7	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	508.2	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	368.5	149.9	1,500.6	2,210.2	1,262.0
1930	1,262.0		.5	1,101.7	947.8	1,109.4
1931	1,109.4	1.0	1.3	1,678.5	1,819.5	1,250.7
1932	1,250.7		4.0	3,101.6	3,084.5	1,237.6
1933	1,237.6		4.0	4,030.3	3,938.5	1,149.7
1934	1,149.7		1.0	1,008.3	2,458.3	2,605.7
1935	2,605.7		.5	864.0	2,223.7	3,955.8
1936	3,955.8			1,810.3	1,158.2	3,313.8
1937	3,313.8			326.7	436.5	3,423.6
1938	3,423.6			349.0	508.4	3,583.0
1939	3,583.0			215.5	698.5	4,068.0
Boston	420.0				20.0	440.0
New York	655.0			120.0	350.0	385.0
Philadelphia	345.0				30.0	375.0
Cleveland	457.0			24.5	58.5	491.0
Richmond	280.0			25.0	45.0	250.0
Atlanta	169.0				11.0	180.0
Chicago	250.0			15.0	105.0	340.0
St. Louis	207.0			11.0	13.0	209.0
Minneapolis	143.5			4.0	8.0	147.5
Kansas City	185.0			5.0	15.0	195.0
Dallas	92.5			11.0	13.0	94.5
San Francisco	420.0				30.0	450.0

<sup>1</sup> 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 1920.

Source: Board of Governors of the Federal Reserve System, official records.

No. 255.—FEDERAL RESERVE INTERDISTRICT SETTLEMENT FUND—SUMMARY OF TRANSACTIONS: 1922 TO 1939

[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				
1922	522.1	75,336.0	(1)	1,154.0	1,793.0	1,825.3	554.4
1923	554.4	89,614.7	(1)	1,639.2	1,764.3	1,781.1	571.1
1924	571.1	97,698.3	(1)	919.6	1,921.8	2,030.2	679.5
1925	679.5	108,289.5	(1)	909.0	1,779.0	1,788.6	689.2
1926	689.2	115,465.3	635.8	1,043.4	3,023.2	3,005.3	665.3
1927	665.3	123,031.5	673.2	1,436.7	3,797.3	3,660.3	528.0
1928	528.0	132,525.2	668.4	1,172.6	2,855.6	3,014.4	687.0
1929	687.0	145,132.4	768.7	1,052.1	3,160.3	2,984.6	511.2
1930	511.2	151,458.8	669.4	1,530.2	2,063.8	1,970.0	417.4
1931	417.4	124,137.3	540.1	1,905.0	2,729.0	2,625.7	314.1
1932	314.1	89,527.6	545.4	1,648.4	4,156.6	4,182.8	340.3
1933	340.3	75,725.4	614.4	2,575.0	4,548.6	4,826.5	618.2
1934	618.2	80,816.0	602.9	2,084.0	2,016.4	3,110.5	1,718.3
1935	1,718.3	91,026.6	644.0	1,472.0	2,277.5	4,131.2	3,572.0
1936	3,572.0	102,073.7	786.9	1,869.0	4,028.7	3,170.3	2,722.6
1937	2,722.6	107,167.0	890.7	2,601.5	468.5	626.7	2,880.8
1938	2,880.8	93,174.3	771.2	1,553.0	537.9	3,046.4	5,880.3
1939	5,880.3	102,061.5	743.7	1,120.0	727.1	3,055.5	8,317.7

<sup>1</sup>Included in transit clearings.

Source: Board of Governors of the Federal Reserve System, official records.



**No. 256.—FEDERAL RESERVE INTERDISTRICT SETTLEMENT FUND—SUMMARY OF TRANSACTIONS, BY DISTRICTS: 1939**

[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					
<b>Total</b> .....	5,389.3	102,061.5	102,061.5	743.7	743.7	1,120.0	1,120.0	727.1	3,655.5	8,317.7
Boston.....	240.3	6,884.7	7,175.0	63.4	60.6	80.0	80.0	22.0	10.0	425.8
New York.....	2,460.9	31,064.5	30,789.7	155.1	169.4	25.0	570.0	358.0	1,951.0	4,340.4
Philadelphia.....	201.5	7,978.6	8,227.8	69.2	69.6	15.0	5.0	32.0	62.0	471.1
Cleveland.....	326.9	8,074.7	8,612.4	87.9	61.3	255.0	-----	60.6	24.5	556.9
Richmond.....	126.6	7,113.4	7,124.9	57.1	55.1	10.0	-----	10.0	75.0	155.6
Atlanta.....	106.3	4,080.7	3,728.2	32.3	76.8	-----	80.0	12.5	255.0	120.8
Chicago.....	1,150.2	14,086.2	14,923.5	108.0	93.7	710.0	65.0	107.5	75.0	1,315.7
St. Louis.....	109.8	6,217.7	6,070.3	38.9	53.9	5.0	95.0	13.5	151.0	204.9
Minneapolis.....	98.0	2,341.1	2,169.0	25.2	24.4	5.0	50.0	8.0	149.0	111.1
Kansas City.....	118.9	5,228.0	4,991.8	42.8	29.9	-----	65.0	15.5	235.0	153.4
Dallas.....	118.0	4,358.1	4,226.2	27.5	21.6	15.0	55.0	13.5	141.0	147.7
San Francisco.....	331.9	4,652.9	4,022.7	36.3	47.4	-----	125.0	30.5	527.0	334.3

Source: Board of Governors of the Federal Reserve System, official records.

**No. 257.—FEDERAL RESERVE BANKS—PROFIT AND LOSS STATEMENT: 1926 TO 1939**

[All figures in thousands of dollars]

BANK AND YEAR	Gross earnings	Net earnings	Dividend payments	Franchise tax to government <sup>1</sup>	Paid U. S. Treasury (sec. 13-b)	Carried to surplus	Capital and surplus, Dec. 31
<b>All Federal Reserve banks:</b>							
1926.....	47,000	16,612	7,329	818	-----	8,464	353,589
1927.....	43,024	13,048	7,754	250	-----	5,044	365,800
1928.....	64,053	32,122	8,488	2,585	-----	21,079	401,334
1929.....	70,956	36,403	9,684	4,283	-----	22,530	447,909
1930.....	36,424	7,988	10,269	17	-----	2,498	444,276
1931.....	29,701	2,972	10,030	-----	-----	7,058	419,989
1932.....	50,019	22,314	9,282	2,011	-----	11,021	429,891
1933.....	49,487	7,957	8,874	-----	-----	917	422,375
1934.....	48,968	15,231	8,782	-----	-----	6,450	299,687
1935.....	42,752	9,437	8,505	-----	298	634	300,248
1936.....	37,901	8,512	7,830	-----	227	455	303,880
1937.....	41,233	10,801	7,941	-----	177	2,683	308,166
1938.....	36,261	9,582	8,019	-----	120	1,443	310,991
1939.....	38,591	12,243	8,110	-----	25	4,108	314,158
<b>Boston</b> .....	2,809	1,036	694	-----	(*)	471	22,663
<b>New York</b> .....	11,211	4,531	3,055	-----	-----	1,776	111,407
<b>Philadelphia</b> .....	3,264	1,205	725	-----	-----	480	30,706
<b>Cleveland</b> .....	3,846	897	823	-----	-----	74	29,160
<b>Richmond</b> .....	2,046	523	306	-----	-----	217	13,664
<b>Atlanta</b> .....	1,647	382	272	-----	15	95	11,059
<b>Chicago</b> .....	4,252	983	820	-----	5	158	37,747
<b>St. Louis</b> .....	1,510	457	239	-----	-----	218	9,320
<b>Minneapolis</b> .....	1,135	174	175	-----	-----	7	7,084
<b>Kansas City</b> .....	1,995	511	256	-----	4	251	9,039
<b>Dallas</b> .....	1,406	352	241	-----	1	110	9,306
<b>San Francisco</b> .....	3,217	893	634	-----	-----	259	22,973

<sup>1</sup> The Banking Act of 1933 eliminated the provision in the Federal Reserve Act for the payment of a franchise tax.

<sup>2</sup> Deducted from surplus account.

<sup>3</sup> 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.

<sup>4</sup> Less than \$500.

Source: Board of Governors of the Federal Reserve System, Annual Report.

No. 258.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—NUMBER, CAPITAL ACCOUNTS, AND TOTAL DEPOSITS: 1915 TO 1939

NOTE.—All national banks in continental United States are members of the System

DATE	NUMBER OF BANKS			CAPITAL ACCOUNTS <sup>1</sup> (MILLIONS OF DOLLARS)			TOTAL DEPOSITS (MILLIONS OF DOLLARS)		
	All member banks	National banks	State member banks	All member banks	National banks	State member banks	All member banks	National banks	State member banks
Dec. 31, 1915.....	7,691	7,600	31	2,126	2,087	39	10,636	10,398	238
Dec. 30, 1920.....	9,606	8,125	1,481	4,120	2,855	1,265	24,220	16,275	7,944
Dec. 31, 1925.....	9,489	8,048	1,441	4,678	3,020	1,658	34,250	21,077	13,173
Dec. 31, 1927.....	9,084	7,759	1,325	5,241	3,372	1,970	36,657	22,856	13,801
Dec. 31, 1928.....	8,837	7,629	1,208	5,890	3,682	2,218	39,007	24,335	14,732
Dec. 31, 1929.....	8,522	7,403	1,119	6,709	3,839	2,704	37,029	22,836	14,193
Dec. 31, 1930.....	8,052	7,033	1,019	6,593	3,839	2,873	37,981	22,738	15,243
Dec. 31, 1931.....	7,246	6,368	878	5,999	3,519	2,480	30,711	19,210	11,501
Dec. 31, 1932.....	6,816	6,011	805	5,400	3,238	2,171	28,690	18,486	10,204
Dec. 30, 1933 <sup>2</sup> .....	6,011	5,154	857	4,962	2,897	2,068	27,167	17,656	9,512
Dec. 31, 1934.....	6,442	5,462	980	5,054	3,024	2,030	33,848	21,697	12,151
Dec. 31, 1935.....	6,387	5,388	1,001	5,145	3,000	2,046	38,454	24,802	13,652
Dec. 31, 1936.....	6,376	5,325	1,051	5,275	3,165	2,111	42,885	27,656	15,229
Dec. 31, 1937.....	6,341	5,260	1,081	5,371	3,238	2,134	40,839	26,487	14,352
Dec. 31, 1938.....	6,338	5,224	1,114	5,424	3,321	2,103	43,363	27,996	15,367
Dec. 30, 1939.....	6,362	5,177	1,175	5,522	3,397	2,124	49,340	31,650	17,781

<sup>1</sup> Figures aggregate book value of capital stock, capital notes and debentures, surplus, undivided profits, reserves for contingencies, and other capital reserves.

<sup>2</sup> Beginning with 1933, figures relate to licensed banks only.

No. 259.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—LOANS AND INVESTMENTS, BY CLASS, ON DECEMBER 31: 1930 TO 1939

[In millions of dollars]

	1930	1935	1938	1939	1939				
					Central Reserve city banks	Other Reserve city banks	Country banks	National banks	State banks
Loans, total <sup>1</sup> .....	23,870	12,176	13,208	13,962	3,866	5,329	4,768	9,022	4,940
Commercial and industrial loans <sup>2</sup> .....			4,732	5,386	2,134	2,101	1,151	3,484	1,901
Agricultural loans <sup>2</sup> .....			717	730	14	221	495	620	109
Commercial paper bought in open market.....	366	272	248	291	21	111	158	193	98
Bills, acceptances, etc., payable in foreign countries.....	55	29	10	9	2	6	1	7	2
Acceptances of other banks, payable in United States.....	315	181	88	63	54	8	2	30	32
Reporting banks' own acceptances <sup>3</sup> .....		160	95						
Loans to brokers and dealers in securities <sup>3</sup> .....	2,173	1,243	973	790	60	30	2	54	37
Other loans for purchasing or carrying securities <sup>3</sup> .....	7,206	2,893	775	700	255	222	224	415	285
Real estate loans:									
On farm land.....	387	251	278	289	1	94	194	232	267
On residential property.....	2,847	2,033	1,720	1,884	67	862	955	1,205	675
On other properties.....			717	784	78	379	328	402	323
Loans to banks.....	631	98	125	56	44	9	4	27	30
All other loans <sup>4</sup> .....	9,820	5,000	2,721	2,877	479	1,165	1,235	1,970	906
Overdrafts.....	11	7	8	11	3	7	2	5	6
Investments, total <sup>1</sup> .....	10,989	17,810	18,883	19,979	7,579	6,944	5,456	12,788	7,190
U.S. Government direct obligations.....	4,125	10,501	10,882	11,184	4,528	4,222	2,434	7,102	4,082
Obligations guaranteed by U. S. Government.....		1,768	2,340	3,144	1,447	972	725	1,950	1,188
Obligations of Government corporations and agencies not guaranteed by U. S.....		273	331	377	154	129	94	258	119
Obligations of States and political subdivisions.....	1,692	2,177	2,448	2,602	741	890	1,061	1,782	910
Other bonds, notes, and debentures <sup>5</sup> .....	4,418	2,681	2,402	2,143	521	575	1,046	1,470	672
Corporate stocks <sup>6</sup> .....	784	509	460	439	188	165	96	221	219

<sup>1</sup> Figures for loans and investments beginning Dec. 31, 1938, are not entirely comparable with prior call dates because investments and other assets (principally loans) indirectly representing bank premises and other real estate are no longer included in loans and investments but are now reported separately. Such investments and other assets amounted to \$94,569,000 and \$49,930,000, respectively, on Dec. 31, 1938.

<sup>2</sup> Not reported separately where no figures are shown.

<sup>3</sup> Figures prior to Dec. 31, 1938 represent all loans on securities, except loans to banks and to brokers and dealers.

<sup>4</sup> This is a residual item and, because of revised loan classification beginning Dec. 31, 1938, the residual amounts are not comparable.

<sup>5</sup> Corporate stocks of foreign corporations were reported in combination with bonds, notes, and debentures prior to Dec 31, 1938.

Source of tables 258 and 259: Board of Governors of the Federal Reserve System, Annual Report, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.





No. 261.—FEDERAL RESERVE SYSTEM, REPORTING MEMBER BANKS IN 101 LEADING CITIES—PRINCIPAL ASSETS AND LIABILITIES: 1935 TO 1940

(In millions of dollars. Monthly averages of Wednesday figures)

	Total loans and investments <sup>1</sup>	U. S. GOVERNMENT OBLIGATIONS		Other securities <sup>1</sup>	Reserves with Federal Reserve banks	Cash in vault	Balances with domestic banks	Demand deposits adjusted <sup>2</sup>	U. S. Government deposits <sup>1</sup>	Time deposits, except interbank	Interbank deposits	Capital accounts	
		Total loans <sup>1</sup>	Direct										Guaranteed
1935:													
March	19,761	8,140	7,845	749	3,027	3,481	306	2,015	11,800	1,004	4,879	4,903	3,483
June	19,887	8,028	7,910	943	3,006	4,041	318	2,018	12,814	764	4,874	5,020	3,499
September	20,187	7,929	8,045	1,094	3,119	4,251	336	2,212	13,283	628	4,853	5,391	3,492
December	20,769	8,184	8,433	1,131	3,021	4,604	376	2,312	13,904	609	4,872	5,829	3,518
1936:													
March	21,443	8,226	8,737	1,248	3,238	4,301	385	2,334	13,882	747	4,923	6,030	3,542
June	22,373	8,535	9,202	1,303	3,333	4,389	367	2,290	14,563	797	5,037	5,954	3,543
September	22,520	8,623	9,320	1,246	3,326	4,905	383	2,311	14,962	837	5,036	6,317	3,503
December	22,760	9,030	9,241	1,242	3,247	5,264	427	2,439	15,544	601	5,045	6,505	3,535
1937:													
January	22,734	8,998	9,263	1,236	3,243	5,292	401	2,307	15,516	611	5,052	6,501	3,563
February	22,600	8,982	9,118	1,212	3,288	5,326	387	2,252	15,572	409	5,094	6,402	3,568
March	22,610	9,236	8,802	1,206	3,316	5,205	359	1,998	15,429	369	5,142	6,112	3,578
April	22,280	9,309	8,447	1,181	3,253	5,340	346	1,967	15,283	312	5,146	6,023	3,581
May	22,201	9,453	8,225	1,163	3,195	5,350	338	1,790	15,420	201	5,194	5,874	3,593
June	22,530	9,697	8,365	1,160	3,118	5,332	315	1,761	15,300	378	5,233	5,619	3,602
July	22,219	9,743	8,295	1,170	3,038	5,291	312	1,771	14,984	447	5,254	5,708	3,597
August	22,332	9,929	8,229	1,160	3,014	5,149	296	1,683	14,913	615	5,245	5,595	3,607
September	22,187	10,028	8,068	1,131	2,962	5,313	308	1,703	14,843	616	5,283	5,567	3,612
October	21,989	9,890	7,914	1,132	2,963	5,384	320	1,781	14,766	555	5,278	5,612	3,617
November	21,563	9,593	7,870	1,127	2,900	5,348	320	1,804	14,636	424	5,285	5,483	3,623
December	21,484	9,461	8,046	1,113	2,874	5,368	341	1,850	14,570	579	5,203	5,479	3,630
1938:													
January	21,285	9,137	8,118	1,131	2,809	5,614	315	1,986	14,438	665	5,210	5,715	3,624
February	21,214	8,936	8,168	1,147	2,963	5,646	294	2,016	14,509	638	5,237	5,678	3,623
March	21,073	8,884	7,992	1,139	3,037	5,724	302	1,992	14,360	700	5,239	5,637	3,626
April	21,810	8,604	7,955	1,179	3,081	5,885	342	2,107	14,437	612	5,223	5,743	3,626
May	20,732	8,430	7,989	1,364	2,968	6,070	384	2,296	14,579	549	5,214	6,024	3,645
June	20,096	8,354	7,880	1,453	2,995	6,407	398	2,406	14,932	501	5,216	6,161	3,640
July	20,530	8,213	7,793	1,567	3,047	6,675	403	2,435	15,021	462	5,211	6,246	3,645
August	20,875	8,215	7,702	1,646	3,112	6,602	387	2,416	15,118	425	5,206	6,240	3,646
September	21,073	8,268	8,084	1,698	3,185	6,712	416	2,413	15,377	491	5,213	6,393	3,661
October	21,321	8,282	8,084	1,682	3,275	7,005	426	2,446	15,688	563	5,164	6,601	3,663
November	21,347	8,318	8,130	1,651	3,217	7,170	438	2,497	15,825	536	5,136	6,719	3,677
December	21,687	8,465	8,191	1,708	3,222	7,219	483	2,452	16,087	585	5,140	6,806	3,683
1939:													
January	21,468	8,338	8,191	1,728	3,211	7,437	440	2,561	16,064	631	5,173	6,858	3,675
February	21,527	8,197	8,178	1,801	3,201	7,358	410	2,543	16,042	631	5,181	6,851	3,682
March	21,705	8,241	8,158	2,027	3,251	7,427	410	2,580	16,032	631	5,211	7,098	3,687
April	21,727	8,127	8,293	2,033	3,342	7,073	424	2,596	16,465	628	5,219	7,227	3,695
May	21,693	8,001	8,306	2,033	3,273	8,301	423	2,644	16,796	589	5,248	7,287	3,713
June	21,887	8,004	8,333	2,119	3,291	8,490	447	2,727	17,182	553	5,232	7,334	3,721
July	22,040	8,146	8,497	2,158	3,243	8,646	448	2,765	17,366	561	5,228	7,510	3,716
August	22,327	8,170	8,537	2,266	3,346	8,951	440	2,808	17,717	544	5,247	7,770	3,722
September	22,384	8,323	8,567	2,226	3,369	9,643	477	2,951	18,209	540	5,231	8,305	3,716
October	22,571	8,421	8,666	2,232	3,362	9,957	432	3,022	18,511	538	5,242	8,638	3,721
November	22,966	8,573	8,714	2,338	3,341	9,893	484	3,103	18,742	535	5,248	8,689	3,719
December	23,353	8,802	8,774	2,412	3,365	9,630	532	3,093	18,862	570	5,255	8,700	3,713
1940:													
January	23,157	8,687	8,833	2,410	3,327	10,065	484	3,087	18,946	578	5,264	8,819	3,713
February	23,220	8,520	8,862	2,419	3,419	10,278	473	3,104	19,140	573	5,271	8,868	3,710
March	23,330	8,604	8,904	2,384	3,483	10,394	408	3,184	19,344	576	5,329	9,004	3,721
April	23,489	8,646	8,941	2,398	3,504	10,661	465	3,229	19,515	579	5,336	9,137	3,735
May	23,555	8,599	9,053	2,407	3,496	11,032	474	3,240	19,971	579	5,313	9,203	3,750

<sup>1</sup> Beginning in February 1937 amounts previously classified as loans or securities but indirectly representing bank premises or other real estate owned are classified among "Other assets." These amounts on Feb. 8, 1939, were \$47,000,000 for loans and \$53,000,000 for securities.

<sup>2</sup> Demand deposits other than interbank and U. S. Government, less cash items reported as in process of collection.

<sup>3</sup> Includes "U. S. Treasurer's time deposit, open account," which amounted to \$6,000,000 in March 1939 and had increased to \$18,000,000 by May 1940.

Source: Board of Governors of the Federal Reserve System. Figures are published currently in Federal Reserve Bulletin.

No. 262.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—EARNINGS, EXPENSES, AND DIVIDENDS: 1925 TO 1939

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

	ALL MEMBER BANKS						1939	
	1925	1930	1935	1937	1938	1939	National banks	State member banks
Loans and investments <sup>1</sup> .....	29, 673. 0	35, 395. 4	28, 898. 5	32, 503. 8	31, 538. 2	32, 756. 0	21, 172. 8	11, 584. 1
Loans <sup>1</sup> .....	20, 809. 1	25, 018. 2	11, 985. 2	13, 825. 5	13, 317. 4	13, 365. 7	8, 647. 1	4, 718. 6
Investments <sup>1</sup> .....	8, 864. 8	10, 377. 2	16, 913. 3	18, 678. 3	18, 220. 8	10, 391. 2	12, 525. 7	6, 865. 5
Capital funds <sup>1</sup> .....	4, 689. 3	0, 722. 8	5, 118. 5	5, 327. 5	5, 384. 9	5, 487. 9	3, 373. 2	2, 114. 8
Current earnings, total.....	<sup>1</sup> 1, 018. 1	2, 157. 9	1, 206. 6	1, 321. 3	1, 274. 4	1, 295. 9	846. 1	449. 8
Interest earned.....	1, 615. 6	1, 857. 5	967. 3	1, 033. 4	991. 8	1, 004. 6	683. 2	321. 4
Expenses, total.....	1, 867. 3	1, 604. 3	832. 5	902. 4	890. 0	894. 8	579. 8	316. 0
Interest paid.....	689. 1	209. 7	209. 7	176. 2	171. 0	159. 1	113. 9	45. 2
Salaries and wages.....	372. 7	461. 8	334. 5	372. 1	379. 9	387. 9	246. 2	141. 8
Net earnings.....	<sup>2</sup> 650. 8	563. 6	374. 1	418. 9	384. 3	401. 1	266. 3	134. 8
Recoveries, profits on securities, etc.....	<sup>2</sup> 61. 8	118. 2	376. 0	256. 2	279. 2	326. 6	210. 3	116. 2
Losses and depreciation.....	193. 1	365. 3	538. 3	338. 5	398. 1	380. 2	225. 9	154. 3
Net profits.....	419. 5	300. 5	211. 9	336. 6	265. 5	347. 5	250. 7	96. 8
Cash dividends declared <sup>3</sup> .....	272. 7	372. 0	186. 8	201. 0	198. 3	207. 0	130. 8	76. 2
Ratios:								
Loans and investments per \$1 of capital funds.....	\$6. 47	\$5. 26	\$5. 65	\$6. 10	\$5. 86	\$5. 97	\$6. 28	\$5. 43
Net profits per \$100 of loans and investments.....	\$1. 41	\$0. 87	\$0. 73	\$1. 04	\$0. 84	\$1. 06	\$1. 18	\$0. 84
Net profits per \$100 of capital funds.....	\$9. 14	\$4. 56	\$4. 14	\$6. 32	\$4. 93	\$6. 33	\$7. 43	\$4. 58

<sup>1</sup> Averages of amounts reported for all dates. <sup>2</sup> Profits on securities included in earnings. <sup>3</sup> Includes interest on capital notes and debentures beginning 1933, when first issued.

No. 263.—ALL REPORTING BANKS IN THE UNITED STATES—NUMBER, LOANS, INVESTMENTS, AND DEPOSITS: 1928 TO 1940

NOTE.—Money figures in millions of dollars. This table covers all national banks in continental United States, all State commercial banks, trust companies, mutual and stock savings banks, and such private, Morris Plan, and industrial banks as are included in abstracts issued by State banking departments. Also includes, during the period June 1934-June 1935, private banks which, under provisions of sec. 21 (a) of the Banking Act of 1933, submitted reports to the Comptroller of the Currency. Morris Plan and industrial banks in New York and North Carolina were not included until June 30, 1937; in Connecticut, not until Dec. 31, 1938

DATE <sup>1</sup>	NUMBER OF BANKS			LOANS			INVESTMENTS			DEPOSITS <sup>2</sup>		
	All banks	Member banks	Non-member banks	All banks	Member banks	Non-member banks	All banks	Member banks	Non-member banks	All banks	Member banks	Non-member banks
1928—Dec. 31.....	25, 570	8, 837	10, 739	40, 782	25, 155	15, 627	17, 484	10, 529	6, 956	55, 766	34, 826	21, 940
1929—Dec. 31.....	24, 630	8, 522	10, 108	41, 918	26, 150	15, 768	16, 499	9, 784	6, 715	55, 289	33, 865	21, 424
1930—Dec. 31.....	22, 769	8, 052	14, 717	38, 135	23, 870	14, 264	18, 074	10, 989	7, 085	53, 039	32, 560	20, 479
1931—Dec. 31.....	19, 966	7, 246	12, 720	31, 305	19, 261	12, 045	18, 399	11, 314	7, 084	45, 821	27, 432	18, 389
1932—Dec. 31.....	18, 390	6, 816	11, 574	26, 063	15, 204	10, 859	15, 833	12, 265	6, 617	41, 643	24, 803	16, 840
1933—June 30 <sup>3</sup> .....	14, 519	5, 606	8, 913	22, 203	12, 868	9, 345	17, 872	11, 928	5, 944	37, 998	23, 338	14, 659
Dec. 30.....	15, 011	6, 011	9, 000	21, 977	12, 833	9, 144	18, 342	12, 386	6, 956	38, 505	23, 771	14, 734
1934—June 30.....	15, 835	6, 375	9, 400	21, 278	12, 523	8, 756	21, 224	14, 662	6, 671	41, 870	26, 615	15, 255
Dec. 31.....	16, 039	6, 442	9, 597	20, 473	12, 028	8, 440	22, 984	16, 122	6, 862	44, 770	28, 943	15, 828
1935—June 29.....	15, 904	6, 410	9, 584	20, 272	11, 928	8, 344	24, 145	16, 857	7, 288	45, 706	29, 490	16, 270
Dec. 31.....	15, 837	6, 387	9, 450	20, 329	12, 176	8, 154	25, 388	17, 810	7, 677	48, 964	32, 169	16, 805
1936—June 30.....	15, 752	6, 400	9, 352	20, 679	12, 542	8, 137	27, 778	19, 717	8, 062	51, 335	34, 093	17, 238
Dec. 31.....	15, 628	6, 376	9, 252	21, 440	13, 360	8, 089	28, 075	19, 640	8, 436	53, 701	35, 893	17, 809
1937—June 30.....	15, 527	6, 357	9, 170	22, 514	14, 285	8, 229	27, 182	18, 544	8, 728	53, 287	35, 440	17, 848
Dec. 31.....	15, 393	6, 341	9, 052	22, 198	13, 968	8, 240	26, 368	17, 793	8, 674	52, 440	34, 810	17, 080
1938—June 30.....	15, 287	6, 338	8, 949	21, 130	12, 938	8, 192	26, 252	17, 784	8, 469	52, 196	34, 745	17, 449
Dec. 31.....	15, 206	6, 338	8, 868	21, 354	13, 208	8, 147	27, 676	18, 863	8, 712	54, 054	36, 027	17, 343
1939—June 30.....	15, 082	6, 330	8, 752	21, 318	13, 141	8, 176	28, 299	19, 462	8, 856	55, 922	38, 221	17, 965
Dec. 30.....	15, 035	6, 362	8, 673	22, 167	13, 962	8, 205	28, 714	19, 979	8, 736	53, 344	39, 930	18, 414
1940—June 29.....	14, 952	6, 398	8, 554	22, 341	13, 969	8, 372	28, 995	20, 482	8, 613	50, 582	42, 039	18, 543

<sup>1</sup> Date of reports of member banks; figures for nonmember banks as of nearest available date. <sup>2</sup> Exclusive of interbank deposits, with following exceptions: For dates prior to Dec. 30, 1933, member-bank figures include interbank deposits not subject to immediate withdrawal, which aggregated \$108,000,000 on that date; nonmember-bank figures for all call dates include interbank deposits to the extent (estimated at \$160,000,000 for June 30, 1937, but since reduced to probably a small amount) that they were not reported separately in a few State bank abstracts. <sup>3</sup> Beginning June 30, 1933, all figures, except for mutual savings banks, relate to licensed banks only, with some exceptions as to nonmember banks.

Source of tables 262 and 263: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

No. 264.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1840 TO 1939

NOTE.—Includes banks in Alaska, Hawaii, Puerto Rico, Philippine Islands, and beginning with 1935, those in Virgin Islands and in 1935, those in Canal Zone, Guam, and American Samoa. Data are as of June 30 or about June 30 except data for the earlier years for banks other than national, for which reports were of various dates. Figures for banks other than national for the earlier years, especially through 1885, are incomplete. Figures for mutual savings banks include some stock savings banks for years prior to 1910 and also a few in several more recent years; since 1926 only one is included. Private banks are not included prior to 1890; statistics for private banks, except for 1934 and 1935, cover only banks under State supervision and those voluntarily reporting; for 1934 and 1935, they include also private banks which submitted reports to the Comptroller of the Currency under provisions of the Banking Act of 1933

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

ON OR ABOUT JUNE 30 (SEE HEADNOTE)—	Number of banks	Loans and discounts <sup>1</sup>	Investments <sup>2</sup>	Cash and balances with other banks <sup>3</sup>	Total assets	Capital, surplus, and undivided profits <sup>4</sup>	Circulation <sup>5</sup>	DEPOSITS				
								Total	Excluding inter-bank and U. S. deposits			
									Demand	Time <sup>6</sup>		
<b>All banks:</b>												
1840	901	462.9	42.4	98.7	657.7	7,858.4	107.0	119.9				
1850	824	364.2	20.6	114.9	552.3	7,217.3	131.4	146.3			75.7	
1860	1,502	691.9	70.8	135.7	999.9	8,421.9	207.1	309.7			109.0	
1865	1,643	517.5	412.3	392.0	1,357.4	8,451.5	179.7	809.0			253.8	
1870	1,037	863.8	460.7	405.6	1,760.8	8,648.3	336.1	889.0			458.4	
1875	3,336	1,743.0	301.9	560.4	3,204.7	8,840.8	318.3	775.1			1,787.0	
1880	8,855	1,682.0	904.2	665.6	3,308.9	8,825.5	318.4	2,222.1			1,951.6	
1885	4,250	2,272.2	1,042.0	902.0	4,420.8	1,099.9	269.2	3,078.2			2,734.3	
1890	8,201	3,833.5	1,173.2	1,123.4	6,357.6	1,778.1	120.4	4,676.4			4,072.5	
1895	9,818	4,288.9	1,565.3	1,442.0	7,609.5	1,779.7	178.8	5,838.6			4,921.3	
1900	10,382	4,657.7	2,493.4	2,245.0	10,785.8	1,906.9	265.3	8,513.0			7,230.0	
1905	16,410	6,027.3	3,053.0	3,349.5	16,918.2	2,902.7	445.5	13,332.8			11,350.7	
1910	23,096	12,521.8	4,687.8	4,437.3	22,450.3	3,841.2	675.6	17,584.2			14,903.7	
1915	27,062	15,758.7	6,840.1	5,008.5	27,804.1	4,535.5	722.7	22,031.7			18,905.7	
1920	30,139	30,650.1	11,252.0	8,367.4	52,828.2	5,954.0	688.2	41,725.2			37,268.1	
1924	29,348	31,288.3	14,193.6	9,025.0	67,084.8	7,053.3	729.7	47,709.0			42,900.8	
1925	28,841	33,508.6	15,374.9	9,905.0	61,898.1	7,350.5	648.5	51,995.1			46,715.2	
1926	28,146	35,843.2	15,915.1	9,808.3	64,680.1	7,808.4	651.2	54,069.3			48,826.6	
1927	27,061	37,103.3	17,255.1	10,089.5	67,922.0	8,272.2	660.9	65,751.3			51,062.1	
1928	26,213	39,156.0	18,771.8	9,368.2	71,137.8	8,897.4	649.1	68,431.1			53,244.7	
1929	26,330	41,493.1	17,348.7	9,271.4	71,718.7	9,607.5	649.5	67,910.6	24,350.2	25,565.4	56,947.2	
1930	24,079	40,510.1	17,944.7	11,178.0	73,462.4	10,281.5	652.3	69,847.2	24,098.5	29,145.3	59,847.2	
1931	22,071	35,210.5	20,060.2	10,366.9	69,767.1	9,851.1	639.3	65,804.7	21,826.2	28,999.4	56,804.7	
1932	19,163	28,089.9	18,223.2	7,397.7	57,190.1	8,588.5	652.2	45,390.3	16,405.0	24,721.2	40,625.0	
1933 <sup>10</sup>	14,624	22,387.8	17,630.7	7,764.8	51,293.9	7,385.3	730.4	41,533.5	15,248.9	21,352.7	36,825.0	
1934 <sup>10</sup>	15,804	21,431.2	21,398.5	10,215.7	56,137.6	7,852.8	698.3	46,625.0	17,510.0	22,440.8	40,625.0	
1935	16,083	20,419.3	24,217.2	12,397.5	60,386.9	7,835.7	222.1	51,536.1	21,567.1	23,128.1	40,625.0	
1936	15,803	20,839.2	27,550.5	15,122.4	67,188.2	7,971.1	-----	58,339.8	25,404.9	24,045.8	40,625.0	
1937	15,590	22,698.2	27,374.1	15,628.6	68,924.8	8,286.4	-----	60,822.4	26,932.5	25,051.0	40,625.0	
1938	15,241	21,311.2	26,345.6	17,470.7	68,277.7	8,182.0	-----	59,370.6	25,856.4	25,652.7	40,625.0	
1939	15,140	21,516.3	28,336.8	20,623.6	73,601.3	8,294.2	-----	64,676.7	28,906.2	25,786.2	40,625.0	
<b>National banks:</b>												
1865	1,204	362.4	11,304.0	343.9	1,126.5	380.3	131.5	12 614.2			398.4	
1870	1,612	710.9	452.7	360.8	1,566.8	661.8	291.2	705.5			542.3	
1875	2,076	972.9	442.8	431.9	1,913.2	686.9	318.1	897.4			686.5	
1880	2,076	994.7	451.5	517.5	2,036.5	624.5	318.1	1,085.1			833.7	
1885	2,689	1,257.7	432.2	668.3	2,421.9	725.0	269.1	1,410.6			1,106.4	
1890	3,484	1,933.5	310.7	730.2	3,061.8	934.5	126.3	1,978.8			1,621.7	
1895	3,715	2,016.6	447.2	899.6	3,470.0	987.2	178.8	2,278.9			1,736.0	
1900	3,732	2,644.2	774.6	1,400.3	4,944.2	1,013.1	265.3	3,621.5			2,458.1	
1905	5,068	3,929.5	1,204.6	1,982.0	9,327.8	1,406.9	445.5	5,407.5			3,788.7	
1910	7,145	5,456.9	1,578.3	2,540.9	9,890.6	1,856.6	675.6	7,257.0			5,070.5	
1915	7,005	6,655.1	2,028.5	2,697.0	11,705.7	2,105.4	722.7	8,821.2			6,426.2	
1920	8,030	13,502.1	4,050.9	4,495.4	25,270.9	2,622.1	688.2	17,166.6			13,671.8	
1924	8,085	11,958.8	5,107.2	4,457.2	22,535.4	2,916.2	729.7	18,857.3			14,818.8	
1925	8,072	12,596.2	5,705.2	4,701.9	24,269.7	2,970.1	648.5	19,921.8			16,320.7	
1926	7,978	13,326.7	5,842.3	4,790.4	25,215.0	3,089.4	651.2	20,055.0			17,057.1	
1927	7,796	13,854.5	6,393.2	4,877.2	26,470.9	3,289.5	650.9	21,790.6			18,202.8	
1928	7,691	14,927.4	7,147.4	4,617.3	28,280.5	3,571.0	649.1	22,657.3			19,300.4	
1929	7,636	14,811.3	6,656.5	4,292.1	27,275.4	3,674.8	649.5	21,598.1	10,804.3	8,235.6	30,843.8	
1930	7,252	14,897.2	6,888.2	5,415.3	28,672.4	3,976.1	652.3	23,268.9	10,026.2	8,548.3	30,843.8	
1931	6,808	13,185.3	7,674.8	4,995.2	27,474.0	3,765.7	639.3	22,198.2	10,105.9	8,431.4	30,843.8	
1932	6,150	10,286.4	7,196.7	3,485.6	22,360.5	3,279.8	652.2	17,400.7	7,940.7	7,221.8	26,129.8	
1933 <sup>10</sup>	4,922	8,119.8	7,371.6	4,118.9	20,855.6	2,856.6	730.4	16,774.1	6,169.6	6,169.6	26,129.8	
1934 <sup>10</sup>	4,402	7,697.7	8,248.6	5,697.0	23,000.2	3,001.0	698.3	17,400.7	7,884.2	6,791.2	26,129.8	
1935	5,431	7,368.7	10,716.4	6,888.2	26,050.5	3,080.4	222.1	22,518.2	11,273.9	7,136.1	26,129.8	
1936	5,374	7,763.3	12,482.6	8,381.4	29,666.8	3,165.7	-----	20,200.5	13,452.4	7,533.9	26,129.8	
1937	5,299	8,812.9	12,122.3	8,377.9	30,328.8	3,212.2	-----	26,765.5	14,405.8	7,788.3	26,129.8	
1938	5,248	8,334.0	11,644.3	9,450.6	30,377.0	3,273.8	-----	20,815.9	13,890.3	7,976.1	26,129.8	
1939	5,200	8,573.7	12,552.0	11,074.8	33,180.6	3,389.5	-----	20,469.5	15,580.2	8,072.0	26,129.8	

For footnotes, see p. 258.

No. 264.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1840 TO 1939—Continued

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

ON OR ABOUT JUNE 30 (SEE HEADNOTE)—	Number of banks	Loans and dis- counts <sup>1</sup>	Invest- ments <sup>2</sup>	Cash and bal- ances with other banks <sup>3</sup>	Total assets	Capit- al sur- plus, and undiv- ided profits <sup>4</sup>	Circu- lation <sup>5</sup>	DEPOSITS		
								Total	Excluding inter- bank and U. S. deposits	
									De- mand	Time <sup>6</sup>
<b>State (commercial banks):<sup>12</sup></b>										
1840	901	462.9	42.4	98.7	667.7	7 358.4	107.0	110.9		75.7
1850	824	364.2	20.6	114.9	532.3	7 217.3	131.4	146.3		109.6
1860	1,562	691.9	70.3	195.7	990.9	7 421.9	207.1	399.7		263.8
1865 <sup>9</sup>	349	155.1	18.3	48.1	231.0	8 71.2	48.2	74.7		60.0
1870 <sup>9</sup>	325	144.4	17.1	44.8	215.1	8 86.5	44.9	69.6		59.9
1875	586	242.0	63.4	67.2	366.2	114.3		261.7		260.9
1880	650	282.1	61.9	109.0	491.8	145.1	.3	317.9		298.8
1885	1,015	490.9	90.8	179.4	802.0	213.1	.1	563.4		532.7
1890	2,722	1,116.1	168.2	287.0	1,644.1	422.4		1,156.1		1,113.1
1895	4,369	1,343.8	309.8	431.3	2,251.6	590.7		1,578.2		1,500.1
1900	5,009	1,933.5	589.9	707.0	3,378.4	673.4		2,669.0		2,550.2
1905	9,046	3,720.9	1,281.7	1,190.1	6,467.8	1,246.0		5,088.8		4,702.6
1910	14,378	5,230.3	1,424.9	1,695.2	8,741.2	1,666.9		6,840.2		6,408.6
1915	17,791	6,808.5	1,928.4	2,183.2	11,511.4	2,037.1		9,123.7		8,454.8
1920	20,690	14,427.5	4,462.6	3,608.0	23,720.3	2,879.5		19,193.7		18,240.1
1924	20,090	15,478.2	5,833.8	4,289.2	27,033.7	3,457.1		22,536.1		21,271.2
1925	19,635	16,738.7	6,283.4	4,844.3	29,566.2	3,609.5		24,794.0		23,121.3
1926	19,053	17,799.3	6,581.3	4,741.4	30,874.6	3,864.5		25,708.3		24,060.8
1927	18,180	18,092.9	7,309.9	4,925.6	32,275.8	4,091.5		28,769.1		24,669.8
1928	17,502	18,620.3	7,844.8	4,482.3	33,020.4	4,307.9		26,988.4		25,160.9
1929	16,792	20,725.8	8,888.6	4,745.0	34,280.4	4,985.9		27,197.7	13,691.1	11,466.6
1930	15,860	19,651.4	7,102.4	5,450.9	34,180.0	5,219.4		27,281.4	13,127.3	11,347.5
1931	14,382	15,929.5	7,898.2	4,965.5	31,008.6	4,921.3		24,571.6	11,189.1	10,505.3
1932	12,102	11,634.4	6,819.5	3,480.9	23,640.0	4,169.7		17,849.7	8,442.5	7,442.6
1933 <sup>10</sup>	8,962	8,304.2	6,445.9	3,208.7	19,424.3	3,308.0		15,013.3	7,842.5	5,462.3
1934 <sup>10</sup>	9,058	7,953.6	7,425.0	3,913.7	20,659.6	3,473.4		16,544.6	8,053.7	5,789.5
1935	9,808	7,886.9	8,590.0	4,915.1	22,441.0	3,366.5		18,636.5	9,948.8	6,019.2
1936	9,732	7,854.3	10,002.9	6,053.7	25,351.3	3,380.9		21,496.3	11,508.7	6,417.2
1937	9,632	8,766.1	9,489.4	6,565.4	26,146.1	3,521.5		22,192.7	12,002.7	7,017.0
1938	9,458	7,958.4	9,156.7	7,315.0	25,706.0	3,479.5		21,853.6	11,562.7	7,156.2
1939	9,321	7,975.8	9,937.1	8,717.6	27,846.7	3,470.9		24,009.0	12,823.9	7,254.5
<b>Mutual savings banks:<sup>14</sup></b>										
1875	674	532.5	295.7	41.2	866.2	45.6		849.6		849.5
1880	629	385.4	390.8	39.1	811.7	56.0		819.1		819.6
1885	640	523.7	519.0	59.5	1,203.0	101.8		1,095.2		1,095.2
1890	637	695.8	686.1	69.3	1,486.6	145.4		1,336.1		1,336.0
1895	664	823.0	801.0	89.7	1,756.7	158.0		1,597.4		1,597.3
1900	652	1,001.6	1,128.1	114.0	2,336.5	196.5		2,134.7		2,134.5
1905	668	1,209.8	1,468.1	140.3	2,987.5	217.5		2,736.5		2,736.5
1910	639	1,727.2	1,676.1	160.7	3,652.4	289.5		3,360.6		3,360.6
1915	630	2,170.0	1,809.9	206.3	4,319.4	360.0		3,951.1		3,950.6
1920	620	2,591.5	2,716.3	226.7	5,619.0	422.5		5,187.1		5,186.8
1924	613	3,775.7	3,217.5	250.1	7,364.7	658.0		6,693.4		6,693.2
1925	611	4,183.1	3,351.2	243.3	7,913.0	749.7		7,151.8		7,147.0
1926	620	4,623.6	3,406.1	242.6	8,422.3	831.8		7,577.6		7,577.5
1927	618	5,064.6	3,523.4	257.8	9,011.2	920.3		8,077.3		8,076.5
1928	616	5,511.9	3,760.6	243.6	9,688.2	1,000.2		8,673.2		8,672.8
1929	611	5,501.5	3,775.8	223.6	10,006.5	984.9		9,003.3	98.5	8,903.1
1930	606	5,896.0	3,872.4	296.8	10,295.3	1,085.7		9,215.9	10.3	9,205.3
1931	600	6,051.1	4,477.2	394.3	11,191.8	1,140.7		10,035.3	3.7	10,031.1
1932	594	6,140.6	4,194.6	443.2	11,134.1	1,051.4		10,039.0	3.4	10,035.4
1933 <sup>10</sup>	576	5,941.0	4,103.2	428.5	10,967.1	1,209.8		9,713.3	3.1	9,709.9
1934 <sup>10</sup>	578	5,647.3	4,266.7	514.4	11,065.1	1,263.2		9,780.1	2.5	9,777.3
1935	571	5,342.5	4,511.4	622.8	11,172.5	1,224.7		9,919.8	1.9	9,917.6
1936	566	5,113.6	4,853.4	544.6	11,409.1	1,320.6		10,060.0	3.7	10,056.0
1937	564	5,011.0	5,178.0	529.1	11,644.7	1,403.8		10,213.4	4.2	10,208.9
1938	562	4,927.0	5,176.4	575.1	11,572.0	1,339.2		10,209.4	11.0	10,198.0
1939	552	4,895.4	5,353.5	699.8	11,798.8	1,345.2		10,432.8	2.6	10,429.9
<b>Private banks:</b>										
1890	1,358	108.4	8.0	36.2	165.2	55.8		105.4		101.6
1895	1,070	85.5	7.3	27.5	130.6	43.7		84.1		81.8
1900	989	78.4	5.8	34.7	126.8	25.0		97.7		96.2
1905	1,028	107.1	13.6	36.3	165.2	32.3		130.0		127.9
1910	934	108.4	10.4	31.5	160.0	28.6		126.4		124.0
1915	1,036	115.0	15.3	32.0	177.7	33.0		135.7		134.1
1920	799	128.9	32.2	37.4	212.6	29.8		171.8		169.3
1924	560	76.0	35.1	28.5	150.9	21.3		122.2		120.5

For footnotes, see p. 258.



**NO. 264.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1840 TO 1939—Continued**

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

ON OR ABOUT JUNE 30 (SEE HEADNOTE)—	Number of banks	Loans and dis- counts <sup>1</sup>	Invest- ments <sup>2</sup>	Cash and bal- ances with other banks <sup>3</sup>	Total assets	Cap- ital, sur- plus, and un- divided profits <sup>4</sup>	Cir- cula- tion <sup>5</sup>	DEPOSITS		
								Total	Excluding Inter- bank and U. S. deposits	
									De- mand <sup>6</sup>	Time <sup>6</sup>
<b>Private banks—</b>										
<b>Continued.</b>										
1925.....	523	80.5	35.2	27.3	155.2	21.2		127.5	126.2	
1926.....	495	93.1	35.5	28.8	174.2	22.8		133.2	131.2	
1927.....	467	91.3	28.7	20.1	164.1	21.0		124.4	123.2	
1928.....	404	86.0	20.0	19.0	148.8	18.4		112.2	110.6	
1929.....	391	94.0	27.8	20.7	150.5	22.0		111.5	56.4	49.2
1930.....	361	65.5	21.7	15.0	114.6	17.3		81.0	34.7	43.8
1931.....	284	44.6	16.9	12.0	82.1	13.4		59.0	27.5	31.5
1932.....	227	28.5	12.5	7.8	55.4	10.5		40.7	19.1	21.4
1933 <sup>10</sup> .....	184	22.8	10.0	8.6	46.9	10.0		32.8	19.1	10.8
1934 <sup>10</sup> .....	236	132.5	259.3	90.7	532.7	115.1		367.7	197.0	82.9
1935.....	243	121.2	399.4	91.5	716.8	158.1		511.5	332.5	55.1
1936.....	131	107.9	430.0	142.6	731.2	103.8		583.1	440.1	38.2
1937.....	85	108.3	484.5	156.3	805.1	90.0		650.3	521.8	36.9
1938.....	73	91.2	368.1	130.0	628.1	89.4		500.7	392.4	32.5
1939.....	64	71.4	542.3	134.5	775.2	88.0		665.6	499.5	29.8

<sup>1</sup> Acceptances of other banks and bills of exchange or drafts sold with endorsements are excluded for national and State banks beginning with 1920 and for other banks beginning with 1929.

<sup>2</sup> Securities borrowed excluded for national banks beginning with 1903 and for other banks beginning with 1929. Not reported separately for prior years.

<sup>3</sup> Includes lawful reserve, exchanges for clearing house, and all cash items except for 1936 to 1939, for which years, cash items not in process of collection are excluded.

<sup>4</sup> Includes reserve accounts, and for banks other than national for 1934 to 1939, capital notes and debentures. Interest, taxes, and other expenses accrued and unpaid are excluded for national banks beginning with 1920 and for other banks beginning with 1929.

<sup>5</sup> Figures for national banks represent national bank circulation only; comparatively small amounts of State bank notes outstanding for 1870 to 1910, for which national banks converted from State banks or merged with State banks assumed liability, are not included in the figures for national banks or for all banks.

<sup>6</sup> Includes postal savings. <sup>7</sup> Capital only. <sup>8</sup> Includes capital only for banks other than national.

<sup>9</sup> Figures for State banks, except number of banks and capital, estimated. <sup>10</sup> Licensed banks only.

<sup>11</sup> U. S. Government securities only. <sup>12</sup> Includes State bank circulation outstanding.

<sup>13</sup> Includes loan and trust companies and, with some exceptions (see headnote), stock savings banks.

<sup>14</sup> Figures given under capital, surplus, etc., represent surplus and undivided profits, including reserves, except that they include capital for any stock savings banks included (see headnote).

**NO. 265.—ALL ACTIVE BANKS—LOANS AND INVESTMENTS, BY CLASS, AS OF JUNE 30: 1938 AND 1939**

NOTE.—In millions and tenths of millions of dollars. In reports furnished for banks other than national for some States, the classification of loans and investments is incomplete; in such cases, the distribution has been estimated based on classifications reported to Federal Deposit Insurance Corporation

	1938	1939		1938	1939
Loans and discounts, total <sup>1</sup> .....	21,311.2	21,516.3	Obligations guaranteed by U. S. Government:		
Commercial and industrial loans.....	(2)	5,332.5	Reconstruction Finance Corp.....	263.5	723.6
Agricultural loans.....	(2)	1,242.1	Home Owners' Loan Corp.....	1,670.2	1,909.2
Open market paper.....	(2)	477.6	Federal Farm Mortgage Corp.....	587.9	625.4
Loans to brokers and dealers in securities.....	(2)	773.6	Other.....	169.6	309.2
Other loans for the purpose of purchasing or carrying stocks, bonds, and other securities.....	(2)	851.8	Obligations of States and political subdivisions.....	3,483.2	3,902.7
Real-estate loans:			Other bonds, notes, and debentures:		
On farm land.....	588.0	579.8	Not guaranteed by U. S. Government:		
On residential properties.....	8,125.1	7,274.1	Federal land banks.....	169.1	126.5
On other properties.....		1,060.6	Federal intermediate credit banks.....	167.2	143.8
Loans to banks.....	135.0	63.1	Other.....		157.7
All other loans, including overdrafts.....	12,463.0	3,811.2	Other domestic corporations:		
Investments, total.....	26,345.5	28,385.8	Railroads.....	4,636.8	1,798.8
U. S. Government direct obligations.....	14,083.1	15,223.3	Public utilities.....		1,441.1
			Industrials.....		728.8
			All other.....		302.9
			Foreign, public and private.....	276.6	270.5
			Stocks of foreign corporations.....		9.7
			Stocks of Federal Reserve banks and other domestic corporations.....		
				838.3	712.3

<sup>1</sup> Includes rediscounts and overdrafts.

<sup>2</sup> Not available.

Source of tables 264 and 265: Treasury Department, Comptroller of the Currency; Annual Report.

No. 266.—ALL ACTIVE BANKS—ASSETS AND LIABILITIES: 1920 TO 1939

NOTE.—All money figures in thousands of dollars. Data relate in general to June 30. Include banks in Alaska, Hawaii, Puerto Rico, Philippine Islands, and beginning 1935, Virgin Islands, and beginning 1938, Canal Zone, Guam, and American Samoa

	1920	1925	1930	1935	1937	1938
Number of banks.....	30, 139	28, 841	24, 079	16, 053	15, 580	15, 341
Assets, total.....	52, 828, 247	61, 898, 134	78, 462, 376	80, 386, 883	68, 924, 757	68, 277, 707
Loans and discounts <sup>1</sup> .....	30, 650, 050	33, 598, 500	40, 510, 108	20, 410, 200	22, 098, 176	21, 311, 161
U. S. securities, direct obligations.....	3, 213, 094	4, 160, 478	3, 846, 938	12, 201, 560	14, 569, 033	14, 083, 093
Securities fully guaranteed by U. S. Government.....				2, 082, 402	2, 399, 453	2, 091, 194
Other investments.....	8, 038, 862	11, 214, 421	14, 097, 790	9, 933, 103	10, 805, 053	9, 871, 216
Cash in vault.....	1, 076, 378	967, 286	865, 970	734, 576	958, 317	1, 044, 251
Balances with other banks <sup>2</sup> .....	7, 291, 019	8, 955, 529	10, 312, 062	11, 612, 972	14, 870, 297	16, 426, 417
Miscellaneous assets.....	2, 568, 844	3, 017, 914	3, 829, 508	3, 362, 900	3, 323, 828	3, 150, 400
Liabilities, total.....	52, 828, 247	61, 898, 134	78, 462, 376	80, 386, 883	68, 924, 757	68, 277, 707
Demand deposits <sup>3</sup> .....			24, 098, 510	21, 557, 078	20, 992, 488	25, 856, 355
Time deposits <sup>4</sup> .....	37, 268, 077	46, 715, 203	29, 145, 285	23, 128, 115	25, 061, 049	25, 362, 713
Deposits not classified.....			117, 160	19, 727		
United States deposits.....	175, 788	147, 220	213, 722	824, 415	672, 885	602, 101
Deposits of other banks <sup>5</sup> .....	4, 281, 359	5, 132, 636	6, 272, 473	6, 056, 788	7, 165, 948	7, 568, 381
Total deposits.....	41, 785, 224	51, 995, 069	69, 847, 106	51, 686, 183	69, 822, 370	69, 379, 655
Interest, taxes, and other expenses accrued and unpaid.....	(9)	(9)	122, 737	65, 823	70, 959	83, 244
Bills payable and rediscounts, etc.....	3, 093, 999	772, 823	713, 495	71, 776	55, 857	42, 476
Miscellaneous liabilities.....	2, 115, 041	1, 779, 768	2, 497, 451	827, 407	739, 140	590, 498
Capital stock paid in <sup>7</sup> .....	2, 702, 639	3, 169, 711	3, 880, 419	3, 605, 443	3, 250, 650	3, 204, 751
Surplus.....	2, 410, 346	3, 173, 334	4, 068, 909	3, 093, 562	3, 700, 434	3, 611, 598
Undivided profits—net.....			1, 154, 804	617, 791	787, 737	805, 176
Reserves for contingencies <sup>8</sup> .....	840, 998	1, 007, 439	268, 276	518, 938	497, 560	580, 444

  

	1939					
	Total, all banks	National banks	Banks other than national			
			Total	State (commercial)	Mutual savings	Private
Number of banks.....	15, 146	5, 209	9, 937	0, 321	562	64
Assets, total.....	73, 801, 320	33, 180, 578	40, 420, 742	27, 846, 706	11, 798, 804	775, 232
Loans and discounts <sup>1</sup> .....	21, 516, 279	8, 573, 703	12, 942, 576	7, 975, 752	4, 895, 448	71, 376
U. S. securities, direct obligations.....	15, 223, 316	6, 890, 885	8, 323, 431	5, 288, 786	2, 653, 735	380, 910
Securities fully guaranteed by U. S. Government.....	3, 567, 515	1, 809, 844	1, 607, 071	1, 256, 986	389, 725	50, 990
Other investments.....	9, 594, 937	3, 783, 157	5, 811, 780	3, 301, 339	2, 310, 044	110, 397
Cash in vault.....	1, 042, 408	530, 580	511, 828	443, 530	63, 655	4, 643
Balances with other banks <sup>2</sup> .....	19, 584, 188	10, 544, 226	0, 039, 062	8, 274, 024	636, 095	129, 843
Miscellaneous assets.....	3, 072, 677	979, 183	2, 098, 494	1, 216, 289	850, 102	27, 103
Liabilities, total.....	73, 801, 320	33, 180, 578	40, 420, 742	27, 846, 706	11, 798, 804	775, 232
Demand deposits <sup>3</sup> .....	28, 906, 181	15, 580, 161	18, 326, 020	12, 823, 915	2, 565	499, 540
Time deposits <sup>4</sup> .....	25, 786, 225	8, 071, 991	17, 714, 234	7, 254, 803	10, 420, 909	29, 822
United States deposits.....	785, 161	491, 202	293, 959	293, 958	1	
Deposits of other banks <sup>5</sup> .....	9, 099, 127	5, 326, 115	3, 773, 012	3, 636, 879	328	136, 105
Total deposits.....	64, 576, 694	29, 469, 469	35, 107, 225	24, 008, 955	10, 432, 803	665, 467
Interest, taxes, and other expenses accrued and unpaid.....	96, 710	45, 978	50, 732	44, 033	6, 546	153
Bills payable and rediscounts, etc.....	26, 724	3, 540	23, 184	21, 160	485	1, 539
Miscellaneous liabilities.....	808, 984	272, 079	334, 905	301, 650	13, 783	19, 472
Capital stock paid in <sup>7</sup> .....	3, 160, 096	1, 562, 956	1, 597, 140	1, 645, 759	9, 873	41, 603
Surplus.....	3, 551, 706	1, 170, 822	2, 380, 884	1, 318, 171	1, 034, 902	27, 811
Undivided profits—net.....	985, 582	449, 352	539, 230	380, 144	158, 575	511
Reserves for contingencies <sup>8</sup> .....	593, 824	206, 382	387, 442	226, 834	141, 837	18, 771

<sup>1</sup> Includes rediscounts and overdrafts.

<sup>2</sup> Includes reserve with Federal Reserve banks or other reserve agents, exchanges for clearing house, cash items in process of collection, and, except for 1936 to 1939, also cash items not in process of collection.

<sup>3</sup> Exclusive of deposits of other banks and U. S. demand deposits.

<sup>4</sup> Includes postal savings; excludes time balances of banks.

<sup>5</sup> Includes certified and cashiers' checks, and, except for banks other than national for 1920 and 1925, cash letters of credit and travelers' checks outstanding; also includes dividends unpaid for 1920 and 1925, and dividend checks outstanding beginning with 1930.

<sup>6</sup> Interest, taxes, and other expenses accrued and unpaid included with miscellaneous liabilities.

<sup>7</sup> Includes, for banks other than national for 1935 to 1939, capital notes and debentures. Common capital stock included represents net book value for national banks, par value for other banks.

<sup>8</sup> Includes reserves for dividends prior to 1935, and for 1934 to 1939, retirement fund for preferred stock and capital notes and debentures.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

## No. 267.—ALL ACTIVE BANKS—SUMMARY, BY STATES: JUNE 30, 1939

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

DIVISION AND STATE OR TERRITORY	Number of banks	Total assets or liabilities	Loans and discounts, incl. rediscounts and overdrafts	Investments	Cash and balances with other banks <sup>1</sup>	Capital, surplus, and reserves <sup>2</sup>	DEPOSITS		
							Total (incl. inter-bank and U. S.)	Excluding inter-bank and U. S. deposits	
								Demand	Time (incl. postal savings)
Grand total.....	15,146	73,601.3	21,516.3	28,385.8	20,624.0	8,294.2	64,678.7	28,906.2	25,788.2
Continental U. S.....	15,088	73,149.3	21,819.6	28,299.2	20,626.7	8,238.1	64,225.8	28,762.0	25,613.0
New England.....	925	7,680.9	2,767.1	3,124.6	1,338.4	920.2	6,708.0	1,823.2	4,487.4
Maine.....	102	326.5	103.9	199.1	67.6	52.0	333.6	74.2	240.5
New Hampshire.....	107	332.1	103.5	166.1	39.4	39.9	281.5	45.4	228.7
Vermont.....	84	201.0	85.1	71.5	26.4	34.4	165.9	27.3	136.4
Massachusetts.....	390	4,697.6	1,724.5	1,829.3	881.3	540.6	4,132.0	1,208.3	2,552.4
Rhode Island.....	35	559.2	171.2	283.0	74.9	73.9	479.5	128.7	340.3
Connecticut.....	207	1,494.5	574.0	674.7	248.8	179.4	1,310.6	339.3	930.2
Middle Atlantic.....	2,384	34,138.1	6,173.6	13,898.4	9,436.5	4,111.2	29,560.8	13,004.7	11,219.1
New York.....	888	25,380.4	6,996.5	9,872.3	7,451.7	2,876.0	22,097.4	10,086.2	7,486.7
New Jersey.....	393	2,327.0	660.2	998.2	489.2	262.8	2,046.4	723.8	1,266.4
Pennsylvania.....	1,103	6,430.7	1,516.9	3,028.0	1,465.6	972.4	5,417.6	2,194.7	2,476.1
East North Central.....	3,110	11,393.2	2,711.3	4,075.0	3,711.5	1,104.7	10,243.6	5,914.6	3,592.4
Ohio.....	705	2,778.9	844.4	1,018.5	809.4	307.0	2,459.6	1,133.8	1,110.9
Indiana.....	512	1,022.3	283.1	395.8	310.9	108.2	911.8	499.2	1,329.1
Illinois.....	855	4,874.3	931.3	2,083.5	1,772.3	421.0	4,432.9	2,465.0	1,665.9
Michigan.....	456	1,683.1	394.9	726.4	624.0	163.7	1,523.1	734.1	665.0
Wisconsin.....	582	1,033.5	257.5	450.8	294.9	114.7	913.2	388.4	435.8
West North Central.....	3,408	4,459.4	1,409.9	1,507.5	1,435.2	450.4	3,978.1	2,107.6	1,129.6
Minnesota.....	683	1,032.8	317.9	412.1	325.7	104.2	1,069.4	433.4	302.5
Iowa.....	048	709.0	317.1	200.5	176.7	69.6	637.7	359.4	235.8
Missouri.....	636	1,678.4	445.1	590.2	606.9	159.4	1,501.4	767.1	304.6
North Dakota.....	169	79.6	24.4	29.1	22.0	10.5	68.9	36.1	28.8
South Dakota.....	166	101.9	38.1	32.2	27.9	12.4	89.2	55.8	38.5
Nebraska.....	426	352.0	120.4	111.1	111.5	39.7	311.5	190.1	63.1
Kansas.....	680	455.8	146.9	132.3	164.5	54.6	400.0	275.1	76.8
South Atlantic.....	1,687	4,278.7	1,343.1	1,443.0	1,331.1	518.1	3,732.3	1,823.0	1,367.5
Delaware.....	46	267.7	78.4	107.2	68.2	47.2	212.7	127.1	80.9
Maryland.....	190	1,003.7	207.4	497.4	273.6	106.7	894.2	331.2	429.1
Dist. of Columbia.....	22	372.7	104.5	130.9	114.9	47.3	323.7	174.6	117.5
Virginia.....	315	637.2	201.5	175.7	191.9	85.8	596.1	246.1	275.1
West Virginia.....	181	341.8	130.7	86.5	106.4	50.9	289.7	150.8	113.8
North Carolina.....	228	490.8	169.3	140.1	167.3	55.1	431.6	224.6	121.8
South Carolina.....	151	187.9	55.7	39.3	59.0	17.6	139.7	96.4	33.5
Georgia.....	284	519.7	218.0	114.0	166.2	64.0	451.3	236.5	118.0
Florida.....	170	433.1	87.6	151.9	183.6	43.8	393.3	235.5	85.6
East South Central.....	1,134	1,702.9	655.3	445.4	530.2	214.2	1,474.3	759.3	476.9
Kentucky.....	414	544.6	204.8	148.6	168.4	71.1	463.3	243.5	140.4
Tennessee.....	299	589.4	240.8	133.2	191.5	66.6	520.3	242.0	167.0
Alabama.....	216	348.9	135.8	92.5	103.6	49.0	268.4	160.0	98.8
Mississippi.....	205	220.1	73.8	71.2	66.6	27.4	191.3	112.9	67.7
West South Central.....	1,492	2,939.6	884.2	796.4	1,165.6	318.7	2,612.2	1,628.6	477.6
Arkansas.....	216	202.7	74.7	50.5	72.1	25.4	176.5	108.7	40.0
Louisiana.....	146	559.1	159.6	173.0	202.6	51.1	504.8	276.3	113.2
Oklahoma.....	306	516.5	148.0	141.5	215.3	56.4	458.9	288.9	35.2
Texas.....	844	1,661.2	502.0	431.4	675.6	133.0	1,471.9	952.7	239.2
Mountain.....	488	1,056.1	293.1	337.3	402.6	104.0	948.0	551.4	299.5
Montana.....	113	151.6	32.4	56.5	58.7	15.7	135.6	83.6	41.3
Idaho.....	50	102.1	28.7	38.0	33.3	10.1	91.7	59.5	28.9
Wyoming.....	58	72.4	25.2	17.1	28.7	8.3	63.9	36.7	22.0
Colorado.....	144	361.0	84.0	110.1	161.1	34.5	325.2	184.2	90.2
New Mexico.....	41	64.8	21.8	19.7	22.1	5.4	59.3	43.7	12.3
Arizona.....	12	94.7	31.0	30.0	30.8	7.4	86.5	53.3	30.2
Utah.....	59	169.5	58.5	50.6	55.5	19.6	149.1	69.6	60.3
Nevada.....	11	40.1	11.5	15.2	12.4	3.0	36.7	20.9	14.3
Pacific.....	450	5,537.3	2,032.0	2,071.7	1,175.7	498.6	4,973.6	1,851.8	2,617.8
Washington.....	146	507.2	196.1	208.7	180.1	53.7	500.6	255.8	224.5
Oregon.....	75	328.8	96.1	129.8	94.1	27.2	340.4	149.0	122.7
California.....	229	4,611.3	1,789.9	1,733.2	901.6	417.7	4,132.7	1,447.0	2,270.6
Alaska.....	13	19.0	6.7	5.6	6.0	2.2	16.8	8.7	7.3
Canal Zone.....	2	9.3	.3	.7	1.0	-----	9.0	2.2	2.6
Guam.....	1	.6	.3	.2	.1	-----	.4	.1	.3
Hawaii.....	12	136.9	49.2	54.1	28.3	20.8	115.4	47.2	62.4
Philippines.....	15	208.9	111.4	22.0	53.0	27.0	148.5	58.1	73.1
Puerto Rico.....	13	75.6	28.2	3.5	10.9	5.7	59.2	27.4	26.4
American Samoa.....	1	.2	( <sup>3</sup> )	.1	( <sup>3</sup> )	( <sup>3</sup> )	.2	.1	.1
Virgin Islands.....	1	1.6	.6	.4	.5	.2	1.4	.4	1.0

<sup>1</sup> Includes reserve with Federal Reserve banks or other reserve agents, cash items in process of collection, and exchanges for clearing house.<sup>2</sup> Includes capital notes and debentures and retirement fund for preferred stock and capital notes, etc.<sup>3</sup> Less than \$50,000.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

No. 268.—NATIONAL BANKS—ASSETS AND LIABILITIES AS OF DEC. 31: 1938 AND 1939

NOTE.—In thousands of dollars. Includes banks in Alaska, Hawaii, and Virgin Islands

	1939 (DEC. 31)					
	1938	All banks	Central reserve cities	Other reserve cities	Country banks	Non-member banks
Number of banks	5,230	5,103	10	241	4,930	6
Assets, total	31,666,177	35,319,257	9,404,206	14,272,453	11,580,715	61,883
Loans and discounts, including overdrafts	8,489,120	9,043,632	1,088,088	3,876,425	3,457,235	21,884
U. S. Government securities, direct obligations	7,172,471	7,117,420	2,258,593	3,043,076	1,800,206	15,615
Obligations guaranteed by U. S. Government	1,533,488	1,950,515	717,090	727,951	510,248	680
Obligations of States and political subdivisions	1,607,120	1,784,899	343,318	624,988	813,860	2,738
Other bonds, notes, and debentures	1,918,693	1,731,837	377,079	440,290	900,944	3,924
Corporate stocks, including stock of Federal Reserve banks	227,412	220,905	111,512	60,250	49,111	32
<i>Total loans and investments</i>	<i>20,943,315</i>	<i>21,855,208</i>	<i>5,496,766</i>	<i>8,781,975</i>	<i>7,591,601</i>	<i>44,878</i>
Cash in vault	555,304	615,693	55,114	281,130	275,045	4,359
Reserve with Federal Reserve banks	4,775,230	6,489,782	104,210	2,225,629	1,168,044	9,759
Balances with other banks and cash items	4,375,899	5,894,123	575,880	2,532,318	2,216,160	1,031
Bank premises owned, furniture and fixtures	617,601	600,205	96,358	222,147	277,160	32
Real estate owned other than bank premises	140,811	131,091	12,574	40,270	78,825	-----
Investments and other assets indirectly representing bank premises or other real estate	69,522	65,551	995	53,811	10,745	-----
Customers' liability on acceptances outstanding	64,404	55,845	31,134	23,880	829	2
Interest, commissions, rent, and other income earned or accrued but not collected	60,600	58,033	18,431	27,759	11,682	161
Other assets	52,817	49,020	9,745	23,184	15,015	1,076
Liabilities, total	31,666,177	35,319,257	9,404,206	14,272,453	11,580,715	61,883
Demand deposits of individuals, partnerships, and corporations	12,962,084	14,940,000	4,843,278	5,732,535	4,345,632	10,155
Time deposits of individuals, partnerships, and corporations	7,519,544	7,717,408	613,080	2,903,337	4,177,195	23,796
Deposits of U. S. Government, including postal savings	584,932	580,190	96,093	343,907	143,927	4,963
Deposits of States and political subdivisions	2,138,982	2,080,992	315,245	841,626	919,807	4,224
Deposits of banks	4,500,636	5,899,785	2,481,667	2,964,138	452,423	1,557
Other deposits (certified and cashiers' checks, etc.)	344,408	385,017	100,523	151,423	123,124	947
<i>Total deposits</i>	<i>28,050,670</i>	<i>31,612,092</i>	<i>8,459,786</i>	<i>12,938,966</i>	<i>10,162,198</i>	<i>54,042</i>
Bills payable, rediscounts, and other liabilities for borrowed money	5,608	2,882	-----	121	2,761	-----
Mortgages or other liens on bank premises and other real estate	293	120	-----	-----	120	-----
Acceptances executed by or for account of reporting banks and outstanding	71,785	64,175	35,300	27,925	948	2
Interest, discount, rent, and other income collected but not earned	29,288	37,709	6,232	20,882	10,580	15
Interest, taxes, and other expenses accrued and unpaid	40,960	41,031	12,338	18,800	9,810	83
Other liabilities	139,423	155,230	125,482	20,333	9,409	6
Capital stock	1,570,622	1,532,903	295,384	547,881	685,838	3,800
Surplus	1,149,005	1,216,222	342,155	428,676	443,026	2,365
Undivided profits	419,654	445,403	84,156	179,350	181,700	107
Reserves	188,863	210,590	43,373	61,519	74,325	1,373

Source: Treasury Department, Comptroller of the Currency; Abstract of Reports of Condition of National Banks.

## No. 269.—NATIONAL BANKS—SUMMARY, BY STATES: DEC. 30, 1939

NOTE.—All money figures in thousands of dollars. Figures include reserve cities in each State

DIVISION AND STATE OR TERRITORY	Number of banks	Total assets or liabilities	Loans and dis-counts (in-cluding over-drafts)	Invest-ments	Cash and bal-ances with other banks <sup>1</sup>	Capit-als, sur-plus, and re-serves <sup>2</sup>	DEPOSITS		
							Total	Demand deposits of indi-viduals, partnerships, and corporations	Time deposits of indi-viduals, partnerships, and corporations
Total.....	5, 193	35, 319, 257	9, 043, 632	12, 611, 576	12, 503, 613	3, 405, 118	31, 612, 992	14, 940, 600	7, 717, 408
New England.....	322	2, 493, 043	760, 212	703, 515	839, 039	308, 063	2, 165, 712	1, 197, 272	455, 840
Maine.....	38	138, 372	39, 085	55, 240	40, 604	18, 144	119, 890	39, 378	66, 099
New Hampshire.....	62	83, 553	32, 056	30, 046	24, 311	14, 514	74, 032	36, 812	22, 086
Vermont.....	42	63, 234	26, 462	22, 219	17, 994	10, 235	57, 800	18, 080	35, 767
Massachusetts.....	125	1, 710, 135	519, 798	445, 818	681, 008	203, 840	1, 488, 179	849, 861	225, 188
Rhode Island.....	12	124, 474	43, 722	37, 879	41, 147	16, 922	106, 968	74, 503	17, 484
Connecticut.....	59	362, 975	98, 189	117, 313	133, 975	42, 408	318, 843	178, 098	88, 316
Middle Atlantic.....	1, 369	12, 118, 643	2, 604, 688	4, 867, 947	4, 195, 998	1, 261, 945	10, 660, 087	5, 370, 394	2, 242, 140
New York.....	427	7, 627, 183	1, 559, 483	3, 068, 201	2, 823, 351	707, 439	6, 748, 497	3, 868, 449	764, 660
New Jersey.....	230	981, 054	244, 811	405, 680	285, 945	105, 715	872, 643	318, 023	413, 797
Pennsylvania.....	693	3, 508, 303	800, 294	1, 494, 116	1, 081, 702	448, 791	3, 038, 927	1, 183, 892	1, 063, 674
East North Central.....	883	7, 203, 241	1, 427, 083	2, 561, 328	2, 756, 408	602, 359	6, 377, 982	3, 105, 151	1, 614, 798
Ohio.....	244	1, 279, 515	339, 340	439, 916	460, 667	137, 914	1, 138, 257	536, 386	362, 911
Indiana.....	125	671, 759	128, 728	231, 232	198, 976	53, 009	517, 272	230, 268	147, 396
Illinois.....	327	3, 836, 958	679, 623	1, 536, 376	1, 533, 383	283, 519	3, 508, 012	1, 698, 442	647, 741
Michigan.....	82	960, 596	172, 067	409, 145	355, 678	71, 512	877, 031	428, 657	251, 854
Wisconsin.....	105	594, 413	107, 325	264, 659	207, 702	56, 405	536, 400	218, 398	204, 890
West North Central.....	793	8, 598, 219	228, 000	819, 311	997, 423	227, 480	2, 557, 557	1, 031, 327	494, 113
Minnesota.....	191	323, 005	734, 895	231, 170	293, 279	74, 643	744, 933	309, 322	205, 739
Iowa.....	108	277, 983	95, 287	31, 288	104, 686	25, 232	252, 220	109, 813	63, 099
Missouri.....	86	797, 783	103, 905	245, 390	343, 504	58, 933	736, 619	309, 244	109, 366
North Dakota.....	50	57, 343	21, 459	18, 873	14, 756	6, 232	50, 880	25, 448	10, 541
South Dakota.....	41	68, 429	25, 542	20, 123	20, 606	6, 639	61, 607	27, 888	10, 670
Nebraska.....	135	294, 716	90, 214	92, 514	104, 784	27, 800	295, 001	130, 927	43, 340
Kansas.....	182	273, 957	79, 607	70, 953	110, 798	27, 996	245, 391	119, 115	30, 368
South Atlantic.....	460	2, 246, 705	640, 747	717, 857	822, 950	218, 688	2, 020, 124	919, 042	515, 888
Delaware.....	15	24, 568	8, 399	8, 754	6, 316	6, 379	19, 145	9, 355	8, 524
Maryland.....	63	420, 180	66, 638	207, 565	138, 985	31, 479	387, 285	150, 947	95, 233
Dist. of Col.....	9	232, 185	51, 008	81, 270	91, 132	20, 935	210, 650	129, 363	46, 995
Virginia.....	130	438, 434	163, 583	114, 693	145, 977	50, 607	386, 091	148, 830	143, 904
West Virginia.....	47	187, 807	67, 190	47, 576	64, 812	24, 149	163, 176	73, 915	61, 570
North Carolina.....	72	128, 154	41, 060	28, 214	55, 702	13, 623	114, 252	60, 730	27, 633
South Carolina.....	20	94, 755	31, 001	18, 108	43, 650	8, 553	86, 567	47, 957	13, 737
Georgia.....	62	374, 957	136, 354	89, 542	138, 652	34, 217	338, 459	148, 206	65, 792
Florida.....	62	345, 665	74, 914	122, 135	137, 724	20, 846	315, 000	149, 650	52, 500
East South Central.....	258	1, 135, 687	389, 560	285, 555	415, 187	119, 090	1, 012, 845	416, 086	270, 891
Kentucky.....	95	298, 313	104, 886	80, 952	105, 446	30, 911	236, 298	127, 435	69, 011
Tennessee.....	71	485, 858	185, 734	112, 007	173, 824	45, 651	439, 252	168, 229	110, 062
Alabama.....	66	270, 779	88, 616	68, 967	90, 850	34, 369	235, 344	100, 350	67, 804
Mississippi.....	24	79, 817	20, 324	23, 600	33, 037	8, 159	71, 641	29, 872	24, 014
West South Central.....	734	2, 568, 828	719, 520	669, 107	1, 111, 177	244, 397	2, 315, 341	1, 131, 654	342, 155
Arkansas.....	49	129, 920	34, 353	33, 495	58, 874	13, 354	116, 217	53, 809	27, 167
Louisiana.....	20	415, 739	113, 463	129, 038	162, 443	30, 521	382, 191	158, 955	65, 831
Oklahoma.....	211	457, 850	120, 172	122, 869	195, 341	49, 595	407, 112	192, 623	65, 950
Texas.....	445	1, 565, 108	442, 632	383, 705	694, 510	150, 927	1, 409, 821	726, 627	183, 207
Mountain.....	211	770, 014	201, 846	223, 771	326, 955	67, 525	693, 451	344, 622	184, 363
Montana.....	43	94, 257	18, 348	32, 018	41, 416	8, 699	85, 392	44, 714	23, 172
Idaho.....	18	55, 743	16, 248	18, 898	19, 452	4, 840	50, 812	25, 349	14, 860
Wyoming.....	26	56, 478	17, 030	14, 039	24, 513	5, 783	50, 451	21, 561	14, 883
Colorado.....	78	313, 023	70, 809	87, 590	150, 465	27, 956	283, 941	145, 921	70, 697
New Mexico.....	22	56, 364	16, 350	16, 253	22, 341	4, 009	52, 320	25, 097	10, 005
Arizona.....	5	69, 569	27, 425	17, 122	33, 050	5, 128	63, 955	34, 940	15, 188
Utah.....	13	83, 560	23, 665	23, 795	32, 980	8, 323	74, 804	30, 318	21, 127
Nevada.....	6	41, 020	11, 782	14, 052	14, 252	2, 787	37, 776	16, 722	14, 453
Pacific.....	172	4, 125, 416	1, 940, 192	1, 515, 216	824, 390	349, 898	3, 750, 371	1, 404, 907	1, 573, 424
Washington.....	45	481, 964	159, 804	153, 627	161, 492	42, 081	438, 001	210, 141	132, 459
Oregon.....	27	302, 741	83, 901	124, 154	86, 984	23, 316	278, 187	126, 250	98, 872
California.....	100	3, 340, 711	1, 299, 627	1, 237, 435	675, 914	284, 439	3, 034, 183	1, 068, 556	1, 342, 093
Alaska.....	4	8, 721	2, 663	1, 953	3, 912	6, 845	7, 876	4, 388	2, 308
Hawaii.....	1	51, 868	18, 660	20, 682	9, 558	8, 651	44, 810	14, 566	20, 623
Virgin Islands.....	1	1, 504	561	354	648	228	1, 856	211	865

<sup>1</sup> Includes reserve with Federal Reserve banks, exchanges for clearing house, and cash items in process of collection.<sup>2</sup> Includes preferred stock retirement fund.

Source: Treasury Department, Comptroller of the Currency; Abstract of Reports of Condition of National Banks.

**No. 270.—NATIONAL BANKS—CAPITAL, SURPLUS, CAPITAL FUNDS, NET ADDITION TO PROFITS, DIVIDENDS, AND RATIOS: 1896 TO 1939**

NOTE.—All figures, except ratios, in millions and tenths of millions of dollars. Net additions to profits, are calculated before deducting dividends. Figures include data for banks in Alaska and Hawaii and, beginning 1935, in Virgin Islands

PERIOD (YEARS ENDED JUNE 30)	CAPITAL, PAR VALUE		Surplus	Capital funds <sup>1</sup>	Net addition to profits	DIVIDENDS		RATIOS (PERCENT) OF NET ADDITIONS TO PROFITS TO—		
	Pre-ferred stock	Com- mon stock				On pre-ferred stock	On com- mon stock	Com- mon capital	Com- mon and pre-ferred capital	Capital funds
1896-1900 (avg.) <sup>2</sup>		623.3	249.4	972.1	57.1		45.4	9.12		5.88
1901-1905 (avg.) <sup>2</sup>		730.0	352.4	1,257.7	103.4		66.4	14.17		8.22
1906-1910 (avg.) <sup>3</sup>		911.1	556.7	1,671.6	139.3		97.0	15.29		8.33
1911-1915 (avg.)		1,047.4	706.4	2,023.7	148.7		117.9	14.20		7.35
1916-1920 (avg.)		1,118.0	832.3	2,307.4	217.3		130.7	19.44		9.42
1921-1925 (avg.)		1,322.7	1,069.0	2,881.4	204.0		166.4	15.47		7.10
1926-1930 (avg.)		1,570.5	1,389.2	3,510.2	263.9		203.9	16.81		7.62
1931-1935 (avg.)	330.3	1,467.1	1,076.0	3,105.9	107.6	6.5	127.8	7.33	6.46	3.37
1922		1,307.2	1,048.8	2,848.5	183.7		165.9	14.05		6.45
1923		1,328.9	1,070.6	2,875.7	203.5		179.2	15.31		7.08
1924		1,334.0	1,080.6	2,916.2	195.7		163.7	14.67		6.71
1925		1,369.4	1,118.9	2,970.1	223.9		165.0	16.35		7.54
1926		1,412.9	1,198.9	3,089.4	249.2		173.8	17.04		8.07
1927		1,474.2	1,256.9	3,239.5	262.3		180.8	17.12		7.79
1928		1,593.9	1,419.7	3,571.0	270.2		205.4	16.95		7.67
1929		1,627.4	1,479.1	3,074.8	301.8		222.7	18.55		8.21
1930		1,744.0	1,591.3	3,076.1	246.3		237.0	14.12		6.19
1931		1,087.7	1,493.9	3,755.7	52.5		211.3	3.11		1.40
1932		1,569.0	1,269.4	3,279.8	139.8		169.2	8.91		4.26
1933		1,463.4	940.6	2,856.6	218.4	( <sup>4</sup> )	99.1	14.39	14.39	7.64
1934		1,326.7	854.1	3,001.0	303.5		72.4	22.83	17.46	10.11
1935		525.1	1,288.8	831.8	3,086.4	71.4	16.2	87.2	5.54	3.93
1936		443.5	1,254.8	973.4	3,165.7	241.7	20.4	105.2	19.26	14.23
1937		299.0	1,288.7	1,073.2	3,212.2	286.6	14.5	139.0	22.24	18.05
1938		266.1	1,311.3	1,118.4	3,273.8	208.4	9.8	134.0	15.89	13.21
1939		246.6	1,319.4	1,170.8	3,389.5	225.0	8.5	120.3	17.05	14.36

<sup>1</sup> Represents aggregate of capital stock, surplus, undivided profits, and reserves. In the years 1896 to 1933, inclusive, the amount of capital stock included in capital funds consists of the par value thereof, whereas subsequent to 1933 only the book value of capital stock is included in capital funds.

<sup>2</sup> Averages for years ended Aug. 31.  
<sup>3</sup> Average for period Aug. 31, 1905, to June 30, 1910.  
<sup>4</sup> Average for 1933 to 1935.

<sup>5</sup> Deficit.  
<sup>6</sup> Less than \$50,000.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

**No. 271.—NATIONAL BANKS—LOANS AND INVESTMENTS, BY CLASS, AS OF DECEMBER 31: 1930 TO 1939**

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

	1930	1935	1936	1937	1938	1939 (Dec. 30)
Loans and discounts, total <sup>1</sup>	14,369.4	7,508.8	8,271.2	8,813.5	8,489.1	9,048.6
Commercial and industrial loans	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3,090.6	3,459.8
Agricultural loans	( <sup>2</sup> )	( <sup>2</sup> )	374.1	430.3	612.2	620.7
Real estate loans						
On farm land (including improvements)	301.7	209.0	210.9	215.6	225.2	232.1
On residential property (other than farm)					1,093.0	1,215.5
On other properties	1,274.5	1,111.2	1,221.1	1,346.2	413.3	462.0
Loans to brokers and dealers in securities	992.7	420.2	339.6	359.8	398.9	314.0
Other loans for the purpose of purchasing or carrying stocks, bonds, and other securities	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	477.7	415.3
Loans to banks	413.7	63.6	52.9	42.2	53.6	26.5
Commercial paper bought in open market	279.5	205.5	244.3	259.6	169.0	193.0
Acceptances of other banks payable in United States	169.6	71.7	75.5	64.9	43.0	30.8
Notes, bills, acceptances, and other instruments evidencing loans, payable in foreign countries	35.4	13.1	9.3	15.1	7.2	6.9
Acceptances of reporting banks purchased or discounted	10,902.3	105.8	90.5	81.2	57.1	54.2
All other loans, including overdrafts		5,302.9	5,453.0	6,008.6	1,848.3	1,982.2

<sup>1</sup> Includes overdrafts. <sup>2</sup> Not available.

No. 271.—NATIONAL BANKS—LOANS AND INVESTMENTS, BY CLASS, AS OF  
DECEMBER 31: 1930 TO 1939—Continued

	1930	1935	1936	1937	1938	1939 (Dec. 30)
Investments, total.....	7,092.1	11,477.5	12,780.0	11,763.0	12,450.2	12,811.6
U. S. Government direct obligations.....	2,654.8	6,554.8	7,300.2	6,763.9	7,172.5	7,117.4
Obligations guaranteed by U. S. ....	1,257.3	1,257.3	1,385.4	1,309.0	1,533.5	1,956.5
Reconstruction Finance Corporation.....		183.6	142.7	180.7	257.5	439.6
Home Owners' Loan Corporation.....		754.7	869.4	826.8	843.0	988.3
Federal Farm Mortgage Corporation.....		319.1	343.3	292.5	330.3	288.0
Other Government corporations and agencies.....					93.7	240.6
Obligations of States and political subdivisions.....	1,107.9	1,452.9	1,503.5	1,401.4	1,607.1	1,784.9
Other bonds, notes, and debentures:						
U. S. Government corporations and agencies not guaranteed by U. S. ....		194.2	210.0	209.7	150.2	164.0
Federal land and intermediate credit banks <sup>1</sup> .....		18.2	14.8	15.3		
Joint-stock land banks <sup>2</sup> .....					68.0	93.7
Other.....						
Other domestic corporations:						
Railroads.....	690.1	584.0	690.1	623.0	562.6	515.5
Public utilities.....	815.6	607.0	724.7	579.7	538.0	410.5
Industrials.....	1,040.4	428.9	535.0	468.7	405.3	374.5
Other.....					56.6	47.2
Foreign, public and private.....	521.1	163.9	162.7	135.1	129.0	126.5
Corporate stocks:						
Federal Reserve banks.....	99.9	79.4	78.5	80.1	81.3	82.1
Other banks.....	112.6	26.3	25.6	20.1	57.6	54.1
Other domestic corporations.....		110.6	143.5	148.0	87.7	83.9
Foreign corporations.....					.8	.8
Claims, judgments, etc.....	40.7					

<sup>1</sup> Not reported separately prior to 1934.

Source: Treasury Department, Comptroller of the Currency; Abstract of Reports of Condition of National Banks.

No. 272.—NATIONAL BANKS—FIDUCIARY ACTIVITIES: 1930 TO 1939

[All money figures, except averages, in thousands of dollars]

	YEAR ENDED JUNE 30—				
	1930	1935	1937	1938	1939
Banks authorized to exercise fiduciary powers:					
Number, total.....	2,472	1,932	1,913	1,905	1,884
Number exercising powers.....	1,829	1,578	1,551	1,543	1,534
Number having authority but not exercising powers.....	643	354	362	362	350
Capital, total.....	( <sup>1</sup> )	1,508,133	1,301,368	1,293,638	1,283,457
Assets, total.....	23,529,097	22,543,478	26,205,956	25,986,953	23,823,244
Trusts, individual, total number.....	79,912	129,711	135,772	135,655	136,451
Living trusts.....	( <sup>2</sup> )	69,162	70,665	68,905	70,839
Court trusts.....	( <sup>2</sup> )	60,540	65,107	66,750	65,612
Trust assets, individual, total value.....	4,473,041	6,251,292	9,666,397	9,410,017	9,283,907
Investments, total.....	3,705,931	8,341,958	8,135,314	8,059,393	7,817,871
Bonds.....	( <sup>2</sup> )	4,066,254	3,982,283	3,918,331	3,786,977
Stocks.....	( <sup>2</sup> )	2,442,394	2,555,195	2,590,944	2,514,227
Real-estate mortgages.....	( <sup>2</sup> )	683,917	580,471	570,893	550,378
Real estate.....	( <sup>2</sup> )	597,552	595,745	594,359	573,050
Miscellaneous.....	( <sup>2</sup> )	571,841	421,620	384,836	393,239
Deposits in savings banks.....	8,693	20,207	25,352	38,946	33,014
Deposits in own banks.....	153,516	354,343	500,595	368,570	355,831
Deposits in other banks.....	15,945	8,277	11,403	14,296	15,004
Other assets.....	589,055	526,507	983,734	947,812	1,062,187
Trusts, corporate, number.....	11,511	16,801	15,983	17,100	16,750
Bond issues outstanding, bank acting as trustee.....	11,803,717	11,605,145	10,570,033	10,218,407	9,768,727
Insurance trusts:					
Number of banks administering.....	153	282	299	324	343
Number being administered.....	396	1,048	1,213	1,297	1,433
Assets under administration, volume.....	13,495	47,346	55,706	57,964	65,790
Agreements not operative:					
Number of banks holding.....	680	704	702	704	704
Number of agreements.....	13,543	17,689	16,259	16,071	15,533
Insurance policies held, face value.....	580,706	681,142	639,827	612,343	589,664
Gross earnings of trust departments reporting fees.....	22,765	26,479	33,779	33,447	31,685
Average per trust <sup>3</sup> .....	\$248	\$184	\$225	\$217	\$200
Average per trust department <sup>3</sup> .....	\$14,839	\$18,723	\$23,952	\$23,401	\$22,246

<sup>1</sup> Capital, surplus, and undivided profits, \$3,123,303,000.

<sup>2</sup> No data available.

<sup>3</sup> Based on earnings of banks reporting trust earnings.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

**NO. 273.—BANKS—NUMBER, PERSONNEL, AND PAY ROLL, BY TYPE OF BANK,  
FOR THE UNITED STATES: 1935**

NOTE.—Data for 20 State banks and 3 foreign bank agencies, from which no reports were received, are not included. Unit banks are individual organizations with no branches. Federal Reserve banks and their branches and agencies and foreign bank agencies are considered as unit banks in this report. The number of branch banks includes 890 main offices and 3,332 branches

[Pay roll in thousands of dollars]

TYPE OF BANK	NUMBER OF BANKS			TOTAL EMPLOYMENT		EXECUTIVES AND SALARIED CORPORATION OFFICERS		ALL OTHER EMPLOYEES	
	Total	Unit banks	Branch banks	Number <sup>1</sup>	Pay roll	Number <sup>1</sup>	Pay roll	Number <sup>1</sup>	Pay roll
All banks.....	19,581	15,350	4,232	266,458	487,695	58,492	197,316	207,976	290,378
National banks.....	6,725	5,226	1,499	114,102	211,944	23,862	87,855	90,240	124,109
State banks.....	11,574	9,143	2,431	119,663	210,699	30,841	90,355	88,822	120,644
Private banks.....	253	236	17	2,589	4,972	251	467	2,338	4,506
Mutual savings banks.....	673	492	181	13,997	31,369	2,482	12,735	11,515	18,034
Industrial and Morris Plan banks.....	249	155	94	2,350	3,982	521	1,714	1,829	2,268
Federal Res. and Joint-stock land banks <sup>2</sup> .....	107	107	-----	13,757	24,428	525	4,210	13,232	20,218

<sup>1</sup> Count of employees as of December 1935.

<sup>2</sup> Includes 23 foreign banking agencies.

**NO. 274.—BANKS—NUMBER, PERSONNEL, AND PAY ROLL, BY STATES: 1935**

NOTE.—Data for 20 State banks and 3 foreign bank agencies, from which no reports were received, are not included. These are located as follows: New Hampshire, 1; Massachusetts, 8; Rhode Island, 3; New York, 6 (including 3 foreign bank agencies); Michigan, 2; Arkansas, 1; Texas, 2

[Pay roll in thousands of dollars]

DIVISION AND STATE	Number of banks	TOTAL EMPLOYMENT		DIVISION AND STATE	Number of banks	TOTAL EMPLOYMENT	
		Number <sup>1</sup>	Pay roll			Number <sup>1</sup>	Pay roll
United States.....	19,581	266,458	487,695	South Atlantic—Con.			
New England.....	1,245	21,099	41,325	Virginia.....	401	3,827	6,127
Maine.....	164	1,315	2,190	West Virginia.....	138	1,589	2,640
New Hampshire.....	112	860	1,392	North Carolina.....	338	2,530	3,826
Vermont.....	106	781	1,303	South Carolina.....	169	987	1,370
Massachusetts.....	552	12,200	24,171	Georgia.....	372	3,126	4,698
Rhode Island.....	77	1,765	3,338	Florida.....	163	1,901	3,160
Connecticut.....	234	4,188	8,882	East South Central.....	1,372	10,089	14,833
Middle Atlantic.....	3,412	94,419	197,867	Kentucky.....	477	3,480	5,073
New York.....	1,630	61,645	135,132	Tennessee.....	393	3,062	4,530
New Jersey.....	648	9,131	17,706	Alabama.....	251	2,123	3,227
Pennsylvania.....	1,239	23,643	44,470	Mississippi.....	251	1,424	2,003
East North Central.....	3,785	48,380	80,573	West South Central.....	1,825	16,131	25,210
Ohio.....	889	12,113	20,730	Arkansas.....	260	1,416	1,905
Indiana.....	611	4,870	6,787	Louisiana.....	204	2,380	3,860
Illinois.....	862	18,938	33,330	Oklahoma.....	418	3,251	4,887
Michigan.....	665	7,346	11,739	Texas.....	943	9,084	14,558
Wisconsin.....	728	5,063	7,988	Mountain.....	614	5,567	9,343
West North Central.....	3,820	26,413	39,472	Montana.....	122	784	1,382
Minnesota.....	704	5,891	9,788	Idaho.....	58	607	838
Iowa.....	505	3,961	5,324	Wyoming.....	60	439	727
Missouri.....	707	8,308	12,801	Colorado.....	168	1,909	3,282
North Dakota.....	208	978	1,362	New Mexico.....	44	334	528
South Dakota.....	214	900	1,322	Arizona.....	39	492	849
Nebraska.....	453	2,608	3,976	Utah.....	72	854	1,495
Kansas.....	720	3,587	4,898	Nevada.....	21	148	242
South Atlantic.....	2,088	19,891	32,437	Pacific.....	1,470	24,519	47,134
Delaware.....	62	792	1,491	Washington.....	241	3,075	5,337
Maryland.....	292	3,455	5,882	Oregon.....	140	1,921	3,122
Dist. of Columbia.....	53	1,734	3,234	California.....	1,083	19,523	38,676

<sup>1</sup> Count of employees as of December 1935.

Source of tables 273 and 274: Department of Commerce, Bureau of the Census; Census of Business reports on Banks.



### NO. 275.—BANK SUSPENSIONS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS: 1921 TO 1939

NOTE.—Banks closed either permanently or temporarily, on account of financial difficulties, by order of supervisory authorities or by the directors of the bank

YEAR OR PERIOD	NUMBER OF BANKS				DEPOSITS (IN THOUSANDS OF DOLLARS)			
	Total	National	State member	Non-member	Total	National	State member	Non-member
1921-1929	5,714	766	229	4,719	1,625,468	363,324	128,677	1,133,467
1930	1,352	161	27	1,164	853,363	170,446	202,399	480,518
1931	2,294	409	107	1,778	1,090,669	439,171	293,957	957,541
1932	1,456	276	55	1,125	715,626	214,150	55,153	446,323
1933 <sup>1</sup>	4,004	1,101	174	2,729	3,593,975	1,610,549	783,309	1,205,927
1934	57	1	—	56	35,937	40	—	35,897
1935	44	4	—	40	10,015	5,313	—	4,702
1936	34	1	—	43	11,306	507	—	10,799
1937	59	4	2	53	19,723	7,379	1,708	10,636
1938	55	1	1	53	13,012	93	211	12,765
1939	42	4	3	35	34,998	1,341	24,629	29,703
Total 1921 to 1939	15,111	2,728	598	11,785	8,610,092	2,812,256	1,490,133	4,307,703

<sup>1</sup> Comprises banks suspended before banking holiday, licensed banks suspended or placed on restricted basis following banking holiday, unlicensed banks placed in liquidation or receivership, and unlicensed banks granted licenses after June 30, 1933. At close of banking holiday (Mar. 15, 1933) 1,400 national banks with deposits (on Dec. 31, 1932) of \$1,942,574,000, and 225 State bank members with deposits of \$925,777,000 had not been licensed to reopen. On Apr. 12, 1933, the earliest date following the banking holiday for which corresponding data are available regarding nonmember banks, there were in the United States 1,108 unlicensed national banks with deposits of \$1,818,541,000, 152 unlicensed State member banks with deposits of \$842,982,000, and 2,938 unlicensed nonmember banks with deposits of \$1,317,607,000. By the end of June 1933 supervisory authorities had completed their examination of all or nearly all the banks not granted licenses immediately following the banking holiday and had authorized such of the banks to reopen as could qualify for licenses. On June 30, 1933, there remained 935 unlicensed national banks with deposits of \$1,028,347,000, 114 State member banks with deposits of \$239,268,000, and 1,983 nonmember banks with deposits of \$1,068,984,000 to be rehabilitated and reopened or to be placed in liquidation or receivership. All such banks are treated as suspensions.

<sup>2</sup> Includes 2 insured nonmember banks in 1934, 22 in 1935, 40 in 1936, 47 in 1937, 47 in 1938, and 25 in 1939, with deposits of \$1,912,000, \$3,768,000, \$10,207,000, \$10,156,000, \$11,721,000, and \$6,589,000, respectively. Federal deposit insurance became operative Jan. 1, 1934.

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

### NO. 276.—SAVINGS, CERTAIN MAJOR ITEMS, FOR THE UNITED STATES: 1921 TO 1939

NOTE.—In millions of dollars. The last column should not be added to other items, as there is much duplication between it and them. For example, banks and insurance companies both invest their assets in securities of corporations. On the other hand, many forms of savings, some of large amount, are not listed

CALENDAR YEAR (EXCEPT AS NOTED)	Increase in savings and other time deposits in banks, excluding postal savings <sup>1,2</sup>	Increase in postal savings deposits <sup>3</sup>	Increase in assets of building and loan associations <sup>4</sup>	PREMIUMS PAID TO LIFE-INSURANCE COMPANIES, LESS OPERATING EXPENSES			Corporate savings <sup>4</sup>	New capital issues
				Total	Ordinary companies	Industrial companies		
1921	1,348	\$ 5	356	1,086	717	369	—	3,577
1922	1,094	\$ 15	452	1,166	747	419	1,747	4,304
1923	2,129	\$ 6	600	1,295	806	489	2,528	5,593
1924	1,432	1	823	1,433	816	617	1,373	6,220
1925	1,943	\$ 1	743	1,690	1,043	647	2,957	6,344
1926	1,598	2	825	1,873	1,145	728	2,335	7,701
1927	1,376	13	822	2,079	1,269	810	1,115	8,114
1928	2,325	5	860	2,296	1,372	924	2,400	10,183
1929	\$ 295	2	679	2,430	1,433	997	2,156	7,023
1930	236	22	129	2,573	1,493	1,079	\$ 217	3,116
1931	\$ 336	172	\$ 112	2,730	1,538	1,142	\$ 327	1,192
1932	\$ 254	437	\$ 237	2,594	1,449	1,145	\$ 8,001	710
1933	\$ 5,508	402	\$ 773	2,461	1,367	1,054	\$ 4,481	1,386
1934	788	11	\$ 587	2,564	1,487	1,077	\$ 4,435	1,472
1935	1,138	7	\$ 622	2,634	1,531	1,103	\$ 4,500	2,101
1936	993	27	\$ 234	2,595	1,441	1,153	\$ 800	2,354
1937	1,007	30	86	2,588	1,392	1,196	\$ 960	2,283
1938	147	\$ 16	\$ 84	2,634	1,414	1,220	—	—
1939	482	10	46	2,640	1,414	1,225	—	—

<sup>1</sup> Based on figures shown in table 278 deducting postal savings deposited in banks.

<sup>2</sup> Data are for fiscal years ended June 30.

<sup>3</sup> Includes data for fiscal years for some States.

<sup>4</sup> Net profit less cash dividends and income and profits tax as compiled from income tax returns.

<sup>5</sup> Decrease.

Sources: See sources of tables 198, 278, 286, 287, 320, and 342.

### No. 277.—SAVINGS BANKS—NUMBER OF DEPOSITORS AND AMOUNT OF SAVINGS DEPOSITS, CONTINENTAL UNITED STATES: 1820 TO 1910

NOTE.—Data for later years are as of June 30 or about June 30. In earlier years reports were of various dates. Prior to 1900 data include both mutual and stock savings banks; beginning 1900 they are for mutual savings banks only, which in that year had about 90 percent of the savings deposits in all savings banks. For figures for later years and also savings deposits in all classes of banks, see table 278

[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	1888	3,838	1,304.2	1900	5,370	2,134.5
1830	38	7.0	1889	4,022	1,425.3	1901	5,612	2,260.3
1840	75	14.1	1890	4,259	1,524.8	1902	5,871	2,280.2
1850	251	43.4	1891	4,533	1,623.1	1903	6,117	2,512.5
1860	694	149.3	1892	4,782	1,712.8	1904	6,286	2,602.0
1865	981	242.6	1893	4,831	1,785.2	1905	6,464	2,736.5
1870	1,631	549.9	1894	4,778	1,748.0	1906	6,763	2,908.7
1875	2,360	924.0	1895	4,876	1,810.6	1907	7,071	3,055.3
1880	2,336	819.1	1896	5,065	1,907.2	1908	7,137	3,055.7
1885	3,071	1,095.2	1897	5,201	1,939.4	1909	7,205	3,144.6
1886	3,159	1,141.5	1898	5,239	2,027.2	1910	7,482	3,360.6
1887	3,418	1,235.2	1899	5,524	2,179.5			

Source: Treasury Department, Comptroller of the Currency; Annual Report.

### No. 278.—SAVINGS AND OTHER TIME DEPOSITS AND DEPOSITORS IN BANKS, CONTINENTAL UNITED STATES: 1910 TO 1939

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 8 States in 1920 and 1927, 4 in 1928 to 1930, 3 in 1931, 2 in 1932 and 1933, and 1 in 1934 to 1937, 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)				SAVINGS AND OTHER TIME DEPOSITORS (THOUSANDS)			
	All banks	Mutual savings banks	State, etc., banks <sup>1</sup>	National banks	All banks	Mutual savings banks	State, etc., banks <sup>1</sup>	National banks
1910	6,835	( <sup>2</sup> ) ( <sup>3</sup> )	( <sup>4</sup> )	1,014		( <sup>5</sup> )		2,087
1911	7,963	3,469	3,024	1,480		7,691		2,341
1912	8,404	3,609	3,260	1,536		7,880		2,676
1913	8,548	3,812	3,308	1,369		8,034		2,965
1914	8,712	3,910	3,348	1,454		7,901		( <sup>6</sup> )
1915	8,807	3,945	3,541	1,321		7,643		( <sup>6</sup> )
1916	9,469	4,102	3,641	1,710		7,917		( <sup>6</sup> )
1917	10,876	4,339	4,364	2,173		8,651		( <sup>6</sup> )
1918	11,535	4,382	4,817	2,336		8,326		( <sup>6</sup> )
1919	13,040	4,732	5,532	2,776		9,040		6,763
1920	15,189	5,058	6,668	3,463		9,079		7,980
1921	16,501	5,508	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	6,693	9,397	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	10,050	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	53,188	11,643	25,364	16,181
1929	28,218	8,904	11,429	7,889	52,764	11,875	25,467	15,422
1930	28,479	9,206	11,176	8,097	52,729	12,077	25,115	15,537
1931	28,220	10,034	10,141	8,045	51,899	12,544	23,662	15,193
1932	24,281	10,040	7,283	6,958	44,352	12,735	17,520	14,097
1933	21,126	9,760	5,453	5,912	39,262	12,995	14,289	11,978
1934	21,613	9,803	5,452	6,498	39,562	13,342	12,734	13,486
1935	22,614	9,872	5,873	6,860	41,815	13,415	13,631	14,260
1936	23,464	10,010	6,265	7,188	42,397	13,374	13,988	15,035
1937	24,492	10,164	6,794	7,534	44,226	13,626	14,977	15,723
1938	24,626	10,151	6,876	7,599	44,549	14,132	14,549	15,863
1939	25,081	10,385	7,003	7,693	45,420	14,193	15,303	16,924

<sup>1</sup> Includes deposits evidenced by savings passbooks, time certificates of deposit payable in 90 days or over-time deposits, open account, postal savings redeposited in banks, and, for some States, Christmas savings, and similar accounts.

<sup>2</sup> Includes State, stock savings, and private banks and trust companies.

<sup>3</sup> Combined data for other than national banks included in total.

<sup>4</sup> For data for 1910 and earlier years from reports of the Comptroller of Currency, see table 277.

<sup>5</sup> Not available.

<sup>6</sup> Figures include depositors for State-chartered banks in States which did not previously report depositors as follows (figures in parentheses are the number of depositors for the first year the given States reported): Beginning 1928, Ohio and Idaho (2,376,000 depositors); beginning 1931, Missouri (623,000 depositors); beginning 1932, Colorado (50,000 depositors); and beginning 1934, Indiana (286,000 depositors).

<sup>7</sup> Represents the number of savings passbook accounts.

Source: American Bankers' Association, Savings Deposits and Depositors.

No. 279.—SAVINGS AND OTHER TIME DEPOSITS AND DEPOSITORS IN ALL BANKS AND TRUST COMPANIES, BY STATES AND FOR HAWAII, ON OR ABOUT JUNE 30: 1910 TO 1939

DIVISION AND STATE	SAVINGS AND OTHER TIME DEPOSITS (MILLIONS AND TENTHS OF MILLIONS OF DOLLARS)							SAVINGS AND OTHER TIME DE- POSITORS (THOUSANDS)	
	1910 <sup>1</sup>	1920	1925	1930	1935	1938	1939	1933	1930
Continental U. S.	6,835.5	15,188.6	23,134.1	28,478.6	22,614.0	24,625.6	25,080.9	44,549	45,420
New England	1,480.8	2,639.9	3,750.2	4,832.3	4,303.8	4,392.6	4,423.4	6,933	6,956
Maine	128.0	204.6	265.7	319.3	235.4	240.2	248.0	543	545
New Hampshire	88.7	147.8	190.5	227.1	217.7	228.9	228.2	308	371
Vermont	74.3	133.1	173.4	205.1	143.7	138.1	135.2	278	268
Massachusetts	763.6	1,471.0	2,139.5	2,800.1	2,507.5	2,543.9	2,550.9	3,730	3,743
Rhode Island	123.9	215.4	299.2	372.6	354.1	337.1	339.5	589	602
Connecticut	281.5	497.5	681.9	908.2	865.3	903.4	921.7	1,424	1,426
Middle Atlantic	2,662.4	4,705.3	8,778.6	11,789.6	10,307.9	10,918.1	11,040.4	17,789	17,789
New York	1,825.3	2,807.8	5,546.1	7,016.2	6,935.0	7,328.0	7,412.2	10,460	10,543
New Jersey	234.4	576.0	1,040.0	1,397.3	1,175.5	1,211.0	1,231.1	2,513	2,484
Pennsylvania	592.7	1,320.6	2,187.5	2,776.1	2,197.4	2,379.0	2,397.0	4,810	4,762
East North Central	1,682.1	2,779.3	4,074.3	4,817.2	2,712.1	3,376.2	3,507.3	7,864	8,100
Ohio	334.0	811.9	1,164.1	1,410.8	895.1	1,091.6	1,079.3	2,419	2,373
Indiana	75.4	231.2	259.5	301.1	246.0	317.1	328.6	601	615
Illinois	351.7	635.1	1,258.6	1,366.9	781.4	904.0	1,020.3	2,358	2,386
Michigan	192.7	651.3	939.0	1,150.9	437.5	600.5	646.4	1,452	1,556
Wisconsin	128.3	349.8	463.1	521.5	351.6	427.1	432.8	1,034	1,169
West North Central	609.5	1,803.1	1,976.1	1,734.5	975.3	1,089.8	1,118.0	2,523	2,523
Minnesota	140.7	485.3	536.6	507.1	345.6	388.0	391.5	897	802
Iowa	194.6	551.4	524.9	465.2	160.9	215.0	225.5	492	505
Missouri	113.3	247.4	372.2	391.3	250.0	294.5	304.8	772	743
North Dakota	34.4	121.5	95.0	57.5	31.2	28.7	23.2	53	54
South Dakota	39.1	134.0	102.1	67.4	25.5	25.6	26.7	61	52
Nebraska	54.0	155.4	213.2	137.0	66.7	62.8	63.0	174	159
Kansas	33.4	107.2	131.2	109.0	77.4	75.1	78.4	200	4208
South Atlantic	937.6	1,034.9	1,418.7	1,534.7	1,121.0	1,296.1	1,339.9	2,956	3,012
Maryland	11.5	35.0	50.1	63.1	67.2	70.2	70.0	120	123
Delaware	125.1	295.1	385.8	512.2	396.6	424.6	426.6	900	918
Dist. of Columbia	8.4	33.4	30.8	105.0	108.3	108.1	110.5	298	278
Virginia	45.0	152.8	218.8	246.7	223.6	235.9	261.3	485	503
West Virginia	47.5	111.4	150.3	155.6	109.9	121.9	121.6	239	289
North Carolina	19.6	121.7	142.3	146.2	84.9	114.1	102.1	253	230
South Carolina	25.8	112.0	112.0	76.9	29.7	31.0	32.4	71	73
Georgia	20.2	137.5	132.0	141.4	108.2	113.4	127.4	367	4409
Florida	15.5	65.1	148.3	87.6	57.6	71.0	79.1	203	205
East South Central	80.2	321.7	508.9	694.0	409.2	460.6	475.3	833	1,129
Kentucky	35.6	96.1	176.4	212.2	140.9	147.0	146.6	214	331
Tennessee	24.9	104.2	165.2	186.5	134.6	157.7	164.1	273	420
Alabama	9.3	60.2	93.1	100.8	77.0	91.2	97.0	269	297
Mississippi	10.4	61.2	82.2	94.5	56.7	63.7	67.4	86	92
West South Central	65.7	311.6	440.1	557.4	379.9	428.0	446.2	927	968
Arkansas	6.4	34.3	65.2	77.2	41.2	45.7	45.8	77	77
Louisiana	31.8	99.5	123.3	144.1	85.3	101.7	108.3	346	352
Oklahoma	10.0	85.6	87.3	109.9	70.1	78.6	70.3	150	144
Texas	17.5	92.2	164.3	226.2	133.3	202.0	212.4	354	394
Mountain	105.1	348.2	331.2	375.3	251.5	287.8	297.0	641	658
Montana	14.3	75.5	55.8	69.2	36.4	41.4	30.8	74	71
Idaho	8.1	32.5	25.8	33.6	20.6	28.1	29.0	55	58
Wyoming	7.1	21.0	20.9	25.4	19.1	20.6	21.6	41	41
Colorado	42.2	102.9	116.3	112.4	83.8	87.6	80.8	211	220
New Mexico	5.6	12.2	7.3	11.9	8.3	11.4	12.2	23	24
Arizona	2.4	37.0	26.4	32.5	18.4	27.8	30.1	54	56
Utah	21.4	51.6	61.2	69.0	51.6	58.3	60.4	104	137
Nevada	4.0	14.5	17.5	21.3	8.3	12.6	14.2	19	22
Pacific	432.4	1,244.8	1,833.3	2,243.7	2,093.2	2,377.3	2,433.5	3,957	4,288
Washington	53.1	159.4	181.3	227.5	169.4	215.1	224.4	456	462
Oregon	22.6	76.1	105.9	123.4	90.5	108.9	113.8	280	272
California	356.7	1,009.3	1,576.1	1,892.8	1,833.3	2,053.4	2,095.2	3,233	3,551
Hawaii				53.5	49.4	60.4	61.5	190	203

<sup>1</sup> Figures included for national banks for both years represent number of savings-passbook accounts.

<sup>2</sup> Includes data for demand certificates of deposit for national banks.

<sup>3</sup> Data for mutual savings banks as of Oct. 31.

<sup>4</sup> Estimated for banks other than national.

<sup>5</sup> Data for banks other than national are for 1929.

<sup>6</sup> Includes 1924 data for State banks.

<sup>7</sup> Figures as of May 19, 1933.

<sup>8</sup> Figures as of Apr. 10, 1939.

Source: American Bankers' Association, Savings Deposits and Depositors.

NO. 280.—MUTUAL SAVINGS BANKS—NUMBER OF SAVINGS DEPOSITORS AND AMOUNT OF SAVINGS DEPOSITS ON OR ABOUT JUNE 30, BY STATES: 1937, 1938, AND 1939

NOTE.—There are no mutual savings banks in States not shown

[Deposits in thousands of dollars]

DIVISION AND STATE	DEPOSITORS			DEPOSITS		
	1937	1938	1939	1937	1938	1939
Continental United States.....	13, 526, 425	14, 132, 117	14, 193, 058	10, 163, 740	10, 151, 410	10, 384, 874
New England.....	4, 620, 863	4, 582, 501	4, 574, 114	3, 417, 963	3, 394, 072	3, 412, 100
Maine.....	241, 661	243, 628	245, 816	127, 225	126, 930	128, 355
New Hampshire.....	235, 206	234, 025	237, 780	167, 408	166, 902	169, 885
Vermont.....	103, 035	100, 703	91, 138	64, 274	61, 300	67, 011
Massachusetts.....	2, 848, 388	2, 816, 889	2, 817, 444	2, 163, 534	2, 144, 444	2, 152, 961
Rhode Island.....	210, 962	209, 136	212, 094	176, 102	176, 023	177, 583
Connecticut.....	981, 611	976, 120	968, 942	719, 030	718, 473	726, 305
Middle Atlantic.....	7, 958, 327	8, 667, 321	8, 743, 063	6, 129, 186	6, 220, 784	6, 433, 662
New York.....	6, 467, 523	7, 100, 547	7, 262, 677	5, 240, 087	5, 336, 851	5, 514, 825
New Jersey.....	493, 626	556, 824	492, 302	300, 387	303, 056	319, 934
Pennsylvania.....	997, 148	1, 009, 950	988, 104	573, 702	579, 077	593, 003
East North Central.....	222, 191	219, 332	210, 053	143, 033	145, 519	144, 759
Ohio.....	170, 687	170, 717	165, 448	118, 514	121, 003	121, 736
Indiana.....	30, 090	27, 591	23, 667	20, 087	20, 037	18, 555
Wisconsin.....	21, 408	21, 024	20, 933	4, 432	5, 479	4, 468
West North Central.....	80, 043	87, 705	86, 560	66, 412	65, 290	66, 109
Minnesota.....	90, 043	87, 705	86, 560	66, 412	65, 290	66, 109
South Atlantic.....	459, 260	465, 547	468, 249	256, 486	260, 042	263, 304
Delaware.....	54, 243	55, 209	56, 430	35, 422	36, 896	38, 953
Maryland.....	405, 007	410, 338	411, 819	221, 064	223, 146	224, 351
Pacific.....	175, 761	169, 711	110, 999	150, 660	65, 703	69, 940
Washington.....	106, 043	107, 710	108, 714	61, 361	63, 875	67, 654
Oregon.....	1, 773	2, 001	2, 285	1, 522	1, 828	2, 286
California.....	67, 935	( <sup>2</sup> )	( <sup>2</sup> )	87, 777	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> As of Jan. 1, 1937.

<sup>2</sup> No mutual savings banks.

Source: American Bankers' Association, Savings Deposits and Depositors.

NO. 281.—SAVINGS DEPOSITS AND DEPOSITORS IN ALL ACTIVE BANKS, CONTINENTAL UNITED STATES, ON OR ABOUT JUNE 30: 1932 TO 1939

NOTE.—Savings deposits, as shown in the following table, include deposits evidenced by savings passbooks and time certificates of deposit. They do not include time deposits, open account, postal savings deposited in banks, and Christmas savings and similar accounts. Data beginning 1933 relate to licensed banks only

YEAR	SAVINGS DEPOSITS (MILLIONS OF DOLLARS)			Savings depositors <sup>1</sup> (thousands)	YEAR AND CLASS OF BANK	SAVINGS DEPOSITS (MILLIONS OF DOLLARS)			Savings depositors <sup>1</sup> (thousands)
	Total	Evidenced by savings pass-books	Time certificates of deposit			Total	Evidenced by savings pass-books	Time certificates of deposit	
1932.....	22, 506	20, 495	2, 101	43, 021	1939.....	24, 118	22, 903	1, 214	42, 793
1933.....	19, 379	17, 706	1, 613	36, 729	National banks.....	7, 304	6, 753	551	15, 924
1934.....	20, 495	19, 011	1, 484	38, 530	State (commercial) banks <sup>2</sup> .....	6, 420	5, 761	660	13, 579
1935.....	21, 730	20, 090	1, 640	39, 794	Mutual savings banks.....	10, 382	10, 382	( <sup>3</sup> )	13, 266
1936.....	22, 604	21, 014	1, 590	41, 094	Private banks.....	11	7	4	23
1937.....	23, 425	22, 082	1, 343	42, 645					
1938.....	23, 587	22, 332	1, 256	41, 874					

<sup>1</sup> Represents number of savings passbook accounts.

<sup>2</sup> Includes stock savings banks and loan and trust companies.

<sup>3</sup> Less than \$500,000.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

**No. 282.—INSURED AND NONINSURED BANKS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS, BY SIZE OF DEPOSITS: JUNE 30, 1939**

[Amount of deposits in millions and tenths of millions of dollars. Data for banks in Alaska, Hawaii, Puerto Rico, and Virgin Islands are included]

CLASS OF BANK	All banks	SIZE OF DEPOSITS CLASSES (IN THOUSANDS OF DOLLARS)								
		100 and under	100 to 250	250 to 500	500 to 1,000	1,000 to 2,000	2,000 to 5,000	5,000 to 10,000	10,000 to 50,000	50,000 and over
Number of banks.....	115, 137	821	2, 842	3, 259	3, 038	2, 171	1, 605	827	561	170
Commercial banks.....	14, 585	821	2, 838	3, 253	3, 012	2, 119	1, 461	513	395	128
Insured.....	13, 571	508	2, 523	3, 105	2, 920	2, 077	1, 427	501	380	124
Member of Federal Reserve System.....	6, 930	35	463	1, 117	1, 520	1, 201	1, 043	418	321	118
National.....	5, 203	29	365	933	1, 281	1, 115	851	309	220	70
State.....	1, 127	6	88	134	239	176	192	109	101	48
Nonmember.....	7, 241	473	2, 060	1, 938	1, 400	788	854	83	59	6
Noninsured.....	1, 014	313	315	148	92	42	34	12	15	4
Mutual savings banks.....	562	4	0	24	52	144	114	116	166	42
Insured.....	46	1	2	5	6	13	8	8	6	6
Noninsured.....	503	3	4	19	46	131	108	108	158	36
Deposits <sup>2</sup> .....	84, 415. 8	55. 6	494. 4	1, 182. 1	2, 187. 5	3, 087. 0	4, 914. 5	4, 403. 8	11, 848. 9	36, 281. 5
Commercial banks.....	53, 984. 9	55. 6	493. 9	1, 180. 0	2, 148. 5	2, 988. 7	4, 441. 0	3, 579. 4	8, 159. 0	30, 938. 8
Insured.....	52, 326. 8	37. 5	443. 7	1, 127. 5	2, 084. 3	2, 830. 8	4, 335. 2	3, 494. 0	7, 764. 3	30, 109. 0
Member of Federal Reserve System.....	45, 873. 3	2. 7	38. 5	417. 3	1, 104. 5	1, 826. 6	3, 198. 5	2, 938. 2	6, 671. 3	29, 627. 7
National.....	29, 415. 7	2. 3	74. 0	348. 9	931. 3	1, 574. 4	2, 601. 2	2, 158. 6	4, 500. 9	17, 223. 6
State.....	16, 457. 6	5	12. 5	68. 4	172. 7	252. 2	597. 3	779. 6	2, 170. 3	12, 404. 1
Nonmember.....	1, 658. 1	34. 7	357. 2	710. 2	980. 3	1, 104. 2	1, 136. 8	555. 4	1, 093. 0	481. 3
Noninsured.....	1, 453. 5	18. 1	80. 2	52. 5	63. 8	57. 9	105. 8	85. 4	394. 8	829. 7
Mutual savings banks.....	10, 430. 4	—	6	2. 1	10. 0	75. 3	473. 6	824. 4	3, 689. 8	5, 342. 7
Insured.....	1, 246. 0	—	1	. 8	4. 2	9. 5	40. 7	61. 8	185. 0	943. 9
Noninsured.....	9, 184. 4	—	4	1. 3	14. 7	68. 8	432. 9	762. 6	3, 504. 8	4, 398. 8

<sup>1</sup> Includes figures for 6 insured commercial banks (4 State bank members of the Federal Reserve System and 2 banks not members of the Federal Reserve System) with no deposits and 39 noninsured commercial banks for which deposits are not available.

<sup>2</sup> Excludes figures for 39 noninsured commercial banks for which data are not available.

Source: Federal Deposit Insurance Corporation, Annual Report.

**No. 283.—INSURED COMMERCIAL BANKS—PRINCIPAL ASSETS AND LIABILITIES, AS OF DEC. 31: 1938 AND 1939**

NOTE.—All figures, except number of banks, in millions of dollars. Includes 3 insured national banks in the Territories and possessions not members of the Federal Reserve System. Excludes 2 insured State banks not members of the Federal Reserve System for 1938 and 3 for 1939

	1938	1939		1938	1939
Number of banks.....	13, 650	13, 535	Liabilities, total.....	56, 800	63, 147
Assets, total.....	56, 800	63, 147	Demand deposits of individuals, partnerships, and corporations.....	23, 477	27, 197
Loans and discounts, including rediscounts and overdrafts.....	16, 024	16, 866	Time deposits of individuals, partnerships, and corporations.....	14, 013	14, 471
Direct obligations of the U. S. Government.....	11, 939	12, 153	U. S. Government deposits.....	838	790
Obligations guaranteed by the U. S. Government.....	2, 568	3, 414	Deposits of other banks; States and political subdivisions; cash letters of credit; certified, officers', and travelers' checks outstanding; postal savings.....	11, 451	13, 618
Other bonds, stocks, and securities.....	6, 944	6, 860	Total deposits.....	49, 779	56, 076
Cash.....	960	1, 067	Miscellaneous liabilities.....	586	546
Balances with other banks, including reserve with Federal Reserve banks, and cash items in process of collection.....	16, 226	20, 808	Capital stock <sup>1</sup> .....	2, 982	2, 914
Miscellaneous assets.....	2, 149	1, 977	Surplus.....	2, 347	2, 443
			Undivided profits.....	742	789
			Reserves for contingencies and other capital accounts.....	365	378

<sup>1</sup> Includes capital notes and debentures.

Source: Federal Deposit Insurance Corporation, Annual Report and report on Assets and Liabilities of Operating Insured Banks.

**No. 284.—INSURED AND NONINSURED COMMERCIAL BANKS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS, BY STATES: JUNE 30, 1939**

DIVISION AND STATE	NUMBER OF BANKS, JUNE 30—		DEPOSITS (THOUSANDS OF DOLLARS)		DIVISION AND STATE	NUMBER OF BANKS, JUNE 30—		DEPOSITS (THOUSANDS OF DOLLARS)	
	In-sured	Non-in-sured	In-sured banks	Non-in-sured banks		In-sured	Non-in-sured	In-sured banks	Non-in-sured banks
<b>Total</b> .....	13,571	1,014	52,328,764	1,658,132	<b>South Atlantic—Continued.</b>				
New England....	503	49	3,040,079	295,291	N. Carolina.....	220	7	423,648	7,597
Maine.....	61	9	189,189	16,100	S. Carolina.....	109	41	132,404	7,645
N. Hampshire....	56	8	81,792	6,660	Georgia.....	266	1	447,964	5,575
Vermont.....	75	—	108,375	—	Florida.....	181	3	391,101	2,190
Massachusetts....	1,193	17	1,922,808	58,181	<b>E. S. Central.</b>	1,065	63	1,455,710	13,023
Rhode Island....	16	7	233,329	63,551	Kentucky.....	373	35	454,630	8,829
Connecticut....	102	18	499,606	80,799	Tennessee....	290	9	517,647	2,662
<b>Middle Atlantic.</b>	2,158	50	22,238,369	873,284	Alabama.....	208	8	206,211	2,160
New York.....	730	18	15,830,717	814,773	Mississippi....	194	11	187,216	4,372
New Jersey....	359	6	1,701,452	2,301	<b>W. S. Central.</b>	1,516	103	2,589,213	25,955
Pennsylvania....	1,103	26	4,697,220	56,210	Arkansas.....	208	6	175,706	746
<b>E. N. Central.</b>	2,988	108	10,014,125	59,865	Louisiana....	145	1	504,305	348
Ohio.....	683	19	2,332,688	4,532	Oklahoma.....	382	14	456,803	2,117
Indiana.....	470	29	870,489	12,414	Texas.....	781	132	1,462,390	22,744
Illinois.....	1,835	17	4,423,653	17,185	<b>Mountain.</b>	478	10	942,428	5,664
Michigan.....	431	32	1,473,517	21,440	Montana.....	113	—	135,577	—
Wisconsin.....	593	11	904,778	4,204	Idaho.....	48	2	88,474	3,248
<b>W. N. Central.</b>	2,968	444	3,809,201	128,249	Wyoming.....	58	—	63,866	—
Minnesota.....	648	32	893,348	10,136	Colorado.....	137	7	323,309	1,857
Iowa.....	583	176	608,056	32,282	New Mexico....	40	1	58,892	459
Missouri.....	590	39	1,496,090	5,388	Arizona.....	12	—	86,509	—
N. Dakota.....	159	13	67,674	21,040	Utah.....	59	—	140,133	—
S. Dakota.....	165	1	88,688	513	Nevada.....	11	—	36,696	—
Nebraska.....	367	59	303,076	8,471	<b>Pacific.</b>	410	13	4,854,889	48,688
Kansas.....	456	224	351,009	48,412	Washington... Oregon..... California....	137 71 1,202	4 2 7	462,637 293,895 4,098,357	10,283 4,211 34,104
<b>South Atlantic.</b>	1,481	144	3,375,369	93,961	<b>Territories and possessions</b> ...	4	30	7,353	181,252
Delaware.....	42	2	173,303	322					
Maryland.....	175	2	668,132	66,480					
Dist. of Col....	22	—	328,682	—					
Virginia.....	313	1	595,124	148					
W. Virginia....	173	7	285,011	3,998					

<sup>1</sup> Includes 6 banks with no deposits, distributed as follows: California, 1; Illinois, 1; Massachusetts, 1; Pennsylvania, 3.

<sup>2</sup> Includes 39 banks for which deposit figures are not available, distributed as follows: Georgia, 14; Iowa, 4; Massachusetts, 1; Michigan, 4; Pennsylvania, 5; Texas, 11.

Source: Federal Deposit Insurance Corporation, Annual Report.

**No. 285.—BUILDING AND LOAN ASSOCIATIONS—FAILURES: 1920 TO 1939**

[Liabilities and estimated loss in thousands of dollars. Liabilities not available prior to 1930]

YEAR	Number failed	Estimated loss	YEAR	Number failed	Liabilities	Estimated loss
1920.....	2	1	1930.....	190	80,438	24,676
1921.....	6	92	1931.....	126	61,908	22,328
1922.....	4	159	1932.....	122	52,818	20,337
1923.....	9	133	1933.....	88	215,517	43,955
1924.....	13	398	1934.....	68	84,728	10,174
1925.....	25	500	1935.....	239	31,946	15,782
1926.....	12	381	1936.....	144	20,316	9,052
1927.....	21	1,013	1937.....	269	44,739	15,775
1928.....	23	568	1938.....	277	36,026	11,281
1929.....	159	2,313	1939.....	183	84,901	27,040

Source: United States Building and Loan League, Secretary's Annual Report.

No. 286.—BUILDING AND LOAN ASSOCIATIONS—NUMBER, MEMBERSHIP, ASSETS, AND LOANS, CONTINENTAL UNITED STATES, 1895 TO 1939, AND BY STATES AND FOR ALASKA AND HAWAII, 1937 AND 1938

NOTE.—Mortgage loans and assets in thousands of dollars. Figures for most States are as of Dec. 31; for some States, however, they are as of the close of fiscal years ending various dates

YEAR (SEE NOTE)	Associa-tions	Members	Total assets	YEAR (SEE NOTE)	Associa-tions	Members	Total assets	Mortgage loans out-standing
1895	5,973	1,545,129	624,700	1928	12,666	11,695,905	8,016,034	7,267,065
1900	5,490	1,499,136	614,119	1929	12,342	12,111,200	8,695,154	7,790,835
1905	5,326	1,686,611	646,765	1930	11,767	12,336,754	8,824,119	7,760,184
1910	5,937	2,216,912	945,569	1931	11,432	11,324,698	8,412,369	7,205,340
1915	6,806	3,334,899	1,484,206	1932	10,988	10,102,258	7,745,282	6,390,384
1920	8,624	5,026,781	2,534,320	1933	10,716	9,196,093	6,972,243	5,413,446
1922	10,000	6,364,144	3,342,531	1934	10,909	8,342,566	6,445,270	4,483,660
1923	10,744	7,202,880	3,942,940	1935	10,521	7,022,804	5,883,590	3,875,220
1924	11,844	8,554,352	4,765,937	1936	10,243	6,101,703	5,619,954	3,739,925
1925	12,403	9,880,967	5,609,176	1937	9,751	6,210,413	5,705,559	3,846,417
1926	12,626	10,665,705	6,334,104	1938	8,941	6,810,481	5,621,126	3,911,376
1927	12,800	11,308,061	7,156,207	1939	8,318	6,484,839	5,660,938	4,104,761

STATE	ASSOCIATIONS <sup>1</sup>		MEMBERS		TOTAL ASSETS		MORTGAGE LOANS OUTSTANDING	
	1937	1938	1937	1938	1937	1938	1937	1938
Alabama	38	37	13,370	20,978	12,670	12,942	7,067	7,529
Arizona	3	3	1,331	2,776	1,929	2,643	1,746	2,266
Arkansas	45	42	9,593	16,314	12,759	13,725	9,610	10,992
California	193	100	254,584	283,087	292,961	304,653	191,606	210,372
Colorado	51	56	31,505	38,515	28,795	29,434	16,817	18,744
Connecticut	62	50	35,326	44,813	31,054	34,162	27,474	30,763
Delaware	43	44	14,900	16,271	12,414	12,701	10,006	10,577
District of Columbia	23	28	120,780	142,815	120,614	132,988	111,821	123,879
Florida	94	88	22,148	42,008	35,227	42,084	28,309	35,015
Georgia	66	68	21,149	29,496	20,419	24,306	18,639	22,353
Idaho	13	14	8,308	12,958	6,948	7,582	6,286	6,833
Illinois	792	690	342,007	364,220	339,937	332,316	221,003	225,415
Indiana	274	250	157,408	211,462	155,581	160,121	108,433	109,938
Iowa	100	96	45,086	55,200	40,014	44,498	31,162	34,817
Kansas	149	144	116,012	93,880	76,713	73,565	42,744	43,265
Kentucky	175	173	112,363	130,601	105,017	109,895	79,055	83,311
Louisiana	82	74	104,405	108,184	89,084	90,074	66,218	71,377
Maine	42	41	24,461	24,803	23,183	23,358	18,468	19,835
Maryland	3	3	213,588	179,280	158,831	122,095	107,833	97,147
Massachusetts	205	211	400,000	427,171	476,192	478,458	357,564	362,820
Michigan	82	82	95,615	112,602	113,570	122,870	54,069	50,457
Minnesota	78	76	45,192	80,395	50,641	61,263	41,715	51,817
Mississippi	46	46	7,023	10,143	8,306	8,938	5,144	7,181
Missouri	221	220	178,063	188,001	127,898	127,139	88,375	91,778
Montana	23	22	19,211	15,145	11,164	10,604	8,441	8,301
Nebraska	92	72	87,401	89,488	71,277	67,193	47,897	47,863
Nevada	5	4	1,140	1,150	952	955	612	760
New Hampshire	30	30	17,551	21,609	16,948	18,095	15,302	16,406
New Jersey	1,423	1,327	583,395	528,507	792,361	691,060	380,605	332,274
New Mexico	21	22	4,228	5,282	4,796	5,379	3,810	4,517
New York	384	280	510,048	590,309	378,501	396,592	282,378	296,439
North Carolina	183	179	105,384	125,436	75,815	86,235	65,892	75,978
North Dakota	23	23	9,747	11,707	10,396	10,700	7,578	7,900
Ohio	724	718	1,306,800	1,468,589	810,593	806,151	563,164	567,000
Oklahoma	73	69	38,626	57,604	50,071	60,804	42,695	46,977
Oregon	87	85	27,042	33,502	25,012	27,202	10,213	20,961
Pennsylvania	2,151	1,892	527,617	517,469	596,705	533,126	405,950	376,643
Rhode Island	9	9	49,651	52,743	36,108	34,797	29,530	27,923
South Carolina	74	73	17,426	27,868	10,300	22,891	16,769	20,244
South Dakota	19	18	6,805	7,129	4,580	4,791	3,576	3,751
Tennessee	45	63	15,179	33,303	19,537	24,262	16,790	20,517
Texas	178	184	59,475	113,572	83,716	91,362	63,081	72,327
Utah	21	21	26,430	32,601	26,497	27,227	14,037	14,647
Vermont	14	14	6,408	7,032	5,549	5,935	4,534	4,971
Virginia	93	87	46,117	56,426	44,258	47,629	36,652	40,809
Washington	70	70	142,222	163,216	52,742	59,097	39,853	43,999
West Virginia	69	64	29,541	32,463	26,507	26,881	17,655	18,678
Wisconsin	202	198	179,997	178,385	137,135	181,816	104,019	102,019
Wyoming	14	14	4,683	5,959	5,381	5,683	4,101	4,246
Alaska	1	1	56	169	96	139	94	135
Hawaii	10	9	22,650	18,517	6,003	8,299	4,860	7,151

<sup>1</sup> Total membership of local associations only; does not include data for national associations, membership of which declined to 44,484 in 1905; now extinct.

<sup>2</sup> State-chartered and Federal associations.

<sup>3</sup> Estimated in part.

<sup>4</sup> Not included in United States total.

Source: United States Building and Loan League, Secretary's Annual Report.

No. 287.—POSTAL SAVINGS BUSINESS—SUMMARY: 1911 TO 1940

NOTE.—In addition to main offices there were 802 branches and stations in operation on June 30, 1939. Data include Alaska, Hawaii, Puerto Rico, and Virgin Islands

[All money figures, except average principal per depositor, in thousands of dollars]

YEAR ENDED JUNE 30—	Offices in operation, June 30	Deposits	Withdrawals	Balance to credit of depositors, June 30 <sup>1</sup>	Number of depositors, June 30	Average principal per depositor	AMOUNT OF SAVINGS STAMPS			Balance on deposit in banks, June 30
							Sold	Re-deemed	Out-standing, June 30	
1911.....	400	778	101	677	11,018	\$57	5	3	2	572
1915.....	8,832	70,316	48,074	65,685	525,414	125	157	150	56	60,068
1920.....	5,683	139,209	149,266	157,276	508,508	309	72	69	59	128,128
1922.....	6,020	96,508	111,161	137,786	420,242	328	74	68	62	44,160
1923.....	6,047	85,008	94,073	131,671	417,902	315	78	77	63	61,844
1924.....	5,995	84,933	93,790	132,814	412,584	322	69	69	63	96,370
1925.....	5,896	89,708	90,349	132,173	402,325	320	52	54	61	97,898
1926.....	5,853	90,751	85,746	134,179	390,305	336	44	47	59	101,176
1927.....	5,896	103,607	96,426	147,360	411,394	358	38	38	58	114,597
1928.....	5,897	96,386	91,602	152,143	412,250	369	34	35	58	118,715
1929.....	5,976	112,446	110,945	163,645	410,584	369	28	28	57	127,339
1930.....	5,908	156,950	133,832	175,272	466,401	376	26	26	58	148,255
1931.....	6,665	366,901	194,750	347,417	770,859	451	28	27	58	300,120
1932.....	6,743	860,196	428,792	784,821	1,545,190	508	36	34	60	681,727
1933.....	7,071	1,160,327	763,961	1,187,168	2,342,133	507	45	42	64	974,377
1934.....	7,247	966,651	955,017	1,197,920	2,562,082	468	56	54	67	694,875
1935.....	7,301	944,960	938,017	1,204,863	2,598,391	464	62	59	69	384,510
1936.....	7,299	933,071	906,261	1,231,673	2,705,152	455	64	60	73	293,010
1937.....	7,286	972,743	939,743	1,267,674	2,791,371	454	62	59	76	130,005
1938.....	7,245	929,480	945,355	1,251,799	2,741,569	457	68	58	76	114,655
1939.....	7,162	897,359	888,846	1,262,292	2,767,417	456	59	57	78	68,267
1940.....	(2)	(2)	(2)	1,293,409	(2)	(2)	(2)	(2)	(2)	(2)

<sup>1</sup> Includes small amounts, shown on balance sheet as unclaimed, not included in table 283.  
<sup>2</sup> Not available.

No. 288.—POSTAL SAVINGS DEPOSITS AND DEPOSITORS, BY STATES

STATE OR TERRITORY	Number of depositors, June 30, 1939	BALANCE TO CREDIT OF DEPOSITORS (THOUSANDS OF DOLLARS), JUNE 30—		STATE OR TERRITORY	Number of depositors, June 30, 1939	BALANCE TO CREDIT OF DEPOSITORS (THOUSANDS OF DOLLARS), JUNE 30—	
		1938	1939			1938	1939
		Grand total.....	2,767,417			1,251,123	1,262,188
Cont'l U. S.....	2,752,218	1,248,273	1,258,708	West Virginia.....	14,126	7,654	7,257
New England.....	77,600	46,176	46,112	North Carolina.....	41,095	14,588	14,127
Maine.....	4,342	2,005	1,984	South Carolina.....	39,930	15,405	15,642
New Hampshire.....	3,455	1,898	1,808	Georgia.....	33,338	12,630	12,625
Vermont.....	995	531	530	Florida.....	139,779	32,243	32,510
Massachusetts.....	43,418	28,083	27,895	E. South Central.....	81,577	34,453	36,068
Rhode Island.....	3,082	1,710	1,745	Kentucky.....	18,501	8,580	10,568
Connecticut.....	21,698	11,949	12,160	Tennessee.....	17,036	8,763	8,817
Middle Atlantic.....	442,758	190,987	191,484	Alabama.....	28,311	9,307	9,344
New York.....	239,160	98,051	97,822	Mississippi.....	17,729	7,803	7,338
New Jersey.....	68,572	32,746	34,441	W. South Central.....	180,634	76,903	77,641
Pennsylvania.....	135,026	60,140	59,222	Arkansas.....	28,434	12,771	12,963
E. North Central.....	859,065	415,227	423,271	Louisiana.....	18,366	8,854	8,749
Ohio.....	142,460	69,219	67,144	Oklahoma.....	49,571	21,546	20,932
Indiana.....	85,170	38,283	40,441	Texas.....	84,263	33,731	34,907
Illinois.....	375,989	173,886	178,808	Mountain.....	129,071	56,974	56,116
Michigan.....	194,847	90,845	98,178	Montana.....	25,818	12,875	12,448
Wisconsin.....	60,599	30,995	38,700	Idaho.....	17,013	6,499	6,205
W. North Central.....	392,380	212,438	210,640	Wyoming.....	8,971	3,824	3,750
Minnesota.....	63,655	40,374	38,915	Colorado.....	37,992	18,685	18,880
Iowa.....	102,377	59,419	59,224	New Mexico.....	10,009	3,784	3,709
Missouri.....	82,321	39,302	39,903	Arizona.....	17,132	6,406	6,278
North Dakota.....	19,651	10,040	9,667	Utah.....	6,640	2,751	2,605
South Dakota.....	24,844	12,830	12,658	Nevada.....	5,496	2,201	2,175
Nebraska.....	47,389	25,812	25,603	Pacific.....	261,270	114,316	117,356
Kansas.....	52,123	24,662	24,670	Washington.....	73,019	33,128	33,188
South Atlantic.....	327,888	100,848	100,114	Oregon.....	40,094	17,576	17,682
Delaware.....	1,340	446	419	California.....	148,167	63,012	66,487
Maryland.....	9,497	4,698	4,551	Alaska.....	1,330	906	844
Dist. of Col.....	35,149	8,140	8,223	Hawaii.....	1,767	427	453
Virginia.....	13,029	5,038	4,960	Puerto Rico.....	11,244	2,028	2,098
				Virgin Islands.....	858	90	109

Source of tables 287 and 288: Post Office Department, Office of the Postmaster General; Operations of the Postal Savings System.



**No. 289.—FEDERAL HOUSING ADMINISTRATION—VOLUME OF BUSINESS TRANSACTED—TREND AND STATUS OF HOME MORTGAGE, RENTAL HOUSING, AND PROPERTY IMPROVEMENT INSURING OPERATIONS: 1934 TO 1939**

**NOTE.**—Amounts in thousands of dollars. The program of providing insurance for long-term mortgages on individual homes and on large-scale rental projects and for short-term character loans for property improvements is carried on by the Federal Housing Administration under the provisions of the National Housing Act and its amendments. The Federal Housing Administration lends no money but provides insurance for loans made by banks and other private lending institutions

YEAR AND STATUS	TOTAL	MORTGAGES ON 1- TO 4-FAMILY HOMES		MORTGAGES ON RENTAL AND GROUP HOUSING PROJECTS <sup>1</sup>		PROPERTY-IMPROVEMENT LOANS INSURED	
	Amount	Number	Amount	Number	Amount	Number	Amount
1934.....	30,451	( <sup>2</sup> )	( <sup>2</sup> )		( <sup>3</sup> )	72,658	30,451
1935.....	319,857	23,397	93,882	2	2,355	635,747	223,620
1936.....	557,196	77,231	308,945	4	2,101	617,697	246,150
1937.....	495,305	102,076	424,373	15	10,549	124,758	60,383
1938.....	692,583	109,279	473,246	117	47,589	382,325	172,747
1939.....	953,824	153,747	669,416	131	51,341	513,091	233,037
Total.....	3,050,215	465,730	1,969,802	260	113,935	2,346,276	966,418
Commitments outstanding.....	238,477	53,307	238,477	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----
Total accepted for insurance.....	3,288,692	519,037	2,208,339	260	113,935	2,346,276	966,418
Expired commitments.....	233,328	61,466	233,328	( <sup>4</sup> )	( <sup>4</sup> )	-----	-----
Mortgages in process <sup>2</sup> .....	213,152	39,669	187,715	72	25,438	-----	-----
Rejections and withdrawals.....	903,360	189,939	903,360	( <sup>4</sup> )	( <sup>4</sup> )	-----	-----
Gross business transacted.....	4,638,531	810,111	3,532,741	341	139,372	2,346,276	966,418

<sup>1</sup> Includes rental and release clause projects repealed by June 3, 1939, amendment.

<sup>2</sup> Not in operation pending necessary changes in State laws.

<sup>3</sup> Rental housing mortgages committed for insurance are included as mortgages in process; 32 mortgages for \$14,292,000 under examination are not included in this table.

<sup>4</sup> Rental housing mortgages rejected, withdrawn, or expired, numbering 872 for \$654,850,000 are not recorded in total gross business transacted.

**No. 290.—FEDERAL HOUSING ADMINISTRATION—NET VOLUME OF HOME MORTGAGES ACCEPTED FOR INSURANCE, RENTAL HOUSING MORTGAGES CLOSED, AND PROPERTY-IMPROVEMENT LOANS INSURED, BY TYPE OF INSTITUTION ORIGINATING INSURED LOANS: CUMULATIVE 1934 THROUGH DECEMBER 1939**

**NOTE.**—Amounts in thousands of dollars. See headnote, table 289

TYPE OF LENDING INSTITUTION	TOTAL	MORTGAGES ACCEPTED ON 1- TO 4-FAMILY HOMES <sup>1</sup>		MORTGAGES CLOSED ON RENTAL AND GROUP HOUSING PROJECTS <sup>2</sup>		PROPERTY-IMPROVEMENT AND NEW CONSTRUCTION LOANS INSURED	
	Amount	Number	Amount	Number	Amount	Number	Amount
Total.....	3,288,692	519,037	2,208,339	269	113,935	2,346,276	966,418
National banks.....	1,044,375	153,044	634,395	85	7,000	624,162	402,380
State banks and trust companies.....	810,126	131,423	540,365	23	11,652	579,608	268,190
Total commercial banks.....	1,860,501	285,067	1,180,760	58	19,251	1,503,770	680,110
Mortgage companies.....	390,836	37,890	339,729	16	837	498	270
Savings and loan associations.....	279,045	66,874	260,829	10	1,016	14,829	8,200
Insurance companies.....	270,611	41,971	200,080	148	79,511	40	20
Finance companies.....	250,764	3,354	14,218	1	200	667,983	236,346
Mutual and stock savings banks.....	83,625	15,453	70,986	7	6,004	15,942	6,634
Industrial banks.....	61,659	2,012	8,637	-----	-----	138,165	53,022
Credit unions.....	766	-----	-----	-----	-----	1,447	766
Federal agencies <sup>3</sup> .....	3,270	-----	-----	8	3,270	-----	-----
All others <sup>4</sup> .....	78,000	16,410	74,099	21	3,236	3,602	671

<sup>1</sup> Premium-paying mortgages plus mortgages accepted for insurance outstanding Dec. 31, 1939.

<sup>2</sup> Includes release-clause projects and all mortgages closed under the expired sec. 210.

<sup>3</sup> The RFC Mortgage Co. and the Federal National Mortgage Association.

<sup>4</sup> Includes investment companies, private and State benefit funds, endowment institutions, production credit associations, and other miscellaneous types. Property improvement loans include adjustment of 3,121 loans for \$520,000.

Source of tables 289 and 290: Federal Loan Agency, Federal Housing Administration; Annual Report.

No. 291.—FEDERAL HOUSING ADMINISTRATION—VOLUME OF INSURED LOANS, BY TYPE OF INSURING OPERATIONS, BY STATES, TERRITORIES, AND FOR PUERTO RICO AND CANAL ZONE: CUMULATIVE 1934 THROUGH DECEMBER 1939

NOTE.—Amounts in thousands of dollars. See headnote, table 289

DIVISION AND STATE OR OUTLYING AREA (LOCATION OF PROPERTY)	TOTAL	MORTGAGES ON 1- TO 4-FAMILY HOMES <sup>1</sup>		MORTGAGES ON RENTAL AND GROUP HOUSING PROJECTS <sup>2</sup>		PROPERTY-IMPROVEMENT LOANS INSURED	
	Amount	Number	Amount	Number	Amount	Number	Amount
Total.....	3,288,892	519,037	2,208,339	289	113,935	32,348,278	3,966,418
New England.....	130,846	14,356	84,047	8	1,587	161,958	65,212
Maine.....	7,332	1,476	4,404	-----	-----	7,477	2,978
New Hampshire.....	7,213	1,048	3,871	-----	-----	8,078	3,342
Vermont.....	5,768	1,280	4,152	-----	-----	3,083	1,610
Massachusetts.....	55,353	4,403	22,073	2	383	84,884	32,898
Rhode Island.....	16,382	1,909	8,603	1	114	17,734	7,665
Connecticut.....	38,747	4,240	20,944	3	1,090	40,102	16,713
Middle Atlantic.....	766,410	90,080	424,857	67	43,244	618,056	298,309
New York.....	388,706	35,233	177,076	34	28,350	342,598	183,280
New Jersey.....	190,626	25,020	121,208	17	7,280	141,218	62,138
Pennsylvania.....	187,079	29,827	126,573	16	7,614	134,240	52,892
East North Central.....	731,324	119,368	549,511	36	14,105	461,715	187,708
Ohio.....	179,083	30,967	141,772	8	1,940	100,038	35,371
Indiana.....	92,600	18,680	60,185	11	2,433	65,532	21,073
Illinois.....	193,747	27,750	137,956	7	6,167	126,651	49,624
Michigan.....	230,839	35,794	170,229	12	2,946	136,765	47,664
Wisconsin.....	44,955	6,168	30,370	3	619	33,729	13,977
West North Central.....	216,553	38,023	146,208	35	8,901	173,957	61,446
Minnesota.....	50,307	7,702	29,774	8	2,896	45,937	17,637
Iowa.....	26,122	4,444	16,044	-----	-----	27,274	10,078
Missouri.....	83,607	13,763	57,494	18	5,475	63,967	20,637
North Dakota.....	4,167	780	2,409	-----	-----	3,507	1,758
South Dakota.....	5,931	1,550	4,370	-----	-----	3,575	1,561
Nebraska.....	15,485	3,075	11,102	-----	-----	12,528	4,382
Kansas.....	30,936	7,649	25,013	9	580	17,169	5,893
South Atlantic.....	349,351	55,984	237,372	65	31,332	191,483	80,847
Delaware.....	8,149	1,085	5,271	1	400	5,081	2,478
Maryland.....	59,837	8,451	37,796	13	7,041	36,297	15,000
Dist. of Columbia.....	19,367	1,624	10,276	2	2,410	14,083	6,701
Virginia.....	69,967	9,350	42,056	25	14,820	28,670	13,091
West Virginia.....	21,351	3,805	16,908	1	650	9,127	3,822
North Carolina.....	34,843	5,732	24,208	10	3,350	19,787	7,286
South Carolina.....	17,568	3,420	13,058	1	240	11,248	4,270
Georgia.....	47,082	8,801	34,154	5	1,300	30,587	11,610
Florida.....	71,130	13,626	53,045	6	1,113	36,583	16,381
East South Central.....	127,662	23,540	88,858	15	4,143	96,192	54,661
Kentucky.....	32,232	4,907	22,291	1	1,000	24,522	8,941
Tennessee.....	46,054	9,007	33,486	7	1,785	32,434	11,383
Alabama.....	28,185	5,065	18,744	6	1,324	24,460	8,118
Mississippi.....	20,591	4,561	14,337	1	34	14,776	6,220
West South Central.....	212,742	41,588	156,407	30	4,985	142,639	51,370
Arkansas.....	16,379	3,313	10,016	1	320	16,642	6,043
Louisiana.....	26,465	4,767	18,094	3	753	22,201	7,618
Oklahoma.....	38,786	7,713	29,493	6	313	25,454	8,981
Texas.....	131,112	25,775	98,804	20	3,579	78,342	28,728
Mountain.....	107,708	21,431	75,523	5	1,009	73,871	31,177
Montana.....	8,900	1,594	5,690	-----	-----	6,056	3,209
Idaho.....	12,772	2,516	8,163	-----	-----	12,855	4,609
Wyoming.....	9,508	2,547	7,894	-----	-----	3,286	1,614
Colorado.....	24,090	4,886	17,506	4	940	15,162	5,644
New Mexico.....	7,708	1,531	5,388	-----	-----	4,297	2,319
Arizona.....	18,066	3,030	10,912	1	69	15,473	7,085
Utah.....	20,934	4,470	16,205	-----	-----	12,870	4,729
Nevada.....	5,732	857	3,764	-----	-----	3,092	1,968
Pacific.....	639,185	112,154	459,220	10	4,849	417,897	175,317
Washington.....	69,524	12,622	41,776	2	1,119	71,738	26,628
Oregon.....	26,181	4,198	13,460	-----	-----	34,166	12,721
California.....	543,481	95,334	403,983	8	3,530	311,793	135,968
Alaska.....	1,565	287	1,246	-----	-----	311	311
Hawaii.....	5,082	1,164	4,044	-----	-----	752	438
Puerto Rico.....	468	82	449	-----	-----	20	19
Canal Zone.....	4	-----	-----	-----	-----	3	4

<sup>1</sup> Premium-paying mortgages plus mortgages accepted for insurance outstanding Dec. 31, 1939.

<sup>2</sup> Includes \$4,685,000 of mortgages on release clause projects insured under sec. 207, and \$7,618,000 of mortgages closed under the expired sec. 210.

<sup>3</sup> Includes undistributed adjustments in the total for an addition of 7,842 notes and a deduction of \$201,000.

No. 292.—HOME OWNERS' LOAN CORPORATION—SUMMARY OF REFINANCING OPERATIONS FROM THE BEGINNING OF OPERATIONS, JUNE 13, 1933, TO THE CLOSE OF THE LENDING PERIOD, JUNE 12, 1936, BY STATES AND FOR ALASKA, HAWAII, AND PUERTO RICO

(Amounts in thousands of dollars)

REGION AND STATE	APPLICATIONS RECEIVED		LOANS CLOSED <sup>1</sup>		Number of borrowers
	Number	Amount	Number	Amount	
Total.....	1,888,481	6,178,356	1,025,950	3,098,451	1,017,844
Region 1 (New York).....	338,902	1,668,315	187,949	781,081	164,219
Connecticut.....	22,327	118,167	10,288	44,235	10,281
Maine.....	7,781	19,591	3,413	7,724	3,398
Massachusetts.....	50,419	229,141	26,158	109,076	24,524
New Hampshire.....	3,677	9,424	1,940	4,513	1,867
New Jersey.....	81,920	423,638	36,543	175,327	36,339
New York.....	157,872	809,717	81,656	411,276	80,116
Rhode Island.....	12,338	51,723	6,277	24,701	6,118
Vermont.....	2,508	6,914	1,674	4,199	1,576
Region 2A (Baltimore).....	178,734	637,677	90,791	267,563	90,491
Delaware.....	2,815	9,373	1,676	5,108	1,543
District of Columbia.....	4,428	27,540	2,148	12,144	2,088
Maryland.....	28,854	86,875	16,080	45,002	15,926
Pennsylvania.....	121,433	460,186	68,861	167,014	58,794
Virginia.....	21,154	63,697	12,086	37,695	12,037
Region 2B (Cincinnati).....	212,094	762,308	107,766	328,749	107,635
Ohio.....	193,502	704,127	98,626	305,878	98,556
West Virginia.....	18,592	48,182	9,139	22,871	9,079
Region 3A (Atlanta).....	112,929	261,039	64,007	147,798	63,591
Alabama.....	28,010	62,208	16,706	37,088	16,611
Florida.....	24,891	55,932	13,554	30,678	13,525
Georgia.....	23,343	52,829	14,966	33,665	14,850
North Carolina.....	24,363	61,763	12,442	31,394	12,521
South Carolina.....	9,997	23,250	5,748	13,299	5,683
Puerto Rico.....	2,385	5,067	591	1,724	591
Region 3B (Memphis).....	163,646	387,047	81,555	206,633	81,019
Arkansas.....	19,768	31,866	10,512	18,678	10,345
Kentucky.....	20,400	53,816	9,205	25,327	9,234
Louisiana.....	24,747	70,610	14,546	40,253	14,379
Mississippi.....	18,600	31,240	8,932	16,464	8,701
Missouri.....	45,066	145,058	24,690	74,877	24,538
Tennessee.....	24,405	54,457	13,880	31,034	13,762
Region 4A (Chicago).....	182,872	720,373	103,181	394,827	103,086
Illinois.....	127,123	502,219	70,024	279,439	69,985
Wisconsin.....	55,744	218,154	33,157	115,388	33,101
Region 4B (Detroit).....	227,582	612,437	130,980	352,185	129,941
Indiana.....	82,023	203,421	40,740	112,171	48,815
Michigan.....	145,559	409,016	81,240	240,014	81,126
Region 5A (Omaha).....	155,968	328,302	95,581	191,413	94,908
Colorado.....	19,726	42,618	11,657	22,922	11,613
Iowa.....	31,805	64,802	19,839	38,832	19,633
Kansas.....	31,447	53,067	18,594	35,644	18,504
Minnesota.....	36,251	90,411	21,109	47,966	21,021
Nebraska.....	19,985	42,714	13,718	26,114	13,597
North Dakota.....	7,458	15,378	4,478	9,088	4,416
South Dakota.....	9,296	16,817	6,156	10,897	6,122
Region 5B (Dallas).....	119,684	273,123	71,213	162,723	70,777
New Mexico.....	4,778	9,770	2,567	5,134	2,462
Oklahoma.....	38,369	86,336	23,967	54,380	23,960
Texas.....	76,537	177,068	44,689	103,209	44,355
Region 6 (San Francisco).....	204,100	532,234	112,628	260,499	112,189
Arizona.....	9,458	25,558	6,542	15,771	6,508
California.....	102,392	315,162	51,617	136,706	51,559
Idaho.....	6,752	10,608	4,798	8,184	4,692
Montana.....	7,017	13,235	3,693	7,285	3,679
Nevada.....	1,704	4,747	1,274	3,299	1,211
Oregon.....	16,863	37,164	9,503	18,554	9,416
Utah.....	14,879	35,256	10,852	25,036	10,749
Washington.....	39,539	76,568	21,454	38,832	21,438
Wyoming.....	3,793	7,822	2,475	5,493	2,446
Hawaii.....	1,649	5,823	481	1,293	481
Alaska.....	54	136	10	26	10

<sup>1</sup> Includes 8,106 loans made to borrowers in addition to their original loans.

Source: Federal Loan Agency, Federal Home Loan Bank Board—Applications received, Fifth Annual Report; loans closed and number of borrowers from an official report to Federal Home Loan Bank Board by the auditors of Home Owners' Loan Corporation, Sept. 20, 1938.

No. 293.—FEDERAL HOME LOAN BANKS—PRINCIPAL ASSETS AND LIABILITIES, AS OF DEC. 31, TOTAL, 1935 TO 1939, AND BY BANKS, 1939

[All figures in thousands of dollars]

BANK	ASSETS					LIABILITIES				Surplus, reserve, and undivided profits
	Total	Advances outstanding	Investments—U. S. Government securities	Cash	Deposits	Capital stock issued and outstanding				
						Fully paid		Partially paid (members)		
						Members	U. S. Govt.			
<b>All banks:</b>	126,422	102,795	18,657	4,454	4,359	24,194	94,196	596	2,279	
1935	161,935	145,401	9,480	6,514	11,146	28,126	117,869	365	3,416	
1936	256,877	200,095	32,020	23,203	12,772	34,577	124,741	440	5,204	
1938	283,806	198,842	46,404	37,850	21,975	37,882	124,741	144	7,579	
1939	1254,880	181,313	60,430	22,183	29,704	40,948	124,741	60	9,819	
Boston	19,571	7,410	8,169	3,948	2,602	3,982	12,468	18	431	
New York	28,257	19,820	2,217	0,129	3,582	4,670	18,963	3	1,031	
Pittsburgh	22,944	16,259	4,986	1,592	2,462	2,649	11,146	3	1,072	
Winston-Salem	21,765	19,820	1,520	343	1,661	4,168	9,298	1	1,072	
Cincinnati	33,898	18,339	11,366	4,058	6,755	7,560	12,776	12	1,376	
Indianapolis	20,779	10,944	7,376	2,415	6,188	2,885	6,577	1	527	
Chicago	37,101	25,882	4,440	6,724	5,835	4,719	14,174	8	1,235	
Des Moines	19,946	17,619	1,367	911	1,947	2,379	7,395	8	629	
Little Rock	13,712	9,844	2,490	1,328	55	2,119	8,772	1	703	
Topeka	13,528	10,947	1,939	597	1,140	1,752	7,834	1	541	
Portland	8,264	6,274	1,355	607	620	1,190	6,960	1	448	
Los Angeles	23,058	18,155	3,215	1,653	5,007	2,876	9,968	17	606	

<sup>1</sup> Totals are less than sums of figures for individual banks because of exclusion from totals of data for interbank transactions. Figures for 1935 to 1938 have been similarly adjusted.

Source: Federal Loan Agency, Federal Home Loan Bank Board; February issue of Federal Home Loan Bank Review.

No. 294.—FEDERAL HOME LOAN BANK SYSTEM—MEMBER INSTITUTIONS AND INSTITUTIONS INSURED BY THE FEDERAL SAVINGS AND LOAN INSURANCE CORPORATION: 1935 TO 1939

[All money figures in thousands of dollars]

	1935	1936	1937	1938	1939
<b>Member institutions as of Dec. 31:</b>					
Number	3,466	3,760	3,932	3,951	3,920
State-chartered institutions	2,479	2,560	2,614	2,594	2,522
Federal savings and loan associations	887	1,200	1,318	1,357	1,398
Assets	3,020,000	3,336,306	4,116,868	4,432,238	4,740,983
State-chartered institutions	2,525,000	2,553,358	3,017,899	3,121,528	3,164,923
Federal savings and loan associations	495,000	782,948	1,098,969	1,310,710	1,576,060
<b>Federal home loan bank loans to members:<sup>1</sup></b>					
Loans advanced during year	59,130	93,257	123,251	81,958	94,781
Repayments during year	42,994	50,651	68,557	83,211	112,310
Amounts outstanding Dec. 31	102,795	145,401	200,095	198,842	181,313
<b>Insured institutions:</b>					
Number	1,099	1,574	1,879	2,097	2,195
State-chartered associations	135	382	566	737	798
Federal savings and loan associations	964	1,192	1,313	1,360	1,397
Assets	*641,454	*1,047,419	1,768,309	2,128,706	2,506,944
State-chartered associations	*226,747	*487,013	669,726	817,626	932,630
Federal savings and loan associations	*414,707	*560,406	1,098,583	1,311,080	1,574,314
Number of investors	842,639	1,384,000	1,599,057	2,125,800	2,336,000
State-chartered associations	338,910	688,000	828,723	963,100	973,800
Federal savings and loan associations	503,729	696,000	770,334	1,162,700	1,412,200

<sup>1</sup> Figures include negligible amounts of loans to other than member institutions.

\* Assets as of date of insurance.

Source: Federal Loan Agency, Federal Home Loan Bank Board—Member institutions, Quarterly Report of Membership Progress of Federal Home Loan Bank System; loans to members, records of Comptroller's office; insured institutions, Quarterly Reports of Federal Savings and Loan Insurance Corporation.

NO. 295.—FARM CREDIT ADMINISTRATION—LOANS AND DISCOUNTS ADVANCED AND OUTSTANDING: 1920 TO 1939

(In thousands of dollars)

YEAR	FARM MORTGAGE LOANS BY 1—		LOANS TO COOPERATIVES BY—			FEDERAL INTER-MEDIATE CREDIT BANKS, LOANS TO AND DISCOUNTS FOR—		Production credit associations	Regional agricultural credit corporations	Emergency crop and drought loans
	Federal land banks	Land Bank Commissioner	Federal intermediate credit banks (direct)	Banks for co-operatives, including central bank	Agricultural Marketing Act revolving fund	Prod. credit assoc'ns, reg'l agric. credit corp'ns, banks for coop's 2	Private financing institutions			
<b>Advanced during—</b>										
1920	66,985									
1921	91,030									\$ 1,062
1922	224,301									\$ 1,480
1923	192,083		35,519				9,367			
1924	165,510		83,223				34,004			\$ 414
1925	127,355		100,243				53,488			
1926	131,318		103,941				73,521			\$ 244
1927	140,384		51,039				87,121			
1928	102,236		53,571				83,568			
1929	64,253		43,588		14,823		94,667			\$ 5,760
1930	47,971		109,927		193,395		109,047			\$ 5,340
1931	42,015		145,127		126,773		122,867			55,788
1932	27,570		89,245		34,458		151,578		24,697	64,205
1933	151,634	70,812	27,910	27,144	40,687	109,740	141,017	27	223,116	57,376
1934	730,367	553,136	57,669	40,371	9,555	233,597	124,949	107,216	140,589	70,471
1935	248,671	196,395	44,300	66,348	7,402	252,738	116,909	196,306	90,055	96,840
1936	109,170	77,258	3,755	81,294	20,449	271,700	106,206	228,090	34,667	16,629
1937	63,092	40,020	5,129	97,584	5,935	342,970	101,458	286,578	18,603	32,503
1938	51,418	29,395	2,668	94,040	7,911	370,888	90,400	302,623	5,718	19,047
1939	51,582	27,417	4,156	83,360	1,214	381,222	86,558	320,961	4,664	15,274
<b>Outstanding Dec. 31—</b>										
1920	349,679									\$ 1,052
1921	432,623									\$ 1,052
1922	639,486									\$ 3,817
1923	799,597		33,627				9,105			\$ 2,358
1924	927,568		43,507				18,700			\$ 2,207
1925	1,005,685		53,730				26,272			\$ 2,101
1926	1,077,819		52,700				39,730			\$ 2,292
1927	1,155,649		31,691				43,924			\$ 2,246
1928	1,194,821		36,174				45,193			\$ 7,076
1929	1,108,514		26,073		14,510		50,018			\$ 8,046
1930	1,189,004		45,177		136,698		65,633			49,790
1931	1,167,898		45,177		156,280		74,691			90,354
1932	1,128,564		9,866		158,885		82,518		24,373	90,863
1933	1,232,707	70,738	15,211	18,697	157,752	73,263	60,980	27	144,636	171,238
1934	1,915,792	616,825	33,969	27,851	64,863	90,675	55,672	60,852	87,102	172,863
1935	2,071,926	794,726	2,731	50,013	44,433	104,706	47,162	94,096	43,400	106,390
1936	2,064,188	836,779	1,641	69,647	53,754	129,872	41,017	105,212	25,288	172,701
1937	2,035,397	812,749	1,813	87,633	30,982	165,194	40,464	138,169	15,592	171,450
1938	1,932,224	752,851	920	87,466	23,723	168,392	33,545	148,037	11,081	168,330
1939	1,904,656	690,880	1,835	76,252	20,547	165,236	33,354	154,496	8,005	

1 For loans by joint stock land banks, see table 302.

2 Amounts in this column are duplicated in loans shown for the 3 agencies concerned.

3 Amounts advanced for the fiscal year ended June 30 and outstanding as of June 30.

Source: Department of Agriculture, Farm Credit Administration; Annual Report, Quarterly Report on Loans and Discounts.

NO. 296.—NATIONAL FARM LOAN ASSOCIATIONS AND PRODUCTION CREDIT ASSOCIATIONS—NUMBER, BY DISTRICTS, DEC. 31, 1939

DISTRICT	NATIONAL FARM LOAN ASSOCIATIONS			Production credit associations	DISTRICT	NATIONAL FARM LOAN ASSOCIATIONS			Production credit associations
	Total	Active	Inactive			Total	Active	Inactive	
Total	3,910	3,792	188	541	District 6	347	347		53
District 1	164	135	20	35	District 7	523	516	7	72
District 2	210	210		36	District 8	490	490		42
District 3	373	315	58	94	District 9	321	321		41
District 4	461	461		43	District 10	318	317	1	36
District 5	258	253	5	26	District 11	171	130	41	30
					District 12	274	227	47	33

Source: Department of Agriculture, Farm Credit Administration; Annual Report.

No. 297.—FARM CREDIT ADMINISTRATION—LOANS AND DISCOUNTS OUTSTANDING DEC. 31, 1939, BY STATES

[In thousands of dollars]

DISTRICT AND STATE	Total <sup>1</sup>	Federal land banks	Land Bank Commissioner	Federal intermediate credit banks	Production credit associations <sup>2</sup>	District banks for cooperatives
<b>Total</b> .....	<b>2,852,681</b>	<b>1,904,655</b>	<b>690,880</b>	<b>200,425</b>	<b>154,496</b>	<b>4 62,739</b>
<b>District No. 1</b> .....	<b>120,141</b>	<b>72,354</b>	<b>30,791</b>	<b>12,477</b>	<b>11,258</b>	<b>4,817</b>
Maine.....	11,623	6,488	3,532	1,117	774	542
New Hampshire.....	2,280	1,390	761	210	170	17
Vermont.....	7,851	4,041	1,441	1,203	1,084	496
Massachusetts.....	12,841	7,094	3,897	810	614	1,236
Rhode Island.....	2,337	1,209	599	453	473	56
Connecticut.....	11,019	6,490	3,002	1,302	1,305	123
New York.....	57,014	35,997	12,985	6,000	5,372	1,748
New Jersey.....	15,176	9,093	4,584	1,322	1,400	99
<b>District No. 2</b> .....	<b>108,306</b>	<b>73,060</b>	<b>21,203</b>	<b>9,742</b>	<b>6,434</b>	<b>4,469</b>
Pennsylvania.....	30,091	19,681	6,907	2,860	2,692	811
Delaware.....	1,440	830	413	176	190	7
Maryland.....	13,035	7,946	3,302	1,452	1,543	844
Virginia.....	37,675	20,630	6,452	2,006	2,112	2,369
West Virginia.....	11,312	7,881	2,586	767	826	19
Puerto Rico.....	14,152	10,092	1,543	2,301	1,071	409
<b>District No. 3</b> .....	<b>122,149</b>	<b>83,900</b>	<b>47,955</b>	<b>6,921</b>	<b>7,211</b>	<b>2,733</b>
North Carolina.....	35,137	18,816	14,810	902	1,091	419
South Carolina.....	24,227	13,410	10,218	468	597	3
Georgia.....	30,806	22,256	15,334	1,826	2,037	209
Florida.....	22,889	9,418	7,593	3,735	3,486	2,042
<b>District No. 4</b> .....	<b>275,622</b>	<b>184,562</b>	<b>66,229</b>	<b>22,175</b>	<b>20,548</b>	<b>3,713</b>
Ohio.....	81,817	53,843	19,085	7,585	6,580	1,438
Indiana.....	98,471	68,137	20,804	7,837	7,032	1,863
Kentucky.....	51,308	33,875	13,459	3,556	3,644	285
Tennessee.....	44,026	28,697	11,881	3,197	3,292	127
<b>District No. 5</b> .....	<b>112,518</b>	<b>73,661</b>	<b>20,328</b>	<b>10,982</b>	<b>4,970</b>	<b>10,607</b>
Alabama.....	38,125	27,692	8,243	1,794	1,668	341
Mississippi.....	42,967	26,280	7,608	5,409	1,650	6,955
Louisiana.....	31,426	19,689	4,477	3,779	1,602	3,311
<b>District No. 6</b> .....	<b>277,946</b>	<b>193,295</b>	<b>62,247</b>	<b>19,710</b>	<b>16,980</b>	<b>2,544</b>
Illinois.....	180,656	137,595	37,325	10,639	9,553	1,000
Missouri.....	64,400	38,743	18,491	6,433	5,776	960
Arkansas.....	26,800	16,967	6,431	2,638	1,651	584
<b>District No. 7</b> .....	<b>456,131</b>	<b>295,523</b>	<b>135,034</b>	<b>21,157</b>	<b>14,287</b>	<b>3,877</b>
Michigan.....	73,036	48,026	21,922	2,354	2,283	1,249
Wisconsin.....	125,200	74,964	42,887	6,922	5,593	1,104
Minnesota.....	165,231	111,780	42,361	9,891	5,634	1,116
North Dakota.....	91,064	60,753	27,804	1,990	772	408
<b>District No. 8</b> .....	<b>600,880</b>	<b>375,498</b>	<b>108,198</b>	<b>14,340</b>	<b>13,348</b>	<b>2,238</b>
Iowa.....	200,608	201,586	52,641	4,852	4,588	1,168
South Dakota.....	71,574	49,579	18,551	2,999	2,989	294
Nebraska.....	152,267	114,857	32,721	4,028	3,827	542
Wyoming.....	10,481	9,476	4,285	2,461	1,942	234
<b>District No. 9</b> .....	<b>245,069</b>	<b>159,519</b>	<b>64,971</b>	<b>16,487</b>	<b>12,387</b>	<b>5,567</b>
Kansas.....	131,166	90,317	37,035	2,998	2,692	1,020
Oklahoma.....	57,535	34,701	15,437	6,388	3,124	2,557
Colorado.....	41,019	25,699	9,673	4,360	4,084	1,654
New Mexico.....	14,469	8,802	2,776	2,741	2,487	26
<b>District No. 10</b> .....	<b>267,400</b>	<b>194,563</b>	<b>46,096</b>	<b>23,115</b>	<b>12,027</b>	<b>2,909</b>
Texas.....	267,400	194,563	46,096	23,115	12,027	2,909
<b>District No. 11</b> .....	<b>199,717</b>	<b>117,052</b>	<b>52,074</b>	<b>21,208</b>	<b>13,509</b>	<b>12,980</b>
Arizona.....	12,344	8,160	2,324	1,756	1,785	76
Utah.....	25,191	14,455	5,277	4,375	1,892	1,008
Nevada.....	4,013	2,977	705	1,149	1,190	41
California.....	157,209	91,460	43,768	13,928	8,642	11,865
<b>District No. 12</b> .....	<b>166,833</b>	<b>101,878</b>	<b>36,755</b>	<b>22,111</b>	<b>19,541</b>	<b>6,795</b>
Montana.....	34,575	16,712	10,240	7,276	7,153	66
Idaho.....	41,429	26,654	8,893	5,291	5,070	631
Washington.....	46,224	31,370	8,525	3,906	2,319	2,992
Oregon.....	44,605	26,942	9,187	5,638	4,990	3,106

<sup>1</sup> In obtaining totals in this column adjustments were made to avoid duplication arising from the fact that production credit associations and banks for cooperatives borrow from and rediscount loans with the Federal intermediate credit banks.

<sup>2</sup> Includes outstanding loans of associations which have been placed in liquidation.

<sup>3</sup> Not including loans for the Central Bank for Cooperatives which have not been allocated by States.

<sup>4</sup> Includes participation by the Central Bank for Cooperatives.

Source: Department of Agriculture, Farm Credit Administration; Annual Report, Farm Credit Quarterly.

No. 298.—FEDERAL LAND BANKS AND LAND BANK COMMISSIONER—NUMBER AND AMOUNT OF LOANS CLOSED DURING 1938 AND 1939, BY STATES

[Amounts in thousands of dollars]

FEDERAL LAND BANK DISTRICT AND STATE	FEDERAL LAND BANKS				LAND BANK COMMISSIONER				TOTAL AMOUNT OF LOANS (BANKS AND COMMISSIONER)	
	1938		1939		1938		1939		1938	1939
	Number	Amount	Number	Amount	Number	Amount	Number	Amount		
<b>Total</b> .....	<b>14,171</b>	<b>51,418</b>	<b>13,624</b>	<b>51,582</b>	<b>17,453</b>	<b>29,395</b>	<b>16,423</b>	<b>27,417</b>	<b>80,814</b>	<b>78,999</b>
<b>District No. 1</b> .....	<b>1,141</b>	<b>3,121</b>	<b>1,107</b>	<b>3,028</b>	<b>1,378</b>	<b>2,396</b>	<b>1,278</b>	<b>2,228</b>	<b>5,517</b>	<b>5,256</b>
Maine.....	46	113	17	45	74	132	35	48	245	93
New Hampshire.....	34	63	27	55	54	80	39	56	143	111
Vermont.....	72	166	67	141	95	124	65	87	290	228
Massachusetts.....	129	303	96	223	177	309	141	283	612	506
Rhode Island.....	19	48	20	49	27	60	23	45	108	94
Connecticut.....	133	378	154	459	169	338	187	368	716	837
New York.....	534	1,542	557	1,594	571	927	578	926	2,469	2,520
New Jersey.....	174	508	160	452	211	426	210	415	984	867
<b>District No. 2</b> .....	<b>619</b>	<b>2,009</b>	<b>491</b>	<b>1,565</b>	<b>651</b>	<b>1,021</b>	<b>539</b>	<b>861</b>	<b>3,030</b>	<b>2,426</b>
Pennsylvania.....	270	719	186	551	242	288	177	239	1,007	790
Delaware.....	17	55	8	20	17	22	15	10	77	39
Maryland.....	55	213	63	220	64	121	70	107	334	327
Virginia.....	169	613	154	458	169	242	147	207	855	665
West Virginia.....	89	227	62	196	87	105	72	102	332	298
Puerto Rico.....	18	182	18	120	72	243	58	187	425	307
<b>District No. 3</b> .....	<b>676</b>	<b>1,475</b>	<b>679</b>	<b>2,194</b>	<b>1,633</b>	<b>1,870</b>	<b>1,829</b>	<b>2,229</b>	<b>3,344</b>	<b>4,423</b>
North Carolina.....	229	444	318	904	546	611	633	788	1,055	1,482
South Carolina.....	106	230	134	329	258	293	279	354	523	683
Georgia.....	283	573	336	998	714	769	751	843	1,342	1,539
Florida.....	58	223	91	475	115	197	166	244	425	719
<b>District No. 4</b> .....	<b>1,559</b>	<b>4,469</b>	<b>1,666</b>	<b>4,880</b>	<b>1,989</b>	<b>3,026</b>	<b>1,997</b>	<b>2,983</b>	<b>7,495</b>	<b>7,863</b>
Ohio.....	543	1,623	596	1,791	565	898	512	708	2,422	2,689
Indiana.....	551	1,635	581	1,633	605	1,080	684	1,018	2,715	2,651
Kentucky.....	208	633	232	836	293	471	307	504	1,114	1,340
Tennessee.....	257	568	257	620	466	577	494	663	1,145	1,283
<b>District No. 5</b> .....	<b>1,414</b>	<b>3,017</b>	<b>1,103</b>	<b>3,253</b>	<b>1,919</b>	<b>1,653</b>	<b>1,604</b>	<b>1,595</b>	<b>4,670</b>	<b>4,848</b>
Alabama.....	337	1,424	654	1,256	1,023	778	864	704	2,202	1,960
Mississippi.....	406	957	281	1,260	647	535	489	598	1,492	1,798
Louisiana.....	171	636	173	737	244	340	251	353	970	1,090
<b>District No. 6</b> .....	<b>1,675</b>	<b>7,989</b>	<b>1,440</b>	<b>7,394</b>	<b>1,637</b>	<b>3,366</b>	<b>1,374</b>	<b>2,827</b>	<b>11,365</b>	<b>10,121</b>
Illinois.....	1,117	6,187	1,055	6,050	922	2,310	874	2,097	8,407	8,147
Missouri.....	428	1,293	285	843	463	659	317	455	1,952	1,268
Arkansas.....	130	509	100	401	267	307	183	275	906	670
<b>District No. 7</b> .....	<b>736</b>	<b>2,793</b>	<b>749</b>	<b>2,940</b>	<b>871</b>	<b>1,456</b>	<b>895</b>	<b>1,278</b>	<b>4,251</b>	<b>4,216</b>
Michigan.....	153	369	222	642	223	302	283	378	701	1,020
Wisconsin.....	221	801	197	766	266	466	298	325	1,267	1,091
Minnesota.....	362	1,593	330	1,532	382	690	334	573	2,283	2,105
<b>District No. 8</b> .....	<b>1,649</b>	<b>3,329</b>	<b>1,760</b>	<b>3,178</b>	<b>1,790</b>	<b>4,343</b>	<b>1,703</b>	<b>3,715</b>	<b>12,672</b>	<b>12,893</b>
Iowa.....	854	4,875	959	5,814	791	2,132	845	2,021	7,007	7,335
South Dakota.....	76	300	70	269	178	394	122	265	694	534
Nebraska.....	670	2,837	662	2,745	727	1,553	619	1,152	4,300	3,897
Wyoming.....	40	317	69	350	94	264	117	277	581	627
<b>District No. 9</b> .....	<b>1,561</b>	<b>4,632</b>	<b>1,532</b>	<b>4,321</b>	<b>1,639</b>	<b>2,311</b>	<b>1,574</b>	<b>2,270</b>	<b>6,993</b>	<b>7,091</b>
Kansas.....	847	2,631	806	2,620	749	1,093	695	982	3,724	3,602
Oklahoma.....	408	1,112	405	1,124	475	597	431	541	1,709	1,665
Colorado.....	214	721	234	792	275	437	319	532	1,158	1,324
New Mexico.....	92	218	87	285	140	184	129	215	402	500
<b>District No. 10</b> .....	<b>1,252</b>	<b>4,183</b>	<b>1,318</b>	<b>4,637</b>	<b>1,635</b>	<b>2,655</b>	<b>1,693</b>	<b>2,796</b>	<b>6,838</b>	<b>7,433</b>
Texas.....	1,252	4,183	1,318	4,637	1,635	2,655	1,693	2,796	6,838	7,433
<b>District No. 11</b> .....	<b>1,002</b>	<b>5,598</b>	<b>682</b>	<b>4,020</b>	<b>1,218</b>	<b>3,151</b>	<b>886</b>	<b>2,325</b>	<b>8,749</b>	<b>6,345</b>
Arizona.....	94	353	82	378	116	273	102	296	627	674
Utah.....	62	202	29	140	68	138	35	72	359	272
Nevada.....	14	103	6	20	15	53	4	15	156	85
California.....	832	4,940	565	3,482	1,019	2,687	745	1,942	7,627	5,424
<b>District No. 12</b> .....	<b>887</b>	<b>3,754</b>	<b>892</b>	<b>3,772</b>	<b>1,073</b>	<b>2,145</b>	<b>1,121</b>	<b>2,312</b>	<b>5,899</b>	<b>6,084</b>
Montana.....	132	497	138	491	204	433	229	427	930	888
Idaho.....	269	936	293	885	286	438	307	533	1,424	1,418
Washington.....	258	1,321	240	1,285	291	645	292	707	1,968	1,932
Oregon.....	242	1,000	245	1,140	292	679	293	645	1,579	1,785

Source: Department of Agriculture, Farm Credit Administration; Annual Report.

No. 299.—FEDERAL LAND BANKS—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31: 1931 TO 1939

[In thousands of dollars]

DECEMBER 31—	ASSETS				LIABILITIES				
	Total	Mortgage loans <sup>1</sup>	U. S. Govt. obligations, direct and fully guaranteed <sup>2</sup>	Cash on hand and in banks	Farm loan bonds outstanding <sup>3</sup>	Capital stock		Paid-in surplus, U. S. Govt.	Reserve and undivided profits <sup>4</sup>
						Owned by U. S. Govt.	Other <sup>4</sup>		
1931	1,282,880	1,162,880	12,240	11,272	1,169,877	206	65,471	15,860	
1932	1,380,527	1,110,230	100,548	12,260	1,147,407	125,046	64,001	16,023	
1933	1,614,410	1,213,110	65,894	23,889	1,241,610	124,048	60,619	17,025	
1934	2,230,025	1,895,810	91,952	30,088	1,784,305	117,617	103,977	4,975	
1935	2,391,897	2,070,612	41,019	26,524	1,927,836	123,098	112,893	27,871	
1936	2,456,853	2,062,559	42,498	60,970	1,964,480	124,066	114,487	49,277	
1937	2,389,979	2,033,542	50,852	20,231	1,797,435	124,122	113,544	62,913	
1938	2,341,118	1,976,717	65,891	20,193	1,762,054	124,960	113,329	78,892	
1939	2,300,172	1,896,213	88,874	37,184	1,742,835	125,000	111,476	91,538	

<sup>1</sup> Less payments on principal and principal of delinquent and extended installments.  
<sup>2</sup> Less amounts sold under repurchase agreements.  
<sup>3</sup> Unmatured. Figures for 1932 include \$18,500,000 of bonds issued to the Reconstruction Finance Corporation and for 1933, \$142,118,000.  
<sup>4</sup> Owned by national farm loan associations and individual borrowers.  
<sup>5</sup> Not including special reserves set up against particular assets.  
<sup>6</sup> Less impairment or deficit. The decrease in reserves and undivided profits for 1934 resulted largely from a change in accounting procedures. Includes earned surplus beginning with 1937.  
<sup>7</sup> Includes claims not yet paid: \$3,054,000 for 1934, \$2,719,000 for 1935, \$6,094,000 for 1936, \$3,621,000 for 1937, \$381,000 for 1938, and \$186,000 for 1939.

No. 300.—FEDERAL FARM MORTGAGE CORPORATION—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31, 1939

[In thousands of dollars]

	Amount		Amount
Assets, total	1,516,377	Liabilities, total	1,516,377
Mortgage loans (unpaid principal)	1,690,880	Federal Farm Mortgage Corporation bonds outstanding, less on hand	1,270,388
Cash with the Treasurer of the United States and undeposited receipts	18,936	Accrued interest on Federal Farm Mortgage Corporation bonds (not yet due)	8,349
Consolidated Federal farm loan bonds (par)	761,130	Matured interest on Federal Farm Mortgage Corporation bonds	1,217
Accrued interest receivable (not yet due)	16,763	Other liabilities	6,387
Other assets	28,668	Reserve for losses on mortgage loans	21,036
		Capital stock, U. S. Government	200,000

<sup>1</sup> First-mortgage loans, \$251,764,000; second-mortgage loans, \$439,116,000.

No. 301.—JOINT-STOCK LAND BANKS—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31: 1934 TO 1939

NOTE.—Banks in receiverships are not included after date of receivership. The Farm Mortgage Act of 1933, approved May 12, prohibited the joint-stock banks from making new farm-mortgage loans, except in connection with refinancing of existing loans, and provided for the orderly liquidation of the banks

[In thousands of dollars]

	1934	1935	1936	1937	1938	1939
Assets, total	336,611	264,620	226,124	194,352	168,625	149,542
Mortgage loans <sup>1</sup>	232,859	105,390	126,517	99,276	83,467	62,878
Purchase money mortgages, contracts, etc.	14,013	18,000	22,686	25,242	24,036	22,212
Cash and securities	33,266	21,247	21,741	17,076	16,741	25,439
Real estate, sheriffs' certificates, etc.	49,067	53,954	60,998	49,249	41,520	36,911
Other assets	7,416	6,029	4,282	3,509	2,701	2,102
Liabilities	336,611	264,620	226,124	194,352	168,625	149,542
Bonds <sup>2</sup>	270,230	205,228	165,010	133,172	111,373	96,871
Notes payable	9,170	7,331	9,382	7,163	8,293	7,611
Other liabilities	8,714	6,468	7,422	5,919	5,424	3,850
Capital stock and paid-in surplus	38,098	37,682	37,103	35,802	34,117	33,858
Earned surplus, reserves, and undivided profits	10,399	7,911	7,207	12,296	9,318	7,352

<sup>1</sup> Less payments on principal and principal of delinquent installments.  
<sup>2</sup> Includes bonds matured or called and certificates in lieu of fractional bonds.  
 Source of tables 299, 300, and 301: Department of Agriculture, Farm Credit Administration; Annual Report.



### No. 302.—JOINT-STOCK LAND BANKS—FARM MORTGAGE LOANS CLOSED AND OUTSTANDING: 1922 TO 1939

NOTE.—In thousands of dollars. Banks in receivership are included

YEAR	Loans closed	Loans outstanding Dec. 31 <sup>1</sup>	YEAR	Loans closed	Loans outstanding Dec. 31 <sup>1</sup>
1922.....	138, 085	218, 775	1931.....	5, 407	536, 644
1923.....	189, 748	302, 630	1932.....	2, 181	459, 183
1924.....	74, 587	446, 429	1933.....	739	392, 438
1925.....	131, 431	545, 559	1934.....	21 6	255, 927
1926.....	123, 026	632, 470	1935.....	275	175, 677
1927.....	83, 710	669, 798	1936.....	337	133, 490
1928.....	40, 572	658, 516	1937.....	367	104, 163
1929.....	18, 186	626, 980	1938.....	176	87, 362
1930.....	5, 236	590, 811	1939.....	363	65, 710

<sup>1</sup> Unmatured principal, except for banks in receivership, for which unpaid principal is used.

### No. 303.—JOINT-STOCK LAND BANKS—NUMBER AND AMOUNT OF LOANS OUTSTANDING, BY STATES: DEC. 31, 1939

NOTE.—Unmatured principal in thousands of dollars. Banks in receivership are included

STATE	Number	Unmatured principal <sup>1</sup>	STATE	Number	Unmatured principal <sup>1</sup>	STATE	Number	Unmatured principal <sup>1</sup>
<b>Total.....</b>	<b>18, 678</b>	<b>65, 719</b>	Louisiana.....	17	139	Ohio.....	1, 644	4, 383
Alabama.....	288	1, 026	Maryland.....	74	299	Oklahoma.....	259	795
Arkansas.....	328	1, 456	Michigan.....	310	896	Oregon.....	143	1, 103
Colorado.....	353	1, 507	Minnesota.....	91	327	Pennsylvania.....	800	2, 035
Georgia.....	473	1, 086	Mississippi.....	76	621	South Carolina.....	379	1, 014
Idaho.....	7	14	Missouri.....	581	1, 775	South Dakota.....	65	352
Illinois.....	1, 373	6, 726	Montana.....	43	189	Texas.....	2, 216	9, 798
Indiana.....	2, 830	10, 089	Nebraska.....	276	1, 460	Utah.....	1	( <sup>2</sup> )
Iowa.....	655	4, 166	New Jersey.....	124	377	Virginia.....	528	1, 226
Kansas.....	605	2, 920	New York.....	888	2, 325	Washington.....	47	304
Kentucky.....	128	302	North Carolina.....	2, 437	4, 563	West Virginia.....	366	517
			North Dakota.....	9	39	Wyoming.....	208	976

<sup>1</sup> Includes unpaid principal for banks in receivership.

<sup>2</sup> Less than \$500.

### No. 304.—BANKS FOR COOPERATIVES—LOANS ADVANCED AND OUTSTANDING, BY BANKS AND BY COMMODITIES, BY TYPE OF LOAN: 1939

[In thousands of dollars]

BANK	Advanced during 1939	OUTSTANDING DEC. 31, 1939				COMMODITY	Advanced during 1939	OUTSTANDING DEC. 31, 1939		
		Total	Com-mod-ity	Oper-ating	Facil-ity			Com-mod-ity	Oper-ating	Facil-ity
<b>Total.....</b>	<b>83, 380</b>	<b>76, 252</b>	<b>20, 950</b>	<b>32, 327</b>	<b>22, 976</b>	<b>Total.....</b>	<b>83, 380</b>	<b>20, 950</b>	<b>32, 327</b>	<b>22, 976</b>
District banks.....	66, 347	62, 740	14, 583	26, 915	21, 237	Farm products.....	72, 787	20, 795	23, 501	17, 219
Springfield.....	3, 847	4, 317	266	2, 908	1, 082	Fruits and veg- etables.....	21, 935	5, 531	7, 336	4, 749
Baltimore.....	4, 066	4, 459	668	2, 744	1, 047	Wine and brandy.....	6, 202	1, 909	1, 325	1, 328
Columbia.....	2, 149	2, 733	3	1, 999	735	Dairy.....	5, 206	72	2, 840	3, 856
Louisville.....	6, 230	3, 713	928	2, 416	371	Poultry.....	1, 965	16	1, 812	438
New Orleans.....	10, 931	10, 607	3, 413	4, 685	2, 509	Grain.....	13, 019	5, 808	2, 920	2, 091
St. Louis.....	2, 504	2, 544	282	1, 378	884	Tobacco.....	1, 413	125	194	98
St. Paul.....	2, 330	3, 877	418	1, 440	2, 010	Sugar.....	2, 799	-----	1, 181	2, 333
Omaha.....	1, 180	2, 242	172	1, 373	696	Nuts.....	438	-----	329	35
Wichita.....	4, 553	5, 575	2, 181	859	2, 535	Wool and mo- hair.....	4, 178	-----	329	5
Houston.....	5, 774	2, 301	38	1, 101	1, 753	Cotton.....	12, 434	6, 557	3, 525	1, 745
Berkeley.....	17, 146	12, 990	4, 632	4, 206	4, 162	Livestock.....	972	-----	230	315
Spokane.....	4, 986	6, 791	1, 591	1, 746	3, 454	Other.....	2, 087	777	1, 471	224
Central bank.....	26, 010	21, 104	9, 878	9, 370	2, 157	Farm supply.....	9, 491	155	8, 209	1, 264
Eliminations: Participation loans.....	8, 986	7, 591	3, 210	3, 958	417	General.....	8, 174	155	7, 384	842
						Petroleum products.....	1, 317	-----	825	423
						Farm business services.....	1, 082	-----	616	4, 492

Source of tables 302, 303, and 304: Department of Agriculture, Farm Credit Administration; Annual Report.

No. 305.—FEDERAL INTERMEDIATE CREDIT BANKS—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31: 1927 TO 1939

[In thousands of dollars]

	ASSETS					LIABILITIES			
	Total	Loans and discounts <sup>1</sup>			U. S. obligations, direct and fully guaranteed <sup>2</sup>	Cash on hand and in banks	Paid-in capital and surplus, U.S. Government	Surplus earned, and undivided profits <sup>3</sup>	Debtentures outstanding (unmatured) <sup>4</sup>
		Cooperative associations	Banks for cooperatives	Financing institutions					
<b>All banks:</b>									
1927	118, 073	31, 991		43, 924	500	3, 885	25, 000	1, 680	50, 450
1928	118, 006	36, 174		45, 103	50	3, 242	27, 000	1, 034	42, 475
1929	110, 812	26, 073		50, 018	1, 117	2, 980	30, 000	2, 210	45, 695
1930	167, 549	64, 377		65, 633	2, 234	4, 482	30, 000	3, 239	101, 225
1931	166, 499	45, 177		74, 691	1, 366	4, 118	30, 000	3, 947	77, 490
1932	137, 172	9, 866		82, 518	6, 813	8, 511	32, 000	2, 166	72, 270
1933	195, 049	15, 211		134, 252	32, 747	8, 979	60, 000	3, 579	128, 185
1934	273, 449	33, 969		155, 347	74, 205	5, 316	100, 000	3, 397	164, 370
1935	239, 755	2, 731	8, 047	143, 822	73, 255	9, 587	100, 000	5, 962	131, 005
1936	255, 086	1, 641	22, 314	148, 576	73, 215	8, 876	100, 000	8, 386	143, 950
1937	290, 707	1, 813	29, 155	175, 803	73, 404	8, 245	100, 000	12, 561	174, 950
1938	288, 029	920	25, 284	176, 126	73, 999	9, 587	100, 000	16, 195	168, 725
1939	328, 783	1, 835	17, 911	180, 153	74, 800	62, 707	100, 000	18, 160	207, 200
Springfield	19, 881	900	240	11, 337	4, 500	2, 862	5, 400	1, 068	12, 700
Baltimore	18, 417		2, 072	9, 089	5, 200	1, 987	5, 800	1, 176	11, 350
Columbia	16, 519		400	6, 921	6, 325	2, 749	10, 200	283	5, 950
Louisville	34, 167		975	21, 148	5, 050	6, 880	5, 800	1, 815	26, 375
New Orleans	15, 997		3, 813	5, 524	3, 650	2, 111	6, 200	798	8, 950
St. Louis	30, 566	935	282	19, 529	4, 275	5, 426	5, 600	1, 491	23, 300
St. Paul	33, 762		1, 177	17, 867	9, 350	5, 224	10, 700	2, 745	19, 925
Omaha	24, 798		341	14, 449	7, 150	2, 622	8, 800	2, 650	13, 200
Wichita	26, 857		2, 254	13, 870	7, 250	3, 424	9, 600	1, 901	15, 200
Houston	34, 067		438	23, 046	5, 350	5, 194	7, 800	2, 627	23, 350
Berkeley	35, 460		4, 275	16, 577	9, 500	4, 986	13, 400	393	21, 475
Spokane	38, 272		1, 644	20, 806	7, 200	8, 450	10, 800	1, 614	25, 425

<sup>1</sup> Exclusive of interbank loans.

<sup>2</sup> Less sold under repurchase agreement.

<sup>3</sup> Net amount after deducting impairment or deficit.

<sup>4</sup> Adjusted for debentures held by banks of issue and by other Federal intermediate credit banks.

<sup>5</sup> Carried at cost or par, whichever is lower.

No. 306.—FEDERAL INTERMEDIATE CREDIT BANKS—LOANS AND DISCOUNTS MADE, BY TYPE OF INSTITUTION: 1935 TO 1939

[In thousands of dollars]

YEAR AND BANK	Total	LOANS TO AND DISCOUNTS FOR FINANCING INSTITUTIONS			Discounts for banks for cooperatives	Direct loans to cooperative associations
		Total	Production credit associations	Other		
1935	414, 156	390, 114	210, 070	149, 444	9, 533	44, 509
1936	381, 061	347, 634	241, 428	106, 206	30, 272	3, 755
1937	440, 666	407, 231	305, 823	101, 458	37, 156	5, 129
1938	464, 022	422, 219	331, 753	90, 466	39, 135	2, 668
1939	471, 936	438, 247	351, 690	86, 557	28, 533	4, 156
Springfield	24, 447	21, 313	20, 370	943	1, 134	2, 000
Baltimore	20, 923	16, 907	15, 614	1, 293	4, 016	
Columbia	36, 784	30, 045	35, 217	828	730	
Louisville	40, 801	38, 454	35, 257	3, 197	1, 847	
New Orleans	30, 189	26, 042	20, 058	5, 984	4, 147	
St. Louis	45, 101	41, 960	35, 946	6, 044	1, 560	1, 551
St. Paul	30, 744	29, 542	23, 000	5, 942	1, 202	
Omaha	31, 745	31, 250	27, 448	3, 802	495	
Wichita	34, 613	31, 649	27, 125	4, 524	2, 064	
Houston	73, 944	72, 284	33, 793	38, 491	1, 600	
Berkeley	54, 206	46, 201	36, 149	10, 052	7, 400	605
Spokane	48, 939	46, 570	41, 113	5, 457	2, 369	

Source of tables 305 and 306: Department of Agriculture, Farm Credit Administration; Annual Report.

NO. 307.—PRODUCTION CREDIT ASSOCIATIONS—APPLICATIONS RECEIVED AND  
LOANS CLOSED DURING 1938 AND 1939 AND LOANS OUTSTANDING DEC. 31,  
1938 AND 1939, BY STATES

NOTE.—Amounts in thousands of dollars. Includes data for associations which have been placed in  
liquidation

DISTRICT AND STATE	NUMBER OF APPLICATIONS RECEIVED		LOANS CLOSED				LOANS OUTSTANDING DEC. 31			
			1938		1939		1938		1939	
	1938	1939	Number	Amount advanced	Number	Amount advanced	Number	Amount	Number	Amount
Total	306,489	278,098	243,484	302,623	234,266	320,981	166,861	143,037	156,884	154,496
District No. 1	18,899	17,609	13,298	18,560	13,033	18,414	11,492	11,823	11,044	11,266
Maine	1,147	1,069	619	722	703	827	1,194	875	998	774
New Hampshire	606	432	206	206	301	321	202	174	227	177
Vermont	2,240	2,076	1,801	1,807	1,730	1,685	1,535	1,190	1,470	1,084
Massachusetts	1,271	1,047	886	1,266	1,772	1,017	765	815	610	614
Rhode Island	491	407	240	717	244	846	236	548	202	473
Connecticut	1,832	1,482	1,015	1,913	997	2,014	898	1,381	871	1,363
New York	9,440	8,930	6,765	9,236	6,792	9,350	5,320	5,348	5,464	5,372
New Jersey	2,316	2,120	1,684	2,693	1,499	2,354	1,280	1,484	1,202	1,400
District No. 2	17,503	16,982	13,884	12,918	13,958	13,966	9,579	7,800	10,013	8,434
Pennsylvania	7,045	7,018	5,679	4,250	5,615	4,006	4,504	2,594	4,540	2,602
Delaware	519	493	368	236	405	281	818	154	332	190
Maryland	2,261	1,947	1,690	2,798	1,603	2,867	1,319	1,189	1,310	1,643
Virginia	5,210	5,043	3,940	3,062	4,033	3,498	2,301	1,739	2,702	2,112
West Virginia	1,277	1,101	951	972	625	1,063	802	712	826	826
Puerto Rico	291	360	227	1,601	274	1,560	275	1,211	288	1,071
District No. 3	66,630	50,400	49,418	23,547	45,671	23,899	15,104	7,108	13,115	7,211
North Carolina	22,055	20,328	19,625	7,587	18,371	7,935	3,788	1,006	3,897	1,091
South Carolina	14,205	12,178	12,700	5,057	11,030	4,633	3,412	869	1,017	697
Georgia	16,325	14,044	14,361	6,536	13,094	6,573	6,113	1,785	5,574	2,037
Florida	4,051	3,252	2,732	4,368	2,670	4,758	1,821	3,449	2,027	3,480
District No. 4	45,274	43,203	34,583	28,802	35,682	32,603	29,029	17,584	32,409	20,548
Ohio	14,582	13,444	11,576	9,719	11,718	10,577	10,417	6,147	10,538	6,580
Indiana	13,638	12,134	10,001	10,445	9,881	11,870	8,783	5,902	9,303	7,033
Kentucky	7,921	8,066	6,182	4,101	7,252	5,102	5,504	2,747	6,808	3,044
Tennessee	9,133	8,959	6,825	4,537	6,836	5,054	6,135	2,780	5,700	3,292
District No. 5	30,971	27,505	26,113	18,059	24,036	18,588	7,284	3,919	9,185	4,970
Alabama	6,317	5,705	5,333	3,849	4,865	4,215	1,810	1,181	2,468	1,658
Mississippi	16,034	14,258	12,730	8,098	12,460	8,368	3,324	1,187	4,673	1,951
Louisiana	8,120	7,542	7,050	6,112	6,711	6,004	2,130	1,551	2,044	1,662
District No. 6	40,072	36,320	33,222	25,696	29,489	34,353	17,216	12,274	19,405	16,890
Illinois	16,066	13,594	11,233	13,553	11,951	17,574	8,876	7,897	9,679	9,553
Missouri	13,136	12,630	11,028	6,956	8,098	10,629	6,097	3,754	7,178	5,770
Arkansas	10,870	10,095	8,951	5,186	8,840	6,150	2,243	1,123	2,048	1,651
District No. 7	34,943	30,917	30,265	22,707	27,601	21,973	20,226	15,632	20,088	14,237
Michigan	8,622	6,593	6,053	4,075	5,723	3,295	6,762	2,950	5,316	2,288
Wisconsin	13,529	13,143	12,255	8,624	11,049	8,427	11,680	5,969	11,070	5,598
Minnesota	10,516	9,475	9,202	8,809	8,641	9,141	8,710	5,767	8,170	5,734
North Dakota	2,276	1,706	1,855	1,108	1,588	1,109	2,093	638	1,517	772
District No. 8	11,390	11,294	9,489	22,017	9,081	25,600	7,932	11,901	7,901	13,348
Iowa	4,464	4,290	3,223	7,737	3,120	9,295	2,600	4,008	2,595	4,588
South Dakota	3,335	3,428	3,252	4,539	3,059	5,458	2,885	2,731	2,844	2,900
Nebraska	3,284	3,207	2,740	6,576	2,620	7,407	2,224	3,468	2,228	3,827
Wyoming	327	309	269	3,165	282	3,439	223	1,694	234	1,042
District No. 9	15,876	13,636	11,908	24,413	10,895	28,883	8,767	11,450	8,537	12,366
Kansas	5,017	3,875	3,414	5,203	3,017	5,663	2,820	2,675	2,683	2,692
Oklahoma	7,676	6,596	6,124	5,849	5,347	6,400	4,138	2,811	3,834	3,124
Colorado	2,347	2,384	1,663	7,729	1,225	8,948	1,358	3,567	1,551	4,084
New Mexico	836	781	707	5,576	6,266	5,383	4,561	2,427	409	2,847
District No. 10	11,717	11,797	9,669	25,744	10,549	30,498	6,319	10,211	7,103	12,027
Texas	11,717	11,797	9,669	25,744	10,549	30,498	6,319	10,211	7,103	12,027
District No. 11	10,061	8,766	8,043	36,589	6,898	32,992	6,281	16,397	5,336	13,500
Arizona	1,064	903	873	3,636	749	3,310	635	1,813	550	1,785
Utah	745	618	719	4,480	598	4,238	617	2,268	613	1,892
Nevada	194	110	114	3,010	101	2,578	94	1,435	92	1,190
California	8,678	7,135	6,337	25,457	5,450	22,366	4,945	10,880	4,172	8,041
District No. 12	12,547	10,789	9,614	43,580	8,468	41,132	7,733	22,108	6,748	19,641
Montana	3,823	3,373	3,268	13,670	2,918	14,643	2,306	6,840	2,262	7,153
Idaho	3,439	3,378	2,531	10,884	2,457	11,023	1,937	5,475	1,800	5,078
Washington	3,013	2,069	2,266	7,334	1,664	4,315	2,093	3,925	1,561	2,319
Oregon	2,222	1,972	1,549	11,691	1,430	10,902	1,307	5,868	1,125	4,960

<sup>1</sup> Includes all of East Central Fruit Growers Production Credit Association of district 2.

<sup>2</sup> Includes all of Northwest Livestock Production Credit Association of district 12.

Source: Department of Agriculture, Farm Credit Administration; Annual Report.

No. 308.—RECONSTRUCTION FINANCE CORPORATION—LOAN AND OTHER AUTHORIZATIONS, BY CHARACTER OF LOANS; PURCHASES OF SECURITIES FROM PWA; AND ALLOCATIONS TO OTHER GOVERNMENTAL AGENCIES: FEB. 2, 1932, TO DEC. 31, 1939

(In thousands of dollars)

	TOTAL, FEB. 2, 1932, TO DEC. 31, 1939		Outstanding Dec. 31, 1939
	Disbursed	Repaid <sup>1</sup>	
Loan and other authorizations, by character of loan, total.....	7,362,605	5,606,251	1,756,354
<b>Banks and trust companies.....</b>	<b>3,302,745</b>	<b>2,642,386</b>	<b>660,359</b>
Loans to aid in the reorganization or liquidation of closed banks <sup>2</sup> .....	994,582	944,998	49,584
Loans to open banks <sup>3</sup> .....	1,138,234	1,067,395	70,839
Loans on and subscriptions for preferred stock, and purchases of capital notes or debentures.....	1,169,929	629,093	539,936
<b>Agricultural financing institutions, etc.....</b>	<b>1,449,601</b>	<b>1,445,044</b>	<b>4,557</b>
Loans to Federal land banks.....	4387,236	4387,236	-----
Loans to Federal intermediate credit banks.....	9,250	9,250	-----
Loans to regional agricultural credit corporations.....	173,244	173,244	-----
Loans to Commodity Credit Corporation.....	767,717	767,717	-----
Loans to Secretary of Agriculture to acquire cotton.....	3,300	3,300	-----
Loans to joint-stock land banks.....	23,295	19,670	3,625
Loans to agricultural credit corporations.....	5,644	5,567	77
Loans to livestock credit corporations.....	12,972	12,972	-----
Authorizations for financing exports of agricultural surpluses.....	47,299	47,194	105
Loans for financing agricultural commodities and livestock.....	19,644	18,894	750
<b>Other financial institutions.....</b>	<b>787,018</b>	<b>547,418</b>	<b>189,598</b>
Building and loan associations (including receivers).....	120,956	117,014	3,942
<b>Insurance companies:</b>			
Loans.....	90,693	88,187	2,506
Loans on and subscriptions for preferred stock.....	34,475	7,755	26,720
<b>Mortgage-loan companies:<sup>4</sup></b>			
Loans.....	242,374	201,154	41,220
Loans to the R. F. C. Mortgage Co.....	129,535	94,454	32,081
Loan to Federal National Mortgage Association.....	86,583	38,854	47,729
Subscription for stock of the R. F. C. Mortgage Co.....	25,000	-----	25,000
Subscription for stock of the Federal National Mortgage Association.....	11,000	-----	11,000
Railroads (including receivers and trustees).....	665,110	216,318	448,792
Business enterprises—loans and participations <sup>5</sup> .....	7211,237	79,420	131,817
Mining, milling, or smelting of ores—loans.....	5,088	2,385	2,703
Self-liquidating projects.....	498,331	322,259	86,072
Drainage, levee, and irrigation districts.....	88,729	4,731	83,998
Repair of damage by earthquake, flood, etc.....	12,093	10,335	1,668
<b>Other.....</b>	<b>482,745</b>	<b>385,955</b>	<b>146,790</b>
Loans to credit unions.....	600	584	16
Loans to processors, or distributors subject to processing taxes.....	15	15	-----
Loans to State funds for securing repayment of deposits of public moneys.....	13,055	13,065	-----
Loans to refinance public-school district obligations.....	280	4	276
Loan for payment of teachers' salaries.....	22,300	22,300	-----
Amounts made available for relief, under the Emergency Relief and Construction Act of 1932, as amended.....	269,985	299,985	-----
Loan to Rural Electrification Administration.....	146,500	2	146,498
Purchases of securities from Public Works Administration.....	623,275	502,467	120,808
Allocations to other governmental agencies.....	2,474,418	2,474,418	-----

<sup>1</sup> Exclusive of repayments unallocated, pending advices, as of Dec. 31, 1939.<sup>2</sup> Includes loans to receivers, liquidating agents, and conservators; loans through mortgage loan companies to aid closed banks; and loans on assets of closed banks under Sec. 5c of the Reconstruction Finance Corporation Act, as amended.<sup>3</sup> Excludes loans through banks to business enterprises (shown elsewhere).<sup>4</sup> Includes \$193,618,000 representing refinancing of previous loans by the Corporation to these banks.<sup>5</sup> Excludes loans through mortgage loan companies to aid closed banks, and to business enterprises (shown elsewhere).<sup>6</sup> Includes loans to business enterprises through banks and mortgage loan companies.<sup>7</sup> In addition, participating banks had disbursed \$67,380,000 on immediate and deferred participations, as of Dec. 31, 1939.<sup>8</sup> Includes \$17,159,000 representing repayments and other reductions by States and political subdivisions; and \$282,826,000 representing cancellation of the Corporation's notes, pursuant to the provisions of the act approved Feb. 24, 1938, equivalent to the balance of the amounts disbursed.<sup>9</sup> Of this amount, \$2,437,418,000 represents cancellation of the Corporation's notes, pursuant to the provisions of the act approved Feb. 24, 1938, equivalent to the balance of the amount disbursed for allocations to other governmental agencies and for relief by direction of Congress and the interest paid thereon. The remaining \$37,000,000 is held by the Corporation in a revolving fund (capital of regional agricultural credit corporations) pursuant to sec. 84 of the Farm Credit Act of 1933, as amended. An additional \$2,500,000 of the foregoing revolving fund is held by the United States Treasury, such amount having been paid subsequent to the cancellation of the Corporation's notes.

Source: Federal Loan Agency, Reconstruction Finance Corporation; Report for the Fourth Quarter of 1939.

No. 309.—GOVERNMENTAL CORPORATIONS AND CREDIT AGENCIES OF THE UNITED STATES—ASSETS AND LIABILITIES AS OF DEC. 31, 1939

[In millions and tenths of millions of dollars]

	Total	Recon- struc- tion Fin- ance Corporation	Com- mod- ity Credit Corporation	Fed- eral De- posit Insur- ance Corporation	Ten- nessee Valley Au- thority	U. S. Mari- time Com- mis- sion	Rural Elec- trifica- tion Ad- minis- tration	Home Own- ers' Loan Corporation	Fed- eral Sav- ings and Loan Insur- ance Corporation	Federal home loan banks
Assets, total <sup>1</sup> .....	12,822.7	1,687.2	695.6	491.1	322.3	203.0	185.4	2,992.8	122.0	254.7
Loans.....	8,134.1	1,072.9	667.2	57.4		47.0	183.2	2,038.2		181.3
Preferred stock, etc.....	741.1	488.7						\$ 211.5		
Cash <sup>2</sup> .....	459.6	\$ 3.0	1.0	26.5	11.6			186.0	5	22.2
Investments:										
U. S. securities.....	757.9	48.1		362.1				3.6	14.6	37.8
Securities guaranteed by U. S.....	120.9								105.4	12.7
Other investments.....	891.4	8.3				11.0				
Other assets.....	1,708.7	\$ 66.2	27.4	45.1	310.6	145.0	2.1	523.6	1.4	.8
Liabilities and reserves, total <sup>1</sup> .....	8,808.8	1,179.9	595.6	201.9	16.1	49.4		2,910.8	1.3	79.3
Guaranteed by U. S.....	5,734.9	1,098.6	407.9					2,890.6		
Not guaranteed by U. S.....	3,073.9	\$ 81.4	187.7	201.8	16.1	49.4		80.2	1.3	79.3
Excess of assets over liabil- ities <sup>1</sup> .....	4,013.9	507.3	100.0	289.3	306.2	153.6	185.4	52.0	120.7	175.3
Privately owned in- terests.....	360.7			139.3						60.6
U. S. interests.....	3,617.2	567.3	100.0	150.0	306.2	153.6	185.4	52.0	120.7	124.7
Capital stock.....	3,133.7	500.0	100.0	150.0	\$ 256.0	\$ 154.1	\$ 75.3	206.0	106.0	124.7
Surplus.....	659.6	\$ 268.2						\$ 68.0	20.7	
Interagency interests, net.....	1181.0	\$ 260.9			50.2	\$ 5	110.0	\$ 80.0		

  

	Federal Nati- onal Mort- gage Asso- ciation	U. S. Hous- ing Au- thority	Farm Credit Ad- minis- tration	Fed- eral Farm Mort- gage Corporation	Fed- eral land banks	Fed- eral inter- medi- ate credit banks	Banks for co- oper- atives	Pro- duc- tion credit corporations	Farm Secur- ity Ad- minis- tration	Other
Assets, total <sup>1</sup> .....	150.0	268.8	282.3	1,533.3	2,311.1	311.8	188.2	122.4	257.1	473.5
Loans.....	146.8	\$ 122.8	257.7	690.9	1,904.7	182.6	76.3		257.1	248.2
Preferred stock, etc.....										40.9
Cash <sup>2</sup> .....		12.0	19.5	\$ 20.6	50.2	62.7	13.5	4		39.9
Investments:										
U. S. securities.....		2.5			88.9	74.8	77.2	10.5		28.8
Securities guaranteed by U. S.....	.1							4		.3
Other investments.....		(10)		761.3	(10)		11.0	4		4.4
Other assets.....	3.2	131.6	5.1	60.5	267.3	1.7	8.8	101.5		115.1
Liabilities and reserves, total <sup>1</sup> .....	88.1	118.2	196.4	1,324.9	1,804.0	209.8	4.1	.9		28.5
Guaranteed by U. S.....		114.8		1,279.4						3.8
Not guaranteed by U. S.....	88.1	3.4	196.4	45.5	1,804.0	209.8	4.1	.9		24.6
Excess of assets over liabil- ities <sup>1</sup> .....	61.9	150.6	85.8	208.4	507.1	102.0	184.1	122.1	257.1	445.0
Privately owned in- terests.....					203.0		3.7			
U. S. interests.....	61.9	150.6	85.8	208.4	304.1	102.0	180.3	122.1	257.1	445.0
Capital stock.....	10.0	1.0	\$ 35.8	200.0	125.0	70.0	149.0	120.0	\$ 257.1	\$ 460.5
Surplus.....	4.1	139.6			11 187.9	49.2	13.5	2.1		42.4
Interagency interests, net.....	47.9	10.0		8.4	\$ 8.8	\$ 17.2	17.9			\$ 58.0

<sup>1</sup> Exclusive of interagency assets and liabilities (except bond investments and deposits with Reconstruction Finance Corporation).

<sup>2</sup> Shares of State building and loan associations, \$42,355,000; shares of Federal savings and loan associations, \$160,093,000.

<sup>3</sup> Excludes unexpended balances of appropriated funds.

<sup>4</sup> Adjusted for interagency items and items in transit.

<sup>5</sup> Nonstock (or includes nonstock proprietary interests).

<sup>6</sup> Deficit; deduct.

<sup>7</sup> Represents interagency holdings of capital stock and paid-in surplus items which are not deducted from capital stock and paid-in surplus of the corresponding organizations.

<sup>8</sup> Excess interagency assets; deduct.

<sup>9</sup> Excludes contract commitments. As of Dec. 31, 1939, the United States Housing Authority had entered into definite contracts calling for maximum advances of \$523,655,000. Advances have been made in the amount of \$113,483,000, as of Dec. 31, 1939, against loan contract commitments amounting to \$419,984,000. The Housing Authority has also agreed to disburse \$51,127,000, on additional loan contract commitments amounting to \$103,671,000, now being financed by securities issued by local housing authorities.

<sup>10</sup> Less than \$50,000.

<sup>11</sup> Includes \$186,000 due to Federal land banks from U. S. Treasury for subscriptions to paid-in surplus.

Source: Treasury Department, compiled from reports received from the organizations concerned. Published in Daily Statement of U. S. Treasury.

No. 310.—BANK CLEARINGS FOR LEADING CITIES: 1922 TO 1939

NOTE.—In millions of dollars. Cities are listed in order of importance according to clearings in 1939. No figures are given for Los Angeles, which ranked eighth in 1939 but has not reported clearings for any subsequent year. Comparability of figures for different years is affected by the tendency toward consolidation of banks, eliminating former clearings between 2 or more banks. Debits to individual account (tables 311 and 312) are a better measure of volume of payment. For figures for earlier years for all cities reporting to New York Clearing House Association, 1882 to 1920, and for figures for 146 identical cities, 1920 to 1936, see table 293, Statistical Abstract, 1937

CITY	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Total	363, 630	380, 088	421, 604	473, 977	484, 625	516, 358	593, 454	688, 156	820, 155	933, 125	1,045, 738	1,232, 715	1,411, 447	1,555, 499	1,613, 603	1,717, 080	1,829, 210	1,950, 200
New York	217, 900	213, 996	249, 868	283, 619	290, 354	321, 234	391, 727	477, 242	547, 110	623, 201	700, 133	787, 414	885, 507	995, 551	1,120, 549	1,267, 740	1,438, 156	1,635, 914
Philadelphia	22, 488	24, 661	25, 645	29, 079	29, 258	28, 354	31, 837	26, 360	19, 701	13, 970	12, 424	14, 515	16, 909	18, 745	19, 724	17, 969	19, 823	19, 823
Chicago	28, 036	31, 113	31, 654	35, 392	34, 907	35, 938	37, 842	36, 714	28, 708	19, 201	10, 937	9, 612	11, 194	13, 195	15, 728	17, 013	14, 561	15, 563
Boston	16, 453	19, 310	21, 323	22, 482	25, 130	26, 468	25, 829	27, 610	23, 080	18, 373	10, 564	9, 405	9, 843	10, 646	11, 863	11, 914	10, 507	11, 516
San Francisco	7, 274	8, 049	8, 366	9, 479	9, 800	10, 118	11, 491	10, 933	9, 559	7, 142	5, 054	4, 685	5, 475	6, 469	7, 230	7, 914	7, 053	7, 350
Pittsburgh	6, 758	8, 213	8, 037	8, 857	9, 198	9, 289	9, 453	10, 163	9, 247	6, 656	4, 180	3, 795	4, 465	5, 246	6, 664	7, 387	5, 661	6, 119
Detroit	5, 359	6, 694	7, 356	8, 431	8, 813	8, 770	10, 434	11, 558	8, 440	6, 167	3, 236	1, 941	3, 575	4, 523	5, 351	5, 883	4, 420	5, 054
Cleveland	4, 646	5, 580	5, 441	5, 997	6, 179	6, 457	6, 913	7, 964	6, 638	5, 123	3, 344	2, 531	2, 979	3, 417	4, 265	5, 128	4, 352	5, 028
Kansas City, Mo.	6, 811	6, 882	6, 582	7, 036	7, 302	7, 245	7, 254	7, 451	6, 302	4, 400	3, 186	2, 864	3, 619	4, 348	4, 769	5, 258	4, 406	4, 767
St. Louis	6, 718	7, 204	7, 174	7, 627	7, 627	7, 387	7, 566	7, 273	6, 146	4, 588	3, 070	2, 897	3, 452	3, 941	4, 498	4, 815	4, 211	4, 528
Baltimore	4, 142	4, 838	5, 025	5, 332	5, 954	5, 618	5, 280	5, 287	4, 820	3, 852	2, 893	2, 044	2, 640	2, 911	3, 349	3, 643	3, 274	3, 585
Minneapolis	3, 370	3, 677	4, 026	4, 463	4, 110	4, 095	4, 420	4, 705	4, 016	3, 172	2, 438	2, 518	2, 704	3, 045	3, 337	3, 686	3, 256	3, 610
Atlanta	2, 171	2, 734	2, 896	3, 604	3, 056	2, 688	2, 679	2, 921	2, 258	1, 836	1, 414	1, 503	1, 957	2, 205	2, 601	2, 880	2, 671	2, 985
Cincinnati	3, 003	3, 445	3, 353	3, 710	3, 885	3, 877	3, 901	3, 911	3, 203	2, 838	2, 089	1, 815	2, 124	2, 466	2, 881	3, 230	2, 789	2, 789
Dallas	1, 393	1, 739	2, 214	2, 557	2, 518	2, 651	2, 784	2, 882	2, 122	1, 803	1, 381	1, 401	1, 743	1, 969	2, 402	2, 700	2, 535	2, 887
Houston	1, 243	1, 487	1, 578	1, 766	1, 881	1, 873	1, 826	2, 009	1, 676	1, 355	1, 009	1, 051	1, 246	1, 420	1, 809	2, 106	1, 982	2, 106
Richmond	2, 304	2, 608	2, 823	2, 839	2, 610	2, 517	2, 320	2, 333	2, 287	1, 749	1, 369	1, 238	1, 558	1, 697	1, 863	2, 112	1, 905	2, 067
New Orleans	2, 406	2, 811	2, 986	3, 170	3, 085	3, 056	2, 908	2, 734	2, 315	2, 010	1, 362	934	1, 251	1, 434	1, 706	1, 973	1, 709	1, 842
Seattle	1, 658	1, 949	2, 039	2, 205	2, 353	2, 367	2, 543	2, 654	1, 998	1, 563	1, 141	935	1, 184	1, 460	1, 727	1, 986	1, 786	1, 779
Louisville	1, 336	1, 552	1, 612	1, 744	1, 782	1, 880	1, 936	1, 941	1, 855	1, 134	911	916	1, 189	1, 395	1, 631	1, 887	1, 539	1, 663
Buffalo	2, 011	2, 346	2, 310	2, 782	2, 727	2, 736	2, 850	3, 396	2, 604	1, 930	1, 284	1, 206	1, 073	1, 279	1, 472	1, 652	1, 472	1, 603
Portland, Oreg.	1, 601	1, 872	1, 899	2, 015	2, 104	1, 979	1, 936	2, 074	1, 770	1, 354	896	847	1, 050	1, 264	1, 481	1, 666	1, 486	1, 576
Denver	1, 464	1, 656	1, 611	1, 665	1, 689	1, 733	1, 864	1, 861	1, 684	1, 295	960	862	1, 050	1, 503	1, 647	1, 811	1, 468	1, 566
Omaha	1, 882	2, 103	2, 004	2, 188	2, 104	2, 102	2, 312	2, 398	2, 130	1, 016	768	760	1, 034	1, 171	1, 290	1, 348	1, 258	1, 329
St. Paul	1, 600	1, 805	1, 618	1, 631	1, 617	1, 556	1, 626	1, 438	1, 318	1, 233	957	618	739	935	1, 128	1, 256	1, 147	1, 206
Washington, D. C.	980	1, 102	1, 187	1, 358	1, 393	1, 386	1, 436	1, 481	1, 010	669	455	506	737	816	927	1, 055	950	1, 103
Birmingham	1, 125	1, 306	1, 307	1, 372	1, 338	1, 333	1, 434	1, 277	1, 010	623	457	618	739	935	1, 043	1, 095	956	1, 100
Memphis	1, 009	1, 140	1, 114	1, 233	1, 187	1, 192	1, 173	1, 240	954	660	551	600	760	828	1, 036	1, 043	962	1, 051
Milwaukee	1, 570	1, 876	1, 912	2, 062	2, 200	2, 246	2, 158	1, 825	1, 092	852	630	490	575	672	862	956	888	977
Indianapolis	886	1, 055	985	964	1, 192	1, 208	1, 208	1, 286	1, 092	828	630	460	575	697	809	934	860	973
Nashville	898	1, 004	1, 012	1, 122	1, 127	1, 199	1, 180	1, 235	1, 079	852	630	460	575	697	809	934	860	973
Jacksonville	514	653	808	1, 446	1, 505	1, 002	833	778	675	589	431	384	530	625	754	921	860	970
Newark	(1)	896	988	1, 129	1, 310	1, 374	1, 130	1, 874	1, 791	1, 542	1, 100	785	861	915	1, 013	1, 057	905	938
Salt Lake City	672	785	805	898	922	924	954	1, 035	918	715	490	460	549	648	756	857	708	787
Hartford	490	567	654	763	801	832	904	1, 035	768	589	424	421	485	591	605	650	551	581
Columbus, Ohio	729	783	729	803	830	923	892	906	793	602	386	346	447	526	611	644	532	554
Providence	581	683	622	718	714	729	814	876	684	574	428	379	411	460	539	571	525	548

1 No data available.

Source: Commercial and Financial Chronicle.

**No. 311.—BANK DEBITS TO INDIVIDUAL ACCOUNTS—VOLUME REPORTED BY BANKS IN 141 LEADING CITIES, BY DISTRICTS, 1922 TO 1939, AND BY MONTHS, 1935 TO 1939**

NOTE.—All figures in millions of dollars. Figures represent debits or charges on books of reporting member and nonmember banks to deposit accounts of individuals, firms, and corporations, and of United States, State, county, and municipal governments, including debits to savings accounts, payments from trust accounts, and certificates of deposit paid. Debits to 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 are not included

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			
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	8,601
1924	491,691	228,161	263,530	25,675	271,861	8,331	22,773	25,775	8,298
1925	570,064	256,090	313,374	20,014	322,843	9,469	25,253	28,726	9,103
1926	607,956	268,901	339,055	31,033	348,833	9,778	26,248	30,022	9,336
1927	673,861	282,303	391,553	33,566	401,819	10,260	27,291	32,180	9,231
1928	806,405	306,193	506,211	34,228	511,584	11,374	30,463	33,817	9,085
1929	935,027	331,938	603,089	37,472	616,060	12,072	33,440	36,025	9,379
1930	661,957	277,817	384,639	30,221	395,354	10,714	26,090	31,256	8,895
1931	481,357	217,523	263,834	24,153	272,183	8,349	21,662	24,079	7,661
1932	322,366	154,401	167,964	17,727	174,577	6,613	14,811	15,427	6,994
1933 (11 months)¹	282,706	134,257	148,449	15,556	154,108	5,689	12,970	13,011	4,852
1934	331,506	165,587	165,948	18,365	172,647	6,689	16,794	16,475	6,341
1935	374,170	190,165	184,066	20,497	191,896	7,393	17,807	19,028	6,988
1936	428,606	219,670	208,936	23,461	216,093	7,968	19,442	22,571	8,005
1937	435,042	235,200	197,536	23,096	206,583	8,747	20,217	24,925	8,817
1938	573,523	294,745	168,778	20,368	176,766	7,978	18,150	19,862	7,952
1939	389,680	218,298	171,882	21,478	179,573	8,192	19,724	21,452	8,455

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 (13 cities)
		Total	City of Chicago	Excl. Chicago					
1922	9,579	49,304	32,331	16,973	10,959	6,971	12,445	6,115	24,562
1923	11,137	55,367	35,270	20,088	12,794	7,495	13,494	6,217	28,036
1924	11,721	55,995	35,723	20,272	12,812	8,240	12,778	6,227	29,535
1925	13,013	63,675	40,470	23,105	14,355	9,039	14,193	7,107	32,731
1926	14,204	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	15,038	7,732	39,470
1928	13,767	79,062	51,162	27,600	15,495	9,297	16,032	8,415	45,673
1929	14,267	88,910	58,739	30,171	15,651	10,130	17,183	9,196	46,870
1930	11,923	72,434	47,094	25,340	13,081	8,662	15,770	7,790	30,924
1931	9,919	55,257	35,065	20,192	10,464	6,710	11,680	6,084	31,255
1932	7,350	38,043	23,823	14,220	7,832	5,038	8,644	4,866	23,266
1933 (11 months)¹	6,445	32,129	21,959	10,190	6,987	5,079	7,875	4,339	19,356
1934	8,004	41,252	26,326	14,928	8,491	5,761	9,771	5,560	23,093
1935	8,536	49,644	31,111	18,633	9,667	6,471	10,911	6,356	26,672
1936	9,586	58,810	36,612	22,198	10,974	7,258	12,475	7,484	31,636
1937	10,840	61,717	37,348	24,369	11,697	7,687	13,008	8,786	34,170
1938	10,270	52,525	32,757	19,768	10,305	6,900	12,156	8,174	30,106
1939	11,007	57,101	34,966	22,135	11,311	7,253	12,407	8,612	31,214

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All districts:												
1935	29,980	25,659	31,649	31,560	30,108	31,475	33,287	30,268	29,030	32,577	32,227	30,360
1936	35,424	31,872	37,496	34,783	33,225	37,503	34,816	31,469	33,242	37,313	35,869	35,894
1937	39,488	34,830	42,013	37,144	34,416	36,463	36,914	31,896	33,371	36,985	31,603	39,114
1938	32,084	25,547	32,120	31,169	28,841	32,797	30,505	28,270	29,525	33,255	29,463	36,906
1939	32,393	27,581	34,486	30,143	31,028	3,9883	30,477	30,613	33,604	32,711	31,676	40,010
Excl. New York City:												
1935	14,983	13,110	15,754	15,645	15,557	15,808	16,550	15,536	15,086	16,844	16,685	18,876
1936	17,499	15,766	17,866	17,497	16,998	18,880	18,617	17,106	17,566	18,472	18,475	22,238
1937	20,391	17,629	21,610	20,062	19,302	20,030	20,163	18,420	18,652	19,934	18,171	20,837
1938	17,607	14,633	17,373	16,597	16,013	17,160	16,677	16,023	16,440	18,096	17,039	21,087
1939	17,860	15,201	18,211	16,832	17,763	18,676	17,883	17,496	18,526	19,020	18,636	22,386
New York City:												
1935	14,997	12,549	15,895	15,905	14,551	15,667	16,737	14,732	14,014	15,733	15,542	17,684
1936	17,925	15,806	19,620	17,285	16,227	18,623	16,199	14,362	15,656	17,171	17,394	22,658
1937	19,096	16,907	20,308	17,082	15,114	16,434	16,751	13,476	14,118	16,151	13,432	18,277
1938	14,477	10,915	14,746	14,672	12,828	15,637	13,828	12,247	13,085	15,140	12,425	18,879
1939	14,533	12,380	16,274	13,311	14,165	15,312	12,784	13,118	15,133	13,683	13,041	17,633

¹ No figures available for March.

Source: Board of Governors of the Federal Reserve System, annual and current reports on bank debits and Federal Reserve Bulletin.

No. 312.—BANK DEBITS TO INDIVIDUAL ACCOUNTS—VOLUME REPORTED BY  
BANKS IN EACH OF 141 LEADING CITIES: 1930 TO 1939

NOTE.—All figures in millions of dollars. For totals by districts, see table 311

DISTRICT AND CITY	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
<b>Boston district:</b>										
Bangor, Maine	190	187	116	114	146	164	185	190	169	166
Boston, Mass.	22, 074	17, 346	12, 603	11, 128	13, 290	14, 762	16, 942	16, 779	14, 288	14, 007
Fall River, Mass.	2, 277	234	164	152	182	188	210	226	194	214
Hartford, Conn.	2, 469	2, 110	1, 598	1, 454	1, 677	2, 000	2, 287	2, 306	2, 091	2, 248
Holyoke, Mass.	170	142	110	94	101	109	122	139	118	127
Lowell, Mass.	223	196	145	130	142	157	167	184	158	165
New Bedford, Mass.	297	236	163	149	175	213	211	222	184	209
New Haven, Conn.	1, 855	1, 159	848	624	709	748	862	910	815	866
Providence, R. I.	1, 882	1, 514	1, 185	1, 059	1, 197	1, 350	1, 573	1, 674	1, 482	1, 622
Waterbury, Conn.	439	351	254	234	290	310	337	390	303	332
Worcester, Mass.	845	707	540	417	456	497	594	676	572	624
<b>New York district:</b>										
Albany, N. Y.	2, 213	1, 684	1, 704	1, 589	2, 025	2, 334	2, 189	2, 452	2, 642	2, 506
Binghamton, N. Y.	285	233	180	159	189	214	245	269	237	242
Buffalo, N. Y.	4, 736	3, 532	2, 454	2, 066	2, 420	2, 629	2, 985	3, 209	2, 596	2, 653
New York, N. Y.	384, 439	263, 834	167, 964	148, 449	165, 948	184, 006	208, 936	197, 836	168, 778	171, 382
Passaic, N. J.	1, 493	432	293	173	215	264	285	320	287	329
Rochester, N. Y.	907	1, 577	1, 228	1, 035	1, 140	1, 179	1, 404	1, 512	1, 336	1, 409
Syracuse, N. Y.	1, 081	890	686	637	711	770	858	995	880	962
<b>Philadelphia district:</b>										
Altoona, Pa.	192	146	112	82	97	102	122	139	115	122
Chester, Pa.	294	229	158	119	116	131	151	163	142	160
Lancaster, Pa.	397	316	203	146	180	216	267	312	274	298
Philadelphia, Pa.	22, 254	17, 840	11, 907	10, 645	13, 030	14, 741	15, 974	16, 345	14, 553	15, 814
Scranton, Pa.	790	700	605	457	520	531	554	553	507	523
Trenton, N. J.	908	924	703	584	736	812	807	844	813	909
Wilkes-Barre, Pa.	468	410	328	256	272	267	295	297	263	268
Williamsport, Pa.	211	171	114	73	90	103	127	132	116	124
Wilmington, Del.	885	684	501	454	575	700	896	1, 143	1, 124	1, 237
York, Pa.	290	241	180	154	179	204	249	289	243	269
<b>Cleveland district:</b>										
Akron, Ohio	1, 170	942	584	362	538	611	738	840	691	802
Cleveland, Ohio	9, 882	7, 822	4, 899	3, 842	4, 738	5, 614	6, 806	7, 571	6, 069	6, 780
Columbus, Ohio	2, 205	1, 788	1, 141	996	1, 451	1, 850	2, 129	2, 287	1, 939	2, 065
Dayton, Ohio	1, 066	864	523	403	489	589	765	912	723	763
Erie, Pa.	467	375	240	182	226	257	320	397	300	323
Greensburg, Pa.	236	100	63	42	60	65	81	93	80	83
Lexington, Ky.	298	235	187	161	208	238	249	302	286	282
Oil City, Pa.	196	147	106	65	86	106	122	138	112	119
Pittsburgh, Pa.	11, 937	9, 101	6, 027	5, 478	6, 800	7, 604	8, 677	9, 456	7, 332	7, 676
Springfield, Ohio	271	209	138	111	144	168	193	230	192	201
Toledo, Ohio	2, 190	1, 492	893	792	1, 024	1, 129	1, 483	1, 675	1, 340	1, 443
Wheeling, W. Va.	528	440	319	292	324	342	396	417	326	351
Youngstown, Ohio	812	503	314	285	387	455	552	637	471	566
<b>Richmond district:</b>										
Baltimore, Md.	5, 166	4, 413	3, 384	2, 454	3, 137	3, 427	4, 049	4, 417	3, 926	4, 182
Charlotte, N. C.	682	500	407	404	541	613	655	728	637	738
Columbia, S. C.	303	261	169	139	208	296	318	351	295	325
Greenville, S. C.	219	181	124	128	161	180	240	248	207	229
Norfolk, Va.	682	506	425	371	505	540	554	616	560	588
Raleigh, N. C.	288	259	180	170	288	317	390	474	471	513
Richmond, Va.	1, 656	1, 480	1, 305	1, 185	1, 499	1, 614	1, 800	1, 982	1, 866	1, 879
<b>Atlanta district:</b>										
Atlanta, Ga.	1, 917	1, 626	1, 283	1, 200	1, 560	1, 726	1, 908	2, 197	2, 266	2, 449
Augusta, Ga.	258	207	154	151	197	202	213	216	185	220
Birmingham, Ala.	1, 475	1, 158	739	685	817	752	888	1, 069	945	1, 090
Chattanooga, Tenn.	571	455	320	275	329	393	458	512	480	516
Jacksonville, Fla.	834	684	513	477	613	702	792	901	841	917
Knoxville, Tenn.	372	307	247	167	221	257	297	346	341	368
Macon, Ga.	203	155	113	106	131	145	171	182	161	187
Mobile, Ala.	448	350	272	234	281	309	366	464	443	446
Montgomery, Ala.	286	205	153	157	235	259	280	279	249	274
Nashville, Tenn.	1, 087	826	640	583	743	863	911	1, 005	936	1, 023
New Orleans, La.	3, 531	3, 162	2, 307	1, 920	2, 202	2, 198	2, 463	2, 719	2, 589	2, 655
Pensacola, Fla.	80	70	52	51	60	80	97	106	97	103
Savannah, Ga.	442	362	286	252	294	313	363	402	330	337
Tampa, Fla.	354	298	226	187	252	267	307	346	319	341
Vicksburg, Miss.	70	54	45	49	61	72	92	97	88	91
<b>Chicago district:</b>										
Bay City, Mich.	139	113	74	54	92	102	119	141	123	130
Bloomington, Ill.	173	143	97	75	97	119	141	159	146	144
Cedar Rapids, Iowa	549	468	339	176	230	267	293	291	267	298
Chicago, Ill.	47, 094	35, 065	23, 823	21, 939	25, 326	31, 111	36, 612	37, 348	32, 757	34, 966
Davenport, Iowa	566	465	265	140	177	210	260	284	244	257
Decatur, Ill.	234	177	121	104	134	153	194	210	202	223
Des Moines, Iowa	980	867	696	611	851	1, 103	1, 110	1, 146	1, 081	1, 125
Detroit, Mich.	11, 693	9, 051	6, 255	3, 807	6, 621	8, 733	10, 616	11, 928	8, 899	10, 439
Dubuque, Iowa	179	137	86	63	81	100	107	116	106	110
Flint, Mich.	446	360	251	151	216	265	323	364	283	299

For footnotes, see p. 200.



No. 312.—BANK DEBITS TO INDIVIDUAL ACCOUNTS—VOLUME REPORTED BY  
 BANKS IN EACH OF 141 LEADING CITIES: 1930—1939—Continued

DISTRICT AND CITY	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
<b>Chicago district—Continued.</b>										
Fort Wayne, Ind.	554	434	283	216	272	323	399	437	365	377
Grand Rapids, Mich.	881	754	538	330	429	508	598	673	654	637
Indianapolis, Ind.	2,105	1,885	1,492	1,226	1,565	1,810	2,106	2,439	2,183	2,402
Kalamazoo, Mich.	804	252	177	116	149	192	239	270	225	259
Lansing, Mich.	362	281	177	106	172	213	261	310	239	271
Milwaukee, Wis.	3,532	2,632	2,215	1,988	2,457	2,790	3,276	3,402	2,906	3,108
Peoria, Ill.	694	501	372	338	455	540	746	762	660	668
Rockford, Ill.	378	271	133	129	170	217	263	330	266	286
Sioux City, Iowa	678	603	304	230	374	417	471	435	421	449
South Bend, Ind.	617	445	291	190	262	341	432	474	390	442
Waterloo, Iowa	246	172	84	77	121	159	185	200	193	210
<b>St. Louis district:</b>										
Evansville, Ind.	324	269	187	161	202	253	341	386	316	362
Little Rock, Ark.	494	329	223	187	267	339	418	450	407	478
Louisville, Ky.	2,184	1,674	1,248	1,196	1,551	1,660	1,885	1,984	1,772	1,863
Memphis, Tenn.	1,681	1,206	988	958	1,202	1,285	1,594	1,570	1,375	1,686
St. Louis, Mo.	8,348	7,085	5,187	4,485	5,271	6,129	6,736	7,308	6,435	6,922
<b>Minneapolis district:</b>										
Aberdeen, S. Dak.	74	60	40	31	39	47	51	59	56	58
Billings, Mont.	95	84	60	55	73	95	110	113	116	129
Duluth, Minn.	884	611	410	419	412	425	506	609	513	545
Fargo, N. Dak.	207	179	144	120	147	177	201	217	207	220
Grand Forks, N. Dak.	84	72	52	37	43	49	54	60	59	60
Helena, Mont.	105	91	68	64	97	130	124	131	120	138
Minneapolis, Minn.	5,081	3,871	2,913	3,196	3,441	3,737	4,170	4,389	3,897	4,097
St. Paul, Minn.	2,038	1,669	1,300	1,123	1,461	1,768	1,993	2,053	1,883	1,954
Superior, Wis.	92	72	51	33	37	43	49	51	50	52
<b>Kansas City district:</b>										
Albuquerque, N. Mex.	151	127	92	70	105	128	148	181	172	190
Bartlesville, Okla.	314	209	207	225	252	295	298	370	330	353
Colorado Springs, Colo.	202	169	128	112	134	156	181	190	170	177
Denver, Colo.	2,058	1,637	1,231	1,174	1,474	1,699	1,945	2,098	1,820	1,890
Joplin, Mo.	130	91	72	74	87	100	113	123	109	110
Kansas City, Kans.	240	185	133	104	121	134	153	183	182	201
Kansas City, Mo.	4,986	3,856	2,830	2,650	3,119	3,388	3,703	4,184	3,636	3,685
Muskogee, Okla.	126	94	78	71	80	85	96	100	91	96
Oklahoma City, Okla.	1,473	1,043	720	667	852	997	1,136	1,341	1,200	1,232
Omaha, Nebr.	2,507	2,004	1,329	1,146	1,446	1,608	1,841	1,861	1,660	1,729
Pueblo, Colo.	262	218	150	143	167	170	195	230	202	189
St. Joseph, Mo.	653	414	272	263	312	319	347	331	301	327
Topeka, Kans.	246	204	148	131	169	180	202	211	212	221
Tulsa, Okla.	1,780	1,086	872	760	1,033	1,229	1,555	1,899	1,641	1,563
Wichita, Kans.	743	543	384	328	417	495	555	606	531	530
<b>Dallas district:</b>										
Austin, Tex.	243	221	191	173	261	320	298	358	377	410
Beaumont, Tex.	302	236	168	141	195	240	292	307	270	279
Dallas, Tex.	2,641	2,001	1,585	1,505	1,955	2,162	2,671	3,069	2,824	2,993
El Paso, Tex.	423	290	185	156	215	248	294	336	317	349
Fort Worth, Tex.	1,084	837	632	552	697	810	914	1,096	974	974
Houston, Tex.	2,222	1,799	1,360	1,325	1,806	1,922	2,223	2,067	2,524	2,729
Shreveport, La.	451	344	270	261	350	358	459	571	524	622
Texarkana, Tex.	97	70	44	37	41	43	52	60	50	50
Tucson, Ariz.	131	125	99	73	90	102	121	143	135	139
Waco, Tex.	192	159	123	116	139	151	164	177	159	166
<b>San Francisco district:</b>										
Boise, Idaho	176	159	113	104	147	179	202	224	205	213
Fresno, Calif.	395	272	188	161	227	274	322	382	375	386
Long Beach, Calif.	580	473	307	244	270	354	407	464	431	453
Los Angeles, Calif.	11,999	9,288	6,561	5,500	6,487	8,021	10,216	11,074	9,802	10,037
Oakland, Calif.	2,317	2,247	2,021	1,782	1,535	1,849	1,113	1,269	1,141	1,200
Ogden, Utah	224	167	116	116	152	166	182	207	183	191
Pasadena, Calif.	406	354	249	198	218	258	297	343	311	309
Portland, Oreg.	2,100	1,711	1,177	1,142	1,478	1,700	1,954	2,122	1,909	1,928
Reno, Nev.	133	119	82	55	92	104	121	158	134	140
Sacramento, Calif.	581	558	451	291	737	1,279	1,190	1,472	1,467	1,599
Salt Lake City, Utah	885	711	515	467	588	658	770	865	742	830
San Diego, Calif.	657	558	400	317	360	500	574	658	586	590
San Francisco, Calif.	15,055	11,179	7,742	6,899	8,181	9,568	10,638	10,993	9,482	9,931
Seattle, Wash.	2,814	2,242	1,515	1,338	1,652	1,880	2,316	2,583	2,157	2,316
Spokane, Wash.	612	485	328	244	367	445	538	592	513	594
Stockton, Calif.	285	205	151	126	170	191	232	258	232	230
Tacoma, Wash.	526	385	243	209	285	304	380	429	382	429
Yakima, Wash.	178	142	93	82	128	139	161	177	155	158

<sup>1</sup> 11 months; no figures available for March.

<sup>2</sup> Figures for period prior to September 1934, for cities to which this note is indexed, were not compiled in accordance with approved formula and are not comparable with later figures.

Source: Board of Governors of the Federal Reserve System, annual and current reports on bank debits and Federal Reserve Bulletin.

No. 313.—FOREIGN EXCHANGE RATES ON CABLE TRANSFERS, NEW YORK

NOTE.—Exchange quotations on various countries are partly or wholly nominal as follows: Argentina, Bulgaria, Chile (official), Colombia, Hungary, and Uruguay (controlled)—since April 1933; Brazil (official)—April 1933–November 1937, Dec. 31, 1937, and since Jan. 22, 1938; British India—Sept. 1 and 21–30, Oct. 1–16, and since Oct. 24, 1938; Chile (export)—since Nov. 30, 1937; China—Mar. 26–29, Aug. 18–23, 1937, and since Mar. 14, 1938; Czechoslovakia—Sept. 26–Oct. 10, 1936, and Sept. 22–Oct. 4, 1938; Denmark—Aug. 25 and Sept. 1, 1939; Finland—Sept. 26–Oct. 15, 1936, and Aug. 25, Sept. 2, 6–8, and since Nov. 30, 1939; France—June 29–30, 1937; Germany—Aug. 25–28 and since Aug. 31, 1939; Greece—since Sept. 26, 1936; Hong Kong—Mar. 26–29, 1937, and Aug. 30–Oct. 16, 1939; Italy—Nov. 23, 1935–Apr. 1, 1936, Oct. 2–3, 1936, and Aug. 25–28, Sept. 1, 5–7, 1939; Japan—Jan. 9–Feb. 26, 1937, and Aug. 31–Sept. 2, Sept. 8, Sept. 22–Oct. 16 and Oct. 24, 1939; Mexico—since Mar. 22, 1938; Norway—Aug. 25, 30–31, and Sept. 2, 1939; Poland—Apr. 28–Aug. 4, Sept. 26–Oct. 24, 1936, Apr. 15, 1938, and Aug. 25, 1939; Portugal—Sept. 20, 1936–Oct. 7, 1937, Sept. 28, Oct. 4, 1938, and Aug. 25–30, Sept. 1–2, 1939; Rumania—since Aug. 16, 1939; Spain—since July 31, 1936; Straits Settlements—Mar. 26–30, 1937, and Aug. 25, Aug. 29–Oct. 16, 1938; Sweden—Aug. 25–28, and Aug. 30–Sept. 2, 1939; Yugoslavia—Aug. 11, 1936–Sept. 16, 1938, and Aug. 25, and since Nov. 6, 1939. In Sept. 1936 exchange quotations on all other countries, with the exception of Canada, Straits Settlements, and United Kingdom, were partly nominal.

COUNTRY	Monetary unit	YEARLY AVERAGE RATE IN DOLLARS								
		1931	1932	1933 <sup>1</sup>	1934 <sup>1</sup>	1935	1936	1937	1938	1939
North America:										
Canada	Dollar	0.9633	0.8809	0.9190	1.0101	0.9949	0.9991	1.0000	0.9942	0.9602
Mexico	Peso <sup>2</sup>	3.3549	3185	.2810	.2774	.2778	.2776	.2775	.2212	.1930
South America:										
Argentina	Peso <sup>3</sup>	.6674	.5844	5.7280	3.358	3.266	.3314	.3296	.3200	4.3085
Brazil	Milreis	.0703	.0712	.0790	.0843	.0829	5.0857	6.0864	0.884	8.0000
Chile	Peso	1.207	.0791	.0768	1.015	0.959	9.0517	8.0517	8.0517	8.0517
Colombia	do	.9557	.9528	.8170	.6178	.5601	.8708	.5973	.5596	.8709
Uruguay	do	.5536	.4706	.6034	.7996	.8025	.7687	.7907	.6437	9.0201
Europe:										
Belgium	Belga	.1393	.1391	.1790	.2329	.1842	.1622	.1688	.1689	.1685
Bulgaria	Lev	.00716	.00719	.01004	.01285	.01295	.01296	.01285	.01243	10.01211
Czechoslovakia	Koruna	.02802	.02932	.03523	.04242	.04104	.04003	.03949	.03437	11.03425
Denmark	Krone	.2500	.1882	.1907	.2250	.2182	.2219	.2207	.2182	.2035
Finland	Markka	.02388	.01555	.01871	.02228	.02163	.02100	.02131	.02157	.01995
France	Franc	.03920	.03928	.05031	.06569	.06601	.0611	.04946	.02878	.02510
Germany	Reichsmark	.2363	.2375	.3052	.3933	.4026	.4030	.4030	.4030	.4006
Greece	Drachma	.01293	.00832	.00723	.00940	.00939	.00929	.00906	.00866	.00815
Hungary	Pengo	.1745	.1745	.2235	.2857	.2860	12.2850	.1978	.1973	13.1924
Italy	Lira	.05200	.05125	.04709	.05662	.05247	.07292	.05231	.05201	.05196
Netherlands	Guilder	.4023	.4020	.5172	.6738	.6771	.6448	.5504	.5501	.5334
Norway	Krone	.2505	.1800	.2143	.2532	.2463	.2497	.2484	.2457	.2332
Poland	Zloty	.1190	.1118	.1441	.1835	.1888	.1837	.1802	.1886	14.1834
Portugal	Escudo	.04244	.03196	.03017	.04609	.04469	.04513	.04470	.04427	14.0438
Rumania	Leu	.00595	.00597	.00780	.01001	.00928	.00738	.00729	.00733	15.00711
Spain	Peseta	.0065	.0804	.1072	1.362	1.368	1.231	.0650	.0650	16.1015
Sweden	Krona	.2525	.1847	.2203	.2503	.2527	.2563	.2549	.2520	.2390
Switzerland	Franc	.1940	.1940	.2484	.3287	.3250	.3019	.2294	.2287	.2252
United Kingdom	Pound	4.5350	3.5061	4.2368	5.0393	4.9018	4.9700	4.9440	4.8894	4.4354
Yugoslavia	Dinar	.01768	.01641	.01761	.02272	.02284	.02297	.02306	.02312	16.02272
Asia:										
Hong Kong	Dollar	.2433	.2346	.2945	.3872	.4822	.3171	.3069	.3046	.2745
China	Yuan-Shang-hai <sup>17</sup>	.2244	.2174	18.2800	3.409	3.657	.2975	.2961	.2136	.1188
British India	Rupee	3360	2635	3182	3788	3696	3752	3793	3659	3328
Japan	Yen	4835	2811	2565	2972	2371	2902	2870	2845	2506
Straits Settlements	Dollar	.5245	.4040	.4923	.6091	.5717	.5826	.5797	.5692	.5174

<sup>1</sup> Between Mar. 10, 1933, and Jan. 31, 1934, the foreign exchange value of the United States dollar was permitted to depreciate as a result of restrictions placed on gold shipments to foreign countries. By Executive order of Jan. 31, 1934, the weight of the gold dollar was reduced to 15 $\frac{1}{2}$  grains of gold nine-tenths fine, 50.09 percent of the former weight of 25.8 grains.

<sup>2</sup> Silver peso quoted in place of gold peso beginning July 30, 1931. Average for 1931 is for silver peso for July 30 to Dec. 31. Average for gold peso for Jan. 2 to July 29 was \$0.4765.

<sup>3</sup> Paper peso, equivalent to 44 percent of gold peso, quoted in place of latter beginning Dec. 13, 1933. Average for 1933 is for gold peso for Jan. 1 to Dec. 10. Average for paper peso Dec. 13 to 31 was \$0.5333.

<sup>4</sup> No quotations available Aug. 20–Oct. 10.

<sup>5</sup> Average free market rate, quoted in addition to official rate beginning Aug. 3, was \$0.0588 for Aug. 3 to Dec. 31.

<sup>6</sup> Revised; average is for Jan. 1–Nov. 17 and Dec. 24–31. Free market rate discontinued beginning Dec. 24; revised average for Jan. 1–Dec. 23 is \$0.0520.

<sup>7</sup> Average free market rate, quoted as nominal in addition to official rate beginning Apr. 10, was \$0.0512 for Apr. 10–Dec. 31.

<sup>8</sup> Export rate \$0.0400, first reported Nov. 30, 1937.

<sup>9</sup> No quotation available Sept. 1–Nov. 28. Average noncontrolled rate, quoted as nominal in addition to controlled rate beginning June 22, was \$0.3679, no quotations available Oct. 17–Nov. 28.

<sup>10</sup> No quotations available beginning Aug. 30. <sup>11</sup> No quotations available beginning Mar. 15.

<sup>12</sup> Reported on new basis beginning Aug. 3, 1936. Average for 1936 is for rates reported on old basis for Jan. 1 to Aug. 2. Average rate reported on new basis for Aug. 3 to Dec. 31 was \$0.1978.

<sup>13</sup> No quotations available Aug. 26–Nov. 8. <sup>14</sup> No quotations available beginning Aug. 26.

<sup>15</sup> No quotations available Aug. 26–Nov. 5. <sup>16</sup> No quotations available Jan. 25–Mar. 31.

<sup>17</sup> Quotations prior to 1933 are for old yuan, containing 23.9025 grams of pure silver; those beginning 1933 are for new yuan, containing 23.4934 grams of pure silver.

<sup>18</sup> Average quotation for new yuan, Apr. 10 to Dec. 31. (See note 17.) Average for old yuan from Jan. 1 to Apr. 9 was \$0.2021.

Source: Board of Governors of the Federal Reserve System; monthly figures published currently in Federal Reserve Bulletin.

**NO. 314.—FOREIGN EXCHANGE RATES ON CABLE TRANSFERS, NEW YORK,  
BY MONTHS: 1937 TO 1940**

NOTE.—For yearly average rate, see table 313. See also headnote of table 313 regarding rates partly or wholly nominal

	CANADA (DOLLAR)		Mexico (peso)	Argen- tina (peso)	BRAZIL (MILREIS)		CHILE <sup>1</sup> (PESO)	Bel- gium (belga)	France (franc)	Ger- many (reichs- mark)
	Official	Free			Official	Free				
<b>1937:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
March.....	1.0055	0.2775	0.3257	0.3870	0.0611	0.0517	0.1685	0.0459	0.4022	
June.....	.9994	.2775	.3290	.0872	.0655	.0517	.1687	.0444	.4007	
September.....	.9938	.2775	.3302	.0872	.0640	.0516	.1684	.0352	.4012	
December.....	.9995	.2775	.3331	-----	.0545	.0517	.1699	.0339	.4030	
<b>1938:</b>										
March.....	.9672	.2560	.3323	.0587	-----	.0517	.1688	.0312	.4024	
June.....	.9891	.2061	.3305	.0586	-----	.0517	.1696	.0278	.4027	
September.....	.9937	.1946	.3203	.0589	-----	.0518	.1688	.0209	.3957	
December.....	.9906	.1993	.3114	.0586	-----	.0518	.1684	.0263	.4008	
<b>1939:</b>										
January.....	.9919	.1948	.3113	.0580	-----	.0517	.1689	.0264	.4007	
February.....	.9950	.1997	.3124	.0586	-----	.0517	.1686	.0265	.4012	
March.....	.9958	.2003	.3123	.0586	-----	.0517	.1682	.0265	.4010	
April.....	.9948	.2002	.3121	.0599	.0588	.0517	.1684	.0265	.4008	
May.....	.9962	.2003	.3121	.0606	.0539	.0517	.1702	.0265	.4012	
June.....	.9977	.1975	.3122	.0606	.0517	.0517	.1701	.0265	.4011	
July.....	.9984	.1713	.3121	.0606	.0506	.0517	.1699	.0265	.4011	
August.....	.9940	.1680	.3112	.0606	.0502	.0517	.1697	.0261	.3989	
September.....	.9126	.1902	-----	.0606	.0502	.0518	.1703	.0227	.3965	
October.....	.8933	.2015	.2977	.0606	.0505	.0517	.1673	.0227	.4009	
November.....	.8776	.2050	.2977	.0606	.0503	.0517	.1640	.0222	.4013	
December.....	.8762	.1810	.2977	.0606	.0503	.0517	.1668	.0223	.4010	
<b>1940:</b>										
January.....	.8802	.1606	.2977	.0606	.0501	.0517	.1683	.0225	.4012	
February.....	.8665	.1665	.2977	.0606	.0502	.0517	.1686	.0225	.4012	
March.....	.9001	.8288	.1665	.2977	.0606	.0503	.0517	.1698	.0213	.4011
April.....	.9001	.8424	.1666	.2977	.0606	.0503	.0516	.1680	.0200	.4012
May.....	.9001	.8097	.1665	.2977	.0605	.0502	.0517	.1674	.0185	.4003
June.....	.9001	.8007	.1837	.2977	.0605	.0503	.0517	.0201	.3997	

	UNITED KINGDOM (POUND)		Italy (lira)	Nether- lands (guilder)	Spain (peseta)	Sweden (krona)	China (yuan- Shang- hai)	British India (rupee)	Japan (yen)	Straits Settle- ments (dollar)
	Official	Free								
<b>1937:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
March.....	4.8851	0.0526	0.5470	0.0612	0.2519	0.2066	0.3689	0.2849	0.5719	
June.....	4.9355	.0526	.5498	.0522	.2544	.2965	.3725	.2871	.5784	
September.....	4.9530	.0526	.5515	.0648	.2553	.2966	.3739	.2887	.5808	
December.....	4.9994	.0526	.5590	.0618	.2575	.2947	.3771	.2908	.5859	
<b>1938:</b>										
March.....	4.9845	.0526	.5556	.0581	.2567	.2822	.3704	.2886	.5812	
June.....	4.9580	.0526	.5534	.0577	.2556	.1884	.3674	.2888	.5743	
September.....	4.8038	.0526	.5394	.0523	.2477	.1717	.3583	.2800	.5579	
December.....	4.6703	.0526	.5436	.0500	.2405	.1611	.3486	.2721	.5450	
<b>1939:</b>										
January.....	4.6694	.0526	.5419	.0461	.2404	.1626	.3488	.2721	.5425	
February.....	4.6857	.0526	.5363	-----	.2413	.1589	.3501	.2730	.5442	
March.....	4.6854	.0526	.5309	-----	.2413	.1602	.3506	.2730	.5439	
April.....	4.6805	.0526	.5313	-----	.2411	.1602	.3499	.2727	.5427	
May.....	4.6813	.0526	.5360	.1102	.2411	.1599	.3492	.2728	.5437	
June.....	4.6824	.0526	.5317	.1102	.2411	.1343	.3492	.2728	.5451	
July.....	4.6815	.0526	.5328	.1102	.2411	.1004	.3491	.2728	.5470	
August.....	4.6107	.0525	.5348	.1100	.2400	.0716	.3441	.2687	.5400	
September.....	3.9951	.0514	.5318	.1049	.2376	.0670	.2993	.2340	.4671	
October.....	4.0105	.0505	.5312	.1015	.2379	.0704	.3030	.2341	.4702	
November.....	3.9247	.0504	.5308	.1004	.2380	.0835	.3013	.2344	.4625	
December.....	3.9301	.0505	.5311	.0995	.2380	.0749	.3003	.2344	.4610	
<b>1940:</b>										
January.....	3.9639	.0505	.5321	.0995	.2381	.0783	.3014	.2344	.4648	
February.....	3.9634	.0505	.5314	.0995	.2381	.0701	.3016	.2344	.4648	
March.....	4.0350	3.7691	.0505	.5310	.0981	.2362	.0641	.3018	.2344	.4675
April.....	4.0350	3.6259	.0505	.5308	.0914	.2309	.0599	.3020	.2344	.4714
May.....	4.0350	3.2736	.0504	.5308	.0913	.2379	.0508	.3012	.2344	.4712
June.....	4.0350	3.6016	.0504	-----	.0913	.2380	.0576	.3011	.2343	.4711

<sup>1</sup> Export rate is \$0.0400; first reported Nov. 1937.

Source: Board of Governors of the Federal Reserve System; figures published currently in Federal Reserve Bulletin.

No. 315.—INTEREST AND ACCEPTANCE RATES—CALL MONEY, TIME LOANS, AND ACCEPTANCES, NEW YORK: 1912 to 1940

NOTE.—Rates shown are the range (low and high) for the year, month, or week

YEAR AND MONTH	Call money <sup>1</sup>	TIME LOANS		Prime bankers' acceptances (90 days) <sup>2</sup>	YEAR AND MONTH	Call money <sup>1</sup>	TIME LOANS		Prime bankers' acceptances (90 days) <sup>2</sup>
		60 to 90 days	4 to 6 months <sup>2</sup>				60 to 90 days	4 to 6 months <sup>2</sup>	
1912	1½-20	2-7½	3-6¼						
1913	1-10	2¾-6	4-6		1934				
1914	1¾-10	2-8	3-8						
1915	1-3	2¼-4	2¾-4		Sept. 20 to Oct. 20 <sup>4</sup>	1	¾-1	¾-1	¾-1
1916	1½-15	2½-4¾	2¾-5		Oct. 27	1	¾-1	¾-1	¾-1
1917	1½-10	2½-6	2¾-6		Nov. 3 to Dec. 29 <sup>4</sup>	1	¾-1	¾-1	¾-1
1918	2-6	5-6	5¼-6						
1919	2-30	5-8	5¼-8	4¼-4¾	1935				
1920	5-25	7-10	7-9	5¼-6¼	Jan. 5 to Apr. 13 <sup>4</sup>	1	¾-1	¾-1	¾-1
1921	3½-9	4¾-7½	4¾-8	4¾-6	Apr. 20	¾-1	¾-1	¾-1	¾-1
1922	2¾-6	3½-5	3¾-5¼	3-4	Apr. 27 to May 25 <sup>4</sup>	¾	¾	¾	¾
1923	3½-6	4¾-5¾	4¾-5¾	4-4½	June 1 to Oct. 26 <sup>4</sup>	¾	¾	¾	¾
1924	2-5¾	2-5	3-5	2-4½	Nov. 2	¾-¾	¾-1	¾-1	¾
1925	2-6	3½-5	3¾-5	3-3½	Nov. 9 to Dec. 28 <sup>4</sup>	¾	1	1	¾
1926	3-6	4-5¼	4-5¼	3½-3¾	1936				
1927	3½-5½	3¾-4¾	4-4½	3½-3¾	Jan. 4 to May 9 <sup>4</sup>	¾	1	1	¾
1928	3½-12	4¾-7¾	4¾-7¾	3½-4½	May 16 to July 18 <sup>4</sup>	1	1¾	1¾	¾
1929	4½-20	4¾-9½	4¾-9½	3¾-5½	July 25 to Dec. 26 <sup>4</sup>	1	1¾	1¾	¾
1930	1½-6	2-5	2¼-5	1½-4					
1931	1-3½	1-4½	1¼-4½	¾-3¼	1937				
1932					Jan. 2 to Jan. 9 <sup>4</sup>	1	1¾	1¾	¾
January	2½-3¼	3-4	3-4	2¾-3	Jan. 16	1	1¾	1¾	¾-¾
February	2½	3½-3¾	3½-3¾	2¾-2¾	Jan. 23 to Jan. 30 <sup>4</sup>	1	1¾	1¾	¾
March	2½	2¾-3¾	2¾-3¾	2¾-2¾	1938				
April	2½	1¾-3	2-3	¾-2½	Jan. 1 to Dec. 31 <sup>4</sup>	1	1¾	1¾	¾
May	2½	1¾-2	1¾-2¼	¾-1½	1939				
June	2½	1½	1½	¾	Jan. 7 to Dec. 30 <sup>4</sup>	1	1¾	1¾	¾
July	2-2½	1-1½	1-1½	¾-1	1940				
August	2	1¾-1¾	1¾-1¾	¾-1	Jan. 6 to June 20 <sup>4</sup>	1	1¾	1¾	¾
September	2	1-1½	1¼-1¼	¾					
October	1-2	1½-1	¾-1¼	¾-1					
November	1	¾-¾	¾-1	¾					
December	1	¾-¾	¾-1	¾					
1933									
January	1	¾-¾	¾-¾	¾-¾					
February	1	¾-¾	¾-¾	¾-¾					
March	1-5	2-5	2-5	1½-3½					
April	1-2½	¾-2	1-2½	¾-1¼					
May	1	¾-1¼	¾-1½	¾					
June	1	¾-1¼	¾-1½	¾					
July	1	¾-1½	¾-2	¾-1½					
August	¾-1	¾-1½	¾-2	¾-1½					
September	¾	¾-1½	¾-2	¾-1½					
October	¾	¾-1½	¾-2	¾-1½					
November	¾	¾-1½	¾-2	¾-1½					
December	¾-1	¾-1¼	¾-1½	¾					
1934									
Jan. 6 to Feb. 3 <sup>4</sup>	1	¾-1¼	1-1½	¾	1938				
Feb. 10	1	¾-1	1-1½	¾	Jan. 1 to Dec. 31 <sup>4</sup>	1	1¾	1¾	¾
Feb. 17	1	¾-1¼	1-1½	¾	1939				
Feb. 24	1	¾-1	¾-1½	¾	Jan. 7 to Dec. 30 <sup>4</sup>	1	1¾	1¾	¾
Mar. 3	1	¾-1	¾-1½	¾	1940				
Mar. 10	1	¾-1	¾-1	¾-1½	Jan. 6 to June 20 <sup>4</sup>	1	1¾	1¾	¾
Mar. 17 to Apr. 7 <sup>4</sup>	1	¾-1	¾-1	¾					
Apr. 14 to Sept. 22 <sup>4</sup>	1	¾-1	¾-1	¾-¾					

<sup>1</sup> New York Stock Exchange.  
<sup>2</sup> 6 months prior to August 1929.  
<sup>3</sup> Asked rate.

<sup>4</sup> There were no changes in rates for the entire period included within the weeks ended on dates shown  
 Source: Call money and time loans, 1912 and 1913, from the financial editor, New York Times, thereafter, the Annalist; acceptance rates, Board of Governors of the Federal Reserve System. Figures are published currently in the Annalist and the Federal Reserve Bulletin.

No. 316.—FIRE AND MARINE INSURANCE BUSINESS, CONTINENTAL UNITED STATES AND OUTLYING TERRITORIES AND POSSESSIONS: 1890 TO 1938

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						Disbursements		
	Number of companies	Capital (stock companies)	Total assets <sup>1</sup>	Net surplus	Net premiums	Total income	Losses paid <sup>2</sup>	Dividends	Other disbursements
1890	580	86,782	322,678	108,734	143,346	157,858	75,335	12,946	49,819
1895	555	70,225	847,564	118,238	151,447	175,750	89,213	14,026	54,203
1900	493	73,151	413,127	102,658	152,131	108,313	103,307	16,028	65,881
1905	500	76,123	544,822	211,545	270,387	292,995	124,925	22,877	93,310
1910	593	94,734	572,899	206,212	288,303	291,534	123,692	34,857	94,389
1915	613	107,675	873,945	321,014	419,361	459,361	221,701	26,509	157,730
1920	739	176,906	1,569,141	464,565	995,295	1,076,825	451,470	63,815	371,479
1923	703	211,165	1,732,393	561,658	878,907	1,002,175	504,795	78,487	380,106
1924	703	211,165	1,732,393	561,658	878,907	1,002,175	504,795	78,487	380,106
1925	854	266,283	2,092,499	700,462	1,050,676	1,188,087	558,931	91,890	419,427
1926	860	278,498	2,248,197	733,954	1,110,895	1,228,889	581,234	92,897	447,935
1927	870	315,859	2,503,063	905,465	1,108,434	1,259,386	544,254	99,230	448,983
1928	886	386,931	2,837,832	1,124,478	1,131,956	1,371,928	531,536	107,393	469,429
1929	931	441,445	3,084,097	1,235,047	1,179,632	1,438,222	641,801	118,648	506,242
1930	904	448,151	2,834,708	1,077,819	1,071,537	1,217,705	583,461	127,077	498,342
1931	903	418,375	2,840,893	802,323	920,252	1,088,413	520,076	110,991	456,489
1932	833	338,610	2,484,367	736,466	795,940	1,004,089	446,989	104,356	490,446
1933	872	331,831	2,229,590	805,494	734,487	831,982	328,510	93,720	450,962
1934	726	332,330	2,273,868	970,637	802,370	910,047	331,371	107,951	419,363
1935	734	338,278	2,556,122	1,211,318	837,035	954,073	295,966	124,380	432,283
1936	543	328,109	2,815,293	1,268,922	890,855	1,021,068	371,744	113,025	423,617
1937	561	334,216	2,630,815	1,143,933	972,128	1,092,907	373,779	114,000	482,560
1938	565	333,613	2,751,313	1,255,379	921,673	1,034,031	397,310	127,226	494,445
LLOYD'S AND INTERINSURANCE COMPANIES						TOTAL			
Number of associations	Net premiums	Total income	Losses <sup>3</sup>	Total disbursements	Net premiums	Total income	Losses <sup>3</sup>	Total disbursements	
1905	37	3,029	3,388	1,371	2,508	273,417	290,333	126,295	243,620
1910	31	3,831	4,111	1,644	3,744	267,134	295,645	125,336	256,681
1915	45	12,003	12,634	4,470	9,609	431,365	471,996	226,171	415,549
1920	137	26,943	29,164	10,403	20,481	1,020,242	1,102,789	601,873	907,245
1923	116	35,715	37,831	14,809	33,210	914,622	1,040,007	519,603	996,598
1924	140	45,706	50,768	21,858	44,037	1,017,512	1,121,517	546,159	1,035,119
1925	134	43,370	45,120	21,110	42,474	1,094,046	1,233,207	581,041	1,103,262
1926	121	45,366	49,085	22,274	43,141	1,156,261	1,277,485	608,507	1,165,206
1927	111	46,489	50,085	22,385	44,233	1,154,922	1,309,471	566,939	1,136,700
1928	110	51,213	58,292	22,733	47,905	1,183,174	1,430,189	554,318	1,156,264
1929	104	47,793	55,194	22,127	46,736	1,227,429	1,493,416	563,928	1,213,428
1930	92	43,363	48,938	21,529	46,594	1,115,400	1,206,643	604,990	1,250,474
1931	78	36,351	39,528	19,480	41,517	965,804	1,127,941	548,556	1,127,073
1932	59	28,586	31,627	15,286	36,381	824,526	1,036,715	462,275	1,087,172
1933	48	25,421	28,311	11,962	28,899	769,887	860,293	404,472	902,122
1934	53	31,025	34,082	13,279	30,813	833,894	944,123	344,649	889,529
1935	54	34,380	37,853	14,811	33,723	871,414	991,925	310,777	886,351
1936	39	33,440	35,992	17,047	32,828	924,296	1,057,029	388,701	941,214
1937	43	39,662	43,179	17,100	38,369	1,011,790	1,136,086	390,969	1,009,685
1938	43	37,885	41,178	16,367	38,089	959,559	1,075,209	413,676	1,057,069

<sup>1</sup> Exclusive of premium notes.

<sup>2</sup> Figures beginning with 1932 exclude adjustment expenses which were included for prior years. Adjustment expenses for 1932 were as follows: Stock and mutual companies, \$25,978,000; Lloyd's, etc., \$1,854,000; total, \$27,332,000.

<sup>3</sup> Number of companies reporting.

<sup>4</sup> Figures for 1920 cover business of 101 associations; 1923, 108; 1924, 133; 1925, 110; 1926, 115; 1927, 106; 1928, 108; 1930, 90; 1931, 70.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Fire and Marine Volume.

No. 317.—FIRE AND LIGHTNING INSURANCE—BUSINESS TRANSACTED BY MEMBERS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, CONTINENTAL UNITED STATES AND OUTLYING TERRITORIES AND POSSESSIONS: 1920 TO 1938

[All money figures in millions and tenths of millions of dollars. No later data available]

	1920	1925	1930	1935	1936	1937	1938
Number of companies, total.....	169	210	239	196	197	198	198
United States companies.....	124	165	199	160	160	161	161
Foreign companies.....	45	45	40	36	37	37	37
Net premiums written.....	533.9	644.3	584.0	381.7	371.4	380.6	366.9
Net premiums earned.....	450.9	599.0	614.7	380.5	373.9	372.2	368.5
Net losses paid.....	226.0	351.1	329.4	137.0	153.4	145.9	151.3
Net losses incurred.....	246.1	354.1	329.7	135.0	153.9	146.3	150.4
Net expenses.....	219.5	281.2	304.0	189.5	186.2	185.4	184.5
Taxes.....	27.6	20.1	29.7	19.1	19.8	18.3	18.6
Percent of—							
Net losses incurred to net premiums earned.....	54.6	59.1	53.6	35.5	41.1	39.3	40.8
Net expenses to net premiums earned.....	48.7	46.9	49.4	49.8	49.6	49.8	49.8
Net expenses to net premiums written.....	41.1	43.8	52.0	49.6	50.1	48.6	50.2
Taxes to net premiums written.....	5.2	3.1	5.1	5.0	5.3	4.8	5.0

No. 318.—FIRE LOSSES, TOTAL AND PER CAPITA, CONTINENTAL UNITED STATES: 1876 TO 1939

NOTE.—Amounts, except per capita, in thousands of dollars. Prior to 1916 figures are as compiled by the New York Journal of Commerce and include losses of \$10,000 or over in the principal cities of the United States, adding 15 percent for small and unreported losses. These figures are not comparable with those shown for later years (the 1916 Journal of Commerce figure being \$214,531,000 as against \$258,378,000) which cover all fires reported to the Actuarial Bureau Committee, adding 25 percent for unreported and uninsured losses prior to 1935 and 30 percent thereafter

YEARLY AVERAGE OR YEAR	Loss	YEARLY AVERAGE OR YEAR	Loss	YEARLY AVERAGE OR YEAR	Loss	YEARLY AVERAGE OR YEAR	Loss
1876-1880.....	69,912	1901.....	165,818	1914.....	221,439	1927.....	472,934
1881-1885.....	95,753	1902.....	161,078	1915.....	172,033	1928.....	464,607
1886-1890.....	113,627	1903.....	145,302	1916.....	258,378	1929.....	450,446
1891.....	143,765	1904.....	229,198	1917.....	289,535	1930.....	501,981
1892.....	151,516	1905.....	165,222	1918.....	353,879	1931.....	451,644
1893.....	167,544	1906.....	518,612	1919.....	320,540	1932.....	400,859
1894.....	140,006	1907.....	215,085	1920.....	447,887	1933.....	271,453
1895.....	142,110	1908.....	217,886	1921.....	495,406	1934.....	271,197
1896.....	118,737	1909.....	188,705	1922.....	506,541	1935.....	235,263
1897.....	116,355	1910.....	214,003	1923.....	535,373	1936.....	266,659
1898.....	130,594	1911.....	217,005	1924.....	549,062	1937.....	254,959
1899.....	153,595	1912.....	206,439	1925.....	559,418	1938.....	258,477
1900.....	160,930	1913.....	203,764	1926.....	561,981	1939.....	274,943

YEAR	CITIES REPORTING ACTUAL LOSS				TOTAL UNITED STATES		
	Number of cities	Population (thousands)	Actual reported loss, total	Loss per capita	Population (thousands) <sup>1</sup>	Estimated loss	Loss per capita <sup>2</sup>
1928.....	445	51,836	140,038	\$2.70	119,862	464,607	\$3.88
1929.....	473	53,411	145,059	2.72	121,626	459,446	3.78
1930.....	454	50,206	150,981	3.01	123,091	501,080	4.08
1931.....	454	51,084	125,934	2.47	124,113	451,643	3.64
1932.....	458	51,295	113,947	2.22	124,974	400,859	3.21
1933.....	461	51,553	77,686	1.51	125,770	271,453	2.16
1934.....	468	51,179	82,770	1.59	126,626	271,197	2.15
1935.....	469	53,184	69,720	1.33	127,521	235,263	1.85
1936.....	467	53,802	75,390	1.40	128,429	266,659	2.08
1937.....	(3)	(3)	(3)	(3)	120,257	254,959	1.97
1938.....	(3)	(3)	(3)	(3)	130,215	258,477	1.99
1939.....	(3)	(3)	(3)	(3)	131,162	274,943	2.10

<sup>1</sup> See headnote.

<sup>2</sup> Population figures are estimates by the Bureau of the Census. Per capita loss is based on these estimates.

<sup>3</sup> Not available.

Sources: Table 317 through 1930, The Spectator, Philadelphia, Pa.; Insurance Yearbook; table 317 beginning 1933 and table 318, National Board of Fire Underwriters, reports and records, except as noted.

### No. 319.—LIFE INSURANCE—SUMMARY OF FINANCIAL CONDITION AND POLICY ACCOUNT OF UNITED STATES COMPANIES: 1850 TO 1939

NOTE.—Figures include domestic and foreign business of United States companies but do not include operations of the Veterans' Admn. (see pp. 154 and 155), or United States business of foreign companies

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

YEAR	Assets (admitted) Dec. 31	Liabilities, Dec. 31	Total income	Premium income	Payments to policyholders	INSURANCE WRITTEN AND PAID FOR DURING YEAR		POLICIES IN FORCE DEC. 31				
						Ordinary <sup>1</sup>	Industrial	Number (thousands)		Amount		
								Ordinary <sup>1</sup>	Industrial	Total	Ordinary <sup>1</sup>	Industrial
1850								29		69		
1860								60		180		
1870								839		2,263		2,263
1880	453		81		56			686	287	1,602	1,582	21
1890	771	679	197	168	90	742	242	1,320	3,823	4,050	3,021	439
1900	1,742	4,043	401	325	180	1,280	568	3,178	11,219	8,561	7,093	1,468
1905	2,706	2,373	642	516	265	1,726	661	5,621	16,873	13,384	11,054	2,310
1910	3,876	3,065	781	593	387	1,822	735	6,964	23,034	18,404	13,227	3,177
1913	4,659	4,130	946	715	470	2,550	850	8,775	29,432	20,564	16,587	3,977
1914	4,935	4,305	985	746	509	2,457	858	9,045	31,159	21,589	17,426	4,164
1915	5,190	4,938	1,043	784	545	2,621	974	9,890	33,142	22,784	18,349	4,435
1916	5,537	5,253	1,118	848	566	3,213	999	10,698	36,675	24,679	19,868	4,811
1917	5,941	5,634	1,249	929	690	3,840	1,051	11,582	38,704	27,189	21,966	5,223
1918	6,475	6,202	1,325	994	710	3,988	1,142	12,708	41,822	29,870	24,167	5,703
1919	6,759	6,432	1,660	1,207	739	7,010	1,305	15,716	51,295	35,880	29,273	6,607
1920	7,320	6,980	1,764	1,385	745	8,490	1,615	16,095	49,905	42,281	35,092	7,190
1921	7,936	7,548	1,951	1,537	858	6,787	1,943	17,685	54,097	45,983	37,077	8,908
1922	8,652	8,124	2,149	1,686	978	7,506	2,268	18,814	58,283	50,291	41,404	8,887
1923	9,455	8,902	2,427	1,930	1,088	9,455	2,615	26,534	63,401	60,804	46,696	10,107
1924	10,394	9,799	2,703	2,122	1,174	10,152	3,043	22,092	68,248	63,750	52,436	11,344
1925	11,538	10,867	3,018	2,384	1,243	11,817	3,650	23,894	73,736	71,600	58,806	12,824
1926	12,940	12,177	3,380	2,624	1,373	12,413	4,048	25,501	77,965	79,044	65,457	14,187
1927	14,392	13,539	3,673	2,874	1,500	12,671	4,466	27,146	82,246	87,222	71,474	16,548
1928	15,961	15,043	4,088	3,146	1,690	14,168	4,565	29,151	85,844	95,206	78,521	16,686
1929	17,482	16,507	4,337	3,350	1,902	14,520	4,738	31,339	89,415	103,146	85,244	17,902
1930	18,880	17,802	4,594	3,524	2,247	14,160	4,860	32,776	89,430	107,948	89,661	18,287
1931	20,160	19,116	4,850	3,681	2,607	12,379	4,847	33,531	88,228	108,886	90,011	18,274
1932	20,754	19,774	4,653	3,504	3,087	9,721	4,793	32,818	82,945	103,154	85,899	17,265
1933	20,896	19,836	4,622	3,322	3,016	9,114	4,673	31,952	81,517	97,985	80,831	17,154
1934	21,844	20,813	4,786	3,521	2,705	9,395	4,885	32,643	82,579	98,542	80,892	17,651
1935	23,216	22,220	5,072	3,692	2,535	9,417	4,722	33,899	83,971	100,730	82,433	18,298
1936	24,874	23,702	5,180	3,683	2,429	9,481	4,854	34,416	86,715	104,667	85,203	19,464
1937	26,249	25,084	5,257	3,762	2,487	10,012	4,784	35,276	88,881	109,572	88,981	20,591
1938	27,755	26,511	5,357	3,800	2,678	8,204	4,423	35,962	88,516	111,055	90,069	20,986
1939	29,243	27,926	5,453	3,826	2,642	8,840	3,676	37,017	87,934	113,977	92,836	21,140

<sup>1</sup>Not including unapportioned surplus and capital and prior to 1905 also apportioned surplus. For amount of the latter item in recent years, see table 320.

<sup>2</sup>Includes group business.

Source: Prior to 1890, Frederick L. Hoffman, insurance statistician, Newark, N. J.; 1890 and subsequent years, The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

### No. 320.—LIFE INSURANCE—FINANCIAL CONDITION AND BUSINESS OF UNITED STATES COMPANIES: 1900 TO 1938

NOTE.—All money figures in thousands of dollars. See headnote, table 319. See also table 310 for 1939 data for principal items

	1900	1910	1920	1930	1935	1937	1938
Number of companies	76	214	272	352	340	308	306
Capital stock, Dec. 31	12,832	40,545	60,905	176,943	148,748	150,936	147,059
Income, total	400,608	781,011	1,764,213	4,593,973	5,073,095	5,257,049	5,357,452
Premium income, total	324,724	593,388	1,384,939	3,524,327	3,892,123	3,761,745	3,799,896
New premiums <sup>1</sup>	82,270	70,180	274,478	385,067	359,398	330,647	297,488
Renewals <sup>1</sup>	256,142	517,536	1,069,740	3,031,537	3,222,207	3,022,923	3,070,148
Annuities	6,306	5,672	10,721	107,723	510,523	408,175	432,260
Interest and other income, total	75,879	187,623	379,274	1,069,646	1,376,968	1,495,304	1,557,556
Interest, dividends, etc.	54,949	160,514	324,370	853,188	876,030	930,897	962,750
Rents	8,225	10,310	16,312	37,202	137,024	195,477	193,502
Other	2,706	16,799	38,592	179,106	369,933	368,920	401,304

<sup>1</sup>Includes disability and double indemnity receipts.

No. 320.—LIFE INSURANCE—FINANCIAL CONDITION AND BUSINESS OF UNITED STATES COMPANIES: 1900 TO 1938—Continued

	1900	1910	1920	1930	1935	1937	1938
<b>Expenditures, total</b> .....	267,580	540,342	1,188,869	3,198,537	3,592,966	3,610,343	3,744,417
Paid to policyholders.....	188,688	387,302	744,649	2,248,776	2,595,113	2,436,972	2,578,089
Death losses.....	100,721	180,654	340,084	855,745	877,418	937,283	934,010
Matured endowments.....	18,335	46,349	101,181	112,027	144,081	154,089	175,924
Annuities <sup>1</sup> .....	4,122	7,426	16,897	11,124	205,928	240,266	280,122
Surrendered policies, etc.....	22,050	77,518	119,061	614,223	882,533	699,302	771,155
Dividends.....	22,860	75,354	157,547	553,658	424,256	436,431	446,878
Other expenditures.....	88,892	168,040	453,717	951,761	1,057,848	1,173,371	1,166,328
Commissions, salaries, traveling expenses of agents.....	61,282	87,629	257,822	497,549	407,436	431,717	414,024
Medical fees, salaries, other employee costs.....	13,034	26,087	61,566	134,253	133,448	140,950	143,748
Dividends to stockholders.....	1,023	2,140	5,308	21,017	10,382	18,225	13,605
Other.....	23,548	37,235	129,021	298,042	506,577	582,479	594,900
<b>Admitted assets, Dec. 31, total</b> .....	1,742,414	3,875,877	7,319,997	18,879,611	23,216,496	26,249,049	27,754,661
Real estate owned.....	168,119	172,961	172,011	547,562	1,086,133	2,160,494	2,177,301
Real estate mortgages.....	501,499	1,227,232	2,174,863	7,577,044	5,330,860	5,229,415	5,444,490
Stocks owned.....	794,632	120,622	51,350	465,951	531,377	512,935	537,706
Bonds owned.....	7,191	1,659,845	3,588,728	6,352,333	9,064,947	13,182,800	14,381,451
Collateral loans.....	64,489	18,941	41,301	31,008	12,760	8,618	7,016
Premium notes and loans.....	88,501	465,100	868,915	2,807,012	3,539,609	3,399,484	3,388,933
Net deferred and unpaid premiums.....	33,269	50,956	130,923	439,894	459,710	474,566	485,638
Cash in office and banks.....	75,440	71,113	124,747	152,216	828,598	725,619	709,606
Other.....	19,276	50,107	177,152	505,690	563,502	525,059	562,550
Asset items not admitted.....	12,249	25,186	77,424	78,453	430,295	478,161	405,270
<b>Liabilities, Dec. 31, total</b> .....	1,493,379	3,665,435	6,989,309	17,892,142	22,219,739	25,084,340	26,510,792
Reserve.....	1,443,462	3,225,906	6,337,970	16,231,489	20,404,203	22,302,246	23,495,202
Losses and claims unpaid.....	9,863	17,072	43,116	134,964	163,193	111,024	116,603
Claims resisted.....	999	1,779	2,475	11,440	24,434	17,581	16,834
Dividends unpaid and left to accumulate.....	3,568	5,533	53,048	303,345	305,026	401,282	432,440
Surplus apportioned <sup>4</sup> .....	(5)	354,071	412,330	807,862	770,846	780,378	804,024
Other.....	35,466	61,014	140,361	373,046	501,123	571,704	644,790
Surplus (including capital).....	\$ 249,085	210,440	330,688	1,017,470	996,766	1,164,709	1,248,869
Total surplus funds.....	249,085	664,511	743,027	1,825,333	1,767,613	1,945,087	2,048,792
<b>POLICY ACCOUNT—AMOUNTS</b>							
<b>New business written and paid for, total</b> .....	1,846,267	2,557,053	10,105,445	19,019,780	14,138,619	14,795,950	12,626,977
Ordinary <sup>5</sup> .....	1,280,265	1,822,260	8,489,971	12,604,020	8,113,266	8,151,283	7,506,256
Group.....				1,555,683	1,303,477	1,861,115	697,006
Industrial.....	569,002	734,793	1,615,474	4,860,078	4,721,876	4,783,552	4,422,814
<b>In force Dec. 31, total</b> .....	8,561,249	16,404,261	42,281,891	107,948,278	100,730,415	100,572,451	111,054,689
Ordinary, total <sup>6</sup> .....	7,093,220	13,227,213	35,081,539	79,774,841	71,968,295	76,071,004	77,265,494
Whole life.....	4,790,345	8,811,743	25,583,423	57,686,405	61,287,155	63,954,286	64,610,686
Endowment.....	1,664,450	3,043,689	6,975,433	14,319,675	14,800,429	16,236,760	16,611,044
Other.....	638,425	1,371,782	2,522,683	7,768,760	5,876,711	5,879,958	6,042,863
Group.....				9,886,029	10,409,577	12,910,263	12,803,490
Industrial.....	1,468,028	3,177,048	7,189,852	18,287,408	18,297,543	20,591,183	20,985,705
<b>NUMBER OF POLICIES (thousands)</b>							
<b>Written during year, total</b> .....	4,671	6,002	13,249	24,268	24,348	22,905	21,645
Ordinary <sup>6</sup> .....	729	993	3,924	5,384	4,794	4,359	4,211
Group.....				19	5	3	3
Industrial.....	3,942	5,009	9,325	18,856	19,550	18,544	17,432
<b>In force Dec. 31, total</b> .....	14,395	29,999	66,469	122,213	117,370	124,166	124,478
Ordinary <sup>6</sup> .....	3,176	6,964	16,695	32,739	33,374	35,255	35,939
Group.....				38	25	21	23
Industrial.....	11,219	23,034	49,805	89,436	83,971	88,881	88,516

<sup>1</sup> Includes disability and double indemnity payments.  
<sup>2</sup> Does not include loading on deferred and uncollected premiums included in 1920 and earlier years.  
<sup>3</sup> Comprises dividends apportioned and amounts set apart on deferred dividend policies and contingency and other special reserves.  
<sup>4</sup> "Surplus apportioned" included in "Surplus, including capital."  
<sup>5</sup> Includes "Group" prior to 1930.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.



**No. 321.—LIFE INSURANCE—POLICIES ISSUED AND TERMINATED, UNITED STATES COMPANIES: 1935 TO 1939**

[Number of policies in thousands, amounts in thousands of dollars. See headline, table 319]

	New business <sup>1</sup>	TERMINATIONS							
		Total	Death	Maturity	Expiry	Surrender	Lapse	Change	Disability
<b>ORDINARY<sup>2</sup></b>									
Number:									
1935.....	4, 798	3, 809	261	110	815	944	1, 714	53	4
1936.....	4, 459	3, 408	271	105	793	755	1, 471	9	5
1937.....	4, 302	3, 227	275	107	852	675	1, 308	10	4
1938.....	4, 213	3, 547	270	115	945	705	1, 410	9	3
1939.....	4, 652	3, 559	281	159	1, 130	793	1, 181	6	8
Amount:									
1935.....	9, 416, 743	7, 866, 464	751, 877	116, 871	1, 273, 327	2, 348, 376	2, 872, 602	484, 626	18, 784
1936.....	9, 481, 148	6, 518, 625	759, 890	125, 930	1, 009, 320	1, 740, 449	2, 459, 431	376, 083	17, 532
1937.....	10, 012, 398	6, 069, 582	800, 175	124, 523	921, 612	1, 511, 462	2, 375, 084	321, 570	15, 175
1938.....	8, 204, 103	7, 004, 053	808, 035	133, 636	976, 283	1, 688, 692	2, 637, 136	743, 281	16, 391
1939.....	8, 839, 523	6, 014, 449	811, 596	183, 930	878, 095	1, 619, 736	2, 115, 262	387, 467	23, 363
<b>INDUSTRIAL</b>									
Number:									
1935.....	19, 550	18, 080	787	248	1, 479	4, 030	11, 510	26	(3)
1936.....	19, 503	16, 687	816	245	1, 633	3, 343	10, 639	15	(3)
1937.....	18, 544	16, 370	850	253	1, 629	3, 394	10, 246	13	(3)
1938.....	17, 432	17, 753	785	340	2, 119	4, 308	10, 175	24	1
1939.....	14, 555	15, 723	782	395	1, 775	4, 200	8, 570	1	1
Amount:									
1935.....	4, 721, 876	4, 086, 203	153, 720	28, 814	411, 849	944, 984	2, 534, 097	12, 086	53
1936.....	4, 853, 849	3, 688, 809	100, 284	27, 951	450, 108	815, 249	2, 224, 747	10, 404	84
1937.....	4, 783, 552	3, 624, 391	107, 586	30, 544	473, 441	807, 040	2, 136, 661	9, 000	101
1938.....	4, 422, 814	4, 087, 941	159, 459	48, 286	632, 003	1, 055, 049	2, 181, 393	16, 490	231
1939.....	3, 670, 466	3, 549, 215	160, 498	54, 940	521, 039	1, 038, 102	1, 707, 333	6, 942	299

<sup>1</sup> New issues, old policies revived or increased, and additions by dividends.

<sup>2</sup> Including group.

<sup>3</sup> Less than 500.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

**No. 322.—LIFE INSURANCE—OPERATIONS OF UNITED STATES COMPANIES, FROM ORGANIZATION TO JAN. 1, 1939**

NOTE.—Figures include domestic and foreign business of United States companies, but do not include operations of the Veterans' Admn. (see pp. 154 and 155), or United States business of foreign companies

[Number of policies in thousands; money figures in thousands of dollars]

	Total	Ordinary companies	Industrial companies
<b>Total insurance issued since organization:</b>			
Number of policies.....	561, 468	1 113, 529	2 447, 938
Amount.....	348, 022, 305	1 255, 053, 652	2 92, 938, 763
<b>Insurance in force Jan. 1, 1939:</b>			
Number of policies.....	124, 478	1 35, 962	2 88, 516
Amount.....	111, 054, 689	1 90, 908, 984	2 20, 935, 705
<b>Receipts since organization, total</b>			
Premiums and annuity.....	93, 037, 736	59, 855, 198	33, 292, 538
Interest, rents, etc.....	70, 370, 760	43, 572, 028	26, 804, 732
Payments to policyholders since organization, total.....	22, 691, 020	16, 288, 176	6, 397, 845
Death claims.....	46, 718, 158	30, 727, 941	14, 990, 217
Endowments and annuities <sup>1</sup> .....	18, 036, 688	12, 134, 103	5, 902, 585
Purchased policies, surrender values.....	5, 637, 098	3, 924, 499	1, 743, 199
Dividends to policyholders.....	12, 480, 452	7, 936, 387	4, 543, 565
Admitted assets, Jan. 1, 1939.....	9, 533, 319	6, 732, 452	2, 800, 888
Capital, apportioned funds, and surplus, Jan. 1, 1939.....	27, 754, 661	17, 514, 198	10, 440, 462
	2, 048, 792	1, 136, 080	912, 712

<sup>1</sup> Includes data for group business of ordinary companies and ordinary and group business of industrial companies.

<sup>2</sup> Industrial business only.

<sup>3</sup> Includes disability and double indemnity.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

No. 323.—LIFE INSURANCE WRITTEN AND IN FORCE, BY STATES: 1937 AND 1938

NOTE.—Figures cover business transacted in continental United States, including United States business of Canadian companies. They include data for some small companies which confine their business to the State in which they domicile, and usually to several small cities, which are not included in tables 319 to 322. Further differences between totals in this table and in the preceding tables are due to duplications from reinsurance

[All figures in thousands of dollars]

DIVISION AND STATE	ORDINARY (INCLUDING GROUP)				INDUSTRIAL			
	Written		In force		Written		In force	
	1937	1938	1937	1938	1937	1938	1937	1938
United States	12, 175, 248	10, 288, 980	87, 765, 161	88, 803, 388	4, 803, 856	4, 415, 430	20, 076, 596	20, 401, 392
New England	766, 265	632, 552	6, 714, 679	6, 746, 781	370, 768	326, 133	2, 170, 486	2, 170, 475
Maine	45, 698	39, 007	450, 171	449, 463	21, 610	19, 224	117, 388	117, 939
New Hampshire	32, 724	32, 503	314, 803	322, 083	16, 743	16, 185	94, 550	97, 417
Vermont	22, 723	19, 079	221, 857	223, 066	9, 225	9, 036	47, 009	47, 153
Massachusetts	393, 282	325, 057	3, 533, 045	3, 550, 069	205, 681	179, 365	1, 185, 943	1, 181, 792
Rhode Island	62, 005	52, 105	537, 272	530, 003	37, 904	34, 736	226, 961	228, 726
Connecticut	239, 172	164, 539	1, 652, 030	1, 656, 117	80, 220	68, 587	436, 541	437, 447
Middle Atlantic	3, 373, 875	2, 776, 173	27, 377, 930	27, 482, 562	1, 861, 632	1, 197, 936	7, 666, 322	7, 646, 561
New York	1, 841, 285	1, 577, 420	15, 571, 077	15, 624, 950	648, 589	512, 719	3, 812, 779	3, 693, 731
New Jersey	406, 471	306, 155	3, 700, 859	3, 700, 384	281, 402	221, 375	1, 437, 300	1, 400, 812
Pennsylvania	1, 006, 219	802, 592	8, 100, 024	8, 085, 253	461, 672	423, 891	2, 418, 213	2, 480, 019
East North Central	5, 297, 115	2, 841, 810	21, 018, 444	21, 060, 450	939, 957	824, 240	4, 306, 665	4, 474, 900
Ohio	810, 150	625, 449	5, 711, 649	5, 696, 055	308, 831	285, 286	1, 374, 102	1, 400, 438
Indiana	329, 491	253, 734	2, 057, 078	2, 059, 622	131, 358	119, 412	606, 954	608, 559
Illinois	1, 038, 818	841, 425	7, 356, 923	7, 443, 193	293, 120	272, 441	1, 417, 560	1, 461, 700
Michigan	352, 636	731, 731	3, 825, 900	3, 763, 376	149, 922	128, 833	637, 608	694, 979
Wisconsin	256, 010	185, 070	2, 067, 831	2, 078, 204	56, 737	48, 238	313, 432	319, 273
West North Central	1, 089, 853	935, 132	8, 260, 080	8, 363, 365	240, 332	218, 779	1, 095, 917	1, 115, 084
Minnesota	205, 190	212, 184	1, 834, 038	1, 927, 560	37, 836	34, 260	1, 85, 747	193, 800
Iowa	184, 035	162, 280	1, 513, 907	1, 538, 435	28, 521	28, 134	132, 333	137, 943
Missouri	339, 857	310, 061	2, 614, 318	2, 640, 681	131, 793	110, 627	575, 678	583, 906
North Dakota	27, 689	23, 099	222, 843	223, 314	404	132	570	458
South Dakota	21, 164	21, 909	228, 068	227, 806	9	6	248	293
Nebraska	93, 610	91, 413	831, 851	835, 038	13, 855	11, 589	62, 650	64, 558
Kansas	137, 437	113, 086	964, 454	970, 441	20, 784	20, 049	128, 676	134, 037
South Atlantic	1, 066, 106	944, 483	7, 606, 497	7, 715, 445	960, 656	962, 922	2, 237, 398	2, 348, 174
Delaware	37, 857	27, 763	277, 623	283, 081	19, 156	16, 944	80, 944	82, 466
Maryland	146, 657	129, 303	1, 207, 161	1, 232, 888	124, 323	122, 600	404, 670	401, 426
Dist. of Columbia	95, 439	89, 990	744, 873	771, 309	54, 043	54, 545	163, 208	173, 256
Virginia	147, 470	125, 657	1, 119, 772	1, 153, 932	148, 672	145, 177	324, 021	343, 451
West Virginia	118, 141	114, 797	807, 093	819, 396	48, 620	45, 701	149, 583	150, 456
North Carolina	169, 042	148, 389	1, 122, 730	1, 157, 444	145, 730	139, 059	311, 233	328, 374
South Carolina	77, 931	64, 144	501, 487	514, 566	130, 944	128, 248	203, 868	221, 110
Florida	104, 769	140, 652	1, 067, 979	1, 078, 111	175, 040	163, 765	290, 471	317, 741
Georgia	111, 418	103, 987	660, 854	7, 04, 718	114, 139	146, 798	210, 635	227, 894
East South Central	481, 729	398, 543	3, 188, 807	3, 220, 307	401, 009	385, 169	765, 228	803, 568
Kentucky	119, 012	99, 578	853, 333	869, 137	83, 587	81, 322	261, 666	270, 543
Tennessee	172, 675	144, 611	1, 041, 951	1, 064, 133	167, 333	160, 985	278, 257	295, 203
Alabama	123, 808	88, 542	753, 992	762, 158	113, 052	108, 660	178, 840	188, 171
Mississippi	63, 147	55, 813	429, 281	434, 879	47, 037	34, 163	46, 493	49, 652
West South Central	83, 079	804, 800	4, 802, 369	5, 032, 456	317, 594	329, 388	737, 001	789, 115
Arkansas	65, 763	60, 226	433, 488	437, 721	31, 384	30, 277	63, 593	65, 455
Louisiana	117, 028	104, 419	793, 008	810, 550	44, 437	51, 103	164, 212	179, 250
Oklahoma	167, 904	141, 412	971, 515	985, 089	31, 939	30, 547	96, 063	100, 161
Texas	480, 304	498, 513	2, 604, 355	2, 700, 107	209, 765	214, 461	413, 803	444, 249
Mountain	303, 452	263, 043	2, 050, 553	2, 105, 268	40, 367	37, 757	163, 198	174, 652
Montana	43, 824	20, 570	293, 110	293, 225	2, 646	1, 700	14, 872	15, 220
Idaho	26, 506	25, 650	200, 708	205, 002	2, 025	1, 239	8, 299	8, 426
Wyoming	17, 584	17, 966	121, 665	126, 830	428	286	1, 045	1, 090
Colorado	107, 197	90, 195	796, 731	808, 921	15, 666	13, 674	87, 020	90, 174
New Mexico	24, 804	20, 573	118, 000	124, 777	9, 642	9, 406	13, 671	15, 459
Arizona	27, 440	34, 151	166, 070	184, 766	3, 705	6, 730	4, 439	9, 540
Utah	44, 403	36, 090	301, 112	306, 408	6, 234	4, 765	33, 399	34, 283
Nevada	7, 602	7, 947	53, 010	55, 289	22	11	444	459
Pacific	943, 051	872, 874	6, 570, 956	6, 804, 493	171, 459	147, 881	843, 325	875, 339
Washington	137, 253	120, 843	1, 094, 304	1, 112, 793	16, 292	14, 057	103, 611	105, 746
Oregon	98, 366	78, 157	651, 194	663, 706	7, 129	5, 918	41, 248	42, 637
California	707, 432	664, 874	4, 825, 357	5, 027, 904	148, 039	127, 906	698, 466	726, 956

1 United States totals include small amounts not distributed by States.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

No. 324.—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	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	81.6	72.2	77.8	04.1	8.9	799.6	5,656.5	4,519
1905	570	64.5	95.7	91.4	85.2	72.6	11.3	1,026.3	8,150.4	6,119
1910	497	129.4	128.6	114.3	110.2	92.3	16.9	1,331.6	9,562.5	8,558
1915	472	212.8	133.3	122.3	123.6	98.7	16.1	1,922.9	8,094.4	7,098
1920	1,336	326.1	181.2	165.2	135.8	109.0	26.2	1,178.0	8,879.5	8,430
1925	1,224	628.3	222.1	188.4	160.5	121.2	36.2	1,105.9	9,769.6	8,452
1930	1,265	831.6	251.1	199.2	199.2	147.0	44.1	1,287.3	8,946.2	7,770
1932	1,226	832.4	212.4	163.8	167.0	117.3	31.1	1,599.6	7,122.7	6,413
1933	1,206	906.1	192.6	152.1	156.3	111.0	39.7	502.1	6,394.6	6,118
1934	1,262	900.7	197.7	149.6	156.7	114.8	30.3	524.3	6,299.7	6,246
1935	1,266	994.3	205.1	152.2	158.6	111.0	39.4	562.8	6,132.5	6,462
1936	1,240	1,039.3	211.7	150.5	166.6	116.4	32.6	585.8	6,104.4	6,076
1937	1,255	1,098.1	224.4	159.2	166.5	116.6	36.5	666.2	6,332.7	7,015
1938	1,243	1,134.2	218.1	155.3	161.9	111.1	32.0	559.1	6,347.8	7,014

<sup>1</sup> Number reporting.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

No. 325.—CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE COMPANIES—FINANCIAL CONDITION AND BUSINESS TRANSACTED: 1895 TO 1938

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

YEAR	Number of companies	Capital (stock companies)	Assets	Net surplus over capital and liabilities	Net premiums <sup>1</sup>	Total income	Losses paid <sup>2</sup>	Actual expenses of management <sup>3</sup>	Total expenditures
STOCK COS. <sup>4</sup>									
1895	53	20,676	42,211	13,044	16,684	19,318	5,916	8,755	15,695
1900	57	23,672	65,808	27,059	27,186	30,348	12,755	15,419	27,507
1905	84	43,030	152,866	39,070	55,344	63,191	21,647	28,922	54,354
1910	154	65,485	309,716	78,176	94,395	111,042	41,465	57,915	100,113
1915	181	78,024	603,670	78,035	160,320	174,892	75,444	74,251	159,397
1920	<sup>5</sup> 189	93,737	1,014,386	92,861	459,170	489,774	196,360	183,514	400,724
1925	<sup>5</sup> 274	159,630	1,934,744	202,680	698,729	762,037	347,440	286,024	660,092
1930	<sup>5</sup> 387	206,337	3,192,848	304,313	901,651	1,093,831	534,029	378,621	966,307
1932	<sup>5</sup> 378	194,625	<i>3,133,865</i>	<i>208,075</i>	<i>689,387</i>	<i>844,487</i>	<i>484,080</i>	<i>298,060</i>	<i>823,752</i>
1932	<sup>5</sup> 182	155,864	1,165,096	136,641	801,568	747,671	364,202	252,905	727,315
1933	<sup>5</sup> 177	151,328	1,076,949	144,768	570,288	652,065	303,129	230,627	639,869
1934	<sup>5</sup> 179	150,257	1,093,279	171,525	617,423	682,896	300,580	239,215	641,662
1935	<sup>5</sup> 170	147,300	1,213,183	222,304	666,304	718,627	297,721	254,793	649,384
1936	<sup>5</sup> 178	155,027	1,365,624	284,650	725,754	787,701	294,266	278,102	681,995
1937	<sup>5</sup> 178	149,546	1,367,779	277,024	783,688	838,390	299,630	300,594	716,940
1938	<sup>5</sup> 186	152,300	1,494,067	322,011	770,933	820,870	298,600	309,202	725,970
ALL COMPANIES <sup>7</sup>									
1933	<sup>4</sup> 473	151,328	1,302,363	227,698	775,712	878,363	409,844	299,422	851,565
1934	<sup>4</sup> 489	150,257	1,346,180	259,790	869,722	977,354	419,112	317,411	880,923
1935	<sup>4</sup> 480	147,300	1,507,277	319,840	953,380	1,029,671	428,493	340,765	917,047
1936	<sup>4</sup> 483	155,027	1,710,170	390,922	1,060,392	1,149,509	446,154	375,236	986,274
1937	<sup>4</sup> 502	149,546	1,732,575	372,847	1,171,576	1,265,215	474,125	409,184	1,067,461
1938	<sup>4</sup> 521	152,300	1,898,509	430,342	1,163,127	1,243,532	476,067	426,997	1,101,237

<sup>1</sup> Total premium receipts prior to 1910.

<sup>2</sup> Figures for 1895 to 1930 (also 1932 figures in italics) include adjustment expenses excluded thereafter.

<sup>3</sup> Including taxes.

<sup>4</sup> Figures through 1930, and 1932 figures in italics, include data for companies which transact life insurance in addition to accident and health insurance. Income and disbursement items include business of accident and health branches only of these life insurance companies, where companies were able to segregate data, while capital, assets, and net surplus include total amounts of these items for such companies, excluding, however, data for a few very large companies for which accident and health business is only a small proportion of the total business. Capital, assets, and net surplus are therefore overstated and in part duplicated in figures for life insurance companies in other tables. Figures for 1932 to 1933, except 1932 italic figures, relate to casualty, surety, and miscellaneous insurance companies only.

<sup>5</sup> Number of companies reporting. <sup>6</sup> See note 4.

<sup>7</sup> Includes stock casualty, surety, and miscellaneous insurance companies, shown separately above, mutual companies, reciprocal, and Lloyd's; number of companies and income and disbursement items also include accident and health departments of life insurance companies.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume.

**No. 326.—STOCK CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE COMPANIES—PREMIUMS AND LOSSES, BY CLASS FOR 1937 TO 1939**

NOTE.—All money figures in thousands of dollars. Data cover about 80 percent 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

CLASS	1937			1938			1939		
	Premiums received	Losses paid <sup>1</sup>	Ratio, per cent	Premiums received	Losses paid <sup>1</sup>	Ratio, per cent	Premiums received	Losses paid <sup>1</sup>	Ratio, per cent
<b>Total</b> .....	<b>753,570</b>	<b>349,808</b>	<b>46.4</b>	<b>729,792</b>	<b>349,718</b>	<b>47.9</b>	<b>730,309</b>	<b>346,799</b>	<b>47.5</b>
Accident <sup>2</sup> .....	45,470	18,957	41.7	46,297	19,834	42.8	49,202	20,389	41.4
Automobile collision.....	6,240	3,979	63.7	6,598	3,567	54.4	7,403	3,572	47.4
Automobile fire and theft <sup>3</sup> .....	1,692	529	31.3	1,828	616	33.7	1,249	542	43.4
Automobile liability.....	212,649	112,938	53.1	206,874	112,920	54.6	98,994	106,016	53.3
Automobile property damage.....	68,581	25,203	48.1	56,063	29,136	52.0	155,761	30,429	54.4
Automobile (not segregated) <sup>4</sup> .....	4,927	2,538	51.5	4,956	2,368	47.8	6,127	2,493	40.7
Burglary and theft.....	28,399	7,450	26.3	25,934	7,061	29.5	27,264	7,391	27.1
Credit.....	3,210	630	19.6	2,858	2,224	77.8	2,707	1,324	48.9
Engine and machinery.....	5,510	1,222	22.2	3,827	1,136	29.7	3,493	977	28.2
Fire.....	1,122	327	29.2	1,028	404	39.3	1,195	406	34.0
Fidelity.....	41,438	12,452	30.1	40,319	12,414	30.8	40,790	12,160	29.8
Health <sup>2</sup> .....	17,678	11,419	64.6	17,741	11,860	66.9	21,548	14,108	65.5
Liability.....	79,107	32,839	41.5	78,785	33,147	42.1	80,696	33,194	41.1
Livestock.....	599	433	72.3	680	461	67.8	601	418	69.6
Noncancelable accident and health.....	3,964	5,288	133.4	3,752	4,712	125.6	3,072	4,235	137.9
Plate glass.....	10,494	4,974	47.4	11,019	5,029	45.6	10,104	4,469	44.2
Property damage and collision <sup>5</sup> .....	4,642	1,036	22.3	4,712	1,055	23.2	5,350	1,324	24.8
Sprinkler and water damage.....	654	241	36.9	625	243	38.9	602	212	35.1
Steam boiler.....	9,002	993	10.8	8,131	950	11.7	7,596	1,003	13.2
Surety.....	43,400	12,339	28.4	47,482	10,871	22.9	49,961	11,901	23.8
Workmen's compensation.....	174,495	90,640	51.9	159,250	88,577	55.6	155,484	89,710	57.7
Other.....	351	196	55.8	1,001	474	47.3	1,166	589	50.5

<sup>1</sup> Including adjustment expenses.

<sup>2</sup> Combined accident and health included with accident.

<sup>3</sup> Figures for motor-vehicle fire and theft insurance of stock fire and marine companies are as follows: 1937, premiums received, \$205,560,000; losses paid, \$98,270,000; 1938, premiums received, \$162,623,000; losses paid, \$92,292,000; 1939, premiums received, \$192,460,000; losses paid, \$81,628,000.

<sup>4</sup> Includes small amounts of automobile plate glass, windstorm, and miscellaneous classes.

<sup>5</sup> Other than automobile.

Source: The Spectator, Philadelphia, Pa.; Handy Chart of Casualty, Surety, and Miscellaneous Insurance Companies, except figures in note 3, which are from Insurance Year Book, Fire and Marine Volume

**No. 327.—MUTUAL ACCIDENT AND SICK BENEFIT ASSOCIATIONS—FINANCIAL CONDITION AND BUSINESS TRANSACTED: 1901 TO 1938**

NOTE.—Although many small companies have not reported all years, the large companies have reported regularly, and the figures are fairly comparable from year to year

[All figures, except number of companies and certificates, in thousands of dollars]

YEAR	Number of companies	Admitted assets	Net surplus	Premiums or assessments	Income (including interest)	Paid for claims	Paid to agents, medical examiners, and for management	Total disbursements	Number of certificates written during year	Number of certificates in force at end of year
1901.....	102	1,817	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	6,892	667,809	887,804
1910.....	187	5,169	3,666	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	893,654	1,359,368
1920.....	167	13,709	9,690	19,538	22,712	10,580	8,771	19,044	713,270	1,853,328
1925.....	167	46,682	31,558	40,807	44,908	22,395	15,019	36,672	807,722	2,170,562
1929.....	148	51,852	35,546	51,314	55,453	30,894	19,289	50,072	826,500	2,543,834
1930.....	156	39,551	25,901	47,036	50,542	29,185	18,086	48,338	963,011	2,483,753
1931.....	134	35,457	25,235	42,252	45,714	29,116	17,610	46,022	1,023,189	2,531,185
1932.....	109	34,900	22,735	35,180	38,126	25,286	13,045	30,592	607,368	1,751,103
1933.....	101	33,721	22,806	31,063	33,647	19,387	11,369	32,285	521,266	1,717,619
1934.....	112	36,174	24,636	31,254	34,341	19,175	12,211	31,807	811,110	1,899,022
1935.....	109	39,410	21,417	32,707	35,764	20,011	12,274	32,964	716,697	1,914,519
1936.....	105	43,177	22,463	37,116	40,237	20,770	14,049	35,933	1,002,487	2,248,249
1937.....	102	47,546	22,746	43,011	46,125	24,281	15,842	40,518	1,187,763	2,584,656
1938.....	102	52,395	24,827	49,537	52,024	27,599	17,326	45,504	1,348,573	2,849,144

<sup>1</sup> Number reporting; for prior years figures include all known companies, whether reporting or not.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume.

No. 328.—INSURANCE CARRIERS AND INSURANCE AGENCIES AND BROKERAGE OFFICES—OFFICES, PERSONNEL, AND PAY ROLL, BY STATES: 1935

NOTE.—See headnote, table 329

[Pay roll and commissions in thousands of dollars]

DIVISION AND STATE	CARRIERS: HOME OFFICE			CARRIERS: BRANCH, DEPARTMENTAL, AND MANAGERIAL OFFICES					INSURANCE AGENCIES AND BROKERAGE OFFICES <sup>1</sup>		
	Number of offices	Em- ploy- ees (full- time and part- time), avg. for year	Total pay roll	Number of offices	Em- ploy- ees (full- time and part- time), avg. for year	Total pay roll	Office solicitors		Number of offices	Em- ploy- ees (full- time and part- time), avg. for year	Pay roll
							Number	Com- mis- sions			
United States.....	4,428	158,514	268,770	8,302	124,888	236,776	78,747	87,190	56,624	103,809	141,469
New England.....	539	27,197	47,796	515	10,420	22,724	5,792	7,778	3,626	6,783	9,230
Maine.....	55	106	256	44	599	1,312	210	388	439	675	720
New Hampshire.....	25	445	893	28	422	933	414	246	265	346	315
Vermont.....	12	444	913	22	251	594	132	124	283	244	293
Massachusetts.....	154	10,355	17,221	263	6,435	13,446	3,526	4,663	1,670	3,338	4,590
Rhode Island.....	30	884	1,780	48	739	1,676	578	821	104	382	668
Connecticut.....	63	14,903	26,754	110	1,980	4,793	902	1,529	805	1,795	2,774
Middle Atlantic.....	845	38,728	122,405	1,833	42,168	95,452	19,887	21,781	11,712	28,192	44,976
New York.....	431	45,204	82,633	733	23,763	52,587	13,124	13,693	5,403	10,737	29,713
New Jersey.....	63	14,731	23,504	265	6,152	15,119	1,797	2,026	3,270	3,250	4,382
Pennsylvania.....	351	8,793	16,268	635	12,243	27,746	4,946	6,062	2,470	8,205	10,881
East North Central.....	1,191	23,445	36,088	1,821	28,865	61,228	14,605	16,841	11,076	21,491	28,480
Ohio.....	210	5,493	8,946	316	6,872	14,971	4,481	6,077	2,459	6,362	7,501
Indiana.....	125	2,533	4,581	249	3,492	7,022	1,111	950	1,541	1,890	2,135
Illinois.....	434	9,284	13,090	439	12,689	29,588	5,733	5,733	3,406	7,386	11,070
Michigan.....	137	2,500	3,878	280	3,477	7,900	2,451	3,061	1,822	3,567	4,903
Wisconsin.....	285	3,655	5,593	137	2,148	4,687	1,179	1,120	1,848	2,286	2,861
West North Central.....	964	13,590	19,832	745	9,231	18,304	6,875	6,656	8,875	10,473	13,404
Minnesota.....	256	2,371	3,283	152	2,119	4,298	1,304	1,461	1,814	2,291	3,142
Iowa.....	221	3,693	5,334	134	1,215	2,358	1,408	1,214	1,761	1,308	1,402
Missouri.....	211	2,953	4,891	284	4,238	8,289	2,583	2,859	1,952	4,113	6,245
North Dakota.....	44	247	355	20	86	162	104	113	380	258	235
South Dakota.....	67	252	304	22	152	262	137	81	319	232	238
Nebraska.....	125	2,095	3,540	69	781	1,605	704	644	1,389	1,221	1,279
Kansas.....	50	979	1,625	64	640	1,335	345	284	1,260	1,050	863
South Atlantic.....	824	11,494	18,666	1,680	13,874	25,816	10,844	13,445	4,785	9,529	13,179
Delaware.....	15	124	220	28	407	915	260	364	136	185	244
Maryland.....	44	6,404	10,124	158	2,063	4,459	1,191	1,620	295	1,099	1,675
Dist. of Col.....	27	902	1,687	86	1,191	2,375	895	1,116	183	821	1,329
Virginia.....	73	1,221	2,156	238	2,059	3,693	1,391	2,248	685	1,577	2,073
West Virginia.....	21	125	201	80	745	1,525	563	859	415	653	801
North Carolina.....	61	1,234	1,904	318	2,631	4,525	1,050	1,150	783	1,283	1,638
South Carolina.....	43	613	833	108	816	1,391	1,160	1,549	427	609	747
Georgia.....	23	302	725	298	2,937	5,323	2,290	2,494	1,062	1,955	2,871
Florida.....	17	569	746	176	1,024	1,740	1,828	2,045	749	1,342	1,841
East South Central.....	174	3,317	5,112	608	5,066	9,388	4,822	4,310	3,068	4,357	5,158
Kentucky.....	36	576	954	139	1,535	3,056	841	803	948	1,300	1,335
Tennessee.....	50	1,314	2,131	217	2,027	3,804	1,953	1,836	933	1,685	2,153
Alabama.....	42	959	1,524	180	1,245	2,042	1,182	1,086	555	974	1,219
Mississippi.....	40	408	503	72	279	486	646	585	570	398	451
West South Central.....	349	6,126	8,268	705	4,698	8,769	7,594	7,521	4,362	5,958	6,862
Arkansas.....	37	281	312	60	402	806	456	397	446	647	774
Louisiana.....	55	1,121	1,308	140	1,228	2,284	1,624	1,357	388	1,159	1,913
Oklahoma.....	48	622	902	104	641	1,641	926	894	1,124	1,047	1,096
Texas.....	206	4,092	5,764	401	2,127	4,068	4,588	4,873	2,394	3,103	3,179
Mountain.....	103	1,285	1,420	208	1,457	2,399	1,832	1,884	1,991	2,598	3,129
Montana.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	35	163	323	286	222	354	308	382
Idaho.....	23	( <sup>2</sup> )	( <sup>2</sup> )	22	51	92	73	73	276	252	255
Wyoming.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	152	92	90
Colorado.....	37	774	844	71	777	1,023	789	679	640	1,003	1,324
New Mexico.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	8	23	38	137	105	118	106	107
Arizona.....	6	38	62	19	84	111	126	173	191	290	411
Utah.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	234	510	525
Nevada.....	314	1,120	1,184	53	374	3707	3421	3432	36	29	32
Pacific.....	143	5,112	9,165	687	11,293	22,166	6,946	7,078	7,251	13,932	17,974
Washington.....	18	808	1,428	144	1,090	2,206	1,225	1,063	1,028	2,410	2,688
Oregon.....	17	358	616	68	493	984	644	485	716	1,180	1,272
California.....	108	3,946	7,121	475	9,710	18,976	5,077	5,578	5,507	10,342	13,314

<sup>1</sup> Insurance offices and insurance and real estate offices combined. Data for United States are shown separately in table 329.

<sup>2</sup> New Mexico combined with Montana.

<sup>3</sup> Wyoming combined with Utah.

Source: Department of Commerce, Bureau of the Census; Census of Business report on Insurance.

**No. 329.—INSURANCE CARRIERS AND INSURANCE AGENCIES AND BROKERAGE OFFICES—NUMBER OF OFFICES, PERSONNEL, AND PAY ROLL, BY TYPE OF INSURANCE, FOR THE UNITED STATES: 1935**

**NOTE.**—Carriers include all types of insurance coverage except title insurance and the guarantee of mortgages. Each carrier is considered as having only one home office. Insurance agencies and brokerage offices include insurance agencies, sub-agencies, and brokerage offices identifiable as business establishments; managing agencies for one or more carriers; attorneys-in-fact for Lloyd's Associations and for reciprocal exchanges; and underwriter agencies. Classifications by kind of insurance in the case of multiple line companies submitting a consolidated report are based on the kind of insurance from which the major portion of the business is derived. For employment by occupational groups, see table 388

	Number of offices	Active proprietors and firm members	Employees (full-time and part-time), avg. for year	PAY ROLL (THOUSANDS OF DOLLARS)		
				Total	Full-time	Part-time
<b>Carriers: Home offices</b> .....	4,428		159,314	268,770	265,743	3,027
Life.....	1,209		93,514	153,014		
Fire and marine.....	2,620		27,150	50,388		
Casualty, surety, and miscellaneous.....	599		38,550	65,368		
<b>Carriers: Branch, departmental, and managerial offices</b> .....	8,302		126,888	266,778	266,487	369
Life.....	6,171		89,274	199,567		
Fire and marine.....	689		13,244	24,477		
Casualty, surety, and miscellaneous.....	1,442		24,370	42,732		
<b>Insurance agencies and brokerage offices</b> .....	4,684	55,070	109,300	141,499	135,211	6,268
Insurance offices.....	4,857	34,226	71,792	102,884	98,196	4,748
Insurance and real estate offices.....	4,217	20,844	31,517	38,585	37,075	1,510

<sup>1</sup> Includes a number of fraternal orders reporting little or no employment.

<sup>2</sup> Includes a number of local farm and county mutuals reporting little or no employment.

<sup>3</sup> Not including 78,747 office solicitors who received commissions amounting to \$87,190,000.

<sup>4</sup> Number of establishments reporting; the coverage of insurance agencies and brokerage offices is incomplete.

<sup>5</sup> Includes data for office solicitors.

Source: Department of Commerce, Bureau of the Census; Census of Business report on Insurance.

**No. 330.—FINANCIAL INSTITUTIONS OTHER THAN BANKS—NUMBER, PERSONNEL, AND PAY ROLL, BY TYPE OF INSTITUTION, FOR THE UNITED STATES: 1935**

**NOTE.**—The coverage of financial institutions other than banks is known to be incomplete; the extent of the deficiency in coverage cannot be determined

[Pay roll in thousands of dollars]

KIND OF BUSINESS	Number of establishments reporting <sup>1</sup>	Active proprietors and firm members	TOTAL EMPLOYMENT (FULL-TIME AND PART-TIME)		EXECUTIVES AND SALARIED CORPORATION OFFICERS		ALL OTHER EMPLOYEES	
			Number <sup>2</sup>	Pay roll <sup>3</sup>	Number <sup>2</sup>	Pay roll	Number <sup>2</sup>	Pay roll
<b>Total</b> .....	24,520	10,884	161,090	274,954	84,783	74,007	128,307	200,946
<b>Security brokers and dealers</b> .....	7,224	7,807	77,329	162,260	5,042	29,461	72,287	132,799
Single establishments.....	4,678	5,730	28,769	57,727	3,244	15,725	25,525	42,002
Multi-unit establishments.....	2,546	2,077	48,560	104,533	1,798	13,736	46,762	90,797
<b>Building and loan associations</b> .....	8,118		31,806	27,744	21,754	18,659	10,052	9,085
Federal savings and loan associations.....	896		2,768	3,470	1,570	2,254	1,182	1,217
State building and loan associations.....	7,222		29,048	24,274	20,178	16,405	8,870	7,868
<b>Installation finance companies</b> .....	2,331	598	18,639	30,937	2,230	8,203	16,400	22,734
Single establishments.....	1,386	551	6,200	10,872	1,651	5,251	4,643	5,620
Multi-unit establishments.....	945	47	12,340	20,065	579	2,952	11,761	17,114
<b>Personal finance companies</b> .....	4,015	1,184	15,570	23,321	2,700	6,655	12,870	16,696
Single establishments.....	2,206	1,086	5,796	8,300	1,970	4,000	3,828	4,210
Multi-unit establishments.....	1,809	98	9,774	15,021	730	2,564	9,044	12,487
<b>Mortgage and farm mortgage companies</b> .....	954	220	6,232	9,990	1,385	4,112	4,847	5,878
Miscellaneous.....	1,878	1,055	11,514	20,703	1,672	6,918	9,842	13,784

<sup>1</sup> Units of branch systems considered as separate establishments.

<sup>2</sup> Count of employees as of December 1935.

<sup>3</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business report on Financial Institutions Other Than Banks.

### No. 331.—COMMODITY EXCHANGE TRANSACTIONS—VOLUME OF TRADING IN PRINCIPAL GRAIN FUTURES AND AMOUNT OF FEDERAL TAXES COLLECTED ON SALES OF ALL COMMODITIES FOR FUTURE DELIVERY: 1922 TO 1940

NOTE.—Trading in wheat and corn futures usually accounts for around 90 percent of the total volume of trading in grain futures. Statistics of the volume of future trading are not collected for commodities other than grains. The value of all futures sales is roughly indicated, however, by the amount of taxes collected on such sales. Since Oct. 3, 1917, stamp taxes upon sales of products or merchandise on exchanges, boards of trade, or similar places, for future delivery, have been in effect as follows: On each \$100 of such sales or a fractional part thereof in excess of \$100, 2 cents prior to July 2, 1924; 1 cent July 2, 1924, to June 21, 1932; 5 cents June 21, 1932, to May 11, 1934; 3 cents May 12, 1934, to June 30, 1938; repealed, effective July 1, 1938

[Volume of trading in wheat and corn in thousands of bushels; taxes in thousands of dollars]

YEAR	VOLUME OF TRADING IN—		Taxes on sales of produce for future delivery <sup>1</sup>	YEAR	VOLUME OF TRADING IN—		Taxes on sales of produce for future delivery <sup>1</sup>
	Wheat futures	Corn futures			Wheat futures	Corn futures	
1922	12,701,922	4,889,449	5,645	1936	8,617,322	2,098,455	3,350
1923	10,078,513	4,649,065	7,025	Jan.-June	3,396,337	471,839	1,195
1924	11,223,017	6,215,579	6,507	July-Dec.	5,220,985	1,623,616	2,155
1925	20,628,785	6,408,648	5,070	1937	12,576,416	2,022,125	5,445
1926	15,636,261	4,099,745	3,524	Jan.-June	6,437,607	1,325,110	2,941
1927	10,858,465	6,769,600	3,488	July-Dec.	6,138,809	1,337,015	2,504
1928	10,947,471	6,838,591	3,578	1938	6,845,056	1,678,823	1,344
1929	18,770,598	4,943,104	3,766	Jan.-June	3,613,220	635,850	1,005
1930	14,737,859	4,741,285	2,518	July-Dec.	3,231,836	942,973	249
1931	8,337,633	4,241,070	1,110	1939	6,270,359	1,530,060	(?)
1932	9,698,775	1,579,695	2,460	Jan.-June	2,273,346	632,395	(?)
1933	12,385,619	3,894,062	7,479	July-Dec.	3,997,013	897,655	(?)
1934	3,916,344	3,418,012	4,950	1940			
1935	8,462,821	2,365,603	3,277	Jan.-June	4,377,943	494,215	(?)

<sup>1</sup> Figures represent sales of stamps.

<sup>2</sup> Tax repealed.

Sources: Dept. of Agriculture, Commodity Exchange Administration; monthly reports on volume of trading. Treasury Dept., Bureau of Internal Revenue; Comparative Statement of Monthly Collections.

### No. 332.—SECURITIES LISTED ON NEW YORK STOCK EXCHANGE—VALUES (Value, except average price, in millions of dollars)

JAN. 1—	BONDS			STOCKS			JAN. 1—	BONDS			STOCKS		
	Face value	Market value	Average price	Shares (mil-lions)	Market value	Average price		Face value	Market value	Average price	Shares (mil-lions)	Market value	Average price
1929	48,589	47,379	\$97.51	757	67,478	\$89.10	1935	44,816	40,660	\$90.73	1,305	33,024	\$25.69
1930	49,058	46,892	95.59	1,128	64,708	57.88	1936	42,393	39,899	91.85	1,318	49,946	35.62
1931	50,073	47,385	94.63	1,297	49,020	37.80	1937	46,280	45,054	97.35	1,360	59,878	44.02
1932	52,300	37,848	72.29	1,312	26,694	20.24	1938	47,694	42,782	89.70	1,412	38,869	27.53
1933	41,305	31,918	77.27	1,312	25,768	17.85	1939	51,554	47,053	91.27	1,424	47,491	33.34
1934	41,829	34,861	83.34	1,259	35,095	28.59	1940	54,097	40,920	92.33	1,435	46,468	32.37

<sup>1</sup> Approximately \$12,000,000,000 par value British Government bonds were added to the list during April 1928 and approximately \$10,000,000,000 removed from the list during December 1932.

Source: New York Stock Exchange, Year Book.

### No. 333.—SALES ON NEW YORK STOCK EXCHANGE—VOLUME: 1914 TO 1939

YEAR	Stocks, mil-lions of shares <sup>1</sup>	BONDS, PAR VALUE (MILLIONS OF DOLLARS) <sup>2</sup>				YEAR	Stocks, mil-lions of shares <sup>1</sup>	BONDS, PAR VALUE (MILLIONS OF DOLLARS) <sup>2</sup>			
		Total	Corpo-rate	U. S. Gov-ernment	State, munic-ipal, foreign			Total	Corpo-rate	U. S. Gov-ernment	State, munic-ipal, foreign
1914	48	462	427	1	34	1927	577	3,269	2,142	280	837
1915	173	961	907	3	51	1928	920	2,903	1,967	188	749
1916	233	1,150	845	1	304	1929	1,125	2,982	2,182	142	658
1917	186	1,057	471	286	300	1930	810	2,764	1,927	116	721
1918	144	2,063	356	1,436	271	1931	577	3,051	1,846	296	908
1919	317	3,800	622	2,901	286	1932	425	2,967	1,642	570	755
1920	227	3,977	827	2,861	289	1933	655	3,369	2,099	501	769
1921	173	3,324	1,043	1,957	324	1934	324	3,726	2,239	885	602
1922	259	4,370	1,965	1,873	592	1935	382	3,330	2,287	674	378
1923	236	2,700	1,568	790	425	1936	496	3,576	2,899	319	359
1924	282	3,804	2,346	877	582	1937	409	2,793	2,067	349	347
1925	454	3,334	2,332	391	661	1938	297	1,860	1,484	127	249
1926	461	2,987	2,004	262	721	1939	262	2,046	1,480	311	255

<sup>1</sup> Exclusive of odd-lot and stopped sales.

<sup>2</sup> Exclusive of stopped sales.

Source: Commercial and Financial Chronicle.

## No. 334.—SALES OF STOCKS AND BONDS ON ALL REGISTERED EXCHANGES

[All money figures in millions of dollars; number of shares of stock in millions. Stock sales include rights and warrants]

YEAR AND QUARTER	ALL REGISTERED EXCHANGES					NEW YORK STOCK EXCHANGE				
	Market value of all sales	Stocks		Bonds		Market value of all sales	Stocks		Bonds	
		Shares	Market value	Par value	Market value		Shares	Market value	Par value	Market value
1938.....	13,927	542	12,338	2,310	1,589	12,306	424	11,016	1,032	1,290
Jan.-Mar.....	2,806	114	2,620	551	385	2,576	87	2,252	472	324
Apr.-June.....	2,524	102	2,169	512	365	2,224	79	1,930	421	294
July-Sept.....	3,039	152	3,553	543	386	3,520	122	3,215	452	314
Oct.-Dec.....	4,558	174	4,105	704	453	3,976	137	3,019	587	357
1939.....	13,347	467	11,426	2,590	1,921	11,488	366	9,970	2,121	1,618
Jan.-Mar.....	3,303	114	2,840	637	463	2,804	88	2,461	405	343
Apr.-June.....	2,413	88	2,040	503	372	2,052	68	1,775	393	277
July-Sept.....	4,411	155	3,749	820	662	3,878	125	3,316	705	561
Oct.-Dec.....	3,219	110	2,706	630	423	2,754	86	2,417	528	337
1940:										
Jan.-Mar.....	2,331	87	1,990	525	341	1,933	64	1,669	429	265
Apr.-June.....	3,508	146	3,133	555	375	2,903	112	2,695	472	298

## No. 335.—BROKERS' LOANS—AMOUNTS OUTSTANDING: 1928 TO 1940

NOTE.—In millions of dollars. Figures cover net borrowings by all New York Stock Exchange members on collateral contracted for and carried in New York City. Figures are reported as of the first of each month but are here shown as of the end of the preceding month

YEAR	Mar.	June	Sept.	Dec.	YEAR AND MONTH	Total	De-mand	Time	YEAR AND MONTH	Total	De-mand	Time
1928.....	4,840	4,898	5,514	6,440	1930:				1930—Con.			
1929.....	6,804	7,071	8,549	3,990	Jan.....	666	633	34	Nov.....	574	544	31
1930.....	4,656	3,728	3,481	1,894	Feb.....	683	646	37	Dec.....	594	565	30
1931.....	1,909	1,891	1,044	587	Mar.....	655	617	38	1940:			
1932.....	533	244	380	347	Apr.....	547	515	32	Jan.....	560	533	27
1933.....	311	780	897	845	May.....	540	515	30	Feb.....	555	529	26
1934.....	981	1,082	832	880	June.....	537	509	28	Mar.....	570	550	20
1935.....	773	809	731	938	July.....	554	527	27	Apr.....	579	560	20
1936.....	997	989	972	1,051	Aug.....	509	478	31	May.....	409	391	18
1937.....	1,159	1,186	1,039	650	Sept.....	467	434	34	June.....	332	317	15
1938.....	521	470	524	717	Oct.....	534	502	32				

## No. 336.—CUSTOMERS' DEBIT BALANCES, MONEY BORROWED, AND RELATED ITEMS—STOCK EXCHANGE FIRMS CARRYING MARGIN ACCOUNTS: 1937 TO 1940

NOTE.—All figures in millions of dollars. Data relate to member firms of the New York Stock Exchange carrying margin accounts. Figures are derived from money balances as shown by the ledger and do not include the value of securities carried for customers or owned by the firms. For detailed discussion of these figures, see Federal Reserve Bulletin, September 1936

YEAR AND MONTH	DEBIT BALANCES				CREDIT BALANCES				
	Custom-ers' debit balances (not) <sup>1</sup>	Debit balances in investment and trading accounts of—		Cash on hand and in banks	Money borrowed <sup>2</sup>	Custom-ers' credit bal-ances <sup>1</sup>	Credit balances in investment and trading accounts of—		Credit balances in capital accounts (not)
		Partners	Firm				Partners	Firm	
1937—September.....	1,363	48	123	230	1,088	352	26	12	385
December.....	985	34	108	232	688	363	26	10	355
1938—March.....	831	29	95	215	576	320	25	9	315
June.....	774	27	88	215	495	347	22	11	298
September.....	823	29	76	213	559	325	20	7	300
December.....	991	32	106	190	754	307	22	5	305
1939—March.....	953	27	84	174	699	284	20	9	294
June.....	834	25	73	178	570	300	21	6	280
September.....	866	20	64	217	520	392	22	11	283
December.....	906	16	78	207	637	335	23	7	277
1940—March.....	886	15	78	186	615	317	21	7	270
June.....	653	12	58	223	376	329	22	5	269

<sup>1</sup> Excluding balances with reporting firms (1) of member firms of New York Stock Exchange and other national securities exchanges and (2) of firms' own partners.<sup>2</sup> Includes all money borrowed except from other member firms of national securities exchanges.

Sources: Table 334, Securities and Exchange Commission, Statistical Series; table 335, Commercial and Financial Chronicle published currently; table 336, Board of Governors of the Federal Reserve System, monthly figures published currently in Federal Reserve Bulletin.



## No. 337.—STOCK PRICES—NEW YORK TIMES AVERAGES: 1916 TO 1940

YEAR	50 STOCKS (DOLLARS PER SHARE)			25 INDUSTRIALS (DOLLARS PER SHARE)			25 RAILROADS (DOLLARS PER SHARE)		
	High	Low	Average closing <sup>1</sup>	High	Low	Average closing <sup>1</sup>	High	Low	Average closing <sup>1</sup>
1916	101.51	80.91	89.60	119.30	86.60	90.14	85.70	74.83	80.05
1917	90.46	57.43	77.23	90.74	62.81	85.44	81.22	52.06	69.12
1918	80.16	64.12	71.16	91.55	71.31	80.08	70.75	56.94	61.84
1919	99.69	69.73	83.92	138.12	80.37	105.77	68.78	54.48	62.06
1920	94.07	62.70	81.58	129.83	76.55	107.21	63.55	48.63	55.94
1921	73.13	58.35	66.30	90.00	66.24	79.38	56.54	47.69	53.21
1922	93.06	66.21	80.48	116.24	79.50	98.58	70.53	52.67	62.98
1923	92.52	77.15	83.97	118.44	99.05	107.78	67.05	54.61	60.15
1924	107.23	82.26	91.13	135.11	103.26	116.08	81.41	57.80	67.18
1925	138.21	101.16	117.67	185.36	128.83	152.65	95.29	73.50	82.48
1926	142.35	109.63	129.49	186.03	137.66	165.70	102.60	81.61	93.27
1927	185.47	135.82	164.18	247.48	171.49	214.54	124.22	99.34	113.81
1928	231.45	173.13	195.49	332.58	235.42	293.92	132.80	112.84	122.06
1929	311.90	164.43	251.08	469.49	220.95	366.29	158.71	107.92	135.87
1930	245.60	135.43	199.59	358.16	196.67	285.66	136.00	74.20	113.61
1931	173.07	67.61	125.09	261.22	110.73	137.15	94.93	21.49	63.01
1932	80.83	33.98	57.81	129.10	57.62	93.63	33.96	10.84	21.99
1933	98.05	46.85	74.03	150.21	75.89	118.42	47.87	18.81	30.84
1934	98.27	74.96	85.62	153.18	123.34	137.84	43.36	25.54	33.19
1935	116.74	77.92	96.92	203.68	134.62	167.29	33.35	21.12	26.58
1936	144.44	111.90	127.87	243.60	191.26	215.72	47.45	31.82	40.03
1937	142.93	82.07	121.57	238.72	141.82	204.00	61.47	21.35	38.55
1938	110.74	69.70	93.07	195.78	124.93	160.52	25.94	14.47	20.84
1939	114.27	84.79	102.05	202.90	151.56	181.40	27.86	18.03	22.71
Jan.-June:									
1939	109.94	84.79	97.80	192.03	151.56	173.00	26.35	18.03	21.82
1940	111.78	82.32	102.74	198.84	147.97	183.81	24.73	16.19	21.67

<sup>1</sup> Average of Saturday closing prices for these stocks.

## No. 338.—STOCK AND BOND PRICES—AVERAGES, BY CLASS: 1918 TO 1940

NOTE.—Figures in boxes indicate the number of issues. Data not available where blank spaces occur

YEAR	BONDS					Pre-ferred stocks <sup>1</sup> (dollars per share) (20)	COMMON STOCKS (1926=100)				
	U. S. Government <sup>2</sup> (dollars)	Municipal <sup>3</sup> (dollars) (15)	Corporate, dollars per \$100 bond				Total (420)	Industrial (350)	Public utility (40)	Rail-road (30)	
			Total (60)	Industrial (20)	Public utility (20)						Rails (20)
1918		89.6				104.4	60.7	56.0	59.9	68.7	
1919		90.1				110.9	70.7	72.6	60.3	70.1	
1920		83.7				103.2	64.2	60.1	54.5	63.9	
1921		82.5				103.0	55.2	51.6	57.8	61.8	
1922		93.2				114.0	67.7	64.7	70.9	72.7	
1923		92.9				114.4	69.0	66.6	73.8	71.9	
1924		93.7				115.2	72.8	69.6	78.9	76.7	
1925		95.2				118.6	89.7	88.4	94.9	89.5	
1926		95.3	97.6			121.0	100.0	100.0	100.0	100.0	
1927		96.7	100.7	95.9	97.3	107.0	118.3	118.5	116.0	119.1	
1928		95.6	100.8	95.8	100.0	106.7	130.9	154.3	148.9	128.5	
1929		92.7	98.1	93.2	97.7	103.3	127.4	190.3	189.4	147.3	
1930		95.4	99.3	92.6	99.4	106.0	126.4	149.4	140.6	124.9	
1931	104.7	95.4	90.9	81.8	97.2	93.8	119.1	94.7	87.4	148.7	
1932	98.8	87.8	69.5	63.1	80.5	64.8	96.1	48.6	46.5	79.1	
1933	102.3	87.1	73.4	69.2	80.6	70.5	104.8	63.0	65.7	78.1	
1934	104.6	96.1	84.5	81.9	87.8	83.9	120.7	72.4	81.1	68.0	
1935	105.5	105.3	88.6	88.2	98.2	70.4	133.8	78.3	90.8	71.4	
1936	103.7	110.8	97.5	92.2	105.4	94.7	138.9	111.0	127.3	104.3	
1937	101.7	110.3	93.4	90.1	100.4	89.6	136.2	111.8	131.3	94.8	
1938	103.4	113.7	78.9	82.9	95.3	58.6	135.6	83.3	99.4	73.2	
1939	106.0	116.3	81.6	86.0	100.9	58.0	141.2	89.2	104.9	84.5	
Jan.-June:											
1939	106.5	117.6	81.4	85.8	100.7	57.5	142.0	87.4	102.8	83.0	
1940	106.6	118.1	81.2	86.6	100.8	56.2	140.2	87.5	102.5	84.4	

<sup>1</sup> Average of prices adjusted to a \$7 annual-dividend basis.<sup>2</sup> Average price of outstanding issues due or callable after 12 years.<sup>3</sup> Average yield on 15 bonds converted to equivalent price for 3½ percent bond having 22 years to date of maturity.

Sources: U. S. Government bonds, Board of Governors of Federal Reserve System; other figures, Standard Statistics Co.

No. 339.—STOCK AND BOND YIELDS—PERCENT: 1922 TO 1940

NOTE.—Figures in boxes indicate number of issues. Data not available where blank spaces occur

YEAR	BONDS							STOCKS				
	U. S. Treasury (Treasury Dept.) <sup>1</sup>	Municipal (Bond Buyer) (20)	Corporate (Moody's Investors' Service)				Municipal (Standard Statistics Co.) (15)	Preferred industrial <sup>2</sup> (Standard Statistics Co.) (20)	Common (Moody's Investors' Service) <sup>3</sup>			
			Total (120)	Industrial (40)	Railroad (40)	Public utility (40)			Total (200) <sup>4</sup>	Industrial (125)	Railroad (25)	Public utility (25)
1922	4.30	4.21	5.95	6.04	5.89	5.93	4.23	6.14				
1923	4.36	4.27	6.04	6.04	6.24	5.83	4.25	6.12				
1924	4.00	4.21	5.80	5.90	5.90	5.61	4.20	6.05				
1925	3.80	4.13	5.47	5.61	5.51	5.29	4.09	5.90				
1926	3.68	4.14	5.21	5.37	5.13	5.11	4.08	5.78				
1927	3.34	3.90	4.97	5.10	4.83	4.96	3.98	5.51				
1928	3.33	4.05	4.04	5.10	4.85	4.87	4.05	5.35				
1929	3.60	4.32	5.21	5.31	5.18	5.14	4.27	5.50	5.5	4.0	4.4	5.2
1930	3.29	4.12	5.09	5.25	4.96	5.05	4.07	5.54	4.6	4.9	5.6	3.7
1931	3.84	4.07	5.81	6.08	6.09	5.27	4.01	5.87	6.2	6.4	7.8	5.4
1932	3.68	4.77	6.87	6.71	7.61	6.30	4.65	7.33	7.4	7.3	6.8	8.0
1933	3.81	5.14	5.89	5.34	6.09	6.25	4.71	6.71	4.4	3.7	2.7	6.9
1934	3.12	4.22	4.96	4.52	4.96	5.40	4.03	5.81	4.1	3.4	3.0	6.9
1935	2.79	3.38	4.46	4.02	4.85	4.43	3.41	5.23	4.1	3.5	4.0	6.3
1936	2.65	2.93	3.87	3.50	4.24	3.88	3.07	5.04	3.5	3.4	2.7	4.5
1937	2.63	3.03	3.94	3.55	4.34	3.93	3.10	5.14	4.8	4.8	4.3	5.5
1938	2.56	2.99	4.19	3.50	5.21	3.87	2.91	5.17	4.4	3.9	5.3	6.4
1939	2.36	2.82	3.77	3.30	4.53	3.48	2.76	4.96	4.2	3.9	3.7	5.5
Jan.-June: 1939	2.31	2.73	3.79	3.30	4.59	3.49	2.69	4.93	4.1	3.7	3.7	5.6
1940	2.32	2.70	3.62	3.14	4.42	3.31	2.66	5.00	5.0	5.0	5.2	5.5

<sup>1</sup> Prior to 1926, averages of yields of all outstanding Treasury bonds due or callable after 8 years, together with certain Liberty Loan issues; beginning 1926, averages of yields of bonds due or callable after 12 years.

<sup>2</sup> High grade.

<sup>3</sup> Average of monthly figures computed by dividing the aggregate annual dividends being paid as of the end of each month by the market value of all outstanding shares of the companies as of the same date.

<sup>4</sup> Includes 15 banks and 10 insurance stocks.

<sup>5</sup> Average of figures for June to December.

No. 340.—CASH DIVIDEND PAYMENTS ON 600 COMMON STOCKS: 1931 TO 1940

YEAR AND MONTH	Total annual payments at current rates (millions of dollars)	Number of shares, adjusted <sup>1</sup> (millions)	WEIGHTED AVERAGE DIVIDEND RATE PER SHARE (DOLLARS)					
			Total, 600 stocks	492 industrials	36 railroads	30 public utilities	21 banks	21 insurance
1931, average	2,134.7	915.72	2.33	1.85	4.80	2.97	5.75	3.37
1932, average	1,326.9	925.60	1.43	1.08	1.38	2.51	4.75	2.34
1933, average	1,008.0	924.04	1.09	.78	.88	2.18	3.77	1.70
1934, average	1,108.2	923.01	1.20	.95	1.10	1.99	3.67	1.71
1935, average	1,215.5	919.28	1.32	1.14	1.23	1.85	3.23	2.12
1936, average	1,493.1	923.01	1.62	1.52	1.29	1.93	3.01	2.23
1937, average	1,942.9	923.97	2.10	2.10	1.76	2.08	3.07	2.35
March	1,835.7	923.50	2.04	2.02	1.77	2.08	3.07	2.25
June	1,933.7	923.50	2.09	2.08	1.77	2.10	3.07	2.37
September	1,963.9	923.50	2.13	2.14	1.77	2.05	3.07	2.37
December	2,026.2	929.10	2.18	2.22	1.69	2.06	3.07	2.38
1938, average	1,386.3	929.59	1.49	1.35	1.24	1.95	3.03	2.30
March	1,457.6	929.00	1.57	1.42	1.54	1.97	3.07	2.38
June	1,287.1	929.10	1.39	1.22	1.18	1.94	3.00	2.22
September	1,293.9	929.10	1.39	1.24	1.09	1.93	3.00	2.24
December	1,315.0	935.03	1.41	1.28	.85	1.92	3.01	2.31
1939, average	1,406.9	935.15	1.50	1.40	.96	1.93	3.01	2.37
March	1,334.2	935.03	1.43	1.30	.90	1.92	3.01	2.31
June	1,382.4	935.03	1.48	1.37	.90	1.94	3.01	2.39
September	1,423.8	935.03	1.52	1.42	.90	1.95	3.01	2.39
December	1,589.4	936.43	1.70	1.63	1.25	1.95	3.01	2.53
1940								
March	1,631.3	936.43	1.74	1.68	1.26	1.95	3.01	2.64
June	1,690.4	936.43	1.81	1.77	1.29	1.96	3.01	2.44

<sup>1</sup> Adjusted for stock dividends and splits but not for changes in share capitalization due to other causes.

Source: Moody's Investors' Service.

### NO. 341.—NET PROFITS OF 221 CORPORATIONS, BY TYPE OF BUSINESS: 1932 TO 1939

NOTE.—In millions and tenths of millions of dollars. Figures in parentheses indicate the number of companies. For net profits of all corporations as compiled from income-tax returns, see tables 198 and 200, pp. 198 and 199

CLASS AND NUMBER OF COMPANIES	1932	1933	1934	1935	1936	1937	1938	1939
Industrial (108).....	1 99.6	170.7	308.7	557.5	895.9	977.9	391.0	743.0
Automobiles, parts and accessories (28) <sup>2</sup> .....	1 48.8	85.2	94.6	225.1	348.6	283.3	99.2	239.6
Chemicals (13).....	39.9	84.5	79.8	99.0	122.0	136.1	85.9	128.8
Food products and beverages (19).....	59.5	66.4	72.0	87.6	82.9	77.5	76.5	81.5
Machinery and machine manufacturing (17).....	1 14.5	1.8	17.6	26.0	41.2	53.2	22.4	29.3
Metals and mining (12).....	1 8.7	3.2	8.2	11.7	16.5	23.8	8.5	14.2
Petroleum (18).....	5.0	6.5	14.5	29.6	50.1	73.2	40.1	41.4
Steel (11).....	1 123.3	1 60.8	1 22.5	22.4	100.3	165.1	1 6.3	93.4
Miscellaneous (55).....	1 15.7	3.9	44.9	76.1	128.3	165.7	66.7	114.8
Public utilities other than telephone companies and steam railroads (53) <sup>1</sup> .....	198.6	169.0	163.6	178.1	197.8	205.8	188.7	207.1

<sup>1</sup> Deficit. <sup>2</sup> Excluding tires.

<sup>3</sup> Net income. For operating income of telephone companies and Class I railroads, see tables 436 and 490.

### NO. 342.—CAPITAL ISSUES—SUMMARY, BY CLASSES: 1922 TO 1939

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 1916 to 1918 all stocks are included at their market value. Corporate issues for 1916 to 1918 exclude real estate offerings and privileged stock subscriptions included in figures beginning 1919, and issues of less than \$100,000. State and municipal issues include bonds issued by States, Territories, and possessions, counties and municipalities, and by school and road districts and other independent governmental bodies

YEAR	Total issues	New capital	Refund- ing	TOTAL ISSUES, BY KINDS						
				Corporate				Farm- loan and Gov't agen- cies	State and municip- al	Foreign government
				Rail- roads	Public utilities	Indus- trial <sup>1</sup>	Miscel- laneous			
1922	5,235.9	4,304.4	931.5	651.5	980.4	915.8	525.5	386.4	1,143.7	632.4
1923	4,989.7	4,304.4	685.3	513.2	1,138.4	1,044.8	531.4	392.5	1,071.3	293.1
1924	6,352.5	5,593.2	759.3	940.3	1,520.8	1,505.7	569.0	179.1	1,407.8	927.0
1925	7,125.0	6,220.2	905.8	514.7	1,710.0	1,270.2	1,243.2	133.2	1,408.4	701.3
1926	7,430.3	6,344.1	1,086.1	422.8	1,868.0	1,610.2	1,293.8	131.3	1,375.5	623.9
1927	9,935.7	7,791.1	2,142.6	962.8	2,977.4	1,673.8	1,705.2	179.6	1,420.9	912.4
1928	9,991.8	8,114.4	1,877.5	727.7	2,562.3	1,318.9	2,710.9	63.9	1,435.7	139.2
1929	11,697.2	10,182.8	1,409.4	317.2	2,442.8	2,459.8	4,305.6	86.5	1,497.6	619.6
1930	7,592.0	7,023.4	668.7	1,028.5	2,566.2	1,151.9	723.6	86.5	1,497.6	619.6
1931	4,022.9	3,115.5	907.4	61.0	1,533.0	233.6	204.0	125.6	258.0	50.4
1932	1,730.3	1,192.2	538.0	61.0	540.3	20.6	21.8	169.6	1 850.8	66.0
1933	1,053.7	705.5	344.2	98.9	92.7	186.6	2.3	90.2	1 522.0	60.0
1934	2,212.3	1,386.3	825.0	249.2	158.4	63.2	30.2	721.7	1 939.5	60.0
1935	4,752.3	1,412.1	3,340.2	196.7	1,283.8	706.5	80.4	1,137.1	1 231.8	116.0
1936	6,254.3	1,073.3	4,281.0	795.1	2,125.8	1,258.0	452.6	375.2	1 120.7	126.5
1937	4,001.3	2,100.7	1,900.6	356.7	827.5	1,036.9	212.5	437.7	1 907.7	222.3
1938	4,457.9	2,353.7	2,104.2	72.4	1,222.6	798.1	46.1	1,146.0	1 107.6	65.0
1939	5,836.7	2,293.4	3,543.3	155.6	1,319.5	508.5	165.3	2,461.6	1 128.8	67.5

### CORPORATE ISSUES BY CLASS OF SECURITY (NEW CAPITAL AND REFUNDING) <sup>2</sup>

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
1916	2,185.5	1,405.0	781.5	1928	7,817.9	3,916.6	274.1	3,627.2	
1917	1,530.0	1,075.5	454.5	1929	10,026.4	2,842.3	262.6	6,921.4	
1918	1,344.8	1,047.1	297.7	1930	5,473.3	3,248.0	657.0	1,568.3	
1919	2,739.7	633.7	540.2	1931	2,589.0	1,840.8	405.1	343.1	
1920	2,966.3	1,234.4	660.8	1932	643.9	405.8	214.0	24.0	
1921	2,390.9	1,896.2	215.4	1933	381.6	138.5	90.4	152.7	
1922	3,073.8	2,304.3	145.0	1934	491.1	287.0	169.5	34.6	
1923	3,232.8	2,316.4	180.5	1935	2,267.4	2,066.1	50.5	150.8	
1924	3,838.6	2,569.3	403.0	1936	4,631.9	4,001.3	62.8	567.9	
1925	4,738.1	3,040.2	386.9	1937	2,438.7	1,578.0	94.7	770.4	
1926	5,299.6	3,648.0	333.8	1938	2,189.2	2,032.3	10.6	96.5	
1927	7,319.2	5,190.4	365.6	1939	2,173.9	1,873.3	76.8	228.8	

<sup>1</sup> Comprises the following classifications given in the original detailed statements: Iron, steel, coal, copper, etc., equipment manufacturers, motors and accessories, oil, rubber, and miscellaneous industrials.

<sup>2</sup> See note 1, table 343.

<sup>3</sup> Figures for 1916 to 1918 are from the New York Journal of Commerce. Sources: Table 341, Federal Reserve Bank of New York; table 342, Commercial and Financial Chronicle, except as noted.

## No. 343.—CAPITAL ISSUES—NEW CAPITAL AND REFUNDING, BY CLASS: 1932 TO 1939

[In millions and tenths of millions of dollars. See headnote, table 342]

KIND OF ISSUE	1932	1933	1934	1935	1936	1937	1938	1939
<b>TOTAL</b>								
All issues.....	1,730.3	1,063.7	2,212.3	4,752.3	6,254.3	4,001.3	4,457.9	5,838.7
<b>Corporate, total</b> .....	643.9	381.6	491.1	2,267.4	4,681.9	2,433.7	2,139.2	2,178.9
Domestic:								
Long-term bonds and notes...	405.8	138.5	287.0	2,066.1	3,963.3	1,578.6	2,032.3	1,793.8
Short-term bonds and notes...	214.0	88.8	168.3	50.5	62.8	94.7	10.5	76.8
Preferred stocks.....	10.9	16.2	3.2	123.7	270.3	468.4	78.6	161.1
Common stocks.....	13.1	137.4	31.4	27.2	282.1	292.0	17.8	67.7
Canadian.....	.1				53.0			79.5
Other foreign.....		1.6	1.2				.1	
Canadian Government.....	60.0	60.0	50.0	116.0	48.0	88.3	40.0	67.5
Other foreign government.....			10.0		78.5	134.0	25.0	
Farm-loan and government agencies...	169.6	90.2	721.7	1,137.1	375.2	437.7	1,146.0	2,461.6
State and municipal:								
Domestic <sup>1</sup> .....	849.5	520.5	939.5	1,220.2	1,117.4	902.3	1,099.8	1,126.8
U. S. Territories and possessions...	1.3	1.5		11.7	3.3	5.4	7.9	2.0
<b>NEW CAPITAL</b>								
All issues.....	1,192.2	709.5	1,386.3	1,412.1	1,973.3	2,100.7	2,359.7	2,293.4
<b>Corporate, total</b> .....	325.4	160.7	178.3	403.6	1,215.0	1,225.0	872.0	371.2
Domestic:								
Long-term bonds and notes...	271.0	23.6	112.1	322.9	816.5	769.1	803.1	275.1
Short-term bonds and notes...	34.1	16.7	31.6	11.3	23.0	47.8	3.6	4.5
Preferred stocks.....	10.5	15.2	3.2	54.5	90.0	204.6	47.9	25.9
Common stocks.....	9.7	105.1	31.4	14.8	262.5	203.5	17.3	65.7
Canadian.....		.1			23.0			
Other foreign.....							.1	
Canadian Government.....	26.0					3.3		59.3
Other foreign government.....							25.0	
Farm-loan and government agencies...	77.1	63.9	405.1	150.1	21.9	157.0	480.9	924.4
State and municipal:								
Domestic <sup>1</sup> .....	762.5	483.4	803.0	855.0	734.9	711.6	970.6	938.1
U. S. Territories and possessions...	1.3	1.6		3.6	1.6	3.8	5.2	.5
<b>REFUNDING</b>								
All issues.....	538.0	344.2	825.9	3,340.2	4,281.0	1,900.6	2,104.2	3,543.3
<b>Corporate, total</b> .....	318.5	220.9	312.8	1,868.9	3,417.0	1,208.7	1,267.2	1,807.6
Domestic:								
Long-term bonds and notes...	184.8	114.9	174.9	1,743.1	3,146.8	809.5	1,229.2	1,518.7
Short-term bonds and notes...	179.9	72.1	136.7	39.2	39.7	46.0	6.9	72.3
Preferred stocks.....	.4			69.2	180.9	263.8	30.6	135.2
Common stocks.....	3.4	32.3		12.3	19.6	88.6	.5	2.0
Canadian.....					30.0			79.5
Other foreign.....		1.6	1.2					
Canadian Government.....	40.0	60.0	50.0	116.0	48.0	85.0	40.0	8.3
Other foreign government.....			10.0		78.5	134.0		
Farm-loan and government agencies...	92.5	28.3	316.6	987.0	353.3	280.7	865.2	1,537.1
State and municipal:								
Domestic <sup>1</sup> .....	87.0	37.1	186.5	365.2	382.4	190.7	129.1	188.8
U. S. Territories and possessions...				8.2	1.8	1.6	2.6	1.5
<b>CORPORATE ISSUES, NEW CAPITAL</b>								
Total.....	325.4	160.7	178.3	403.6	1,215.0	1,225.0	872.0	371.2
Railroads.....	13.1	12.0	72.7	72.3	267.4	231.7	16.0	85.0
Public utilities.....	274.4	34.2	49.4	83.6	123.7	153.3	272.8	53.3
Iron, steel, coal, copper, etc.....	3.5	3.4	.6	112.9	149.0	130.6	157.0	20.3
Equipment manufacturers.....					11.6	3.7		
Motors and accessories.....		.9		14.4	13.2	18.5		2.7
Other industrial and manufacturing...	10.9	106.2	23.8	76.0	236.4	330.2	142.0	108.4
Oil.....		1.8	1.0	10.3	52.8	194.3	224.1	56.6
Land, buildings, etc.....	8.1	.9	.4	2.0	12.0	10.1	6.3	4.6
Rubber.....	2.2		.5		9.5	3.3	37.2	.2
Shipping.....					.6		.5	
Inv. trusts, trading, holding, etc.....	1.2	1.1	18.8	2.0	12.9	.3	4.1	2.0
Miscellaneous.....	12.0	.3	11.0	29.6	325.9	148.9	12.1	33.2

<sup>1</sup> These figures do not include funds obtained by States and municipalities from any agencies of the Federal Government.

Source: Commercial and Financial Chronicle.

No. 344.—FOREIGN CAPITAL ISSUES (GOVERNMENTAL AND CORPORATE)  
PUBLICLY OFFERED IN THE UNITED STATES: 1916 TO 1939

[Amounts in thousands of dollars]

YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans <sup>1</sup>	Estimated new nominal capital	YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans <sup>1</sup>	Estimated new nominal capital
1916	102	1,159,601	3,700	1,155,901	1928	221	1,489,362	238,410	1,250,951
1917	66	720,297	37,650	682,647	1929	148	705,768	34,537	671,231
1918	28	23,465	2,600	20,865	1930	121	1,087,660	182,227	905,333
1919	65	771,045	379,287	391,757	1931	41	285,200	56,365	228,835
1920	104	602,938	105,500	497,438	1932	7	87,885	58,530	29,355
1921	116	692,413	60,105	623,308	1933	8	72,275	60,001	12,183
1922	152	863,048	99,421	763,627	1934	2	9,387	9,387	—
1923	76	497,597	77,000	420,597	1935	11	73,938	9,058	64,030
1924	120	1,217,218	247,994	969,224	1936	15	142,272	147,668	—5,886
1925	164	1,316,166	239,700	1,076,466	1937	9	168,061	150,200	12,851
1926	230	1,288,459	162,978	1,125,481	1938	7	68,073	27,625	35,448
1927	265	1,577,414	240,654	1,336,760	1939	12	83,391	47,600	35,791

<sup>1</sup> As a result of previous repatriations and purchases by investors of other countries these figures include, especially for recent years, substantial amounts of bonds not held in the United States at the time of their redemption.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce, Balance of International Payments of the United States.

No. 345.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES:  
1857 TO 1939

NOTE.—Series revised beginning 1933 to exclude real estate and financial companies. These revisions bring the failure record more nearly in accordance with the type of concerns covered by "Total number of concerns in business," in which no changes were made

YEAR OR YEARLY AVERAGE	Total number of concerns in business	Number of failures	Current liabilities (1,000 dollars)	Average liability	YEAR	Total number of concerns in business	Number of failures	Current liabilities (1,000 dollars)	Average liability
1857-1860		4,185	132,925	\$31,782	1906	1,302,049	10,682	119,202	\$11,159
1861-1865		2,038	62,873	25,944	1907	1,418,075	11,725	107,386	16,835
1866-1870		2,648	75,438	28,508	1908	1,447,554	15,690	222,318	14,169
1871-1875		6,147	158,221	30,738	1909	1,436,389	12,924	154,340	11,942
1876		5,830	155,239	26,628	1910	1,515,143	12,652	201,757	15,947
1875		7,740	201,060	25,977	1911	1,525,024	13,441	191,062	14,215
1876		9,092	191,118	21,020	1912	1,584,270	15,452	205,118	13,145
1877		8,872	190,470	21,491	1913	1,616,517	16,037	272,673	17,008
1878		10,478	234,383	22,369	1914	1,655,496	18,280	357,909	19,579
1879	792,157	6,058	98,140	14,742	1915	1,674,788	22,156	302,286	13,644
1880	746,823	4,735	65,752	13,886	1916	1,707,639	16,993	196,212	11,547
1881	781,689	5,582	81,156	14,539	1917	1,733,225	18,855	182,441	13,168
1882	822,256	6,738	101,548	15,071	1918	1,708,061	9,982	165,020	16,331
1883	863,993	9,184	172,874	18,823	1919	1,710,909	6,451	113,201	17,562
1884	904,759	10,968	228,343	20,637	1920	1,821,409	8,881	205,121	33,231
1885	919,990	10,637	134,220	12,618	1921	1,927,304	10,652	627,401	31,926
1886	960,841	9,834	114,644	11,668	1922	1,983,106	23,676	623,805	26,351
1887	994,281	9,634	167,551	17,393	1923	1,906,004	18,718	539,387	28,816
1888	1,046,002	10,670	123,832	11,606	1924	2,047,302	20,615	543,226	26,351
1889	1,051,140	10,882	148,784	13,672	1925	2,113,312	21,214	443,744	20,918
1890	1,110,690	10,907	189,857	17,407	1926	2,158,457	21,773	409,233	18,795
1891	1,142,951	12,273	189,869	15,470	1927	2,171,688	23,146	520,105	22,471
1892	1,172,705	10,344	114,044	11,025	1928	2,199,049	23,842	489,559	20,533
1893	1,193,118	15,242	346,780	22,752	1929	2,212,779	22,900	483,252	21,094
1894	1,114,174	13,855	172,903	12,459	1930	2,183,008	26,355	668,282	25,357
1895	1,209,282	13,197	173,196	13,124	1931	2,125,288	28,285	736,310	26,032
1896	1,151,570	15,088	226,101	14,985	1932	2,076,580	31,222	928,313	29,172
1897	1,058,521	13,351	154,933	11,566	1933 <sup>1</sup>	1,960,701	20,807	602,330	24,761
1898	1,105,830	12,186	130,063	10,722	1933 <sup>1</sup>	1,960,701	19,859	457,520	23,098
1899	1,147,595	9,337	93,681	9,738	1934	1,973,900	12,091	333,959	27,620
1900	1,174,300	10,774	138,496	12,855	1935	1,982,905	12,244	310,580	25,306
1901	1,219,242	11,002	113,091	10,279	1936	2,009,935	9,607	263,178	21,148
1902	1,253,172	11,615	117,477	10,114	1937	2,056,598	9,430	182,553	19,310
1903	1,281,481	12,069	155,444	12,880	1938	2,101,933	12,806	246,505	19,204
1904	1,320,172	12,199	144,202	11,823	1939	2,116,008	11,408	168,264	14,744
1905	1,357,455	11,520	102,676	8,913	1939 <sup>2</sup>	2,116,008	14,768	182,520	12,359

<sup>1</sup> See headnote regarding revisions. Figures for 1933 in italics are on the old basis and are comparable with figures for earlier years; other figures for 1933 and those for subsequent years are the revised series.

<sup>2</sup> New series includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims, in addition to failures included in former series.

Source: Dun and Bradstreet, Inc. Monthly data published currently in Dun's Review.

No. 346.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY MONTHS: 1936 TO 1940

NOTE.—Liabilities in thousands of dollars. Current liabilities include all accounts and notes payable and all obligations, whether in secured form or not, known to be held by banks, officers, affiliated companies, supplying companies, or the Government. Deferred liabilities (the difference between current, as defined above, and the total) are therefore long-term obligations held by the public

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Number:</b>												
1936	1,126	919	986	865	874	818	669	677	609	642	713	709
1937	841	755	861	818	875	703	651	736	584	815	842	1,009
1938	1,377	1,149	1,167	1,172	1,123	1,073	1,038	1,015	866	997	984	876
1939	1,263	963	1,057	1,064	1,028	847	885	859	758	916	886	885
1939 (new series) <sup>1</sup>	1,567	1,202	1,322	1,331	1,334	1,119	1,153	1,126	1,043	1,234	1,184	1,153
1940 (new series) <sup>1</sup>	1,237	1,042	1,197	1,201	1,238	1,114						
<b>Current liabilities:</b>												
1936	21,413	22,494	20,046	20,757	20,505	21,395	14,318	10,034	12,906	9,051	16,069	13,291
1937	12,003	14,004	22,591	12,893	13,088	12,829	12,780	14,950	9,818	14,079	16,400	27,818
1938	21,415	21,028	40,325	21,147	19,139	15,918	14,761	16,382	14,341	13,219	12,302	36,528
1939	19,122	12,788	17,851	17,435	14,664	11,460	14,128	11,250	9,402	16,140	11,877	12,078
1939 (new series) <sup>1</sup>	20,790	13,582	19,002	18,570	15,897	12,581	14,999	12,637	10,545	17,464	13,201	13,243
1940 (new series) <sup>1</sup>	15,279	13,472	11,681	15,247	13,068	13,734						
<b>Total liabilities:</b>												
1936	24,522	23,413	23,273	24,472	25,963	24,790	35,011	10,584	15,074	12,374	19,022	14,452
1937	14,992	22,887	78,878	13,628	14,965	16,737	13,955	19,473	11,308	15,381	17,709	36,963
1938	27,162	25,501	80,373	29,355	19,831	16,892	15,008	17,252	15,183	16,900	17,281	54,736
1939	23,192	12,795	18,104	20,693	19,501	11,616	22,763	11,714	10,586	16,795	13,550	13,769
1939 (new series) <sup>1</sup>	24,860	13,589	19,315	21,837	20,734	12,737	23,634	13,092	11,729	18,119	14,874	14,034
1940 (new series) <sup>1</sup>	15,805	13,600	12,130	17,114	13,437	25,101						

<sup>1</sup> Includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims, in addition to failures included in former series.

No. 347.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRIAL GROUPS AND SIZE OF LIABILITIES: 1938 AND 1939

[Liabilities in thousands of dollars. See headnote, table 346]

INDUSTRIAL GROUP AND SIZE OF LIABILITIES	1938				1939			
	Number	Per cent	Current liabilities	Total liabilities	Number	Per cent	Current liabilities	Total liabilities
<b>Total</b>	12,836	100.0	246,505	335,534	11,408	100.0	168,204	195,138
Under \$5,000	5,131	40.0	12,949	12,949	4,075	41.0	12,088	12,088
\$5,000 to \$25,000	6,026	46.9	64,023	64,023	5,388	47.2	55,164	55,164
\$25,000 to \$100,000	1,396	10.9	63,148	63,148	1,118	9.8	51,295	51,295
\$100,000 to \$1,000,000	263	2.0	54,355	63,021	213	1.9	39,355	45,602
\$1,000,000 and over	20	.2	52,030	132,393	14	.1	10,302	30,939
<b>Manufacturing</b>	2,428	100.0	98,251	158,011	2,187	100.0	66,895	79,624
Under \$5,000	534	22.0	1,395	1,395	494	22.8	1,341	1,341
\$5,000 to \$25,000	1,237	50.9	14,424	14,424	1,134	52.3	12,198	12,198
\$25,000 to \$100,000	488	20.1	23,555	23,555	395	18.2	19,092	19,092
\$100,000 to \$1,000,000	157	6.5	30,071	42,242	134	6.2	26,012	29,735
\$1,000,000 and over	12	.5	22,806	76,395	10	.5	8,252	17,258
<b>Wholesale trade</b>	1,289	100.0	49,732	69,397	1,266	100.0	22,352	31,002
Under \$5,000	302	23.4	806	806	328	26.1	912	912
\$5,000 to \$25,000	709	55.0	8,323	8,323	702	55.9	7,622	7,622
\$25,000 to \$100,000	237	18.4	10,762	10,762	196	15.6	8,580	8,580
\$100,000 to \$1,000,000	39	3.0	6,451	6,982	28	2.2	4,547	5,286
\$1,000,000 and over	2	.2	23,400	39,534	2	.2	691	8,602
<b>Retail trade</b>	7,925	100.0	78,528	77,919	6,925	100.0	69,714	60,051
Under \$5,000	3,856	48.7	9,635	9,635	3,451	49.8	8,805	8,805
\$5,000 to \$25,000	3,505	44.2	34,877	34,877	3,062	44.2	29,973	29,973
\$25,000 to \$100,000	618	6.5	21,572	21,572	385	5.6	16,143	16,143
\$100,000 to \$1,000,000	44	.6	7,707	8,801	27	.4	4,793	5,130
\$1,000,000 and over	2	(1)	2,937	3,234				
<b>Construction</b>	625	100.0	10,081	10,081	582	100.0	10,808	10,808
Under \$5,000	234	37.4	623	623	220	37.8	569	569
\$5,000 to \$25,000	296	47.4	3,442	3,442	265	45.6	2,901	2,901
\$25,000 to \$100,000	80	13.8	4,313	4,313	84	14.4	4,690	4,690
\$100,000 to \$1,000,000	9	1.4	1,703	1,703	13	2.2	2,646	2,646
\$1,000,000 and over								
<b>Commercial service</b>	569	100.0	11,913	23,128	478	100.0	8,437	13,655
Under \$5,000	205	36.0	490	490	132	38.1	461	461
\$5,000 to \$25,000	279	49.0	3,157	3,157	225	47.1	2,470	2,470
\$25,000 to \$100,000	67	11.8	2,956	2,956	58	12.1	2,790	2,790
\$100,000 to \$1,000,000	14	2.5	2,423	3,203	11	2.3	1,357	2,805
\$1,000,000 and over	4	.7	2,887	13,230	2	.4	1,359	5,129

<sup>1</sup> Less than one-tenth of 1 percent.

Source of tables 346 and 347: Dun and Bradstreet, Inc., New York City. Monthly data published currently in Dun's Review.

No. 348.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES,  
 BY INDUSTRIAL GROUPS AND INDUSTRIES: 1938 AND 1939

INDUSTRIAL GROUP	NUMBER			CURRENT LIABILITIES (THOUSANDS OF DOLLARS)			AVERAGE LIABILITY (DOLLARS)		
	1938	1939	1939 <sup>1</sup>	1938	1939	1939 <sup>1</sup>	1938	1939	1939 <sup>1</sup>
Grand total.....	12, 836	11, 408	14, 788	246, 505	188, 204	182, 520	19, 204	14, 744	12, 359
Manufacturing.....	2, 438	2, 187	2, 919	98, 251	88, 895	71, 152	40, 466	30, 870	24, 375
Foods.....	445	525	636	15, 216	19, 438	10, 933	34, 413	37, 025	31, 341
Textiles.....	597	444	668	18, 818	10, 125	11, 615	28, 171	22, 804	17, 388
Forest products.....	210	188	235	6, 417	5, 291	5, 463	30, 557	28, 144	23, 247
Paper, printing, publishing.....	186	166	252	8, 875	3, 621	4, 170	35, 887	21, 813	16, 548
Chemicals and drugs.....	98	80	105	2, 126	1, 067	1, 200	21, 694	13, 338	11, 429
Fuels.....	48	58	60	19, 504	5, 383	5, 390	400, 333	92, 810	89, 833
Leather and leather products.....	80	89	125	2, 016	3, 774	4, 021	25, 200	42, 404	32, 168
Stone, clay, and glass products.....	32	70	81	3, 783	1, 043	1, 999	46, 134	27, 757	24, 679
Iron and steel.....	142	113	137	8, 016	3, 786	3, 014	60, 676	33, 604	28, 569
Machinery.....	156	130	159	6, 084	5, 918	6, 204	39, 000	45, 523	39, 019
Transportation equipment.....	57	31	39	3, 403	1, 233	1, 273	59, 702	39, 774	32, 641
Miscellaneous.....	327	273	422	7, 493	5, 316	5, 970	22, 914	19, 473	14, 147
Wholesale trade.....	1, 289	1, 256	1, 534	49, 732	22, 352	23, 942	38, 582	17, 799	15, 608
Farm products, food, groceries.....	467	478	570	8, 420	8, 961	9, 280	18, 030	18, 747	16, 281
Clothing and furnishings.....	105	80	95	1, 789	952	1, 039	17, 038	11, 900	10, 937
Dry goods and textiles.....	52	38	66	1, 268	714	981	24, 192	18, 789	14, 864
Lumber, building materials, hardware.....	100	106	131	4, 451	2, 585	2, 837	44, 510	24, 387	21, 656
Chemicals and drugs.....	46	53	67	22, 602	794	883	489, 174	14, 981	13, 179
Fuels.....	31	27	29	1, 954	643	656	69, 355	23, 815	22, 621
Automotive products.....	98	74	82	1, 744	932	969	18, 167	12, 595	11, 817
Supply houses.....	106	91	114	1, 578	1, 144	1, 237	14, 611	12, 571	10, 851
All other.....	284	309	380	6, 336	5, 627	6, 050	22, 310	18, 210	15, 947
Retail trade.....	7, 925	8, 925	9, 050	76, 528	59, 714	67, 378	9, 657	8, 823	7, 445
Foods.....	2, 066	1, 909	2, 555	11, 387	11, 012	12, 748	5, 512	5, 768	4, 989
Farm supplies, general stores.....	287	266	294	2, 474	2, 029	2, 100	8, 620	7, 628	7, 143
General merchandise.....	401	360	394	4, 333	3, 750	3, 948	10, 805	10, 417	10, 020
Apparel.....	1, 807	1, 608	1, 890	10, 866	11, 058	13, 535	9, 334	7, 930	7, 188
Furniture and house furnishings.....	610	480	551	10, 043	4, 708	5, 014	16, 464	9, 808	9, 100
Lumber, building materials, hardware.....	406	381	430	4, 655	5, 033	5, 260	11, 468	13, 210	12, 233
Automotive products.....	659	477	623	10, 485	5, 824	6, 085	15, 910	12, 210	9, 767
Restaurants.....	699	663	1, 229	7, 693	6, 937	9, 324	11, 006	10, 463	7, 587
Drugs.....	460	440	539	3, 812	3, 334	4, 340	8, 287	8, 041	8, 069
All other.....	590	441	545	4, 780	4, 529	4, 065	9, 019	10, 270	9, 110
Construction.....	625	582	646	10, 081	10, 806	11, 031	18, 130	18, 567	17, 076
General contractors.....	78	76	85	1, 376	2, 627	2, 671	17, 641	34, 566	31, 424
Carpenters and builders.....	180	150	161	4, 274	3, 550	3, 613	23, 744	23, 667	22, 441
Building subcontractors.....	345	336	379	3, 518	3, 856	3, 973	10, 197	11, 476	10, 483
Other contractors.....	22	20	21	913	773	774	41, 500	38, 050	36, 857
Commercial service.....	569	478	619	11, 913	8, 437	9, 017	20, 937	17, 651	14, 567
Cleaners, dyers, and tailors.....	123	100	127	1, 309	1, 180	1, 247	10, 227	11, 800	9, 819
Haulers, busses, taxis, etc.....	148	119	144	3, 200	2, 131	2, 302	21, 622	17, 908	15, 986
Hotels.....	46	39	43	3, 856	2, 099	2, 119	83, 826	53, 821	49, 279
Laundries.....	52	48	64	1, 622	1, 163	1, 261	31, 192	24, 229	19, 703
Undertakers.....	51	30	33	473	213	216	9, 275	7, 100	6, 545
All other.....	144	142	208	1, 453	1, 661	1, 872	10, 090	11, 627	9, 000

<sup>1</sup> New series includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims, in addition to failures included in former series.

Source: Dun and Bradstreet, Inc., New York City. Monthly data published currently in Dun's Review.

No. 349.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES,  
 BY STATES: 1938 AND 1939

DIVISION AND STATE	NUMBER OF CONCERNS IN BUSINESS		FAILURES				CURRENT LIABILITIES (THOUSANDS OF DOLLARS)	
	1938	1939	Number		Percent		1938	1939
			1938	1939	1938	1939		
United States.....	2, 101, 933	2, 116, 008	12, 836	11, 408	0. 61	0. 54	246, 505	185, 204
New England.....	155, 866	155, 421	1, 291	1, 018	. 83	. 65	42, 069	16, 583
Maine.....	14, 897	15, 048	115	93	. 77	. 62	2, 502	1, 101
New Hampshire.....	9, 677	10, 077	67	50	. 69	. 50	813	770
Vermont.....	6, 805	6, 957	29	21	. 43	. 30	375	270
Massachusetts.....	81, 290	79, 204	552	498	. 68	. 63	11, 429	10, 711
Rhode Island.....	12, 284	12, 509	137	92	1. 12	. 74	1, 145	757
Connecticut.....	30, 944	31, 626	301	204	1. 26	. 83	20, 045	2, 974
Middle Atlantic.....	504, 235	502, 764	4, 620	4, 182	. 92	. 82	101, 147	64, 007
New York.....	253, 007	253, 623	2, 938	2, 783	1. 16	1. 10	53, 107	40, 302
New Jersey.....	85, 509	82, 529	700	559	. 82	. 68	12, 561	8, 111
Pennsylvania.....	165, 719	160, 602	982	790	. 59	. 47	35, 479	15, 594
East North Central.....	447, 163	455, 222	2, 518	2, 259	. 66	. 50	44, 730	35, 362
Ohio.....	114, 131	113, 527	632	490	. 55	. 43	9, 807	7, 410
Indiana.....	68, 392	68, 476	178	108	. 30	. 29	2, 282	3, 255
Michigan.....	141, 821	146, 731	922	911	. 65	. 62	18, 545	14, 093
Wisconsin.....	72, 458	74, 321	474	356	. 66	. 52	9, 495	6, 402
West North Central.....	60, 361	62, 167	310	305	. 51	. 49	4, 687	4, 196
Minnesota.....	250, 965	251, 703	699	647	. 26	. 26	9, 482	7, 558
Illinois.....	49, 152	50, 283	128	132	. 20	. 26	2, 300	1, 394
Iowa.....	48, 252	47, 853	114	85	. 24	. 18	965	871
Missouri.....	66, 702	66, 204	257	208	. 38	. 31	3, 737	3, 852
North Dakota.....	10, 694	10, 755	9	19	. 08	. 18	112	185
South Dakota.....	12, 121	12, 067	18	24	. 15	. 20	209	183
Nebraska.....	27, 445	27, 008	95	114	. 35	. 42	1, 172	631
Kansas.....	36, 439	37, 500	78	70	. 21	. 19	927	547
South Atlantic.....	203, 202	204, 039	1, 036	936	. 51	. 45	12, 664	12, 035
Delaware.....	4, 692	4, 850	39	8	. 17	. 16	72	53
Maryland.....	29, 498	29, 185	145	147	. 40	. 50	1, 958	1, 583
Dist. of Columbia.....	9, 208	9, 717	64	46	. 70	. 47	814	719
Virginia.....	30, 064	31, 273	205	172	. 67	. 55	2, 605	1, 500
West Virginia.....	21, 536	21, 351	116	81	. 54	. 38	766	2, 145
South Carolina.....	33, 005	33, 852	140	111	. 42	. 33	2, 123	1, 400
North Carolina.....	15, 181	15, 448	49	49	. 32	. 32	764	300
Georgia.....	29, 428	29, 698	170	168	. 58	. 56	1, 438	2, 268
Florida.....	29, 880	30, 679	138	155	. 46	. 51	2, 124	2, 117
East South Central.....	103, 569	105, 178	503	361	. 49	. 34	7, 260	4, 487
Kentucky.....	32, 909	33, 677	130	85	. 40	. 25	3, 410	1, 366
Tennessee.....	29, 500	30, 060	155	114	. 52	. 38	1, 573	844
Alabama.....	22, 200	22, 770	120	84	. 54	. 38	1, 443	1, 462
Mississippi.....	18, 900	19, 139	98	78	. 52	. 41	864	815
West South Central.....	182, 002	181, 441	898	590	. 28	. 33	5, 792	7, 208
Arkansas.....	21, 974	21, 684	97	85	. 44	. 39	960	589
Louisiana.....	26, 124	26, 728	61	44	. 23	. 16	820	979
Oklahoma.....	34, 077	34, 818	153	172	. 45	. 40	1, 562	1, 952
Texas.....	96, 827	95, 215	225	289	. 23	. 20	2, 441	3, 686
Mountain.....	64, 866	66, 702	333	290	. 52	. 43	4, 605	3, 855
Montana.....	9, 299	9, 589	20	15	. 22	. 16	156	163
Idaho.....	7, 826	8, 043	60	36	. 64	. 45	946	217
Wyoming.....	4, 340	4, 521	16	1	. 07	. 02	69	2
Colorado.....	19, 937	20, 834	104	130	. 52	. 62	1, 514	1, 596
New Mexico.....	7, 203	7, 406	21	27	. 29	. 36	239	490
Arizona.....	5, 855	6, 174	18	22	. 31	. 36	299	504
Utah.....	7, 746	7, 965	94	42	1. 21	. 53	1, 355	539
Nevada.....	2, 041	2, 170	10	17	. 49	. 78	627	344
Pacific.....	190, 775	191, 550	1, 303	1, 176	. 68	. 61	17, 820	17, 051
Washington.....	35, 113	35, 663	232	208	. 66	. 58	2, 601	3, 497
Oregon.....	21, 955	22, 863	194	164	. 88	. 72	1, 811	1, 594
California.....	133, 707	133, 024	877	804	. 66	. 60	13, 408	11, 960

Source: Dun and Bradstreet, Inc., New York City. Monthly data published currently in Dun's Statistical Review.



## 12. INCOME, EXPENDITURES, AND DEBT

[Data in this section relate to continental United States]

### No. 350.—NATIONAL INCOME AND INCOME PAID OUT: 1929 TO 1939

**NOTE.**—National income produced is net value of commodities produced and services rendered (gross value less expenditures for materials and interindustry services—such as transportation and communication—used in productive processes, for taxes, and for depreciation of capital equipment). Income paid out is amount actually distributed to individuals as salaries, wages, interest, dividends, entrepreneurial withdrawals, and net rents and royalties. Imputed income from ownership of durable goods (including owned homes), imputed value of services of members of family, earnings from odd jobs, direct relief and charity, earnings from illegal pursuits, and changes in value of assets not derived by groups professionally engaged in handling of assets are not included either in income produced or in income paid out. Business savings (positive or negative) represent difference between income produced and income paid out

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
AMOUNT (millions of dollars)											
National income.....	62,885	68,901	54,310	40,074	42,430	50,347	55,870	65,165	71,172	63,610	69,378
Business savings.....	2,274	-5,310	-8,506	-9,215	-3,035	-1,441	-26	1,014	910	-1,397	778
Corporate savings.....	1,250	-3,010	-5,893	-6,374	-2,818	-2,172	-1,264	-873	-800	-2,140	-277
Business savings of entrepreneurs.....	1,024	-1,400	-2,613	-2,841	-267	781	1,238	1,887	1,710	743	1,055
Income paid out.....	80,611	74,211	62,810	49,289	45,515	51,788	55,896	64,151	70,262	65,007	68,600
PERCENTAGES OF 1929											
National income.....	100.0	83.1	65.5	48.3	51.2	60.7	67.4	78.6	85.0	76.7	83.7
Income paid out.....	100.0	92.1	77.9	61.1	55.5	64.2	69.3	79.6	87.2	80.6	85.1
Cost of living index <sup>1</sup> .....	100.0	97.5	89.1	80.2	76.2	79.1	81.1	82.1	84.7	83.4	82.6
Wholesale price index <sup>1</sup> .....	100.0	90.7	76.0	68.0	69.2	78.0	83.9	84.8	90.6	82.5	80.9

<sup>1</sup> Bureau of Labor Statistics.

### No. 351.—INCOME PAID OUT, BY TYPES OF PAYMENT: 1929 TO 1939

	AMOUNT (MILLIONS OF DOLLARS)										
	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Income paid out, total.....	80,611	74,211	62,810	49,289	45,515	51,788	55,896	64,151	70,262	65,007	68,600
Compensation of employees, total.....	52,776	47,919	40,362	31,516	29,592	34,247	37,239	42,703	47,542	44,301	46,768
Salaries (selected industries) <sup>1</sup> .....	6,153	5,959	4,928	3,588	3,260	3,760	4,032	4,370	4,881	4,536	4,652
Wages (selected industries) <sup>1</sup> .....	14,915	12,332	9,371	6,482	6,783	8,515	9,666	11,166	13,068	10,232	11,630
Salaries and wages (all other industries).....	31,276	29,178	25,558	20,833	18,485	20,110	21,699	23,962	26,260	25,655	26,704
Work-relief wages <sup>2</sup> .....			59	132	640	1,430	1,339	2,383	1,783	2,145	1,869
Social Security contributions of employers.....							3	7	299	950	1,199
Other labor income.....	432	450	446	431	415	420	496	523	600	614	627
Dividends and interest, total.....	11,851	11,715	10,270	8,393	7,351	7,937	8,055	9,721	9,794	8,258	8,956
Dividends.....	5,945	5,634	4,280	2,727	2,193	2,725	2,931	4,651	4,752	3,370	4,124
Interest.....	5,906	6,081	5,990	5,666	5,158	5,212	5,124	5,070	5,042	4,888	4,832
Entrepreneurial withdrawals.....	12,620	11,903	10,148	8,150	7,364	8,149	8,911	9,818	10,813	10,473	10,826
Net rents and royalties.....	3,364	2,674	2,036	1,224	1,208	1,455	1,691	1,909	2,113	1,975	2,050

<sup>1</sup> Includes mining, manufacturing, steam railroads, Pullman, railway express, and water transportation.  
<sup>2</sup> Includes pay roll and maintenance of Civilian Conservation Corps enrollees and pay rolls of Civil Works Administration, Federal Emergency Relief Administration, and the Federal Works Program projects plus administrative pay rolls outside Washington, D. C., for all except the Federal Works Program. Area office employees and their pay rolls under the Federal Works Program are included with the regular Federal Government employment and pay roll figures.

Source of tables 350 and 351: Department of Commerce, Bureau of Foreign and Domestic Commerce. Annual and current figures are published in "Survey of Current Business" and reprints.

No. 352.—NATIONAL INCOME, BY INDUSTRIAL DIVISIONS: 1929 TO 1939

[In millions of dollars]

	1929	1930	1931	1932	1933	1934 <sup>1</sup>	1935	1936	1937	1938	1939
National income.....	82,885	68,801	64,310	40,074	42,430	50,347	55,870	65,165	71,172	63,610	69,378
Agriculture.....	7,258	5,622	3,729	2,551	3,419	4,553	5,276	5,970	6,378	5,432	5,635
Mining.....	1,883	1,327	748	524	590	991	1,028	1,299	1,530	1,072	1,232
Electric light and power and gas.....	1,425	1,324	1,240	1,096	1,026	1,127	1,152	1,233	1,380	1,365	1,384
Manufacturing.....	20,308	14,957	10,194	6,009	8,162	10,510	12,402	14,978	16,994	12,369	15,425
Contract construction.....	3,670	2,769	1,862	906	581	735	964	1,570	1,902	1,749	2,148
Transportation.....	7,108	6,155	4,946	3,022	3,587	3,817	4,133	4,795	5,088	4,261	4,800
Communication.....	1,047	1,011	907	722	640	679	723	770	839	808	863
Trade.....	11,314	9,245	7,415	5,290	6,031	6,971	7,608	8,518	9,131	8,593	9,135
Finance.....	8,915	7,836	6,441	4,895	4,318	4,630	5,131	5,749	6,189	5,837	5,983
Government, including work-program wages.....	6,330	6,438	6,518	6,487	6,563	7,632	7,923	9,446	9,153	9,846	9,884
Government, excluding work-program wages.....	6,330	6,438	6,459	6,855	5,017	6,202	6,584	7,068	7,370	7,701	8,015
Work-program wages.....		59	132	646	1,430	1,339	2,383	1,783	2,145	1,869	
Service.....	9,615	8,725	7,343	5,579	5,321	6,181	6,823	7,643	8,477	8,067	8,374
Miscellaneous.....	4,012	3,472	2,967	2,393	2,192	2,518	2,656	2,897	3,161	3,102	3,319
Social security contribution of employers.....						3	7	269	950	1,119	1,196

<sup>1</sup> Data on dividends, interest, and corporate savings by industrial divisions for 1934 and for subsequent years are based on a different industrial classification than are the estimates of these items for earlier years because of a change in the Revenue Act of 1934. Special tabulations of the Bureau of Internal Revenue permitted the making of estimates for 1934 on the earlier basis. For specific items in certain industries the variations are substantial, but for total income the changes were small. The 2 estimates were averaged in compiling this table.

No. 353.—NUMBER OF EMPLOYEES AND THE PER CAPITA INCOME OF EMPLOYEES:<sup>1</sup> 1929 TO 1939

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
NUMBER OF EMPLOYEES (thousands)											
All employees.....	35,563	33,122	29,715	26,222	26,133	28,402	29,725	31,858	33,768	31,239	32,419
Salaried employees (selected industries) <sup>2</sup> .....	2,478	2,373	2,050	1,603	1,634	1,831	1,922	2,068	2,206	2,064	2,100
Wage earners (selected industries) <sup>2</sup> .....	10,964	9,649	8,155	6,877	7,430	8,553	9,021	9,765	10,618	8,832	9,404
Salaried employees or wage earners (all other industries).....	22,121	21,100	19,510	17,652	17,069	18,018	18,782	20,025	20,944	20,343	20,915
PER CAPITA INCOME OF EMPLOYEES											
All employees.....	\$1,472	\$1,433	\$1,341	\$1,180	\$1,092	\$1,140	\$1,191	\$1,240	\$1,309	\$1,284	\$1,329
Salaried employees (selected industries) <sup>2</sup> .....	2,433	2,511	2,404	2,119	1,995	2,054	2,098	2,113	2,213	2,198	2,215
Wage earners (selected industries) <sup>2</sup> .....	1,360	1,278	1,149	943	913	996	1,071	1,143	1,231	1,159	1,237
Salaried employees or wage earners (all other industries).....	1,414	1,383	1,310	1,183	1,083	1,116	1,155	1,197	1,254	1,261	1,281

<sup>1</sup> Averages for the calendar year. The numbers represent in some industries a full-time equivalent. Unpaid family farm labor and work-relief employees have not been included.

<sup>2</sup> Includes mining, manufacturing, steam railroads, Pullman, railway express, and water transportation.

Source of tables 352 and 353: Department of Commerce, Bureau of Foreign and Domestic Commerce. Annual and current figures are published in "Survey of Current Business" and reprints.

### No. 354.—CONSUMER INCOMES—DISTRIBUTION OF FAMILIES AND SINGLE INDIVIDUALS AND OF AGGREGATE INCOME RECEIVED, BY INCOME LEVEL: 1935-36

NOTE.—These figures are estimates based primarily on sample data collected in the Study of Consumer Purchases, a Works Progress Administration project conducted by the Bureau of Home Economics and the Bureau of Labor Statistics in cooperation with the National Resources Committee and the Central Statistical Board. Findings of that study were supplemented by income tax statistics and by other sample data on family and individual incomes

INCOME LEVEL	FAMILIES AND SINGLE INDIVIDUALS, TOTAL			FAMILIES			SINGLE INDIVIDUALS		
	Number or amount	Per cent at each level	Cumulative per cent	Number or amount	Per cent at each level	Cumulative per cent	Number or amount	Per cent at each level	Cumulative per cent
Number of units									
All levels.....	39,468,300	100.00	-----	29,400,300	100.00	-----	10,068,000	100.00	-----
Under \$250.....	2,123,534	5.38	5.38	1,162,890	3.95	3.95	900,644	9.05	9.55
\$250-\$500.....	4,587,377	11.63	17.01	3,015,394	10.26	14.21	1,571,983	15.63	25.18
\$500-\$750.....	5,771,960	14.63	31.64	3,799,215	12.92	27.13	1,972,745	19.62	44.80
\$750-\$1,000.....	6,876,078	14.90	46.54	4,277,048	14.55	41.68	2,599,030	25.91	60.71
\$1,000-\$1,250.....	4,990,095	12.65	59.19	3,882,444	13.20	54.88	1,108,551	11.02	71.73
\$1,250-\$1,500.....	3,743,428	9.49	68.68	2,865,472	9.75	64.63	877,956	8.73	80.46
\$1,500-\$1,750.....	2,889,004	7.32	76.00	2,343,358	7.97	72.60	545,646	5.45	85.89
\$1,750-\$2,000.....	2,206,022	5.62	81.82	1,897,037	6.45	79.05	308,985	3.07	89.86
\$2,000-\$2,250.....	1,704,585	4.32	86.14	1,420,883	4.83	83.88	283,662	2.82	92.68
\$2,250-\$2,500.....	1,254,070	3.18	89.32	1,043,977	3.55	87.43	210,093	2.09	94.77
\$2,500-\$3,000.....	1,475,474	3.74	93.06	1,314,199	4.47	91.90	161,275	1.60	96.37
\$3,000-\$3,500.....	851,919	2.16	95.22	743,559	2.53	94.43	108,360	1.08	97.45
\$3,500-\$4,000.....	502,150	1.27	96.49	438,428	1.49	95.92	63,731	.63	98.08
\$4,000-\$4,500.....	283,053	.72	97.21	240,948	.85	96.77	42,105	.42	98.44
\$4,500-\$5,000.....	178,138	.45	97.66	152,047	.52	97.29	25,491	.25	98.69
\$5,000-\$7,500.....	380,266	.96	98.62	322,050	1.10	98.39	57,316	.57	99.26
\$7,500-\$10,000.....	215,642	.55	99.17	187,000	.64	99.03	28,582	.28	99.54
\$10,000-\$15,000.....	152,632	.39	99.56	131,821	.45	99.48	20,811	.21	99.75
\$15,000-\$20,000.....	87,923	.22	99.78	68,487	.23	99.68	9,436	.09	99.84
\$20,000-\$25,000.....	39,825	.10	99.83	34,208	.12	99.80	5,517	.05	99.90
\$25,000-\$30,000.....	25,883	.06	99.89	22,233	.08	99.88	3,550	.03	99.93
\$30,000-\$40,000.....	17,959	.05	99.94	15,501	.05	99.93	2,398	.02	99.95
\$40,000-\$50,000.....	8,343	.02	99.96	6,603	.02	99.95	1,737	.02	99.97
\$50,000-\$100,000.....	13,041	.03	99.99	10,571	.04	99.99	2,470	.02	99.99
\$100,000-\$250,000.....	4,144	.01	100.00	3,336	.01	100.00	808	.01	100.00
\$250,000-\$500,000.....	516	(?)	-----	699	(?)	-----	217	(?)	-----
\$500,000-\$1,000,000.....	240	(?)	-----	197	(?)	-----	43	(?)	-----
\$1,000,000 and over.....	87	(?)	-----	75	(?)	-----	12	(?)	-----
Amount of aggregate income (in thousands of dollars)									
All levels.....	59,256,828	100.00	-----	47,679,238	100.00	-----	11,579,590	100.00	-----
Under \$250.....	294,138	0.50	0.50	135,836	0.28	0.28	158,302	1.37	1.37
\$250-\$500.....	1,797,363	2.98	3.48	1,166,509	2.45	2.73	600,854	5.19	6.56
\$500-\$750.....	3,615,653	6.10	9.58	2,384,017	5.00	7.73	1,231,636	10.63	17.19
\$750-\$1,000.....	5,129,506	8.65	18.23	3,738,014	7.84	15.57	1,391,492	12.01	29.20
\$1,000-\$1,250.....	5,589,111	9.42	27.65	4,348,429	9.12	24.69	1,240,682	10.71	39.91
\$1,250-\$1,500.....	6,109,112	8.62	36.27	3,907,765	8.20	32.89	1,201,347	10.37	50.28
\$1,500-\$1,750.....	4,690,793	7.87	44.14	3,777,670	7.92	40.81	833,223	7.63	57.91
\$1,750-\$2,000.....	4,214,203	7.11	51.25	3,468,803	7.27	48.08	745,400	6.44	64.35
\$2,000-\$2,250.....	3,602,861	6.08	57.33	3,002,082	6.30	54.38	600,779	5.19	69.54
\$2,250-\$2,500.....	2,968,932	5.01	62.34	2,471,672	5.18	59.56	497,260	4.29	73.83
\$2,500-\$3,000.....	4,004,774	6.76	69.10	3,568,024	7.48	67.04	436,160	3.77	77.60
\$3,000-\$3,500.....	2,735,487	4.62	73.72	2,385,993	5.00	72.04	349,494	3.02	80.62
\$3,500-\$4,000.....	1,853,384	3.13	76.86	1,625,887	3.41	75.45	227,497	2.05	82.67
\$4,000-\$4,500.....	1,202,826	2.04	78.89	1,048,368	2.20	77.65	154,458	1.33	84.00
\$4,500-\$5,000.....	841,760	1.42	80.31	719,447	1.51	79.16	122,313	1.08	85.08
\$5,000-\$7,500.....	2,244,406	3.79	84.10	1,900,091	3.99	83.15	344,315	2.97	88.03
\$7,500-\$10,000.....	1,847,820	3.12	87.22	1,605,632	3.37	86.52	242,188	2.09	90.12
\$10,000-\$15,000.....	1,745,925	2.96	90.17	1,498,600	3.14	89.66	250,325	2.16	92.28
\$15,000-\$20,000.....	1,174,574	1.98	92.15	1,013,604	2.13	91.79	160,970	1.39	93.67
\$20,000-\$25,000.....	880,114	1.50	93.65	762,240	1.60	93.39	126,874	1.10	94.77
\$25,000-\$30,000.....	720,268	1.22	94.87	627,567	1.32	94.71	92,701	.80	95.57
\$30,000-\$40,000.....	641,272	1.08	95.95	560,390	1.18	95.89	80,882	.70	96.27
\$40,000-\$50,000.....	393,311	.66	96.61	314,689	.66	96.55	78,622	.66	96.92
\$50,000-\$100,000.....	908,485	1.53	98.14	755,017	1.58	98.13	153,468	1.33	98.25
\$100,000-\$250,000.....	639,006	.91	99.05	440,654	.92	99.05	198,452	.85	99.10
\$250,000-\$500,000.....	264,498	.45	99.50	200,174	.42	99.47	64,324	.56	99.66
\$500,000-\$1,000,000.....	134,803	.23	99.73	110,954	.23	99.70	23,849	.21	99.87
\$1,000,000 and over.....	157,287	.27	100.00	142,650	.30	100.00	14,587	.13	100.00

<sup>1</sup> The estimates cover all consumers with the exception of 2,000,000 persons living in institutions or quasi-institutional groups. A family is defined as 2 or more persons sharing a common income and living under a common roof. Single individuals include persons lodging in rooming houses and hotels, living as lodgers or servants in private homes, or maintaining independent living quarters as 1-person families. Income includes the total net money income received during the year by all members of the economic family plus the value of certain items of nonmoney income, such as the occupancy of an owned home and food produced by rural families for their own use. The estimates apply to the 12-month period from July 1935 through June 1936.

<sup>2</sup> Less than .005 percent.

Source: National Resources Committee—Report on "Consumer Incomes in the United States—their distribution in 1935-36."

No. 355.—CONSUMER EXPENDITURES—AGGREGATE AND AVERAGE OUTLAY OF FAMILIES AND SINGLE INDIVIDUALS FOR CONSUMPTION, GIFTS AND PERSONAL TAXES, AND SAVINGS, BY INCOME LEVEL: 1935-36

NOTE.—These figures are estimates based primarily on sample data collected in the Study of Consumer Purchases (see headnote, table 364), supplemented by data from various other sources. The estimates apply to the 12-month period from July 1935 through June 1936, and cover all families and single individuals in the United States. A family is defined as 2 or more persons sharing a common income and living under a common roof. Single individuals include persons lodging in rooming houses and hotels, living as lodgers or servants in private homes, or maintaining independent living quarters as 1-person families

INCOME LEVEL	FAMILIES AND SINGLE INDIVIDUALS <sup>1</sup>		INCOME <sup>2</sup>					
	Number	Per cent	Aggregate		Average per consumer unit	Percentage for—		
			Amount (millions of dollars)	Per cent		Current consumption <sup>3</sup>	Gifts and personal taxes <sup>4</sup>	Savings <sup>5</sup>
All levels.....	89,468,300	100.0	59,259	100.0	\$1,602	84.7	5.2	10.1
Under \$500.....	6,710,911	17.0	2,061	3.5	307	136.8	2.0	-38.8
\$500-\$750.....	5,771,960	14.6	3,615	6.1	626	107.5	3.0	-10.5
\$750-\$1,000.....	5,876,078	14.9	5,130	8.6	873	101.5	3.4	-4.9
\$1,000-\$1,250.....	4,990,995	12.7	5,589	9.4	1,120	98.1	3.6	-1.7
\$1,250-\$1,500.....	3,743,428	9.5	5,109	8.6	1,365	94.1	4.0	1.9
\$1,500-\$1,750.....	2,889,004	7.3	4,661	7.9	1,613	91.8	4.0	4.2
\$1,750-\$2,000.....	2,296,022	5.8	4,214	7.1	1,835	90.0	4.2	5.8
\$2,000-\$2,500.....	2,958,611	7.5	6,572	11.1	2,221	86.7	4.4	8.9
\$2,500-\$3,000.....	1,475,474	3.7	4,005	6.8	2,714	83.6	4.4	12.0
\$3,000-\$4,000.....	1,364,078	3.4	4,599	7.8	3,396	79.0	4.9	16.1
\$4,000-\$5,000.....	464,191	1.2	2,045	3.4	4,405	73.1	5.7	21.2
\$5,000-\$10,000.....	595,908	1.5	4,062	6.9	6,867	63.6	6.6	29.8
\$10,000-\$15,000.....	152,682	.4	1,747	3.0	11,442	53.0	8.1	38.9
\$15,000-\$20,000.....	67,923	.2	1,175	2.0	17,293	51.7	8.1	40.2
\$20,000 and over.....	110,135	.3	4,645	7.8	42,175	35.1	14.1	50.8

INCOME LEVEL	OUTLAY FOR—								
	Current consumption <sup>3</sup>		Gifts and personal taxes <sup>4</sup>			Savings <sup>5</sup>			
	Aggregate	Average per consumer unit	Aggregate		Average per consumer unit	Aggregate		Average per consumer unit	
All levels.....	50,214		100.0	\$1,273		3,087	100.0		378
Under \$500.....	2,817	5.6	420	44	1.4	6	-800	-13.4	-119
\$500-\$750.....	3,888	7.8	673	109	3.6	19	-382	-6.4	-66
\$750-\$1,000.....	5,200	10.4	886	175	5.7	30	-254	-4.3	-43
\$1,000-\$1,250.....	5,487	10.9	1,099	199	6.5	40	-97	-1.6	-19
\$1,250-\$1,500.....	4,807	9.6	1,285	207	6.7	55	95	1.6	25
\$1,500-\$1,750.....	4,278	8.5	1,480	187	6.1	65	196	3.3	68
\$1,750-\$2,000.....	3,794	7.6	1,652	175	5.7	76	245	4.1	107
\$2,000-\$2,500.....	5,695	11.3	1,925	290	9.4	98	587	9.8	198
\$2,500-\$3,000.....	3,348	6.7	2,269	175	5.7	119	482	8.1	326
\$3,000-\$4,000.....	3,631	7.2	2,681	226	7.4	167	742	12.4	548
\$4,000-\$5,000.....	1,494	3.0	3,219	117	3.8	252	434	7.2	934
\$5,000-\$10,000.....	2,604	5.2	4,369	270	8.8	454	1,218	20.4	2,044
\$10,000-\$15,000.....	925	1.8	6,060	143	4.7	933	679	11.4	4,449
\$15,000-\$20,000.....	607	1.2	8,937	95	3.1	1,408	473	7.9	6,953
\$20,000 and over.....	1,630	3.2	14,799	655	21.4	5,944	2,360	39.5	21,432

<sup>1</sup> Excludes residents in institutional groups.

<sup>2</sup> Includes the total net money income received during the year by all members of the economic family and by single individuals, plus the imputed value of the following nonmoney items: Occupancy of owned homes, rented farm homes, and rent-free homes; food produced by rural families for their own use; fuel and ice obtained free by farm families.

<sup>3</sup> Includes, in addition to goods and services purchased during the year, the imputed value of the nonmoney items mentioned in note 2. All purchases of durable consumer goods, except payments on homes and improvements to homes, are considered current expenditures for the year. Automobile expenditures cover purchase and operating costs for family and personal use only, excluding costs chargeable to business use.

<sup>4</sup> Gifts include gifts made to persons outside the economic family, to churches and other religious organizations, and to welfare agencies. Taxes cover only personal income taxes, poll taxes, and certain minor personal property taxes. Taxes on automobiles and on owned homes, and sales and excise taxes are included in consumption expenditures. Business taxes and taxes on income-producing property were deducted in calculating net income.

<sup>5</sup> These estimates represent net changes in family and personal assets or liabilities, exclusive of gains or losses from revaluation of assets. At the lower income levels they appear as average net deficits for the year, the surpluses of some families in the income group being more than offset by the deficits of other families.

Source: National Resources Committee, report on Consumer Expenditures in the United States.

No. 356.—CONSUMER EXPENDITURES—AGGREGATE AND AVERAGE EXPENDITURES OF FAMILIES AND SINGLE INDIVIDUALS FOR MAIN CATEGORIES OF CONSUMPTION, BY INCOME LEVEL: 1935-36

NOTE.—See headnote and footnotes, table 355

CATEGORY OF CONSUMPTION	EXPENDITURE BY INCOME LEVEL															
	All levels	Under \$500	\$500-750	\$750-1,000	\$1,000-1,250	\$1,250-1,500	\$1,500-1,750	\$1,750-2,000	\$2,000-2,500	\$2,500-3,000	\$3,000-4,000	\$4,000-5,000	\$5,000-10,000	\$10,000-15,000	\$15,000-20,000	\$20,000 and over
	Aggregate (millions of dollars)															
<b>All items.....</b>	<b>50, 214</b>	<b>2, 817</b>	<b>3, 888</b>	<b>5, 209</b>	<b>5, 487</b>	<b>4, 807</b>	<b>4, 278</b>	<b>3, 794</b>	<b>5, 895</b>	<b>3, 348</b>	<b>3, 031</b>	<b>1, 494</b>	<b>2, 604</b>	<b>925</b>	<b>607</b>	<b>1, 930</b>
Food.....	16, 865	1, 254	1, 645	2, 097	2, 074	1, 745	1, 474	1, 246	1, 776	1, 000	1, 020	386	602	182	116	248
Housing.....	9, 506	634	781	999	1, 037	887	786	701	1, 041	600	662	271	481	192	107	327
Household operation.....	5, 285	289	382	525	571	490	435	391	578	362	402	171	316	106	72	215
Clothing.....	5, 261	212	356	495	523	479	435	388	616	375	425	187	329	125	83	233
Automobile.....	3, 781	63	118	218	316	315	327	327	549	342	375	169	299	103	63	197
Medical care.....	2, 205	104	140	197	216	198	193	172	260	158	177	74	148	39	30	99
Recreation.....	1, 643	30	72	119	146	142	137	127	204	128	151	66	128	54	34	105
Furnishings.....	1, 422	37	63	121	151	140	135	131	190	112	122	45	83	31	17	44
Personal care.....	1, 032	60	85	110	115	100	90	78	120	70	71	30	31	17	10	25
Tobacco.....	966	46	77	112	117	107	89	79	116	62	66	25	37	12	7	14
Transportation other than automobile.....	884	59	81	99	93	83	69	60	89	45	52	21	38	20	26	49
Reading.....	551	32	46	62	64	58	47	41	63	34	38	15	25	8	5	13
Education.....	506	8	18	28	34	35	32	32	55	41	47	24	43	30	32	47
Other items.....	307	9	24	27	30	28	29	21	38	19	23	10	24	6	5	14
	Average per consumer unit (dollars)															
<b>All items.....</b>	<b>1, 273</b>	<b>420</b>	<b>873</b>	<b>886</b>	<b>1, 099</b>	<b>1, 285</b>	<b>1, 480</b>	<b>1, 652</b>	<b>1, 925</b>	<b>2, 289</b>	<b>2, 681</b>	<b>3, 219</b>	<b>4, 369</b>	<b>6, 060</b>	<b>3, 937</b>	<b>14, 799</b>
Food.....	428	187	285	357	415	466	510	543	601	677	753	831	1, 010	1, 195	1, 715	2, 252
Housing.....	241	94	135	179	208	237	272	306	352	406	489	584	807	1, 258	1, 579	2, 964
Household operation.....	134	40	66	89	114	131	150	170	195	246	296	368	531	697	1, 065	1, 948
Clothing.....	133	32	62	84	105	129	150	169	208	254	314	406	551	821	1, 219	2, 111
Automobile.....	96	9	20	37	63	84	113	142	186	232	277	363	502	675	932	1, 792
Medical care.....	56	16	24	33	43	53	67	75	88	107	131	159	248	255	447	899
Recreation.....	42	4	13	20	29	38	48	55	69	87	112	142	215	350	502	951
Furnishings.....	36	6	11	20	30	37	47	57	64	76	90	98	139	201	245	405
Personal care.....	26	9	15	19	23	27	31	34	41	48	53	64	85	108	145	232
Tobacco.....	24	7	13	19	24	29	31	34	39	42	49	53	63	78	100	124
Transportation other than automobile.....	22	9	14	17	19	22	24	26	30	30	38	46	63	131	384	443
Reading.....	14	5	8	11	13	15	16	18	21	23	28	32	42	56	67	118
Education.....	13	1	3	5	7	9	11	14	18	28	34	51	72	198	464	430
Other items.....	8	1	4	5	6	8	10	19	13	13	17	22	41	37	73	130

Source: National Resources Committee, report on Consumer Expenditures in the United States.

## No. 357.—CONSUMER EXPENDITURES—AGGREGATE AND AVERAGE DISBURSEMENTS OF FAMILIES AND SINGLE INDIVIDUALS, BY MAIN CATEGORIES: 1935-36

NOTE.—See headnote, table 355

CATEGORY OF DISBURSEMENT	DISBURSEMENTS			PERCENTAGE OF—		PERCENTAGE OF AGGREGATE DISBURSEMENT FOR EACH CATEGORY MADE BY—	
	Aggregate (millions of dollars)	Average (dollars)		Total consumer income <sup>2</sup>	Total consumption expenditures	Families	Single individuals
		Per consumer unit <sup>1</sup>	Per capita <sup>1</sup>				
All Items.....	59,269	1,502	470	100.0	-----	80.5	19.5
Current consumption <sup>3</sup> .....	50,214	1,273	399	84.7	100.0	81.3	18.7
Food.....	16,865	428	134	28.5	33.6	81.3	18.7
Purchased.....	14,753	374	117	24.9	29.4	78.6	21.4
Home-produced <sup>4</sup> .....	2,112	54	17	3.6	4.2	100.0	-----
Housing.....	9,500	241	76	16.0	18.9	76.7	23.3
Money expense.....	7,125	181	57	12.0	14.2	69.9	30.1
Imputed value.....	2,381	60	19	4.0	4.7	97.0	3.0
Household operation.....	5,285	134	42	8.9	10.6	90.1	9.9
Clothing.....	5,261	133	42	8.9	10.5	78.6	21.4
Automobile.....	3,781	96	30	6.4	7.6	88.7	11.3
Medical care.....	2,205	56	18	3.7	4.4	84.9	15.1
Recreation.....	1,643	42	13	2.8	3.3	74.0	26.0
Furnishings.....	1,422	30	11	2.4	2.8	97.7	2.3
Personal care.....	1,032	26	8	1.7	2.0	80.5	19.5
Tobacco.....	966	24	8	1.6	1.9	78.2	21.8
Transportation other than automobile.....	884	22	7	1.5	1.7	52.4	47.6
Reading.....	551	14	4	.9	1.1	70.4	29.6
Education.....	506	13	4	.9	1.0	89.3	10.7
Other items.....	307	8	2	.5	.6	71.7	28.3
Gifts <sup>5</sup> .....	2,178	55	17	3.7	-----	60.8	39.2
Personal taxes <sup>6</sup> .....	889	23	7	1.5	-----	79.2	20.8
Savings <sup>6</sup> .....	5,978	151	47	10.1	-----	80.4	19.6

<sup>1</sup> Excludes residents in institutional groups.<sup>2</sup> Includes the total net money income received during the year by all members of the economic family and by single individuals, plus the imputed value of the following nonmoney items: Occupancy of owned homes, rented farm homes, and rent-free homes; food produced by rural families for their own use; fuel and ice obtained free by farm families.<sup>3</sup> Includes, in addition to goods and services purchased during the year, the imputed value of the nonmoney items mentioned in note 2. All purchases of durable consumer goods, except payments on homes and improvements to homes, are considered current expenditures for the year. Automobile expenditures cover purchase and operating costs for family and personal use only, excluding costs chargeable to business use.<sup>4</sup> Figures cover rural families only.<sup>5</sup> Gifts include gifts made to persons outside the economic family, to churches and other religious organizations, and to welfare agencies. Taxes cover only personal income taxes, poll taxes, and certain minor personal property taxes. Taxes on automobiles and on owned homes, and sales and excise taxes are included in consumption expenditures. Business taxes and taxes on income-producing property were deducted in calculating net income.<sup>6</sup> These estimates represent net changes in family and personal assets or liabilities, exclusive of gains or losses from revaluation of assets. At the lower income levels they appear as average net deficits for the year, the surpluses of some families in the income group being more than offset by the deficits of other families.

Source: National Resources Committee, report on Consumer Expenditures in the United States.

No. 358.—NET DEBT IN THE UNITED STATES: 1929 TO 1939

NOTE.—Net indebtedness in the United States consists of public and private, long-term and short-term, corporate and noncorporate debts, originated for productive, consumptive, and other purposes, after deductions have been made for duplicating and overlapping debts (1) incurred and recorded more than once in the performance of one purpose, and (2) debts issued and held by issuers or by their affiliates. The debts of financing intermediaries, such as banks, insurance companies, governmental corporations and lending agencies which assemble the savings of initial lenders and make loans directly or indirectly to ultimate borrowers are accordingly excluded from the totals. Excluded also are those debts of private corporations issued and held by units of a "corporate system" bound together by a common management, and the debts of Government units issued and held by their sinking, trust and investment funds. Assets of such funds other than those consisting of the debt instruments described are not deducted in obtaining net debt. The aggregates are, in the main, composed of indebtedness outstanding at the end of the calendar year, and accordingly are treated as year-end totals

[In millions of dollars]

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Public and private debt, grand total.....	172,598	173,091	188,010	156,058	149,230	148,871	150,883	155,566	160,528	159,384	162,710
Public debt, total.....	28,948	29,614	32,428	34,462	36,030	37,508	40,900	45,280	48,118	48,110	50,804
Federal and Federal agencies.....	15,706	15,332	16,984	18,142	19,691	22,051	25,424	29,697	32,736	32,834	35,221
State and local.....	13,240	14,282	15,444	16,320	16,339	15,452	15,476	15,583	15,382	15,276	15,583
Private debt, total.....	143,650	143,477	155,582	121,596	113,200	111,363	109,983	110,286	112,408	111,274	111,906
Long-term debt.....	87,146	91,626	89,889	86,205	81,273	77,569	75,440	73,445	74,901	74,796	74,342
Corporate.....	46,316	48,937	48,027	46,845	45,444	42,828	41,637	40,361	42,086	42,045	41,335
Individual and other noncorporate.....	41,830	42,689	41,862	39,360	35,829	34,741	33,803	33,084	32,815	32,753	33,007
Farm mortgage.....	9,631	9,458	9,214	8,635	7,887	7,786	7,639	7,390	7,214	7,071	7,071
Urban real-estate mortgage.....	32,199	33,231	32,648	30,722	27,942	26,955	26,164	25,694	25,601	25,682	25,936
Short-term debt.....	56,504	51,851	43,693	35,391	31,927	33,799	34,543	36,841	37,507	36,478	37,564
Corporate.....	28,609	26,119	23,239	20,365	19,199	21,094	21,164	21,924	21,392	21,659	22,257
Individual and other noncorporate.....	27,895	25,732	20,454	15,026	12,728	12,705	13,389	14,917	16,115	14,819	15,307
Commercial and for purchase of securities.....	19,753	18,432	14,094	10,303	8,291	7,723	7,499	7,642	7,960	7,419	7,242
Consumer.....	8,142	7,400	6,370	4,723	4,437	4,982	5,890	7,275	8,125	7,400	8,065

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Survey of Current Business, June 1940.

INCOME, EXPENDITURES, AND DEBT

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No. 359.—GROSS AND NET PUBLIC DEBT: 1929 TO 1939

NOTE.—In millions of dollars. The figures show gross public debt and the deductions made in arriving at net public debt. See headnote, table 358

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Gross public debt.....	34,928	35,882	38,771	42,265	48,811	54,038	59,708	64,684	68,885	68,598	68,575
Federal and Federal agencies.....	18,168	17,897	19,711	22,935	27,094	35,215	40,734	45,472	47,832	47,428	49,949
Federal.....	16,301	16,026	17,828	20,805	28,815	28,480	30,557	34,406	37,286	39,439	41,961
Federal agencies.....	1,867	1,871	1,885	2,130	3,279	6,735	10,177	11,066	10,547	7,989	7,988
State and local.....	16,760	17,985	19,060	19,330	19,517	18,823	18,972	19,212	19,152	19,170	19,626
Duplicating debt:											
Total public-debt duplications.....	5,982	6,268	6,343	7,803	10,581	16,535	18,806	19,404	18,867	18,488	18,771
Federal and Federal agencies.....	2,462	2,315	2,727	4,793	7,403	13,164	15,310	15,775	15,097	14,594	14,728
State and local.....	3,520	3,953	3,616	3,010	3,178	3,371	3,496	3,629	3,770	3,894	4,043
Net public debt.....	28,946	29,614	32,428	34,462	38,030	37,503	40,900	45,280	48,118	48,110	50,804
Federal and Federal agencies.....	15,706	15,382	16,984	18,142	19,691	22,051	25,424	29,697	32,736	32,834	35,221
State and local.....	13,240	14,232	15,444	16,320	16,339	15,452	15,476	15,583	15,382	15,276	15,583

No. 360.—GROSS AND NET CORPORATE DEBT: 1929 TO 1939

NOTE.—In millions of dollars. The figures show gross corporate debt and the deductions made in arriving at net corporate debt. See headnote, table 358

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Gross corporate debt.....	90,291	91,670	88,984	81,988	78,819	77,927	78,545	75,509	76,597	78,500	78,000
Long-term.....	55,348	59,769	58,614	57,146	55,410	52,211	50,749	43,930	50,784	50,490	49,400
Short-term.....	34,943	31,901	28,350	24,842	23,409	25,716	25,796	26,579	25,813	26,010	26,600
Intercompany holdings.....	16,366	16,614	15,708	14,778	14,176	14,005	13,744	13,224	13,119	12,798	12,408
Long-term.....	10,032	10,832	10,587	10,301	9,966	9,383	9,112	8,569	8,698	8,447	8,065
Short-term.....	6,334	5,782	5,121	4,477	4,210	4,622	4,632	4,655	4,421	4,351	4,343
Net corporate debt.....	73,925	75,058	71,256	67,210	64,643	63,922	62,801	62,285	63,475	63,702	63,592
Long-term.....	45,316	48,937	48,027	46,845	45,444	42,828	41,637	40,361	42,086	42,043	41,335
Short-term.....	28,609	26,119	23,229	20,365	19,199	21,094	21,164	21,924	21,392	21,659	22,257

Source of tables 359 and 360: Department of Commerce, Bureau of Foreign and Domestic Commerce; Survey of Current Business, June 1940



### 13. PRICES

GENERAL NOTE.—The wholesale-price index of the Department of Labor is based on primary market quotations of 784 commodities beginning 1926, 813 beginning January 1938, and 863 beginning March 1940; a smaller number of commodities was covered in earlier years. The price of each article is weighted by the approximate quantity marketed during a period approximating that covered by the index. Beginning with 1921, in computing indexes for commodity groups, articles falling under more than one of the classifications 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-cost indexes presented in this section for periods beginning January 1935 are revised indexes based on the distribution of expenditures as shown by the 1934-36 study made by the Bureau of Labor Statistics of expenditures of wage earners' and lower salaried workers' families. Differences in changes in retail-food costs as shown by the revised, as compared with the unrevised, data are due largely to the relatively greater importance of citrus fruits and green vegetables and the lesser importance of cereals, potatoes, and apples in the revised index. The revised indexes are computed from prices of 54 foods. Aggregate costs of 54 foods in each of 51 cities, weighted to represent total purchases, have been combined for the United States with the use of population weights. In accordance with a recommendation of the Central Statistical Board, Bureau of the Budget, an average of the years 1935-39 is being used as a base in presenting these revised indexes of food costs. Indexes for all periods prior to January 1935 are converted from indexes computed for corresponding periods on the 1923-25 base.

The farm-price index is based on prices paid to producers for 34 major crops and, beginning 1924, also 13 commercial truck crops. Average quotations for the period August 1909-July 1914 are used as a base, and each price series is weighted by the average annual marketings of farmers in the years 1924 to 1926.

#### No. 361.—PRICES, WHOLESALE, RETAIL, AND FARM—INDEXES, BY MONTHS: 1924 TO 1940

YEAR	Yearly average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Wholesale prices (1928 avg. = 100):</b>													
1924	98.1	99.6	99.7	98.5	97.3	95.9	94.0	95.6	97.0	97.1	98.2	99.1	101.5
1925	103.5	102.9	104.0	104.2	101.9	101.6	103.0	104.3	103.9	107.4	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	96.2	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	98.8	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	82.5	71.4	70.2	90.0	88.5	86.8	84.4	84.2	84.4	83.0	81.3	79.6
1931	73.0	72.2	66.8	66.0	74.8	73.2	72.1	72.0	72.1	71.3	70.3	70.2	68.9
1932	64.8	63.3	66.3	66.0	65.5	64.4	63.9	64.5	65.2	65.3	64.4	63.9	62.6
1933	65.9	61.0	69.8	60.2	60.4	62.7	65.0	68.9	69.5	70.8	71.2	71.1	70.8
1934	74.0	72.2	73.6	73.7	73.3	73.7	74.6	74.8	75.4	77.6	76.5	76.5	76.0
1935	80.0	78.5	79.5	79.4	80.1	80.2	79.8	79.4	80.5	80.7	80.5	80.6	80.9
1936	80.8	80.6	80.6	79.6	79.7	78.6	79.2	80.5	81.6	81.6	81.5	82.4	84.2
1937	86.3	85.9	85.4	86.3	87.8	88.0	87.4	87.2	87.9	87.5	87.4	83.3	81.7
1938	78.6	80.9	79.8	79.7	78.7	78.1	78.3	78.8	78.1	78.3	77.6	77.5	77.0
1939	77.1	76.9	76.9	76.7	76.2	76.2	75.6	75.4	75.0	79.1	79.4	79.2	79.2
1940		79.4	78.7	78.4	78.6	78.4	77.5						
<b>Retail food prices (1935-1939 avg. = 100):</b>													
1929	132.6	130.0	129.6	128.4	127.7	129.7	131.3	134.9	136.9	136.7	136.3	135.2	133.9
1930	126.1	132.4	131.0	129.2	130.8	129.0	128.2	123.4	122.4	124.5	123.8	120.5	116.6
1931	103.8	113.0	108.9	107.7	106.2	104.6	102.1	102.2	102.5	102.1	101.2	99.0	96.5
1932	86.4	92.2	89.2	89.5	89.0	86.7	85.6	86.5	84.0	84.4	84.0	83.1	82.0
1933	84.1	70.2	76.1	75.7	76.1	70.1	82.2	89.9	91.2	91.1	90.7	89.8	87.8
1934	93.5	89.4	92.0	92.3	91.5	92.4	93.2	93.3	94.2	97.8	96.2	95.2	94.5
1935	100.4	98.4	100.4	99.7	101.0	101.3	100.5	99.4	99.4	100.5	100.0	101.3	102.1
1936	101.4	101.5	100.1	98.5	98.4	98.1	101.7	102.6	104.0	104.8	103.0	101.9	101.6
1937	105.3	103.1	103.6	105.0	105.1	106.1	106.0	106.3	106.9	107.9	106.5	104.1	102.7
1938	97.8	99.7	97.3	97.5	98.4	97.5	98.2	98.5	97.5	98.1	97.1	96.2	97.2
1939	95.2	95.8	94.8	94.6	94.2	94.0	93.6	94.3	93.5	98.4	97.6	96.7	94.0
1940		94.8	96.6	95.6	96.2	97.0	98.3	97.4					
<b>Farm prices (Aug. 1909-July 1914 = 100):</b>													
1924	143	148	147	140	139	137	138	139	147	141	147	145	148
1925	156	155	154	156	152	152	150	158	160	155	156	156	155
1926	145	153	152	149	151	150	148	144	141	143	138	138	135
1927	139	133	132	131	131	134	138	130	142	148	148	147	147
1928	149	149	144	145	148	155	150	152	145	149	148	146	147
1929	146	147	145	146	144	142	142	147	152	150	149	145	147
1930	126	145	140	135	136	134	131	120	118	120	113	110	104
1931	87	101	95	97	97	92	86	86	82	80	77	79	75
1932	65	71	68	69	67	63	68	63	65	66	64	62	63
1933	70	60	55	55	58	68	71	83	79	80	78	80	78
1934	94	77	83	84	82	82	86	87	96	103	102	101	101
1935	108	107	111	108	111	108	104	102	106	107	109	108	110
1936	114	109	109	104	105	103	107	115	124	124	121	120	126
1937	121	131	127	128	130	128	124	125	123	118	112	107	104
1938	95	102	97	96	94	92	92	95	92	95	95	94	96
1939	93	94	92	91	89	90	89	89	88	98	97	97	96
1940		96	101	97	98	98	98	95					

Sources: Wholesale and retail prices, Department of Labor, Bureau of Labor Statistics; data published currently in "Wholesale Prices" and "Retail Prices." Farm prices, Department of Agriculture, Bureau of Agricultural Economics; Annual Report, Agricultural Statistics; data published currently in "Crops and Markets."

No. 362.—PRICES, WHOLESALE—INDEXES, BY MAJOR COMMODITY GROUPS:  
1890 to 1940

NOTE.—See general note, page 322. For indexes for all commodities for prior years, see table 363. For index numbers (based on 1910-14 as 100) showing price changes in farm products and foods compared with all other commodities combined, see table 638, p. 673  
[1928=100]

PERIOD	All commodities	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and allied products <sup>1</sup>	House furnishing goods	Miscellaneous
1890	56.2	50.4	55.5	47.5	57.8	38.1	105.3	46.5	73.2	49.0	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	46.3	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	63.3	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	50.1	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	62.8	60.3	90.2	46.7	84.1	50.9	98.9
1904	59.7	58.5	54.0	49.9	62.9	53.3	92.9	46.0	84.1	50.3	109.5
1905	60.1	56.4	55.1	53.9	64.1	49.6	89.1	48.1	82.3	49.7	117.4
1906	61.8	57.3	53.4	57.7	68.7	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	55.8	64.8	53.7	86.3	52.0	79.6	51.6	97.8
1909	67.6	69.6	62.6	61.5	66.5	61.6	84.5	53.7	79.9	51.7	129.0
1910	70.4	74.3	64.9	60.2	68.4	47.6	85.2	55.3	82.0	54.0	152.7
1911	64.9	63.8	62.0	58.8	55.5	46.7	80.8	55.3	81.6	52.7	108.6
1912	69.1	72.6	66.8	64.5	55.7	51.4	89.5	55.9	80.7	53.0	106.4
1913	69.8	71.5	64.2	68.1	57.3	61.3	90.8	56.7	80.2	56.3	93.1
1914	68.1	71.2	64.7	70.9	64.6	56.6	80.2	52.7	81.4	56.8	89.9
1915	69.5	71.5	65.4	75.5	64.1	51.8	86.3	53.5	112.0	66.0	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	167.0	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	108.8	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	86.7	107.7	95.6	88.3	96.3	94.7	96.1	97.5	91.0
1928	96.7	105.9	101.0	121.4	95.5	84.3	90.3	94.1	95.0	95.1	85.4
1929	95.3	104.9	99.9	109.1	90.4	83.0	100.5	95.4	94.0	94.3	82.6
1930	88.4	83.3	90.5	100.0	80.3	78.5	92.1	89.9	88.7	92.7	77.7
1931	73.0	64.8	74.6	86.1	66.3	67.5	84.5	79.2	79.3	84.9	69.8
1932	64.8	48.2	61.0	72.9	54.9	70.3	80.2	71.4	73.9	75.1	64.4
1933	65.9	51.4	60.5	80.9	64.8	66.3	79.8	77.0	72.1	75.8	62.5
1934	74.9	65.3	70.5	86.6	72.9	73.3	85.9	86.2	75.3	81.5	69.7
1935	80.0	78.8	83.7	89.3	70.9	73.5	85.4	85.3	79.0	80.6	68.3
1936	80.8	80.9	82.1	95.4	71.5	76.2	87.0	86.7	78.7	81.7	70.5
1937	86.3	86.4	85.5	104.6	76.3	77.6	95.7	95.2	82.6	89.7	77.9
1938	78.6	88.5	73.6	92.8	66.7	78.5	95.7	90.3	77.0	86.8	73.3
1939	77.1	65.3	70.4	95.0	69.7	73.1	94.4	90.5	76.0	86.3	74.8
1939											
1940											
January	76.9	67.2	71.5	93.1	65.9	72.8	94.4	89.5	76.1	85.4	73.2
February	76.0	67.2	71.5	91.9	66.1	73.0	94.3	89.6	75.8	85.2	73.5
March	76.7	65.8	70.2	91.8	66.0	73.1	94.3	89.8	76.0	85.2	74.1
April	76.2	63.7	68.6	90.9	66.9	73.4	94.0	89.6	75.6	85.4	74.4
May	76.2	63.7	68.2	91.6	67.5	73.9	93.5	89.5	75.6	85.5	74.2
June	75.6	62.4	67.6	92.3	67.3	73.0	93.2	89.5	75.2	85.6	73.8
July	75.4	62.6	67.5	92.5	67.6	72.8	93.2	89.7	74.5	85.6	73.4
August	75.0	61.0	67.2	92.7	67.8	72.6	93.2	89.6	74.2	85.6	73.3
September	79.1	68.7	75.1	98.5	71.7	72.8	94.8	90.9	76.6	86.6	76.6
October	79.4	67.1	73.3	104.6	75.5	73.9	95.8	92.8	77.6	87.8	77.6
November	79.2	67.3	72.3	104.0	76.4	74.1	96.0	93.0	77.4	88.4	77.0
December	79.2	67.6	71.9	103.7	78.0	72.8	96.0	93.0	77.7	88.5	77.4
1940											
January	79.4	69.1	71.7	103.6	77.9	72.7	95.8	93.4	77.7	87.9	77.7
February	78.7	68.7	71.1	102.4	75.4	72.4	95.3	93.2	77.5	88.0	77.3
March	78.4	67.9	70.2	101.8	74.0	72.2	95.5	93.3	77.0	88.0	76.9
April	78.6	69.4	71.6	101.8	72.9	71.8	94.5	92.5	76.8	88.4	77.7
May	78.4	67.9	71.4	101.3	72.9	71.7	94.5	92.5	76.7	88.5	77.7
June	77.5	66.2	70.3	99.2	72.6	71.4	94.7	92.4	76.1	88.5	77.3

<sup>1</sup> Prior to 1926 "chemicals and drugs." Indexes for the 2 groups are not strictly comparable.

Source: Department of Labor, Bureau of Labor Statistics; data published currently in "Wholesale Prices."

## No. 363.—PRICES, WHOLESALE—INDEXES: 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		1870		87	1880		65
1861	61	1871		83	1881		64
1862	61	1872		84	1882		66
1863	72	1873		84	1883		66
1864	90	1874		81	1884		60
1865	116	1875		78	1885		57
1866	132	1876		72	1886		56
1867	116	1877		72	1887		57
1868	105	1878		68	1888		56
1869	98	1879		62	1889		57
	94			59			57

## No. 364.—PRICES, WHOLESALE—INDEXES, BY SUBGROUPS OF COMMODITIES: 1913 TO 1940.

NOTE.—1926=100. Each of the 10 groups covered by table 362 is divided into from 2 to 7 subgroups. See also general note, p. 322, regarding commodities included in 2 groups. Prices used in calculating indexes for farm products do not include processing taxes in effect from July 1933 to Jan. 6, 1936

SUBGROUP	1913	1923-1925	1929	1936	1937	1938	1939	1938		1939		1940
								Dec.	June	Dec.	June	
Grains	71.1	102.3	97.4	88.3	98.3	90.6	58.6	64.4	58.2	71.6	64.4	64.4
Livestock and poultry	73.3	85.9	106.1	84.7	95.5	79.0	72.2	74.4	69.4	63.8	64.7	64.7
Other farm products	70.8	115.1	106.6	76.0	77.2	63.9	62.6	66.5	58.8	68.4	67.0	67.0
Dairy products	65.9	99.7	105.6	83.9	83.1	72.8	69.5	73.9	60.0	81.3	72.2	72.2
Cereal products			88.0	85.2	87.6	78.4	74.8	74.8	75.9	80.5	77.4	77.4
Fruits and vegetables			97.8	71.9	74.2	58.2	62.0	60.4	62.5	69.0	70.9	70.9
Meats	59.8	81.7	109.1	87.8	99.1	83.3	77.2	79.9	75.7	63.1	73.7	73.7
Other foods	65.9	101.4	93.9	75.9	75.6	67.5	64.1	69.2	60.8	66.5	61.3	61.3
Shoes	54.5	99.3	106.3	99.8	105.0	102.2	102.0	100.6	101.3	107.5	107.9	107.9
Hides and skins	106.8	115.5	112.7	94.6	113.5	73.6	84.6	78.8	75.3	105.2	81.9	81.9
Leather	69.1	102.9	113.2	85.6	96.8	83.7	87.5	85.9	83.8	95.2	92.4	92.4
Other leather products												
Clothing	50.8	103.4	106.4	95.5	102.6	98.5	97.1	95.8	95.6	100.0	100.0	100.0
Cotton goods			90.0	81.1	87.9	82.9	82.0	81.6	81.7	84.2	85.4	85.4
Hosiery and underwear	58.0	113.9	98.8	80.3	84.3	65.4	67.2	64.6	64.1	76.2	68.3	68.3
Rayon			88.5	61.2	65.1	60.3	61.4	59.3	60.1	66.0	61.6	61.6
Silk			68.4	31.8	33.3	28.9	28.8	28.5	28.5	29.5	29.5	29.5
Woolen and worsted goods			82.7	31.5	32.7	28.6	46.1	31.5	43.3	66.0	46.1	46.1
Other textile products	53.7	108.2	88.3	82.9	91.1	77.4	79.8	74.8	75.6	90.3	83.7	83.7
Anthracite	62.7	89.5	93.1	67.0	68.4	65.5	69.2	64.4	64.2	84.2	74.0	74.0
Bituminous coal	58.9	96.7	90.1	80.5	77.8	78.0	75.8	80.1	75.5	76.1	77.1	77.1
Coke	38.1	103.2	91.3	97.4	98.6	99.0	97.5	98.5	95.6	97.8	95.7	95.7
Electricity	46.3	104.6	84.6	94.7	103.1	104.3	105.6	104.2	104.2	109.9	109.6	109.6
Gas (mfd. and natural)			94.5	83.4	80.4	84.9	78.6	82.7	77.8	77.7	74.2	74.2
Petroleum and products	78.1	103.2	93.1	86.2	82.4	86.1	84.1	81.6	88.9	80.4	87.4	87.4
Agricultural implements	73.3	87.0	71.3	57.3	60.5	55.9	52.2	50.9	52.5	52.5	50.0	50.0
Iron and steel	72.9	101.6	98.7	94.2	94.0	95.5	93.4	93.5	93.4	93.3	92.5	92.5
Motor vehicles	70.9	109.0	94.9	87.6	98.2	98.6	95.8	96.8	95.2	96.1	94.3	94.3
Nonferrous metals	88.9	95.6	100.0	83.3	89.3	95.4	93.4	93.4	93.0	94.7	94.8	94.8
Plumbing and heating			105.1	71.6	89.6	72.8	78.0	76.8	72.9	84.6	81.2	81.2
Brick and tile	38.9	102.4	94.3	88.7	78.8	73.5	79.2	78.7	79.3	79.3	80.5	80.5
Cement			89.0	92.2	93.5	91.0	91.4	91.5	91.1	91.6	90.2	90.2
Lumber	54.0	103.9	93.8	84.5	89.0	90.4	93.4	90.9	90.7	97.8	96.0	96.0
Paint and paint materials			94.9	80.1	83.4	81.3	82.8	81.0	82.4	85.5	85.2	85.2
Plumbing and heating Structural steel	77.1	113.4	95.0	75.0	78.8	78.5	79.2	78.7	79.3	79.3	80.5	80.5
Other building materials	63.1	103.3	97.7	90.2	99.1	92.7	90.3	89.7	89.5	92.7	93.0	93.0
Chemicals			99.7	87.9	88.2	86.4	84.7	85.4	84.2	85.3	85.1	85.1
Drugs and pharmaceuticals			66.8	80.1	86.6	79.0	78.2	78.2	77.4	80.3	82.2	82.2
Fertilizer materials			95.6	63.3	69.0	67.0	67.9	67.3	66.5	70.9	67.4	67.4
Mixed fertilizers			95.2	68.5	73.8	72.6	78.0	73.4	72.7	73.9	72.8	72.8
Oils and fats			89.0	63.2	76.8	49.6	46.4	46.2	46.2	53.1	46.1	46.1
Furnishings	47.9	103.5	95.6	85.3	93.4	90.8	91.1	90.3	90.0	94.4	94.9	94.9
Furniture	70.7	109.7	93.0	73.0	85.9	82.8	81.3	81.6	81.0	82.4	81.7	81.7
Auto tires and tubes	207.2	100.2	54.5	47.2	65.8	57.7	59.5	58.8	60.5	55.6	58.2	58.2
Cattle feed	82.2	113.8	121.6	94.4	110.5	76.9	89.3	76.9	81.5	91.7	80.0	80.0
Paper and pulp	69.4	102.9	88.9	80.7	91.7	85.0	82.4	76.9	79.9	89.0	91.7	91.7
Rubber, crude	170.2	88.5	42.3	34.3	40.5	30.5	37.2	33.9	34.4	42.4	46.3	46.3
Other miscellaneous	64.4	100.8	98.4	81.1	84.7	81.5	82.0	81.1	81.3	86.6	83.7	83.7

Source of tables 363 and 364; Department of Labor, Bureau of Labor Statistics; table 363, data published in "Wholesale Prices," No. 672; table 364, data published currently in "Wholesale Prices."

## No. 365.—PRICES, WHOLESALE, OF LEADING COMMODITIES: 1923 TO 1939

NOTE.—This list is a selection from among the 863 commodities entering into the general index of wholesale prices of the Department of Labor (see general note, p. 322). For weights of the bushel and barrel, except as noted, see Appendix, p. 923

COMMODITY	Unit	AVERAGE PRICE						
		1923-1925	1929	1935	1936	1937	1938	1939
<b>I.—FARM PRODUCTS</b>								
Barley, malting, Minneapolis	Bushel	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Corn, No. 2, yellow, Chicago	do	0.609	0.702	0.729	0.809	0.496	0.428	
Corn, No. 2, white, Chicago	do	.952	.832	.859	1.044	.554	.507	
Corn, No. 3, yellow, Chicago	do	.938	.815	.847	1.025	.542	.499	
Oats, No. 2, white, Chicago	do	.473	.486	.417	.383	.437	.299	.345
Rye, No. 2, Chicago	do	.932	1.016	.677	.779	.977	.578	.530
Wheat, No. 2, red winter, Chicago	do	1.407	1.304	1.967	1.097	1.219	.778	.803
Wheat, No. 2, hard, Kansas City	do	1.338	1.180	1.040	1.123	1.201	.777	.755
Wheat, No. 1, northern spring, Minneapolis	do	1.359	1.276	1.165	1.247	1.319	.865	.808
Cattle, steers, good to choice, Chicago	100 lbs	10.093	13.493	11.701	9.948	14.141	10.295	10.438
Hogs, good to choice, light Chicago	do	9.534	10.666	10.779	10.385	10.781	8.705	7.098
Lambs, native, fair to good, Chicago	do		13.689	8.370	9.500	10.441	8.083	8.832
Poultry, live fowls, Chicago	Pound	.218	.273	.185	.188	.190	.184	.154
Cotton, middling, New Orleans	do	.265	.186	1.119	.120	.113	.087	.091
Eggs, frsts, Chicago	Dozen	.339	.354	.251	.241	.219	.213	.176
Eggs, frsts, New York	do	.370	.368	.263	.262	.229	.225	.184
Apples, medium grade, Seattle, Wash.	Box			1.316	1.258	1.565	1.175	1.214
Oranges, choice, California, Chicago	do	6.209	6.540	3.295	3.629	4.411	3.067	3.239
Hay, alfalfa, Kansas City	Ton <sup>1</sup>	22.199	24.566	17.076	16.313	19.063	15.914	14.207
Hay, timothy, No. 1, Chicago	do <sup>2</sup>	24.055	20.394	19.029	15.971	17.596	14.519	15.577
Milk, fluid, Chicago	100 lbs	3.001	2.055	2.259	1.872	2.079	1.745	1.602
Milk, fluid, New York	do	3.419	3.997	3.290	3.450	.159	2.957	2.837
Peanuts, Norfolk	Pound	.063	.049	.036	.035	3.040	.034	.033
Flaxseed, Minneapolis	Bushel	2.653	2.766	1.753	1.943	2.126	1.922	1.824
Tobacco, leaf, warehouse sales	100 lbs		20.125	21.875	19.404	4.194	21.434	19.220
Potatoes, white, Chicago	do	1.645	1.608	.933	1.912	1.693	1.089	1.254
Wool, Ohio, medium grades, Boston	Pound	.648	.467	.313	.409	.433	.294	.366
<b>II.—FOODS</b>								
Butter, creamery, extra: Chicago	do	.437	.437	.287	.320	.332	.271	.253
New York	do	.450	.449	.296	.330	.343	.278	.260
San Francisco	do	.476	.468	.300	.336	.345	.283	.277
Cheese, whole milk, Chicago	do	.219	.221	.156	.167	.172	.138	.142
Milk, evaporated, New York	Case <sup>3</sup>	3.084	3.867	2.916	3.256	3.211	3.016	2.950
Beef, fresh, carcass, steers, Chicago	Pound	.170	.231	.176	.152	.211	.158	.163
Lamb, fresh, Chicago	do	.258	.256	.156	.169	.176	.160	.167
Hams, Chicago	do	.228	.244	.225	.240	.231	.218	.200
Pork, mess, New York	Barrel (200 lbs.)	31.055	30.370	29.891	31.530	32.414	27.034	21.405
Pork, bellies, cured, clear, Chicago	Pound			.174	.142	.154	.106	.076
Pork, fresh (composite price), Chicago	do	.161	.183	.102	.178	.182	.165	.133
Poultry, dressed, Chicago	do		.324	.214	.218	.223	.218	.185
Bread, Chicago	do	.075	.075	.069	.064	.058	.058	.068
Bread, New York	do	.070	.068	.069	.060	.068	.072	.062
Coffee, Rio No. 7, New York	do	.162	.157	.072	.075	.088	.063	.052
Salmon, canned, red, No. 1, tall, cannery	Doz. cans	2.645	2.709	1.840	2.231	2.380	2.182	2.100
Flour, short patents, Kansas City	Barrel	7.160	6.535	6.625	5.844	5.969	4.788	4.817
Flour, standard patents, Minneapolis	do	7.468	6.788	7.676	6.836	6.716	5.306	5.242
Flour, patents, Portland, Oreg.	do	7.992	7.176	7.343	7.117	6.657	5.250	5.510
Raisins, seedless, packers	Pound		.048	.042	.045	.050	.039	.039
Bananas, Honduras, New York	Bunch			2.802	2.663	2.512	2.526	2.716
Lard, prime, contract, New York	Pound	.141	.120	.145	.115	.117	.086	.069
Oleomargarine, cartons, uncolored, Chicago	do		.250	.181	.163	.156	.146	.133
Rice, Blue Rose, New Orleans	do	.054	.038	.040	.040	.036	.033	.034
Salt, American, medium, Chicago	Barrel <sup>4</sup>	2.389	2.214	2.513	2.488	2.543	2.750	2.750
Sugar, granulated, New York	Pound	.071	.051	.049	.048	.047	.045	.046
Sugar, raw, 96°, New York	do	.068	.038	.032	.038	.035	.029	.030
Cottonseed oil, New York	do	.110	.097	.104	.098	.092	.079	.066

<sup>1</sup> Processing tax not included.

<sup>2</sup> Case of 4 dozen 14½-ounce cans.

<sup>3</sup> Barrel of 280 pounds.

<sup>4</sup> Ton of 2,000 pounds.

Price for 1923-25 and 1929 computed from price of 16-ounce cans.

No. 365.—PRICES, WHOLESALE, OF LEADING COMMODITIES: 1923 TO 1939—Con.

COMMODITY	Unit	AVERAGE PRICE						
		1923-1925	1929	1935	1936	1937	1938	1939
<b>III.—HIDES AND LEATHER PRODUCTS</b>								
Hides, packers, heavy, native steers, Chicago	Pound	Dollars 0.158	Dollars 0.171	Dollars 0.130	Dollars 0.139	Dollars 0.172	Dollars 0.118	Dollars 0.123
Calfskins, packers, Chicago	do	.197	.209	.146	.183	.200	.136	.179
Goat skins, Brazil, New York	do	.811	.750	.567	.628	.718	.408	.470
<b>Leather:</b>								
Calf, chrome, B grade, tannery	Sq. ft.						.376	.410
Glazed kid, top grade, Boston	do	.681	.725	.530	.572	.622	.567	.579
Side, black, chrome tanned, B grade, Boston	do	.266	.288	.188	.196	.246	.190	.219
Sole, oak, scoured backs, Boston	Pound	.480	.529	.344	.367	.415	.317	.320
<b>Shoes:</b>								
Child's, oxford, factory	Pair			.896	.899	.924	.911	.988
Men's, black calf, lace, oxford	do		3.467	3.693	3.853	4.158	3.937	4.019
Women's, black, calf, blucher oxford	do					2.883	2.608	2.563
<b>IV.—TEXTILE PRODUCTS</b>								
<b>Cotton goods, mill:</b>								
Damask, table, mercerized, mill, 58-inch	Yard		.370	.386	.392	.411	.378	.381
Denims, 28-inch	do	.233	.181	.141	.132	.142	.103	.106
Drillings, brown, 30-inch	do			.115	.107	.113	.080	.084
Gingham, 32-inch	do		.125	.123	.100	.112	.097	.102
Muslin, bleached, series 1	do	.183	.174	.154	.148	.155	.128	.130
Sheet cloth, 27-inch	do	.070	.052	.049	.043	.048	.036	.036
Sheeting, bleached, series 1	do	.486	.419	.299	.306	.314	.249	.250
Sheeting, brown, series 1	do	.167	.125	.110	.097	.107	.076	.079
Yarn, carded, white, northern, 22/1's cones	Pound	.459	.358	.305	.295	.300	.230	.244
<b>Hosiery and underwear:</b>								
Hosiery, women's, pure silk	Doz. prs.	12.337	9.313	5.241	5.144	5.452	5.116	5.433
Hosiery, men's, silk	do			2.117	2.070	2.091	2.000	2.120
Men's union suits, knit, ribbed	Dozen			7.712	7.186	7.624	6.647	6.436
Rayon, 180 second quality, New York	Pound	2.136	1.180	.553	.566	.603	.502	.495
Silk, raw, Japan, 20-22 yellow, New York	do		4.880	1.554	1.747	1.762	1.583	2.615
<b>Woolen and worsted goods, mill:</b>								
Suiting serge, 15-ounce	Yard	2.478	1.961	1.788	1.918	2.165	1.730	1.915
French serge, 54-inch	do			1.015	1.103	1.193	1.098	1.059
Yarn, fine weaving, 2/50's	Pound	2.460	1.967	1.550	1.717	1.939	1.048	1.566
Thread, 6-cord	Spool	.033	.037	.021	.017	.020	.023	.023
<b>V.—FUEL AND LIGHTING</b>								
Coal, anthracite, chestnut	Ton	12.376	11.505	9.590	9.735	9.372	9.445	9.143
Coal, bituminous, mine run	do	4.387	3.653	4.242	4.272	4.204	4.327	4.311
Coke, Connellsville, furnace	do	4.378	2.780	3.567	3.676	4.384	3.967	4.001
Electricity	100 kwh		2.040	1.930	1.780	1.720	1.832	1.702
Manufactured gas	1,000 cu. ft.		.985	.965	.942	.929	.930	.909
Natural gas	do		.491	.517	.493	.479	.493	.487
Petroleum, crude, Kans.-Okla.	Barrel	1.519	1.233	1.040	1.038	1.157	1.118	.954
Fuel oil, refinery, Pennsylvania	Gallon	.056	.048	.040	.045	.044	.040	.042
Gasoline, refinery, Pennsylvania	do	.130	.091	.052	.056	.054	.049	.045
<b>VI.—METALS AND PRODUCTS</b>								
Iron ore, non-Bessemer	Ton	4.924	4.443	4.500	4.500	4.872	4.950	4.950
Pig iron, basic, furnace	do	21.873	18.189	18.170	19.115	23.019	21.692	21.077
Pig iron, Bessemer, Pittsburgh	do	24.860	20.506	19.966	20.908	24.727	23.544	22.955
Nails, wire, basic price, New York	100 lbs.		2.579	2.517	2.154	2.688	2.575	2.461
Pipe, cast-iron, 6-inch, Pittsburgh	Ton	57.549	36.666	45.113	45.469	52.039	50.923	49.800
Skelp, grooved, Pittsburgh	100 lbs.	2.149	1.859	1.713	1.800	2.048	1.996	1.900
Steel billets, rolling, Pittsburgh	Ton	33.465	34.642	27.264	29.756	36.481	35.442	34.000
Steel plates, Pittsburgh	Pound	.621	.019	.018	.019	.022	.022	.021
Steel rails, mill	Ton	43.000	43.000	36.375	36.627	41.894	41.793	40.000
Steel sheets, No. 27, mill	Pound	.035	.030	.026	.027	.032	.032	.031
Steel, structural, mill	100 lbs.	2.220	1.921	1.800	1.860	2.215	2.172	2.100
Tin plate, Pittsburgh	do				4.860	5.225	5.087	5.000
Aluminum, virgin ingot, New York	Pound		.243	.205	.205	.205	.205	.205
Copper, ingot, electrolytic, refinery	do	.139	.181	.086	.095	.132	.100	.110
Lead, pig, desilverized, New York	do	.083	.068	.041	.047	.060	.047	.051
Silver, bar, fine, New York	Ounce	.672	.533	.643	.453	.451	.435	.395
Tin, pig, New York	Pound	.502	.452	.504	.464	.544	.426	.504
Zinc, pig, slab, New York	do	.072	.068	.047	.053	.069	.050	.055

<sup>1</sup> Ton of 2,000 pounds.

<sup>2</sup> For 1923-1925, 35-inch; for 1929, 30-inch.

<sup>3</sup> Barrel of 42 gallons.

<sup>4</sup> Ton of 2,240 pounds.

No. 365.—PRICES, WHOLESALE, OF LEADING COMMODITIES: 1923 TO 1939—Con.

COMMODITY	Unit	AVERAGE PRICE						
		1923-1925	1929	1935	1936	1937	1938	1939
<b>VI.—METALS, ETC.—continued</b>								
<b>Agricultural implements, factory:</b>								
Cultivator, 1-row, riding	Each					48.289	49.820	47.783
Harrow, spike tooth	do			17.150	17.150	18.375	18.047	17.328
Plow, 2-horse	do			15.815	15.788	16.392	16.708	16.143
Separator, cream	do			65.002	66.827	68.488	69.659	66.324
Tractor, 2-plow	do						740.423	691.708
Motor trucks, weighted average price of 34- to 3½-ton capacity, f. o. b. factory.	do		971.575	742.048	740.562	782.997	863.505	850.564
<b>VII.—BUILDING MATERIALS</b>								
Douglas fir, No. 1 common boards, mill.	1,000 ft.	17.920	17.961	16.836	19.487	20.872	17.678	19.336
Maple, hard, No. 1, Chicago	do	66.938	54.623	45.925	47.346	54.058	52.442	51.058
Oak, plain, white, No. 1, Cincinnati	do	66.200	57.623	44.509	45.000	53.308	44.769	43.789
Pine, white, No. 2, Buffalo	do			44.000	45.750	51.365	50.000	48.731
Pine, yellow, flooring, mill	do			36.021	37.467	44.828	41.332	40.701
Shingles, cedar, red, mill	Square			2.650	2.647	2.778	2.752	2.816
Brick, common, building, plant	1,000			11.768	11.737	12.048	11.996	12.046
Cement, Portland	Barrel	1.838	1.601	1.663	1.667	1.667	1.667	(?)
Linseed oil, raw, New York	Pound	.134	.123	.094	.098	.108	.090	.092
Whitelead, in oil, New York	do	.141	.138	.110	.114	.128	.115	.123
Glass, plate, 5 to 10 sq. ft., N. Y.	Sq. ft.	.638	.385	.260	.268	.289	.290	.290
Glass, window, single B, New York	50 sq. ft.			2.433	2.849	2.887	2.530	2.736
Lime, building, plant	Ton <sup>1</sup>	9.586	7.987	7.208	7.090	7.120	7.154	7.097
<b>VIII.—CHEMICALS AND ALLIED PRODUCTS</b>								
Acid, sulphuric, 66°, works	do. <sup>2</sup>	14.267	15.500	15.500	15.500	16.039	16.500	16.500
Alcohol, denatured, works	Gallon			.407	.377	.341	.336	.299
Ammonia, anhydrous, New York	Pound	.289	.140	.158	.160	.160	.160	.160
Soda ash, light, 53 percent, works	100 lbs	1.345	1.230	1.230	1.157	1.050	1.050	1.050
Soda, caustic, works	do	3.280	2.960	2.600	2.600	2.479	2.300	2.300
Tallow, packer's prime, Chicago	Pound	.088	.085	.070	.066	.082	.086	.054
Alcohol, grain, New York	Gallon	4.802	2.745	4.506	4.517	4.563	4.670	4.789
Phenol, U. S. P., works	Pound	.291	.138	.143	.142	.137	.145	.138
Superphosphate, Baltimore	Ton <sup>2</sup>	8.732	9.731	7.870	7.606	8.104	7.868	7.654
Nitrate of soda, 95 percent, N. Y.	100 lbs	2.526	2.187	1.275	1.330	1.411	1.450	1.450
Sulphate of ammonia, Atlantic ports	Ton <sup>2</sup>			23.904	25.250	27.923	28.698	27.668
Fertilizers, mixed, South Atlantic, 3-3-3.	do. <sup>1</sup>		22.400	16.940	15.665	17.880	17.341	18.050
<b>IX.—HOUSEFURNISHING GOODS<sup>10</sup></b>								
Blankets, all wool, factory	Pound		1.333	1.201	1.306	1.489	1.240	1.265
Carpets, Brussels, factory	Yard		2.530	2.162	2.317	2.753	2.729	3.014
Sewing machines, electric	Each			63.054	64.026	68.467	67.833	67.553
Stoves, gas	do			56.188	59.544	68.665	74.316	73.753
Vacuum cleaners, electric, without attachments.	do	120.090	14.725	10.936	10.143	10.143	10.143	10.143
Washing machines, electric, 2-speed, 6-sheet capacity, factory.	do			30.839	33.165	29.048	29.948	29.453
<b>X.—MISCELLANEOUS</b>								
Bran, Minneapolis	Ton <sup>1</sup>	24.546	26.504	20.498	21.642	25.976	16.784	18.716
Cottonseed meal, prime, Memphis	do. <sup>2</sup>	41.020	38.542	25.401	25.688	20.212	21.524	23.418
Middlings, standard, Minneapolis	do. <sup>1</sup>	25.850	27.741	21.750	23.890	28.113	17.591	19.728
Paper, newsprint rolls, destination, New York basis.	do. <sup>1</sup>		62.00	40.00	41.00	42.50	50.00	50.00
Paper, wrapping, manilla, No. 1, jute, New York	100 lbs	10.490	9.125	9.125	9.125	9.128	9.115	8.904
Wood pulp, sulphite, domestic, unbleached, mill.	do				2.133	3.484	2.384	2.072
Rubber, plantation, ribbed, N. Y.	Pound	.434	.206	.124	.165	.194	.147	.179
Automobile tires, balloon, factory	Each			9.319	9.683	11.575	12.110	(?)
Cylinder oil, Oklahoma	Gallon	.168	.266	.140	.167	.176	.193	.147
Neutral oil, Pennsylvania	do	.264	.269	.236	.211	.240	.151	.189
Soap, laundry, bars, white, destination.	Pound			.046	.046	.050	.047	.047
Starch, laundry, New York	do	.056	.058	.058	.058	.058	.050	.050
Tobacco, plug, New York	do	.698	.696	.642	.642	.642	.642	.642
Tobacco, smoking, 1-oz. bag, N. Y.	Gross	8.898	8.320	5.120	5.120	5.120	5.120	5.120
Cigarettes, destination.	1,000		5.398	6.380	5.380	5.507	5.513	5.513

<sup>1</sup> Ton of 2,000 pounds. <sup>2</sup> 11-month average. <sup>3</sup> Data not available.  
<sup>10</sup> 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. <sup>11</sup> Average for 1924 and 1925.  
 Source: Department of Labor, Bureau of Labor Statistics; data published currently in "Wholesale Prices."

No. 366.—PRICES, WHOLESALE—INDEXES, ALL COMMODITIES AND BY ECONOMIC CLASSES: 1916 TO 1940

NOTE.—Figures in boxes indicate number of quotations. As originally published, Bradstreet's "Index" is the sum of the prices per pound of 96 commodities; Dun's represents the aggregate cost per capita of a year's supply of the approximately 300 commodities included. In the following table, both series have been expressed as a percentage of 1926 by the Bureau of Foreign and Domestic Commerce. Indexes of the National Bureau of Economic Research for 1916 to 1928 are unweighted geometric means for approximately 400 commodities (converted from a 1913 base to a 1926 base by the Bureau of Foreign and Domestic Commerce), for subsequent years they are weighted arithmetic means for 680 price series, the weights being based upon the average value of production in 1927 and 1931. For method of computing the Department of Labor index, see general note, p. 322

YEAR	Bradstreet's Index (1926=100)	Dun's index (1926=100)	DEPARTMENT OF LABOR (1926=100)				NATIONAL BUREAU OF ECONOMIC RESEARCH (1929=100)				
			All commodities	Raw materials	Semi-manufactures	Manufactured products <sup>1</sup>	All commodities	Producers' goods	Consumers' goods	Durable goods	Non-durable goods <sup>2</sup>
			96 <sup>3</sup>	111 <sup>3</sup>	99 <sup>3</sup>	663 <sup>3</sup>	680 <sup>4</sup>	418 <sup>4</sup>	292 <sup>4</sup>	222 <sup>4</sup>	469 <sup>4</sup>
1914-1920	129.7	113.0	125.5	127.7	155.7	119.3	125.1	134.2	112.6		
1921-1925	98.8	97.5	98.3	97.4	105.5	99.2	103.7	105.9	105.4		
1926	100.0	100.0	100.0	100.0	100.0	100.0	103.4	103.8	102.7		
1927	99.4	99.4	95.4	95.5	94.3	95.0	100.1	100.4	99.5		
1928	102.4	103.1	96.7	99.1	94.5	95.9	101.3	101.6	100.8		
1929	97.3	101.0	98.3	97.5	93.9	94.5	100.0	100.0	95.0		100.0
1930	81.8	91.3	86.4	84.3	81.8	88.0	90.5	88.5	93.1	93.1	89.1
1931	66.6	77.3	73.0	65.6	69.0	77.0	76.5	73.2	80.7	84.8	72.7
1932	54.3	70.7	64.8	55.1	59.3	70.3	67.4	64.9	70.6	78.5	61.5
1933	62.1	78.1	65.9	56.5	65.4	70.5	69.4	68.3	70.9	80.4	64.1
1934	71.8	85.5	74.9	68.0	72.8	78.2	78.8	75.6	79.2	87.0	74.4
1935	77.4	92.9	80.0	77.1	73.6	82.2	83.4	82.9	83.9	86.0	81.2
1936	75.7	95.7	80.8	79.9	75.9	82.0	84.2	84.9	83.5	87.7	81.7
1937	(6)	(6)	86.3	84.8	85.3	87.2	90.7	92.9	88.0	98.2	87.2
1938	(6)	(6)	78.6	72.0	75.4	82.2	81.9	82.7	80.7	95.2	75.2
1939	(6)	(6)	77.1	70.2	77.0	80.4	80.5	81.9	78.6	94.9	74.0
Jan.-June: 1939	(6)	(6)	76.4	69.5	74.5	80.0	79.4	80.0	77.5	94.1	72.7
1940	(6)	(6)	78.5	72.4	79.3	81.2	82.7	84.3	80.6	96.0	76.6

<sup>1</sup> Formerly "Finished products."

<sup>2</sup> Perishable and semidurable.

<sup>3</sup> Effective March 1940. In earlier years a smaller number of commodities was included.

<sup>4</sup> Number of quotations used beginning 1929; see headnote regarding earlier years. The sum of the number of quotations for producers' and consumers' goods and for durable and nondurable goods is greater than the number of all commodities owing to duplication of certain price series in the classifications. For example, identical price quotations on flour are used in both producers' goods and consumers' goods.

<sup>5</sup> Beginning December 1937, discontinued by reporting source.

No. 367.—COST OF GOODS PURCHASED BY WAGE EARNERS AND LOWER-SALARIED WORKERS IN 33 LARGE CITIES COMBINED—INDEXES: 1913 TO 1940

NOTE.—1935-39=100. Figures for food represent 51 cities since June 1920 and a smaller number in earlier years; other figures, 19 cities from 1913 to 1917, 32 cities from 1918 to 1934, and 33 cities thereafter. Totals from 1913 to 1924 are weighted by relative importance of items as ascertained by country-wide study of family expenditures in 1917-19. Totals from 1930 to date are weighted by relative importance of items as ascertained by a study of family expenditures in 1934-36. Totals for the intervening years, 1925 through 1929, are weighted by an average of the 1917-19 and the 1934-1936 expenditure data. Except for 1913, the annual average indexes for items other than food are estimates based on indexes compiled as of particular dates at irregular intervals shown in previous issues of this publication. They represent weighted averages of indexes for each pricing period affecting the year. For example, where goods were priced in June and December, the indexes for December of the previous year were considered in arriving at the average of the year. The annual average food index is based on monthly indexes

YEAR AND MONTH	All items	Food	Clothing	Rent	Fuel, electricity, and ice	House-furnishings	Miscellaneous
1913	70.7	79.9	69.3	92.2	61.9	59.1	50.9
1914	71.8	81.8	69.8	92.2	62.3	60.7	51.9
1915	72.5	80.9	71.4	92.9	62.5	63.6	53.6
1916	77.9	90.8	78.3	94.0	65.0	70.9	56.3
1917	91.6	116.9	94.1	93.2	72.4	82.8	65.1
1918	107.5	134.4	127.5	94.9	84.2	100.4	77.8
1919	124.5	152.1	168.7	102.7	91.1	134.1	87.6
1920	143.2	168.5	201.0	120.7	106.9	164.6	100.5
1921	127.7	128.6	154.8	138.6	114.0	138.5	104.3
1922	119.7	120.3	125.6	142.7	113.1	117.5	101.2
1923	121.0	124.0	125.9	146.4	115.2	126.1	100.8
1924	122.2	122.8	124.0	151.6	113.7	124.0	101.4
1925	125.4	122.9	122.4	152.2	115.4	121.5	102.2
1926	126.4	137.4	120.6	160.7	117.2	118.8	102.6
1927	124.0	132.3	118.3	148.3	115.4	115.9	103.2
1928	122.6	130.8	116.5	144.8	113.4	113.1	103.8
1929	122.5	132.5	115.3	141.4	112.5	111.7	104.6
1930	119.4	126.0	112.7	137.5	111.4	108.9	105.1
1931	108.7	103.9	102.6	130.3	108.0	98.0	104.1

No. 367.—COST OF GOODS PURCHASED BY WAGE EARNERS AND LOWER-SALARIED WORKERS IN 33 LARGE CITIES COMBINED—INDEXES: 1913 TO 1940—Continued

YEAR AND MONTH	All items	Food	Clothing	Rent	Fuel, electric-ity, and ice	House-furnish-ings	Miscel-laneous
1932	97.6	86.5	90.8	116.9	103.4	85.4	101.7
1933	92.4	84.1	87.9	100.7	100.0	84.2	98.4
1934	95.7	93.7	96.1	94.4	101.4	92.8	97.9
June	95.3	93.0	96.6	94.0	100.3	92.9	97.9
November 15	90.2	95.4	96.5	93.9	101.8	93.6	97.8
1935	98.1	100.4	96.8	94.2	100.7	94.8	98.1
March 15	97.8	99.7	96.8	93.8	102.1	94.2	98.1
October 15	98.0	100.0	96.9	94.6	100.5	95.7	97.9
1936	99.1	101.3	97.6	96.4	100.2	96.3	98.7
July 15	99.4	102.6	97.2	96.5	99.1	95.9	98.7
December 15	90.8	101.6	99.0	98.1	100.5	97.9	99.1
1937	102.7	105.3	102.8	100.9	100.2	104.3	101.0
June 15	102.8	106.0	102.5	101.0	99.2	104.3	100.9
December 15	103.0	102.7	104.8	103.7	100.7	107.0	102.0
1938	100.8	97.8	102.2	104.1	99.9	103.3	101.5
March 15	100.9	97.5	102.9	103.9	101.2	104.7	101.6
June 15	100.9	98.2	102.2	104.2	98.6	103.1	101.8
September 15	100.7	98.1	101.4	104.2	99.3	101.9	101.6
December 15	100.2	97.2	100.9	104.3	100.0	101.7	101.0
1939	99.4	95.2	100.5	104.3	99.0	101.3	100.7
March 15	99.1	94.6	100.4	104.3	100.1	100.9	100.5
June 15	98.6	93.6	100.3	104.3	97.5	100.6	100.4
September 15	100.6	98.4	100.3	104.4	98.6	101.1	101.1
December 15	99.6	94.9	101.3	104.4	99.9	102.7	100.9
1940:							
March 15	99.8	95.6	102.0	104.5	100.6	100.5	100.8
June 15	100.5	98.3	101.7	104.6	98.6	100.1	100.6

No. 368.—COST OF GOODS PURCHASED BY WAGE EARNERS AND LOWER-SALARIED WORKERS IN EACH OF 33 LARGE CITIES—INDEXES: 1935 TO 1940

[1935-39 average=100]

CITY	INDEX OF TOTAL COST OF GOODS PURCHASED FOR—						INDEX, JUNE 15, 1940, FOR—						
	Oct. 15, 1935	Dec. 15, 1936	Dec. 15, 1937	Dec. 15, 1938	Mar. 15, 1939	Dec. 15, 1939	June 15, 1940	Food	Clothing	Rent	Fuel, electric-ity, and ice	House fur-nishings	Miscellaneous
	U. S. (33 cities) <sup>1</sup> .....	98.0	99.8	103.0	100.2	99.1	99.6	100.5	98.3	101.7	104.6	98.6	100.1
Albanta	99.8	100.9	102.6	100.0	98.8	98.7	98.5	93.2	102.3	104.3	98.5	97.7	100.0
Baltimore	98.9	99.7	101.9	100.0	99.6	98.9	100.8	98.7	101.5	114.2	97.3	101.2	100.6
Birmingham	98.3	100.9	104.1	100.4	99.1	99.5	99.0	92.0	102.5	103.3	98.8	95.9	100.1
Boston	98.2	99.3	102.2	98.8	98.1	97.9	100.0	98.9	100.9	100.5	104.0	97.7	99.9
Buffalo	97.2	99.9	103.6	100.4	99.3	99.7	101.2	100.1	101.0	106.2	97.7	99.4	100.6
Chicago	97.2	99.5	103.0	100.8	99.4	99.8	101.4	99.6	99.8	108.6	97.9	101.7	100.2
Cincinnati	96.0	99.9	102.9	99.1	98.2	98.2	98.8	94.4	104.0	102.2	96.6	99.8	100.5
Cleveland	97.4	98.4	102.9	101.4	101.0	100.9	101.5	99.0	102.0	107.9	107.6	100.3	99.3
Denver	97.2	99.9	103.3	99.9	99.2	99.7	99.7	96.2	99.9	106.7	97.9	102.2	99.8
Detroit	96.5	99.5	106.4	100.7	99.8	99.8	100.9	98.3	101.8	107.7	97.0	99.5	99.9
Houston	97.0	99.6	103.0	101.4	100.0	101.3	100.7	97.9	103.2	106.7	93.1	104.6	99.0
Indianapolis	98.4	100.0	103.6	100.0	99.3	99.6	100.2	96.6	103.3	109.8	95.3	99.3	99.5
Jacksonville	96.2	100.7	102.7	99.1	98.4	99.3	100.2	100.2	101.4	103.6	96.3	99.8	98.9
Kansas City	98.0	99.9	102.6	99.7	99.1	99.3	98.6	92.9	102.9	102.7	97.8	97.5	101.0
Los Angeles	96.1	99.4	103.2	102.6	101.2	100.4	100.8	97.4	103.4	106.6	95.5	100.2	101.2
Manchester	98.9	99.7	101.6	98.8	98.0	99.0	100.5	99.8	100.2	101.8	102.7	100.0	100.2
Memphis	97.6	101.0	102.5	99.5	98.5	98.9	98.4	92.7	102.1	105.3	94.0	101.4	100.0
Minneapolis	96.8	99.9	103.4	100.9	100.2	101.1	100.8	97.9	100.8	108.0	95.6	103.2	100.9
Mobile	98.9	99.0	102.0	99.6	99.4	99.7	99.2	97.3	100.6	106.7	94.5	102.0	98.6
New Orleans	98.9	100.5	101.6	99.9	99.4	100.4	101.1	100.9	101.5	103.2	99.8	102.3	100.3
New York	98.7	99.5	102.8	100.2	99.2	100.1	101.6	101.1	101.1	102.6	99.6	97.5	102.4
Norfolk	100.1	101.2	101.8	99.0	98.4	98.5	98.5	94.7	103.5	102.2	92.3	99.4	100.9
Philadelphia	99.0	100.8	101.6	99.4	98.2	98.6	99.2	95.9	101.3	103.7	91.8	101.9	100.8
Pittsburgh	98.3	100.0	102.5	100.3	97.8	98.8	100.6	98.0	102.6	105.7	99.8	101.7	99.2
Portland, Maine	100.1	100.5	101.8	97.8	96.6	97.6	98.9	96.9	100.0	100.6	100.4	99.4	99.0
Portland, Oregon	95.7	99.4	103.2	101.7	100.7	100.9	100.7	99.8	103.2	106.5	91.6	99.9	100.3
Richmond	99.7	102.0	102.0	99.3	98.6	98.8	98.5	92.7	103.5	102.8	97.0	102.9	100.2
St. Louis	98.2	99.7	102.7	99.5	99.0	99.1	99.5	97.5	102.8	101.6	99.3	96.3	100.1
San Francisco	97.8	98.8	103.0	101.4	100.3	100.2	100.1	96.7	103.2	103.7	91.8	101.2	101.6
Savannah	100.0	100.0	101.9	99.5	98.7	99.7	100.8	99.6	101.8	104.8	97.6	104.8	100.0
Scranton	100.3	101.8	101.2	97.9	96.9	97.4	98.7	98.3	101.7	98.1	94.7	98.2	100.0
Seattle	95.0	99.5	102.2	101.2	100.9	100.9	101.7	99.7	103.9	106.8	98.3	98.5	101.7
Washington, D. C.	99.4	100.4	102.2	99.7	98.9	98.9	100.1	98.3	102.9	99.9	96.8	104.5	100.6

<sup>1</sup> Index numbers for food based on prices for 51 cities.

Sources of tables 367 and 368: Department of Labor, Bureau of Labor Statistics; data published periodically in "Changes in Cost of Living."



No. 369.—COST OF FOOD, RETAIL, IN 51 LARGE CITIES—INDEXES, BY CITIES:  
1935 TO 1940

NOTE.—1935-39 average=100. Sales taxes included wherever applicable. See second paragraph of general note, p. 322

REGION AND CITY	1935	1936	1937	1938	1939	1938		1939			1940		
						Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June
						13	13	14	13	19	12	12	18
United States.....	100.4	101.3	105.3	97.8	95.2	98.1	97.2	94.6	93.6	98.4	94.9	95.6	98.3
<b>New England:</b>													
Boston.....	101.0	101.2	104.7	97.8	95.3	98.9	96.4	95.3	94.4	98.1	92.8	95.9	98.9
Bridgeport.....	100.5	101.1	105.3	98.3	94.8	98.1	96.7	94.4	94.9	97.8	93.0	96.2	98.5
Fall River.....	98.8	100.7	106.0	98.5	96.0	98.3	98.1	95.6	94.0	97.9	95.3	96.8	100.3
Manchester.....	99.9	101.9	104.2	97.9	96.1	97.8	96.4	94.6	95.1	99.8	95.0	97.8	99.8
New Haven.....	100.0	101.4	105.8	98.1	94.7	98.3	97.1	93.7	93.9	98.5	93.5	95.3	98.6
Portland, Maine.....	102.2	102.5	105.6	96.2	93.6	97.7	94.9	91.7	92.1	97.7	92.0	92.9	96.9
Providence.....	100.1	101.4	106.9	97.7	94.9	98.8	96.2	93.7	93.8	99.7	93.3	96.3	99.5
<b>Middle Atlantic:</b>													
Buffalo.....	100.7	101.4	104.7	97.4	95.9	96.4	98.0	95.5	94.8	100.0	94.3	96.6	100.1
Newark.....	98.7	100.8	105.4	98.4	96.7	98.5	98.4	96.6	95.6	100.0	96.0	99.3	101.0
New York.....	100.6	101.0	104.1	97.8	96.6	98.9	98.6	96.3	93.7	100.6	97.1	99.3	101.1
Philadelphia.....	100.1	102.5	105.7	97.2	94.4	97.3	96.8	93.9	93.7	97.4	94.2	93.2	95.9
Pittsburgh.....	100.2	101.4	106.4	98.5	93.5	99.0	97.1	90.8	92.7	97.1	93.3	93.8	98.0
Rochester.....	99.1	101.5	105.8	98.6	94.9	96.2	97.3	94.1	93.5	98.1	96.0	97.2	101.6
Scranton.....	100.2	102.5	105.5	97.1	94.8	95.0	95.9	93.6	93.1	99.0	95.1	96.4	98.3
<b>East North Central:</b>													
Chicago.....	100.0	101.4	106.1	97.8	94.0	99.0	96.3	93.5	93.1	97.4	94.6	94.2	99.6
Cincinnati.....	102.5	103.5	105.5	96.2	92.3	96.9	94.1	92.0	90.3	95.4	91.7	92.6	94.4
Cleveland.....	100.3	100.6	104.1	98.6	96.3	100.1	99.4	96.5	95.1	98.9	92.7	95.9	99.0
Columbus, Ohio.....	103.2	103.9	104.6	96.0	92.3	95.6	94.8	94.5	98.0	94.7	95.6	92.0	94.0
Detroit.....	99.5	101.8	106.8	98.2	93.7	96.7	96.0	94.0	92.4	96.2	94.1	94.5	98.3
Indianapolis.....	100.6	101.9	106.5	97.6	93.5	97.9	95.9	94.0	92.2	96.0	94.0	94.0	96.6
Milwaukee.....	99.0	101.5	107.0	98.6	93.7	97.7	96.8	94.2	92.6	96.2	92.7	92.8	98.1
Peoria.....	100.4	101.1	104.6	97.8	96.0	98.2	97.2	95.1	95.8	93.9	96.2	95.0	100.1
Springfield, Ill.....	100.2	100.7	105.9	97.7	95.5	97.9	96.9	94.8	95.1	99.4	96.1	93.0	98.2
<b>West North Central:</b>													
Kansas City.....	101.4	101.2	105.6	97.5	94.3	97.6	96.1	94.0	92.8	97.6	93.4	91.2	92.9
Minneapolis.....	98.2	100.8	104.9	97.9	97.2	98.4	98.1	96.2	96.4	99.5	98.0	97.1	97.9
Omaha.....	103.5	101.9	105.4	95.4	94.7	93.6	93.8	92.4	94.2	99.8	95.5	94.3	98.3
St. Louis.....	99.7	101.2	105.2	98.2	95.7	99.5	97.1	96.1	93.1	98.8	95.1	95.2	97.5
St. Paul.....	101.1	101.0	104.4	97.5	96.1	97.5	97.4	95.1	95.5	98.0	96.4	93.3	97.2
<b>South Atlantic:</b>													
Atlanta.....	102.2	102.2	105.7	95.6	94.3	96.5	96.5	94.5	92.7	98.3	93.6	96.0	93.2
Baltimore.....	99.8	100.9	104.3	98.3	96.7	98.5	97.8	96.5	96.1	99.4	94.6	96.5	98.7
Charleston, S. O.....	99.2	101.6	104.3	98.5	96.4	99.0	99.1	95.4	94.4	99.8	97.4	95.7	95.8
Jacksonville.....	99.9	100.9	104.1	98.4	96.7	100.1	97.9	95.1	94.6	100.4	97.3	94.9	100.2
Norfolk.....	101.6	102.4	105.0	96.7	94.2	95.5	95.6	94.2	92.1	97.3	94.0	93.0	94.7
Richmond.....	101.5	103.6	105.4	96.5	92.9	96.3	96.2	92.7	90.1	96.4	92.5	91.1	92.7
Savannah.....	99.8	101.5	104.4	97.5	96.7	97.4	97.2	94.7	95.1	100.8	96.9	97.3	99.6
Washington, D. C.....	102.5	101.4	105.0	96.1	95.0	96.9	96.2	94.5	93.6	99.5	93.8	96.1	98.3
<b>East South Central:</b>													
Birmingham.....	102.2	102.6	107.7	95.6	91.9	96.0	94.7	90.9	89.4	95.4	93.0	92.0	92.0
Louisville.....	103.8	100.9	104.9	96.4	93.9	96.0	96.1	93.3	92.3	97.1	94.0	93.5	95.2
Memphis.....	103.3	102.0	105.8	96.1	92.7	95.7	95.1	92.2	90.6	97.6	92.8	92.3	92.7
Mobile.....	100.2	100.3	105.5	97.7	96.3	97.1	96.4	95.7	95.6	100.2	95.8	96.3	97.3
<b>West South Central:</b>													
Dallas.....	103.7	102.2	105.0	96.7	92.5	97.3	97.1	90.8	89.5	94.8	94.4	90.6	91.2
Houston.....	99.6	99.9	103.9	98.7	97.8	98.6	99.0	95.3	95.7	100.9	98.8	97.7	97.9
Little Rock.....	101.0	102.2	105.8	96.2	94.8	95.4	95.2	94.5	92.2	98.7	95.4	95.3	95.3
New Orleans.....	100.6	100.2	103.4	97.7	98.1	98.0	97.6	97.0	95.1	102.4	98.5	99.8	100.9
<b>Mountain:</b>													
Butte.....	99.5	101.0	105.1	98.4	96.0	98.8	96.5	95.7	97.0	98.1	94.9	94.6	99.0
Denver.....	100.4	101.6	106.3	97.1	94.6	95.5	95.9	94.1	94.5	95.7	95.0	93.9	96.2
Salt Lake City.....	100.4	100.9	105.9	97.0	95.8	96.7	97.3	93.1	97.7	99.4	96.6	94.9	101.0
<b>Pacific:</b>													
Los Angeles.....	100.3	99.9	106.0	97.7	96.2	97.6	100.7	96.4	94.1	99.2	94.6	95.6	97.4
Portland, Oreg.....	98.7	96.8	105.6	99.7	98.3	98.8	99.6	97.5	93.2	101.6	97.9	97.5	99.8
San Francisco.....	100.3	100.3	104.4	93.5	96.0	99.2	98.6	95.5	93.5	99.0	96.1	95.0	96.7
Seattle.....	98.9	100.5	105.5	97.9	97.2	96.8	97.4	96.7	95.9	102.0	96.6	98.7	99.7

Source: Department of Labor, Bureau of Labor Statistics; data published currently in "Retail Prices."

No. 370.—Cost of Food, Retail—INDEXES, BY COMMODITY GROUPS: 1929 TO 1940

NOTE.—1935-39 average=100. See second paragraph of general note, p. 322

YEAR AND MONTH	All foods	Cereals and bakery products	Meats	Dairy products	Eggs	FRUITS AND VEGETABLES				Beverages	Fats and oils	Sugar
						Total	Fresh	Canned	Dried			
1929	132.5	107.6	127.1	131.0	143.8	169.0	173.5	124.3	171.0	164.8	127.2	114.3
1930	126.0	104.3	119.1	121.0	121.4	177.5	186.7	118.6	158.7	143.4	119.2	107.4
1931	103.9	91.4	101.1	102.8	95.6	125.7	128.7	103.3	118.7	124.6	96.0	99.1
1932	86.4	82.6	79.3	84.9	82.3	103.6	105.9	91.1	91.2	112.6	71.1	89.6
1933	84.1	84.7	68.9	82.8	77.9	113.8	118.9	87.9	88.4	102.4	66.4	94.3
1934	93.7	98.3	78.9	90.9	88.6	119.1	122.3	103.9	101.1	107.6	76.4	97.9
1935	100.4	101.8	99.9	97.5	104.2	99.7	98.8	106.2	100.8	104.0	110.3	100.7
Mar. 12	99.7	101.1	97.6	100.4	86.7	102.3	100.7	108.5	103.6	108.3	107.4	95.9
June 10	100.6	100.9	102.2	94.6	94.3	102.9	101.4	103.5	104.2	103.2	110.2	101.0
Sept. 18	100.5	101.6	106.1	93.8	113.8	91.9	88.4	104.1	100.2	100.8	117.6	104.1
Dec. 17	102.1	104.2	100.5	100.4	114.0	100.0	100.2	101.1	91.8	99.4	100.9	104.0
1936	101.3	100.7	98.9	101.6	103.3	104.8	106.2	100.9	96.6	99.4	102.8	99.6
Jan. 14	101.5	102.7	100.7	101.5	104.6	100.4	100.9	101.0	91.4	99.2	107.5	100.9
Feb. 11	100.1	101.4	98.5	102.6	100.4	98.7	98.9	100.0	90.2	99.0	104.4	99.1
Mar. 10	98.5	100.6	97.1	100.3	94.4	97.4	97.3	99.6	89.8	90.5	102.8	98.4
Apr. 21	98.4	100.3	98.2	98.3	81.4	101.1	102.4	99.2	88.2	90.4	102.1	98.7
May 19	98.1	99.7	97.6	95.2	84.7	102.7	104.6	98.9	88.2	99.6	101.4	99.2
June 16	101.7	99.4	98.8	96.7	89.4	115.8	121.7	98.8	89.5	98.2	100.2	100.3
July 14	102.6	99.6	100.1	100.5	96.2	112.8	117.5	99.3	91.4	98.3	100.1	100.9
Aug. 18	104.0	100.6	100.8	104.9	106.6	110.7	113.7	101.5	98.9	99.4	101.6	100.9
Sept. 15	104.8	101.1	102.8	106.3	111.5	108.8	110.6	103.3	102.4	99.7	103.1	100.6
Oct. 13	103.0	103.1	99.2	104.4	119.2	105.0	105.3	103.5	105.3	100.0	103.3	99.9
Nov. 17	101.9	100.8	96.5	104.1	123.8	101.6	100.7	102.9	110.6	100.0	104.0	98.0
Dec. 15	101.6	100.8	96.0	104.4	122.6	102.1	101.2	102.9	112.9	100.3	103.1	98.0
1937	105.3	103.3	105.8	105.4	101.2	107.9	108.6	103.2	116.0	103.6	105.8	101.2
Jan. 12	103.1	101.4	98.5	105.5	108.5	107.1	107.5	103.3	114.9	101.7	108.5	99.7
Feb. 18	103.6	100.9	97.4	105.0	92.3	115.3	118.0	103.4	119.6	102.2	109.8	101.1
Mar. 16	105.0	101.8	98.8	105.8	91.4	113.7	122.1	103.9	122.7	102.8	107.0	100.8
Apr. 13	105.1	102.8	101.6	103.6	92.0	115.9	119.7	104.0	123.1	103.2	107.5	101.3
May 18	106.1	104.2	103.5	101.8	87.5	120.5	124.3	104.3	125.3	103.4	103.4	101.4
June 15	106.0	104.7	106.3	101.3	88.6	115.9	118.2	104.6	123.3	104.0	107.3	100.5
July 13	106.3	104.9	111.8	102.7	96.1	107.4	107.0	104.9	122.6	104.6	107.5	99.2
Aug. 17	106.9	104.7	115.7	103.8	101.8	102.7	101.3	103.6	120.6	104.9	107.9	98.6
Sept. 14	107.9	104.2	115.3	106.3	111.5	102.4	102.4	102.9	115.5	104.7	109.2	102.0
Oct. 12	106.5	103.5	106.3	107.8	115.6	98.6	97.2	101.3	107.3	104.5	105.5	103.6
Nov. 16	104.1	103.2	106.3	109.4	120.4	93.6	91.2	101.3	101.4	104.1	102.2	103.2
Dec. 14	102.7	102.9	101.6	111.3	109.1	95.4	93.9	100.8	98.0	102.7	98.7	102.7
1938	97.8	99.8	98.9	99.6	100.3	93.2	92.1	97.4	93.3	97.7	93.5	97.9
Jan. 18	99.7	102.5	98.0	106.2	99.6	94.3	92.7	100.4	90.1	100.5	96.2	101.9
Feb. 15	97.3	102.4	94.8	103.8	83.8	93.6	91.9	100.2	94.9	99.3	95.1	102.3
Mar. 15	97.5	102.1	97.4	103.2	81.1	92.9	91.1	99.8	93.7	99.0	96.0	101.1
Apr. 12	98.4	101.8	99.1	101.4	80.5	97.2	96.9	99.5	93.2	98.3	94.2	98.8
May 17	97.5	101.4	98.7	98.1	85.9	90.6	95.4	99.3	92.8	97.8	93.3	98.6
June 14	98.2	101.0	100.9	96.6	89.9	97.2	97.1	98.6	92.6	97.4	92.8	97.7
July 12	98.5	100.6	103.0	96.7	96.1	94.6	93.7	98.3	93.5	97.2	93.2	96.3
Aug. 16	97.5	100.0	101.8	96.5	102.8	90.3	88.4	97.2	93.8	96.7	93.6	95.8
Sept. 13	98.1	97.3	102.2	97.7	116.5	90.4	88.9	95.3	93.8	96.4	93.1	94.8
Oct. 18	97.1	96.4	98.3	97.6	122.4	90.4	80.5	93.8	92.4	96.3	92.5	96.0
Nov. 15	96.2	96.0	96.3	97.7	123.8	88.5	87.1	93.4	91.3	96.6	91.9	95.3
Dec. 13	97.2	95.7	96.0	99.7	120.6	92.9	93.0	92.7	91.1	96.4	90.9	95.7
1939	95.2	94.5	96.6	95.9	91.0	94.5	95.1	92.3	93.3	95.5	87.7	100.6
Jan. 17	95.8	95.3	96.6	98.4	93.8	94.0	94.6	92.5	90.2	96.5	89.8	95.3
Feb. 14	94.8	94.8	97.0	97.4	83.5	93.2	93.7	92.0	90.1	96.3	88.9	94.7
Mar. 14	94.6	94.6	97.1	95.7	81.0	94.3	95.2	91.8	89.7	96.2	88.2	94.6
Apr. 18	94.2	94.3	97.8	91.7	78.8	90.3	97.7	92.2	90.2	96.0	87.5	94.7
May 16	94.0	94.1	97.6	90.5	73.6	96.0	98.7	91.5	89.3	95.1	86.8	95.0
June 13	93.6	94.1	96.7	90.5	79.2	96.2	97.7	91.5	90.1	95.0	86.3	95.5
July 18	94.3	94.0	97.2	91.8	85.9	95.7	97.1	91.5	90.2	95.0	85.4	95.7
Aug. 15	93.5	93.4	95.7	93.1	90.7	92.5	92.8	91.6	90.3	94.9	84.5	96.6
Sept. 19	98.4	94.5	101.0	98.2	105.6	94.4	94.6	92.7	95.5	95.1	92.3	119.2
Oct. 17	97.6	94.9	96.8	100.5	108.5	94.7	94.6	93.2	100.9	95.2	89.0	115.5
Nov. 14	96.7	95.0	94.4	101.2	110.7	93.4	93.0	93.3	99.8	95.1	87.5	168.1
Dec. 12	94.9	95.1	91.7	102.2	96.9	91.9	91.1	93.3	100.5	95.0	88.0	103.5
1940:												
Jan. 16	94.8	97.0	91.0	103.3	80.4	92.4	91.7	93.3	100.5	94.6	85.2	100.5
Feb. 13	96.6	97.8	90.0	103.9	98.0	99.5	101.1	92.7	101.1	94.5	84.0	99.2
Mar. 12	95.6	97.9	91.0	102.3	81.5	99.4	101.0	92.8	101.1	93.9	83.5	98.4
Apr. 16	98.2	98.4	93.1	101.0	77.7	101.3	103.4	92.9	100.8	93.7	82.8	98.8
May 14	97.0	95.4	94.9	99.1	77.9	104.6	107.8	92.9	100.9	93.3	82.9	97.3
June 18	98.3	97.7	96.0	98.2	77.9	110.6	115.7	92.7	100.9	92.8	82.0	97.3
July 16	97.4	97.4	93.6	98.8	87.8	100.4	102.2	92.7	100.9	92.8	82.1	96.1

Sources: Department of Labor, Bureau of Labor Statistics; data published currently in "Retail Prices."

No. 371.—PRICES, AVERAGE RETAIL, OF PRINCIPAL ARTICLES OF FOOD: 1923  
TO 1940

NOTE.—Prices in cents per pound except for milk (cents per quart), eggs and oranges (cents per dozen), and tomatoes (cents per No. 2 can). Data are averages of prices as reported by retail dealers in 51 large cities. Prices for individual cities are combined with the use of population weights

YEAR AND MONTH	Wheat flour	Corn meal	Bread, white	Round steak	Chuck roast	Pork chops	Bacon, sliced	Ham, whole	Lamb, leg	Chickens, roasting	Butter	Cheese
1923.....	4.7	4.1	8.8	34.3	20.8	30.3	39.7	-----	36.9	35.8	55.8	37.4
1924.....	4.9	4.6	8.9	34.8	21.6	31.0	38.4	-----	37.2	36.4	52.2	36.2
1925.....	6.1	5.4	9.3	36.2	22.8	37.0	47.1	-----	38.6	38.0	55.2	37.5
1926.....	6.0	5.0	9.3	37.1	23.7	39.9	50.8	-----	39.0	40.2	53.6	37.6
1927.....	5.5	5.1	9.2	38.7	26.2	37.2	47.8	-----	39.1	38.2	56.3	38.6
1928.....	5.3	5.3	8.9	43.7	29.6	35.2	44.4	-----	39.6	38.9	56.9	40.8
1929.....	5.1	5.3	8.8	46.0	31.4	37.5	43.9	-----	40.2	41.2	55.5	39.5
1930.....	4.6	5.3	8.6	42.6	28.6	36.2	42.5	-----	35.1	36.7	46.4	36.6
1931.....	3.6	4.5	7.7	35.4	22.7	29.6	36.6	-----	29.9	32.2	35.8	29.7
1932.....	3.2	3.6	7.0	29.7	18.5	21.5	24.2	-----	23.8	25.6	27.8	24.4
1933.....	3.9	3.5	7.1	25.7	16.0	19.8	22.6	-----	21.8	21.8	27.8	23.9
1934.....	4.9	4.4	8.3	28.1	17.5	25.5	29.1	-----	25.2	25.9	31.5	25.0
1935.....	5.0	4.6	8.3	36.0	24.0	36.1	41.3	29.7	27.9	30.9	36.0	27.0
1936.....	4.8	4.7	8.2	34.1	22.3	34.1	40.7	31.7	29.2	32.5	39.5	28.3
1937.....	4.8	5.1	8.6	39.1	25.7	36.7	41.3	31.0	30.3	34.1	40.7	29.4
Mar. 16.....	5.0	5.1	8.2	35.7	23.4	33.4	39.7	29.9	28.9	31.3	41.8	29.6
June 15.....	4.9	5.3	8.6	39.6	25.9	38.0	40.5	30.8	31.8	33.3	38.2	26.2
Sept. 14.....	4.7	5.1	8.8	44.0	28.4	41.7	44.5	33.3	31.8	37.3	40.7	29.3
Dec. 14.....	4.3	4.5	8.8	35.9	24.6	31.5	39.8	28.4	30.0	36.2	45.5	29.7
1938.....	4.0	4.2	8.6	34.9	22.8	32.9	36.7	30.0	28.3	34.2	34.7	27.0
Mar. 15.....	4.2	4.3	8.8	31.9	21.3	32.2	37.3	28.3	23.4	35.9	36.9	28.5
June 14.....	4.0	4.2	8.8	36.0	23.2	35.0	36.2	29.1	29.8	36.3	32.2	26.7
Sept. 13.....	3.7	4.1	8.3	37.6	23.6	37.0	37.0	30.4	28.2	32.7	32.8	26.9
Dec. 13.....	3.6	3.9	8.1	35.0	23.2	29.6	35.1	28.3	27.6	30.3	35.6	25.7
1939.....	3.8	4.0	7.9	36.0	23.4	30.4	31.9	27.5	28.2	30.6	32.5	25.3
Mar. 14.....	3.6	3.9	7.9	35.7	23.5	30.3	34.0	28.1	27.5	31.5	31.4	25.1
June 13.....	3.6	4.0	7.9	36.2	23.4	29.6	31.2	27.8	30.0	31.5	30.5	24.8
Sept. 19.....	4.0	4.1	7.8	38.0	24.1	35.5	31.8	28.3	29.9	30.8	34.2	25.4
Dec. 12.....	4.3	4.1	7.8	34.6	22.9	25.0	28.7	25.3	25.8	27.5	35.9	26.2
1940.....												
Mar. 12.....	4.5	4.2	8.1	33.7	22.0	24.9	26.9	24.0	27.1	28.8	35.7	26.3
June 18.....	4.4	4.2	8.1	36.1	22.7	26.7	26.1	23.8	30.2	33.4	33.6	25.3

  

YEAR AND MONTH	Milk, fresh (delivered)	Eggs	Bananas	Oranges	Cabbage	Onions	Potatoes	Tomatoes, canned	Prunes, dried	Coffee	Lard	Sugar
1923.....	13.9	49.9	11.4	49.7	5.5	6.4	3.0	12.5	18.7	36.9	17.5	9.9
1924.....	13.4	51.0	11.1	44.8	5.2	5.9	2.8	12.8	17.4	42.6	18.8	9.0
1925.....	13.0	55.4	10.8	57.1	5.2	7.0	3.6	13.2	17.1	50.4	23.0	7.0
1926.....	14.0	53.9	10.8	51.6	5.5	6.0	4.9	11.8	16.8	50.2	21.7	6.8
1927.....	14.1	48.7	10.2	52.0	5.4	6.3	3.8	11.9	15.1	47.4	19.0	7.2
1928.....	14.2	50.3	9.9	58.6	5.1	6.2	2.7	11.7	13.5	48.2	18.3	6.9
1929.....	14.4	52.7	9.7	44.7	5.3	6.7	3.2	12.8	15.3	47.9	18.1	6.4
1930.....	14.1	44.5	9.1	57.1	5.6	5.0	3.6	12.1	16.1	39.5	16.8	6.1
1931.....	12.6	35.0	7.9	35.0	3.8	4.3	2.4	10.1	11.7	32.8	13.1	5.6
1932.....	10.7	30.2	6.5	30.2	4.1	5.0	1.7	9.3	9.2	29.4	8.7	5.0
1933.....	10.4	28.8	6.9	27.3	4.0	3.5	2.3	9.1	9.5	26.4	8.9	5.3
1934.....	11.2	32.5	6.6	34.1	3.6	4.4	2.3	10.5	11.4	26.9	11.7	5.5
1935.....	11.7	37.6	6.4	32.0	3.9	5.1	1.9	10.2	11.1	25.7	19.5	5.7
1936.....	12.0	37.1	6.4	33.6	4.3	3.8	3.2	9.5	9.9	24.3	16.4	5.6
1937.....	12.5	36.2	6.4	38.9	3.7	4.1	2.8	9.4	10.5	25.5	17.0	5.6
Mar. 16.....	12.5	32.9	6.6	38.4	3.9	4.5	3.8	9.6	10.7	26.2	17.5	5.7
June 15.....	12.2	31.8	6.4	40.6	4.1	4.5	2.9	9.6	10.7	25.5	17.2	5.6
Sept. 14.....	12.7	39.8	6.3	46.1	3.8	3.1	1.9	9.2	10.6	26.0	17.2	5.7
Dec. 14.....	12.9	38.6	6.3	29.4	3.7	4.3	2.0	9.0	9.7	24.9	14.7	5.6
1938.....	12.5	35.5	6.2	26.7	3.5	4.3	2.1	8.9	9.1	23.2	13.0	5.3
Mar. 15.....	12.7	28.7	6.3	24.8	4.4	4.6	2.1	8.9	9.1	23.5	13.6	5.5
June 14.....	12.3	31.8	6.2	26.8	3.8	4.6	2.7	9.0	9.0	23.1	12.7	5.3
Sept. 13.....	12.5	41.3	6.0	30.1	2.9	3.3	1.8	8.8	9.1	22.8	13.0	5.1
Dec. 13.....	12.5	42.8	6.2	26.8	3.0	3.9	2.2	8.6	9.0	22.8	12.0	6.2
1939.....	12.2	32.1	6.3	28.9	3.6	3.8	2.5	8.6	8.9	22.4	11.0	5.4
Mar. 14.....	12.4	28.6	6.3	24.2	3.7	4.1	2.3	8.5	8.9	22.8	11.3	5.1
June 13.....	11.5	27.9	6.1	28.6	3.5	3.9	2.7	8.7	8.9	22.3	10.4	5.2
Sept. 19.....	12.4	37.4	6.2	35.5	3.7	3.4	2.5	8.6	8.9	22.3	13.2	6.4
Dec. 12.....	12.8	34.2	6.4	27.5	3.5	3.2	2.4	8.7	9.0	22.1	10.4	5.6
1940.....												
Mar. 12.....	12.9	28.6	6.4	25.3	3.9	3.8	2.6	8.5	9.8	21.7	9.5	5.3
June 18.....	12.5	27.5	6.4	33.2	3.6	6.9	3.0	8.5	9.8	21.3	9.2	5.2

Source: Department of Labor, Bureau of Labor Statistics; data published currently in "Retail Prices."



No. 373.—UNIT VALUES, ANNUAL AVERAGE, OF IMPORTANT ARTICLES IMPORTED: 1909 TO 1939

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 (300 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
		Her-ring	Mack-erel	Goat	Cattle											Cigar wrappers	Other leaf			
June 30—	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1909.....	16.5	6.80	10.47	25.0	12.4	2.7	.89	2.8	1.40	11.4	7.5	16.2	2.30	69.8	20.3	.95	55.58	15.7	46.06	257.57
1910.....	17.3	6.90	10.45	26.6	14.7	2.6	.92	3.0	1.71	10.5	7.9	16.0	2.59	100.0	13.2	.98	52.90	18.4	54.71	277.10
1911.....	17.4	7.24	9.50	25.0	14.4	2.8	.94	4.1	2.04	10.5	10.3	17.2	2.45	105.8	14.9	1.08	53.62	21.8	72.33	342.47
1912.....	18.9	7.79	12.19	24.4	15.3	3.4	.82	4.4	1.90	10.9	13.3	18.0	2.81	84.4	12.2	1.25	51.17	18.4	71.12	346.65
1913.....	18.6	8.24	10.07	25.7	17.3	3.7	.70	4.5	1.54	12.4	13.8	18.4	2.18	79.5	13.9	1.29	45.30	18.9	74.01	318.01
1914.....	17.3	7.21	10.95	25.2	18.6	3.2	.89	5.3	1.22	11.8	11.1	18.4	2.00	54.0	16.1	1.28	50.41	15.8	105.38	290.37
1915.....	18.7	6.57	12.27	24.3	18.3	2.4	1.10	3.8	1.25	11.9	9.5	18.1	3.21	48.3	12.5	1.28	46.39	12.5	56.26	399.60
1916.....	23.5	7.86	13.65	27.2	20.3	2.4	1.02	4.1	1.38	14.4	9.6	18.7	3.70	57.9	12.8	1.43	40.37	17.2	73.07	505.59
1917.....	30.8	9.44	16.14	52.5	25.9	2.8	1.74	5.1	2.03	11.8	10.1	18.6	4.33	56.8	23.4	1.34	45.67	27.5	87.45	535.01
1918.....	41.6	10.44	20.74	47.4	25.3	3.5	2.02	5.5	2.56	10.3	9.0	20.4	4.82	52.1	41.5	1.14	50.48	34.9	92.11	1,037.72
Dec. 31—																				
1919.....	35.9	13.65	24.99	71.5	30.8	6.9	1.88	6.4	3.16	14.8	19.5	24.9	5.60	40.3	48.6	1.40	82.61	41.0	134.51	904.21
1920.....	35.4	12.49	18.81	110.5	31.0	10.3	2.10	6.6	3.03	15.8	19.5	27.0	12.56	42.9	80.8	1.80	88.23	46.2	100.93	566.77
1921.....	32.3	11.05	15.32	37.8	12.9	3.4	1.54	3.9	1.66	7.6	10.6	18.6	3.94	17.8	48.9	2.00	91.71	23.7	93.08	566.91
1922.....	31.4	10.18	17.34	40.5	14.5	3.4	1.15	3.7	2.09	9.3	12.9	24.5	2.59	15.1	59.3	2.04	74.39	25.6	107.38	575.03
1923.....	32.4	9.95	15.91	43.9	16.0	3.3	.99	4.0	2.01	8.2	13.5	28.2	4.93	26.7	59.7	2.35	80.18	26.4	128.33	511.09
1924.....	29.2	12.09	17.37	39.3	13.1	3.9	1.00	4.4	1.81	7.8	17.5	29.3	4.39	23.7	53.5	2.56	97.87	30.3	114.02	515.19
1925.....	27.8	13.30	15.60	40.7	16.0	4.3	1.39	5.0	2.40	10.0	22.3	31.2	2.78	48.4	51.0	2.66	80.27	33.7	190.69	680.59
1926.....	26.9	12.09	12.05	44.6	14.7	4.5	1.89	5.1	1.84	10.0	21.6	32.7	2.47	54.6	38.6	2.25	75.88	25.5	215.06	478.07
1927.....	30.7	12.69	13.10	43.6	17.4	4.6	1.31	4.6	1.74	13.4	18.4	31.6	3.06	35.6	41.4	2.15	64.90	22.2	131.52	479.08
1928.....	30.3	13.15	13.96	46.0	23.1	4.0	1.17	4.5	1.78	12.4	21.3	30.3	2.68	25.0	42.4	2.06	62.02	24.9	129.45	698.47
1929.....	29.2	12.54	15.45	47.4	16.0	4.1	1.11	4.2	1.92	9.3	20.4	28.9	2.14	19.1	31.4	1.84	65.37	23.9	128.35	579.24
1930.....	26.7	14.13	12.40	40.7	13.0	3.6	.98	3.7	2.11	8.4	13.1	26.6	1.85	12.9	27.3	1.60	52.99	19.7	107.76	429.26
1931.....	23.8	12.39	9.30	31.6	8.4	2.9	.64	2.4	.98	5.6	10.0	21.6	1.77	6.6	16.3	1.47	45.92	9.9	69.71	222.45
1932.....	22.5	9.32	6.66	20.0	5.6	2.6	.53	1.8	.65	4.1	9.1	13.1	1.63	3.5	13.3	1.33	39.22	9.9	64.19	216.50
1933.....	21.9	8.94	8.11	21.0	7.8	2.8	.56	1.4	.98	4.0	7.8	14.2	1.87	4.9	9.9	1.82	34.11	10.6	56.27	270.17
1934.....	22.4	10.02	9.82	26.4	7.9	2.9	.78	1.2	1.09	4.4	8.7	21.3	1.96	9.8	17.7	2.00	39.32	13.4	62.95	374.08
1935.....	22.0	10.66	10.56	24.3	8.6	2.7	.78	2.1	.89	4.4	7.8	19.9	2.26	11.4	13.6	2.18	36.65	14.0	72.82	490.07
1936.....	21.2	9.64	10.52	28.7	9.9	2.6	.91	2.1	1.15	5.2	7.7	21.7	2.66	14.5	11.7	2.19	38.65	13.2	82.09	442.68
1937.....	21.1	8.38	12.67	33.0	12.6	3.0	1.12	3.3	1.26	8.5	8.9	22.5	2.60	18.5	10.8	1.97	46.08	12.4	83.69	442.63
1938.....	21.2	8.74	10.85	22.6	8.7	3.3	.67	1.8	1.29	4.4	6.9	22.5	2.19	14.1	8.9	2.03	52.70	9.0	84.35	613.35
1939.....	21.7	9.30	9.45	23.3	9.04	3.0	.56	1.6	1.15	4.2	6.9	21.6	2.15	16.0	8.0	1.67	51.54	8.0	100.90	454.34

YEAR ENDED—	Hemp, per ton	Manila, per ton	Sisal, per ton	Jute bur- laps,per pound	WOOL, PER POUND			Silk. raw, per pound	Pulp- wood, per cord	Boards, planks, deals, per M feet <sup>1</sup>	Wood pulp, per ton	News- print paper, per pound	Bitami- nous coal, per ton	Petro- leum, crude, per gallon	Bar iron, per pound	Tin plates, terne- plates, per pound	Copper, pigs, ingots, bars, per pound <sup>2</sup>	Tin, bars, blocks, pigs, per pound	Sodi- um nitrate, per ton
					Carpet	Cloth- ing	Comb- ing												
June 30—	Dollars	Dollars	Dollars	Cents	Cents	Cents	Cents	Dollars	Dollars	Dollars	Dollars	Cents	Dollars	Cents	Cents	Cents	Cents	Dollars	
1909	153.45	115.60	111.71	5.9	11	21	21	3.38	5.96	18.85	31.47	2.4	2.85	1.8	2.7	13.3	28.54	35.60	
1910	161.89	112.78	114.44	5.0	13	24	25	3.21	6.39	18.37	31.11	2.1	2.75	1.8	2.8	12.5	30.52	30.65	
1911	177.78	116.04	102.72	5.3	13	23	26	3.25	6.40	18.51	28.42	2.2	2.83	2.0	3.2	11.9	36.67	31.29	
1912	219.75	116.74	103.67	6.6	13	21	24	3.11	6.47	17.46	29.78	2.1	2.85	2.0	4.3	12.7	41.56	32.03	
1913	193.67	171.08	115.71	9.0	14	23	25	3.15	6.71	17.38	32.14	2.0	2.77	2.0	4.0	15.3	46.30	35.17	
1914	177.34	196.82	119.98	8.6	17	25	26	3.42	6.75	19.13	33.49	2.0	2.71	2.0	3.0	14.4	39.35	31.82	
1915	217.73	180.12	110.74	7.0	17	23	25	3.09	6.67	18.99	33.32	2.0	2.90	1.9	3.3	13.4	32.44	28.34	
1916	252.45	178.30	112.87	9.0	22	28	29	3.61	6.51	18.98	33.27	1.9	2.99	2.8	7.9	19.5	35.34	29.98	
1917	258.17	225.03	130.82	10.8	29	36	39	4.61	6.78	20.86	60.71	2.4	3.23	4.1	10.8	26.1	39.97	35.06	
1918	403.40	352.99	343.18	13.3	40	54	62	5.25	9.46	25.49	62.66	2.8	4.42	4.8	8.4	24.5	54.60	43.64	
Dec. 31—																			
1919	561.69	280.95	273.65	14.8	38	51	59	7.35	9.99	32.24	65.24	3.5	5.48	5.1	12.4	20.5	56.73	48.00	
1920	411.75	304.09	185.52	15.6	32	51	58	9.48	13.62	42.31	110.50	4.7	6.06	6.1	14.5	18.6	58.54	47.75	
1921	255.56	184.71	118.00	8.7	12	22	20	5.71	14.23	34.67	63.30	5.0	6.56	4.7	12.1	12.6	30.71	48.71	
1922	232.40	124.89	103.33	9.4	17	25	29	7.21	10.53	29.54	56.31	3.5	5.92	2.8	5.1	12.5	30.26	48.21	
1923	288.61	130.32	109.19	11.2	21	37	38	7.92	9.95	31.75	60.52	3.7	6.03	2.6	5.2	14.3	39.56	47.05	
1924	345.50	175.54	142.98	10.3	24	46	47	6.39	10.24	30.10	55.71	3.7	5.73	2.7	6.8	12.6	47.32	47.81	
1925	458.87	290.51	170.79	13.6	30	46	53	6.21	10.20	30.33	55.09	3.6	4.90	2.0	12.6	12.9	55.40	47.23	
1926	373.73	263.92	182.86	13.7	26	35	39	5.91	10.25	28.79	59.01	3.3	4.85	2.3	6.1	12.6	60.63	46.79	
1927	309.08	255.49	153.32	11.8	26	34	37	5.27	10.32	27.82	57.37	3.3	4.98	2.0	8.0	63.30	40.24		
1928	341.41	202.65	145.10	12.9	25	44	44	4.87	10.45	26.98	53.27	3.2	4.91	2.9	7.4	12.4	49.80	35.81	
1929	290.74	186.95	156.58	12.0	27	38	38	4.91	10.81	27.62	52.75	3.0	4.88	3.0	11.2	16.1	47.06	37.52	
1930	259.95	138.08	138.50	9.1	20	26	25	3.57	10.76	23.84	49.63	2.9	5.34	3.3	11.5	13.2	33.31	37.71	
1931	145.17	95.60	83.44	6.7	12	24	20	2.28	10.97	20.86	42.72	2.7	5.52	2.0	9.7	8.5	24.82	38.34	
1932	148.38	62.91	50.10	5.0	9	14	15	1.54	8.61	19.29	35.45	2.4	5.34	2.3	2.9	5.7	21.12	29.19	
1933	211.00	56.99	56.89	6.1	10	19	18	1.52	7.41	22.03	33.09	1.9	4.63	2.8	6.9	6.2	36.36	19.07	
1934	254.15	66.31	70.91	7.4	13	24	23	1.27	7.54	25.39	38.34	1.7	4.52	3.0	11.3	7.0	50.02	19.32	
1935	235.54	80.52	71.03	7.0	14	23	21	1.42	7.48	24.54	* 36.59	1.7	4.07	2.0	11.7	6.9	43.50	20.32	
1936	317.22	144.99	104.45	6.4	18	26	27	1.70	7.84	24.01	* 36.37	1.8	4.25	2.6	11.9	8.3	44.30	19.39	
1937	284.49	177.95	115.06	6.3	27	33	33	1.84	8.14	27.45	* 41.04	1.8	4.04	3.2	13.0	11.7	52.84	18.53	
1938	238.26	115.58	88.43	5.6	19	32	30	1.61	8.53	24.65	* 42.55	2.2	4.37	2.6	13.1	9.2	40.30	18.59	
1939	313.88	90.83	72.90	6.3	18	25	24	2.34	8.34	26.89	* 37.45	2.2	4.81	3.7	11.2	9.6	44.95	13.55	

<sup>1</sup> Revised to exclude cabinet woods beginning 1919.

<sup>2</sup> Unrefined copper beginning 1916.

<sup>3</sup> Beginning 1935, tons of 2,000 pounds, air-dry weight.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the United States, and December issue of Monthly Summary of Foreign Commerce of the United States.

# 14. WAGES, HOURS OF LABOR, AND EMPLOYMENT

[Data in this section relate to continental United States, except as noted. For data relating to hours of labor, wages, and employment shown in other sections, consult the index]

## No. 874.—HOURS AND EARNINGS, AVERAGE, IN SELECTED MANUFACTURING INDUSTRIES: 1935 TO 1939

NOTE.—The averages in this table are based on monthly data supplied by representative establishments in the respective industries. As the number of such establishments varies slightly from month to month, the averages for different years are not in all cases strictly comparable; but the reporting "samples" are, in general, large enough to be representative of the industries. The average weekly earnings do not represent full-time earnings, inasmuch as the data from which they are computed cover both full-time and part-time workers. The average weekly hours and average hourly earnings are derived from somewhat smaller samples than the average weekly earnings, and therefore the product obtained by multiplying the hours by the hourly earnings is not identical with the average weekly earnings

YEAR	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	All manufacturing industries			Blast furnaces, steel works, and rolling mills			Cast-iron pipe			Hardware		
1935.....	\$20.85	36.5	\$0.569	\$23.17	34.9	\$0.664	\$15.40	31.0	\$0.490	\$20.27	37.1	\$0.540
1936.....	22.60	36.1	.564	27.37	40.0	.671	18.99	38.2	.493	22.00	41.0	.562
1937.....	24.05	38.6	.634	31.46	38.7	.818	21.17	37.8	.555	24.60	38.5	.641
1938.....	22.70	35.5	.639	23.78	28.7	.835	10.15	32.8	.677	22.25	33.6	.662
1939.....	24.58	37.6	.644	20.02	35.5	.843	21.33	36.4	.581	25.47	38.1	.668
	Steam and hot-water heating apparatus and steam fittings			Stoves			Structural and ornamental metalwork			Agricultural implements (including tractors)		
1935.....	\$21.76	37.3	\$0.581	\$21.58	38.1	\$0.566	\$20.58	35.2	\$0.586	\$25.28	39.4	\$0.646
1936.....	24.25	41.2	.687	24.12	41.7	.582	24.32	41.7	.584	25.94	39.4	.661
1937.....	27.08	40.0	.676	25.02	39.4	.638	23.18	41.2	.684	30.60	39.7	.773
1938.....	23.15	33.1	.699	23.67	36.0	.663	25.93	36.0	.723	28.25	35.8	.791
1939.....	26.19	37.6	.697	25.25	38.1	.666	27.95	38.5	.727	29.61	37.7	.780
	Electrical machinery, apparatus, and supplies			Engines, turbines, water wheels, and windmills			Foundry and machine-shop products			Machine tools		
1935.....	\$22.90	36.8	\$0.623	\$24.40	37.5	\$0.651	\$22.66	37.8	\$0.599	\$25.89	41.5	\$0.624
1936.....	24.98	39.9	.624	26.87	40.6	.663	25.55	42.4	.601	28.40	44.6	.636
1937.....	28.05	39.4	.711	30.47	40.5	.757	28.51	41.9	.680	32.24	45.1	.716
1938.....	25.37	34.2	.741	28.31	36.2	.786	24.94	36.0	.711	26.61	36.3	.733
1939.....	28.43	38.5	.740	31.44	40.0	.790	27.83	38.9	.716	32.25	42.9	.752
	Radios and phonographs			Textile machinery and parts			Aircraft			Automobiles		
1935.....	\$19.40	35.9	\$0.542	\$22.46	36.7	\$0.613	\$25.75	40.9	\$0.650	\$27.41	37.1	\$0.739
1936.....	20.10	37.3	.540	24.55	41.0	.599	26.08	42.1	.632	29.75	38.5	.774
1937.....	21.26	36.3	.588	27.52	42.4	.651	27.83	42.3	.666	31.94	35.9	.891
1938.....	21.55	36.0	.601	23.00	34.7	.604	25.02	40.1	.723	30.45	32.9	.925
1939.....	22.34	38.5	.581	26.19	39.8	.660	30.34	41.5	.745	32.90	35.5	.929
	Shipbuilding			Aluminum manufactures			Brass, bronze, and copper products			Smelting and refining—copper, lead, and zinc		
1935.....	\$24.77	32.8	\$0.750	\$21.09	39.0	\$0.542	\$22.86	39.3	\$0.582	\$21.61	38.9	\$0.556
1936.....	27.35	35.7	.760	23.38	41.3	.566	24.75	41.6	.595	23.90	41.5	.578
1937.....	30.51	37.1	.814	25.06	40.4	.643	27.59	39.6	.697	27.91	41.3	.676
1938.....	30.91	36.6	.837	24.67	36.3	.679	24.31	34.6	.719	26.15	38.2	.685
1939.....	31.91	38.0	.835	26.68	39.2	.680	28.57	39.6	.723	28.67	38.2	.699
	Stamped and enameled ware			Lumber—millwork			Lumber—sawmills			Brick, tile, and terracotta		
1935.....	\$19.97	37.4	\$0.534	\$17.99	39.5	\$0.454	\$14.41	37.2	\$0.387	\$16.14	35.8	\$0.450
1936.....	22.44	40.0	.553	20.16	43.2	.467	17.18	43.1	.398	18.94	41.9	.453
1937.....	24.29	38.8	.625	21.76	42.0	.520	18.97	43.3	.433	20.88	40.2	.519
1938.....	22.65	35.9	.629	21.29	39.2	.542	18.01	40.4	.446	18.88	36.1	.523
1939.....	23.92	38.1	.627	22.17	41.1	.540	18.29	38.4	.476	20.56	37.8	.543

## No. 374.—HOURS AND EARNINGS, AVERAGE, IN SELECTED MANUFACTURING INDUSTRIES: 1935 TO 1939—Continued

YEAR	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Cement			Glass			Pottery			Carpets and rugs		
1935	\$19.39	33.0	\$0.572	\$20.56	35.4	\$0.584	\$19.08	36.3	\$0.540	\$20.55	36.5	\$0.564
1936	22.27	35.5	.579	22.35	36.8	.609	21.22	39.9	.553	20.61	36.7	.563
1937	25.35	38.8	.655	24.97	37.1	.675	23.12	39.0	.596	21.28	34.1	.622
1938	25.47	37.1	.687	23.72	33.6	.707	21.07	35.0	.632	20.00	31.4	.638
1939	26.67	38.2	.699	25.32	35.2	.721	22.74	37.2	.625	23.25	36.1	.644
	Cotton goods			Dyeing and finishing textiles			Hosiery			Silk and rayon goods		
1935	\$13.06	34.6	\$0.376	\$18.95	35.4	\$0.533	\$17.30	34.3	\$0.515	\$15.55	34.8	\$0.447
1936	13.79	37.5	.368	20.17	38.9	.517	17.89	35.5	.522	15.44	36.2	.426
1937	14.97	36.2	.413	21.23	37.5	.561	18.87	35.5	.547	16.16	35.9	.450
1938	13.35	33.7	.366	20.27	37.2	.541	18.93	34.9	.552	15.32	34.9	.435
1939	14.26	36.7	.389	20.82	38.6	.535	18.08	35.6	.536	15.78	36.5	.429
	Woolen and worsted goods			Clothing, men's			Leather			Beverages		
1935	\$18.13	36.8	\$0.493	\$18.27	30.4	\$0.595	\$21.47	38.2	\$0.562	\$30.04	39.0	\$0.770
1936	18.11	36.2	.501	18.39	32.2	.560	21.99	39.2	.561	31.50	40.5	.784
1937	19.99	35.3	.569	18.98	32.0	.591	23.00	38.8	.617	33.05	40.4	.826
1938	18.53	34.1	.545	17.36	29.5	.586	23.52	37.3	.632	32.95	39.1	.849
1939	19.21	36.4	.528	19.32	33.2	.581	24.43	38.7	.634	33.46	39.0	.855
	Canning and preserving			Confectionery			Flour			Slaughtering and meat packing		
1935	\$13.72	35.9	\$0.383	\$15.98	36.7	\$0.436	\$21.68	39.4	\$0.548	\$22.84	40.4	\$0.559
1936	14.14	38.6	.393	16.38	39.5	.418	23.60	43.8	.536	23.89	42.2	.565
1937	16.76	37.9	.457	17.76	39.3	.454	25.59	44.3	.571	27.27	41.0	.665
1938	15.86	36.0	.454	17.88	37.9	.476	26.12	43.7	.593	28.10	41.0	.688
1939	16.77	36.9	.464	18.64	38.1	.492	25.80	42.3	.605	27.85	40.6	.686
	Sugar, beet			Sugar refining, cane			Chewing and smoking tobacco and snuff			Cigars and cigarettes		
1935	\$20.57	42.1	\$0.498	\$22.04	38.5	\$0.568	\$15.03	34.9	\$0.432	\$13.97	35.0	\$0.395
1936	21.38	43.8	.495	22.71	38.8	.579	15.81	35.7	.444	14.77	35.7	.405
1937	23.91	42.6	.574	26.18	41.0	.629	17.67	36.2	.491	16.32	37.2	.440
1938	25.08	44.0	.578	24.02	39.1	.613	17.64	35.1	.505	16.19	35.6	.457
1939	24.68	42.9	.585	23.91	37.6	.630	17.53	34.1	.514	16.69	35.0	.471
	Boxes, paper			Paper and pulp			Printing and publishing—book and job			Printing and publishing—newspapers and periodicals		
1935	\$18.02	38.1	\$0.497	\$20.56	38.9	\$0.529	\$27.48	37.4	\$0.737	\$33.11	36.8	\$0.892
1936	19.55	40.9	.481	22.33	41.6	.537	28.41	38.6	.742	35.15	37.0	.922
1937	20.57	40.4	.515	24.75	41.0	.604	30.05	39.4	.773	36.85	37.0	.962
1938	20.72	38.4	.544	23.57	38.1	.619	29.55	37.5	.798	37.18	36.3	.987
1939	21.78	40.2	.547	24.92	40.3	.620	30.30	38.3	.804	37.58	36.1	1.004
	Chemicals			Fertilizers			Paints and varnishes			Rayon and allied products		
1935	\$25.29	39.7	\$0.636	\$11.00	33.6	\$0.327	\$23.32	39.8	\$0.586	\$19.48	37.9	\$0.514
1936	26.54	40.6	.653	12.77	38.5	.332	25.12	41.9	.600	20.52	38.0	.532
1937	30.13	39.9	.755	15.05	40.1	.378	27.59	41.2	.670	23.70	38.5	.617
1938	29.86	38.0	.786	14.86	37.1	.401	27.21	39.1	.697	22.78	35.3	.645
1939	31.30	40.0	.784	14.71	35.8	.412	28.48	40.5	.704	24.52	37.9	.646
	Soap			Petroleum refining			Rubber goods, other than boots, shoes, tires, and inner tubes			Rubber tires and inner tubes		
1935	\$22.53	38.0	\$0.593	\$27.81	35.0	\$0.801	\$19.65	37.5	\$0.527	\$27.01	32.3	\$0.842
1936	23.69	39.4	.601	29.36	35.8	.827	21.39	40.3	.535	30.72	35.4	.873
1937	27.10	39.8	.682	33.72	36.0	.945	22.99	39.1	.592	30.08	31.8	.950
1938	27.65	39.0	.708	34.91	35.9	.973	21.69	38.5	.597	28.11	29.6	.948
1939	28.11	39.8	.707	34.97	36.1	.974	23.34	38.9	.605	33.36	35.0	.987

Source: Department of Labor, Bureau of Labor Statistics; monthly figures are published currently in the Monthly Labor Review and in a pamphlet, "Employment and Pay Rolls."



No. 375.—EARNINGS, AVERAGE WEEKLY, IN MANUFACTURING INDUSTRIES;  
COST OF LIVING; WEEKLY EARNINGS ADJUSTED TO COST OF LIVING—INDEXES:  
1922 TO 1939

NOTE.—1923-25 average=100. The indexes of average weekly earnings in this table are derived from the employment and pay-roll indexes shown in table 370. The indexes of cost of living are those shown in table 367, p. 328, converted to a 1923-25 base. The significance of changes in average earnings is affected by such considerations as labor productivity, labor cost per unit of output, labor turnover, and wholesale prices. Such qualifying data are embodied in detailed reports of the Bureau of Labor Statistics

YEAR	Average weekly earnings	Cost of living	Weekly earnings adjusted to cost of living	YEAR	Average weekly earnings	Cost of living	Weekly earnings adjusted to cost of living
1922	89.5	97.2	92.1	1931	86.8	88.2	98.4
1923	99.1	99.0	100.1	1932	70.4	79.2	88.9
1924	99.6	99.2	100.4	1933	63.3	75.0	91.1
1925	101.3	101.8	99.5	1934	75.3	77.7	96.9
1926	102.5	102.6	99.9	1935	81.2	79.6	102.0
1927	102.9	100.7	102.2	1936	86.7	80.4	107.8
1928	103.8	99.5	104.3	1937	94.4	83.4	113.2
1929	104.2	99.5	104.7	1938	86.8	81.8	106.1
1930	96.8	96.9	99.0	1939	93.8	80.7	116.2

Source: See headnote.

No. 376.—HOURS AND EARNINGS, AVERAGE, IN SELECTED NONMANUFACTURING INDUSTRIES: 1935 TO 1939

NOTE.—See headnote, table 374

YEAR	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Anthracite mining			Bituminous coal mining			Metalliferous mining			Quarrying and non-metallic mining		
1935	\$25.98	31.7	\$0.823	\$19.53	26.4	\$0.745	\$23.33	38.7	\$0.593	\$16.68	34.9	\$0.475
1936	25.63	30.8	.833	22.71	28.8	.794	25.45	42.0	.605	19.69	41.4	.475
1937	26.19	28.8	.873	23.84	27.9	.850	30.59	43.8	.700	22.20	41.6	.533
1938	23.76	25.3	.922	20.80	23.5	.878	26.67	39.5	.678	21.00	38.6	.543
1939	25.67	27.7	.923	23.88	27.1	.886	28.05	40.0	.705	21.61	39.2	.550
	Crude petroleum producing			Telephone and telegraph			Electric light and power			Street railways and busses		
1935	\$28.88	36.1	\$0.785	\$28.32	(1)	(1)	\$31.07	39.3	\$0.790	\$28.31	45.3	\$0.616
1936	29.93	38.2	.768	29.29	(1)	(1)	32.22	40.1	.803	30.03	46.3	.638
1937	33.24	39.7	.827	30.61	(1)	(1)	34.22	40.3	.853	31.48	45.9	.676
1938	34.12	39.7	.844	30.89	39.1	\$0.797	34.15	39.9	.858	32.23	44.9	.707
1939	34.09	38.3	.878	31.07	39.1	.800	34.38	39.6	.869	35.13	45.9	.714
	Wholesale trade			Retail trade—total			Retail trade—general merchandising			Retail trade—other than general merchandising		
1935	\$26.93	41.3	\$0.648	\$19.96	41.8	\$0.521	\$17.02	39.0	\$0.466	\$22.47	42.7	\$0.538
1936	28.53	42.6	.667	20.68	43.5	.522	17.51	40.8	.460	23.41	44.4	.541
1937	29.94	42.8	.698	21.73	43.3	.511	18.49	39.8	.503	24.48	44.4	.557
1938	29.48	42.2	.700	21.14	42.6	.543	17.82	39.4	.481	24.03	43.7	.552
1939	29.85	41.7	.715	21.17	42.6	.548	17.80	39.3	.480	24.10	43.7	.570
	Hotels (year round) <sup>2</sup>			Laundries			Dyeing and cleaning			Private building construction <sup>3</sup>		
1935	\$18.57	47.8	\$0.279	\$15.55	40.7	\$0.366	\$18.27	41.7	\$0.437	\$24.51	30.1	\$0.815
1936	13.97	48.3	.287	16.06	42.5	.374	16.65	42.8	.442	27.08	32.8	.824
1937	14.78	47.7	.308	16.82	42.9	.391	19.72	42.7	.470	30.24	33.4	.903
1938	14.93	40.8	.315	17.15	42.0	.411	19.93	41.8	.483	29.18	32.1	.908
1939	15.25	47.1	.324	17.69	42.7	.417	19.95	41.8	.490	30.34	32.6	.932

<sup>1</sup> Not available.

<sup>2</sup> Cash payments only; the additional value of board, room, and tips cannot be computed.

<sup>3</sup> Not including projects financed by Public Works Administration, or Reconstruction Finance Corporation Funds, or regular governmental appropriations.

Source: Department of Labor, Bureau of Labor Statistics; monthly figures are published currently in the Monthly Labor Review and in a pamphlet, "Employment and Pay Rolls."

No. 377.—WAGE RATES—AVERAGE HOURLY RATES FOR COMMON LABOR IN IMPORTANT INDUSTRIES: 1928 TO 1939.

NOTE.—In cents per hour as of July 1 of each year. Figures represent entrance rates paid unskilled adult males in important industries employing considerable numbers of common laborers

YEAR	All industries covered	Manufacturing	Public utilities	Building construction	INDUSTRY	1939		
						Total	North and West	South and Southwest
Total, 13 industries:								
1928	42.8	40.2	42.9	47.4	Manufacturing—Con.			
1929	43.2	40.7	42.8	48.3	Brick, tile, terra cotta	43.5	47.7	28.3
1930	42.9	40.5	44.6	47.0	Cement	52.2	56.3	40.3
1931	40.3	38.3	44.6	42.6	Chemicals	52.7	59.0	38.1
1932	35.5	31.8	41.5	39.9	Fertilizers	36.2	46.5	29.6
1933	33.3	30.5	38.7	38.3	Foundry and machine-shop products	49.6	51.0	34.2
1934	42.0	40.7	41.8	45.5	Glass	51.8	52.9	40.8
1935	43.0	41.5	42.0	48.1	Iron and steel	58.3	60.0	44.3
1936	43.4	42.5	42.9	50.9	Leather	47.3	49.0	37.1
1937	51.4	51.4	46.7	55.3	Lumber (sawmills)	37.4	58.2	25.9
1938	50.9	50.5	48.0	56.6	Meat packing	57.2	58.6	43.3
1939	50.0	48.7	48.5	60.1	Paints and varnishes	51.7	53.7	34.2
Total, 20 industries:					Paper and pulp	47.1	50.5	39.1
1928	50.8	50.4	48.0	56.6	Petroleum refining	64.2	68.0	57.7
1939	49.9	48.7	48.5	60.1	Rubber tires and inner tubes	(?)	(?)	(?)
					Soap	55.2	(?)	(?)
					Public utilities	48.5	51.3	36.1
					Electric light and power	47.7	50.1	38.4
					Electric street-railway and city motorbus operation and maintenance	49.9	52.4	32.1
					Manufactured and natural gas	47.7	51.3	36.2
					Building construction	60.1	67.3	37.7

<sup>1</sup> Figures through 1935 cover a small amount of construction outside the building industry.  
<sup>2</sup> Representative data not available. <sup>3</sup> Withheld to avoid disclosing plant identity.

Source: Department of Labor, Bureau of Labor Statistics; December 1939 Monthly Labor Review.

No. 378.—WAGE RATES—HOURLY RATES FOR COMMON LABOR IN ROAD BUILDING, BY GEOGRAPHIC DIVISIONS: 1926 TO 1940

[In cents per hour]

YEAR AND MONTH	United States, average <sup>1</sup>	New England	Middle Atlantic	South Atlantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific
Federal-aid projects: <sup>2</sup>										
1926	38	50	46	29	25	27	38	36	43	52
1927	39	49	47	27	25	30	39	38	45	53
1928	40	50	44	26	20	28	39	39	46	53
1929	39	51	43	27	26	31	40	38	46	53
1930	39	50	42	25	25	28	38	37	47	53
1931	36	45	38	21	20	23	37	36	45	51
1932	32	36	36	19	19	26	37	34	44	48
1933 <sup>3</sup>	35	36	36	23	20	28	41	35	44	52
1934 <sup>4</sup>	40	42	41	26	25	33	49	38	50	57
1935 <sup>5</sup>	43	43	44	26	27	33	51	38	51	57
1936	41	44	45	25	30	31	49	41	52	57
1937	41	45	47	26	28	31	56	44	53	61
1938	40	45	50	27	28	37	60	46	55	66
1939	42	48	52	29	29	37	60	45	58	65
1940 (Jan.—June)	44	51	54	33	33	39	64	44	56	70
Emergency, Public Works, or Works Program <sup>6</sup> projects: <sup>7</sup>										
1933	37	40	39	24	23	29	40	39	50	52
1934	42	43	41	31	30	35	50	44	55	58
1935	41	45	43	31	30	36	53	47	56	57
1936	38	42	49	27	26	29	49	39	52	58
1937	40	49	50	27	29	30	61	48	52	63
1938	38	50	52	26	30	31	67	51	60	63
1939 <sup>8</sup>	39	40	60	28	31	33	65	52	57	66

<sup>1</sup> Changes in United States wage rates are affected by the relative number of men employed in areas with higher or lower wage rates.

<sup>2</sup> Beginning with March 1932 through December 1935, data from State projects also are included.

<sup>3</sup> Average for 10 months. <sup>4</sup> Average for 11 months.

<sup>5</sup> Federal-aid projects were at a low level for 1933 to 1935 and wage rates are not representative; see data for emergency, etc., projects. <sup>6</sup> Works Program as such abandoned July 1939.

<sup>7</sup> Data are based upon the type of project that employed the greatest number of men for the given year.

<sup>8</sup> Data not available after 1939.

Source: Federal Works Agency, Public Roads Administration; records.

**No. 379.—EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES—INDEXES, BY MONTHS: 1922 TO 1940**

NOTE.—Monthly average, 1923-25=100. Indexes are based on monthly reports from representative establishments in 90 manufacturing industries. These industries and industry groups are shown in tables 381-388. The base used in computing these indexes is the 3-year average, 1923-25, taken as 100. Indexes are not adjusted for seasonal variation. Indexes in this table and tables 380-388 have been adjusted to conform with the Federal Biennial Census statistics on factory employment and pay rolls through the year 1937 and supersede the previously published series. It was not found practicable to follow some of the modifications made by the 1937 census in industry classifications because comparable data were not available from the census for the base-period years 1923 and 1925. In such cases the indexes of employment and pay rolls between 1935 and 1937, as in earlier revisions, were adjusted to movements of selected census data on the assumption that such movements would agree closely with those of the former census series. For indexes of employment adjusted for seasonal variations, see table 380.

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
<b>EMPLOYMENT</b>													
1922	82.4	84.5	85.8	85.7	87.9	89.6	90.5	93.1	95.1	96.6	98.0	99.1	90.7
1923	100.2	102.4	104.6	105.1	105.2	105.7	104.6	104.8	105.3	104.0	102.8	101.1	103.8
1924	100.1	101.7	101.9	100.1	96.8	93.8	90.6	92.0	94.2	95.0	94.5	96.1	96.4
1925	96.6	98.3	99.2	99.1	98.6	98.4	98.3	100.0	101.9	102.6	102.2	101.8	99.8
1926	101.0	102.0	102.5	101.8	100.8	100.8	99.7	101.8	104.0	103.6	101.6	100.3	101.7
1927	98.6	100.2	100.9	100.3	99.6	99.7	98.6	99.9	101.2	100.2	98.6	96.5	99.5
1928	95.3	97.2	98.2	97.8	97.8	98.5	98.4	101.1	103.3	103.5	102.6	102.1	99.7
1929	101.7	104.1	105.4	106.7	106.5	106.8	107.3	109.2	110.3	109.0	104.6	100.7	106.0
1930	98.2	98.3	97.9	97.3	95.6	93.6	90.4	89.7	90.7	88.7	85.4	82.9	92.4
1931	80.1	80.8	81.2	81.2	80.6	78.8	77.7	77.9	78.3	75.5	72.7	72.0	78.1
1932	70.0	71.2	70.1	67.8	65.2	63.2	61.0	62.7	66.1	67.2	66.3	65.1	66.3
1933	63.3	64.7	62.3	63.9	66.8	71.6	76.2	81.3	85.0	84.6	81.2	79.5	73.4
1934	73.8	83.7	87.8	88.8	89.0	87.8	86.3	87.4	83.5	85.9	84.3	85.6	85.7
1935	86.7	89.6	91.0	91.2	89.9	88.3	88.7	91.7	93.9	95.2	94.6	94.2	91.3
1936	92.3	92.7	93.9	95.5	96.4	97.0	98.4	101.2	103.8	104.9	104.9	102.4	99.0
1937	104.7	107.6	110.1	111.3	111.5	110.3	110.9	112.3	112.3	110.3	104.1	97.4	108.6
1938	98.6	91.1	90.6	88.5	89.1	84.3	84.7	85.8	92.0	92.4	93.3	94.0	89.7
1939	92.2	93.6	94.3	94.1	93.0	93.4	93.5	96.3	100.2	103.6	103.8	104.1	96.8
1940	101.4	101.4	100.8	99.6	99.0	99.4							
<b>PAY ROLLS</b>													
1922	60.6	72.5	74.4	73.6	77.0	80.0	80.2	84.1	87.0	88.7	92.2	94.5	81.2
1923	93.9	97.8	102.6	103.8	107.3	107.2	102.9	103.1	103.8	105.9	103.9	102.7	102.9
1924	98.9	104.5	104.5	102.0	97.6	91.9	85.3	89.1	92.4	94.6	93.1	97.6	96.0
1925	95.0	101.0	102.8	100.4	101.4	99.2	97.5	100.1	99.4	105.3	105.1	105.5	101.1
1926	101.6	105.7	107.2	104.9	103.5	103.7	99.4	103.8	105.1	108.0	104.3	103.6	104.2
1927	98.6	104.8	106.6	105.0	104.8	103.2	99.1	102.5	102.1	102.7	98.9	100.0	102.4
1928	96.6	102.0	103.0	101.3	102.3	102.7	100.2	104.6	106.2	109.5	106.2	106.9	103.5
1929	103.8	110.8	113.0	114.1	114.3	112.7	108.6	113.5	114.4	113.7	104.9	101.2	110.4
1930	95.5	99.6	99.7	98.5	96.1	92.9	85.0	83.8	84.8	82.9	77.3	75.4	89.4
1931	70.3	74.4	75.9	74.7	73.6	69.9	66.6	66.4	63.8	61.8	58.3	57.8	67.8
1932	54.0	55.4	53.0	46.6	46.8	43.7	40.4	41.4	44.0	45.8	43.6	42.4	46.7
1933	40.3	41.4	38.3	40.4	44.4	49.1	52.7	58.6	61.3	61.1	57.3	55.5	50.1
1934	56.1	62.9	67.2	69.6	69.7	67.4	62.8	65.1	60.8	64.0	62.5	66.2	64.5
1935	67.5	72.6	74.4	74.6	71.8	69.8	69.1	74.0	76.8	79.5	78.6	80.5	74.1
1936	76.9	76.6	80.5	82.6	84.0	84.2	83.5	87.3	87.2	92.9	94.4	99.2	85.8
1937	94.6	100.1	105.9	109.7	110.1	107.6	105.2	108.7	104.9	104.9	93.3	84.6	102.5
1938	75.3	77.5	77.6	74.9	73.2	71.1	71.1	77.3	81.6	84.2	84.4	87.1	77.9
1939	83.7	86.0	87.6	85.5	85.0	86.5	84.4	89.7	93.8	101.6	101.0	103.7	90.8
1940	98.3	97.8	98.2	96.3	96.3	97.0							

Source: Department of Labor, Bureau of Labor Statistics. Indexes are published currently in a pamphlet entitled "Employment and Pay Rolls," and in Monthly Labor Review.

**No. 380.—EMPLOYMENT IN MANUFACTURING INDUSTRIES—INDEXES ADJUSTED FOR SEASONAL VARIATIONS, BY MONTHS: 1925 TO 1940**

NOTE.—Monthly average, 1923-25=100. Indexes are based upon data shown in table 379. For a description of methods of adjustment see Federal Reserve Bulletin, October 1938, p. 835, and October 1939, p. 878.

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1925	98.1	98.6	98.7	99.0	99.0	98.9	99.4	99.7	99.9	101.1	102.0	102.4	99.8
1926	102.7	102.4	102.0	101.7	101.1	101.3	101.0	101.5	102.0	102.0	101.4	101.0	101.7
1927	100.4	100.8	100.4	100.2	100.1	100.1	99.7	99.6	99.1	98.4	97.9	97.4	99.5
1928	97.3	97.8	97.9	97.7	98.2	98.7	99.2	100.4	100.9	101.7	102.7	103.3	99.7
1929	104.2	105.0	105.3	104.4	106.6	107.0	108.1	108.4	107.3	106.6	104.4	101.9	106.0
1930	100.6	99.0	97.7	97.0	96.7	93.9	91.2	89.0	87.7	86.9	85.3	83.8	92.4
1931	82.4	81.4	81.1	81.0	80.7	79.2	78.7	77.5	76.0	75.9	72.6	72.4	78.1
1932	71.8	71.4	69.3	67.6	65.3	63.6	61.9	62.4	64.4	65.8	66.2	65.5	69.3
1933	64.0	65.0	62.2	63.8	67.1	72.2	77.4	81.0	82.8	82.4	81.2	80.1	73.4
1934	80.7	83.9	85.9	88.3	89.0	88.3	87.3	86.4	81.3	84.4	84.6	86.4	85.7
1935	88.7	90.0	90.6	90.7	90.0	89.2	90.0	91.0	92.0	93.0	94.2	94.7	91.3
1936	94.6	93.3	93.6	95.4	96.7	97.9	99.8	100.6	101.6	102.4	104.4	106.9	99.0
1937	107.3	108.4	109.8	111.0	111.8	111.2	112.3	111.7	110.3	107.8	103.7	97.9	108.0
1938	98.0	91.9	90.4	88.2	86.4	85.2	85.0	87.9	90.4	90.2	92.8	94.9	89.7
1939	94.0	94.3	94.0	93.8	93.3	94.3	95.3	95.9	97.5	101.2	103.4	104.6	96.8
1940	103.0	102.1	100.4	99.2	99.2	100.2							

Source: Board of Governors of the Federal Reserve System; indexes are published currently in Federal Reserve Bulletin.

No. 381.—EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES—INDEXES FOR DURABLE-GOODS AND NONDURABLE-GOODS GROUPS, BY MONTHS: 1926 TO 1940

NOTE.—Monthly average, 1923-25=100. See headnote, table 379

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
<b>DURABLE-GOODS GROUP<sup>1</sup></b>													
<b>EMPLOYMENT</b>													
1926	101.3	102.9	103.9	104.3	103.7	103.2	101.8	103.0	103.5	103.0	100.8	98.6	102.5
1927	96.0	97.9	99.1	99.3	99.2	98.2	95.8	96.4	95.9	95.2	92.9	91.5	96.5
1928	90.3	92.8	94.9	96.1	97.7	98.2	97.4	99.9	101.3	101.6	101.0	100.6	97.7
1929	101.0	103.9	105.9	108.0	109.3	109.3	109.2	110.3	109.8	107.7	102.5	97.8	106.2
1930	94.8	95.3	95.1	94.9	93.8	90.8	86.3	83.7	82.3	80.9	78.1	75.7	87.6
1931	72.8	72.4	72.5	72.6	71.9	69.8	67.1	65.8	65.0	62.2	60.6	60.2	67.7
1932	58.1	58.8	57.5	55.5	54.0	52.5	50.1	48.9	49.2	49.6	50.0	49.0	52.8
1933	47.7	48.0	46.8	47.9	50.9	55.3	59.8	65.0	68.3	68.0	66.1	65.8	57.5
1934	65.1	69.4	73.5	76.6	78.3	77.6	75.1	72.9	70.7	69.3	68.8	71.2	72.4
1935	73.5	77.3	79.3	80.2	79.7	77.4	77.3	79.1	79.9	83.8	85.1	84.7	79.8
1936	83.2	83.0	84.7	87.5	89.6	90.5	91.0	91.3	92.5	96.3	98.3	100.4	90.7
1937	97.9	101.2	104.9	109.1	107.8	107.8	108.2	107.6	106.8	107.2	101.4	92.4	104.3
1938	82.4	80.8	80.0	77.7	75.7	73.1	70.9	72.4	75.9	79.7	82.9	83.8	77.9
1939	82.3	83.3	84.1	84.8	84.0	84.6	83.0	83.9	89.8	90.1	98.2	100.0	87.8
1940	97.4	96.6	96.4	96.0	96.5	97.0							
<b>PAY ROLLS</b>													
1926	89.9	106.4	108.6	107.8	106.5	106.1	100.2	104.7	104.6	108.2	103.9	101.1	104.8
1927	63.6	101.8	104.8	104.6	104.7	101.2	94.8	98.5	96.1	97.7	93.7	94.7	98.9
1928	90.1	98.0	101.0	101.4	103.9	103.0	99.0	104.5	104.8	109.4	106.1	105.8	102.3
1929	112.5	111.5	114.6	117.5	118.7	115.8	109.8	115.4	114.6	113.4	102.9	97.4	111.2
1930	91.0	96.1	96.8	97.0	94.8	90.3	79.1	76.0	75.4	74.4	68.6	66.1	83.8
1931	59.1	63.7	65.2	64.6	63.7	68.7	53.6	52.2	48.8	47.7	45.3	44.0	55.6
1932	40.7	41.8	39.5	36.9	35.8	32.6	29.4	27.9	27.9	29.8	29.5	29.0	33.4
1933	27.5	27.8	25.8	27.5	32.0	36.4	39.6	45.2	46.0	46.3	43.6	43.8	36.8
1934	43.1	40.6	54.8	59.6	60.9	59.2	51.3	51.7	47.1	48.2	48.1	52.7	52.2
1935	55.1	61.6	63.6	64.9	62.6	60.0	58.2	62.5	64.6	70.4	71.9	73.5	64.1
1936	60.1	68.1	73.2	78.2	81.0	81.6	78.7	79.8	80.1	88.6	92.4	97.3	80.7
1937	90.3	96.8	104.9	112.0	113.3	109.9	108.1	109.2	104.7	107.0	93.8	80.2	102.4
1938	66.5	66.6	66.8	65.0	63.6	61.1	58.1	63.1	68.1	74.6	77.6	79.6	67.6
1939	76.0	77.7	79.4	79.5	78.8	80.7	76.0	81.5	87.8	90.6	100.9	104.6	85.2
1940	98.2	99.7	97.6	97.2	97.5	100.0							
<b>NONDURABLE-GOODS GROUP<sup>2</sup></b>													
<b>EMPLOYMENT</b>													
1926	100.7	101.1	101.2	99.4	98.0	98.5	97.7	100.7	104.4	104.2	102.4	101.9	100.9
1927	101.1	102.3	102.6	101.2	100.0	101.1	101.2	103.3	105.2	104.9	102.8	101.3	102.3
1928	100.1	101.3	101.3	99.4	98.0	98.7	99.4	102.2	105.1	105.4	104.1	103.6	101.6
1929	102.3	104.3	105.0	105.4	103.9	104.4	105.6	108.2	110.8	110.2	106.6	103.6	105.9
1930	101.4	101.2	100.5	99.0	97.4	96.3	94.3	95.3	98.5	96.2	92.3	89.9	96.9
1931	87.5	88.7	89.5	89.4	88.9	87.4	87.8	89.5	90.9	88.1	84.3	83.2	87.9
1932	81.4	83.0	82.1	79.5	75.9	73.4	71.5	75.9	82.2	83.9	81.8	79.8	79.2
1933	78.4	80.1	77.0	79.1	82.0	87.1	91.8	97.0	100.8	100.3	95.6	92.5	88.5
1934	91.8	97.2	100.2	100.4	99.3	97.6	97.0	101.2	95.8	101.8	99.0	99.4	98.4
1935	99.3	101.3	102.2	101.7	99.5	98.6	99.6	103.7	107.2	106.1	103.7	103.2	102.2
1936	101.0	102.0	102.7	103.0	102.8	103.1	105.4	110.7	114.5	113.1	111.3	112.2	106.8
1937	111.2	113.7	115.1	115.0	113.8	112.6	113.5	116.8	117.6	113.3	106.7	102.2	112.6
1938	98.5	100.9	100.7	98.7	96.0	94.9	97.8	104.4	107.3	104.6	103.1	103.3	100.9
1939	101.7	103.5	104.0	103.0	101.6	101.8	103.5	108.1	110.2	110.8	109.2	108.0	105.5
1940	105.3	106.1	106.1	103.0	101.4	101.7							
<b>PAY ROLLS</b>													
1926	103.5	105.0	105.6	101.6	100.2	101.1	98.6	102.8	105.6	107.9	104.9	106.3	103.6
1927	104.3	108.2	108.5	105.5	104.9	105.4	103.9	107.0	108.8	108.3	104.7	106.0	106.3
1928	103.8	106.4	106.3	101.2	100.0	102.3	101.5	104.8	107.7	109.7	106.2	108.2	104.9
1929	105.6	110.0	111.2	110.3	109.5	109.2	107.2	111.3	114.2	114.0	107.1	105.4	109.6
1930	102.6	103.5	103.0	101.3	97.0	95.7	91.6	92.6	95.3	92.5	87.0	85.8	95.8
1931	82.8	86.5	87.9	86.0	84.8	82.4	81.1	82.2	80.6	77.7	72.9	72.3	81.4
1932	68.9	70.6	69.3	63.8	59.1	56.1	52.8	56.4	62.1	63.8	59.4	57.4	61.6
1933	54.6	56.6	52.4	54.8	58.3	63.3	67.3	73.5	78.4	77.7	72.5	70.8	65.0
1934	70.7	77.8	81.2	80.9	79.5	76.7	75.7	80.2	76.2	81.6	78.5	81.4	78.4
1935	81.3	85.0	86.4	85.4	82.2	80.9	81.2	86.8	90.4	89.6	86.2	88.4	85.3
1936	85.7	86.1	88.8	87.4	87.3	87.1	89.0	95.8	95.1	97.8	96.6	101.3	91.5
1937	99.4	103.9	107.0	107.0	106.4	105.1	104.1	108.1	105.1	102.5	92.6	89.4	102.6
1938	85.1	89.6	89.6	86.0	84.0	82.3	85.7	93.2	96.7	94.9	92.1	95.4	89.6
1939	92.4	95.3	96.7	92.2	91.0	93.0	93.7	99.0	100.5	103.9	102.4	102.8	97.0
1940	98.4	99.1	99.0	95.4	94.9	95.6							

<sup>1</sup> Iron and steel and their products; machinery; transportation equipment; nonferrous metals and their products; lumber and allied products; and stone, clay, and glass products.

<sup>2</sup> Food and kindred products; textiles and their products; paper and printing; chemical, petroleum, and coal products; leather and its manufactures; rubber products; and tobacco manufactures.

Source: Department of Labor, Bureau of Labor Statistics. See source of table 379 regarding current figures.

**No. 382.—EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES—  
INDEXES, BY INDUSTRY GROUPS: 1921 TO 1940**

NOTE.—Monthly average, 1923-25=100. See headnote, table 379

YEAR AND MONTH	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
	Food and kindred products		Textiles and their products		Lumber and allied products		Paper and printing		Chemical, petroleum, and coal products		Rubber products		Leather and its manufactures	
1921	93.3	93.6	92.6	89.3	76.6	69.7	88.0	82.5	(1)	(1)	(1)	(1)	86.6	86.5
1922	96.5	91.6	97.3	91.4	97.4	82.3	92.2	85.9	(1)	(1)	(1)	(1)	97.3	96.1
1923	101.4	99.8	105.2	105.8	101.5	100.0	99.2	96.2	102.9	102.2	102.6	101.0	106.6	106.9
1924	98.3	99.3	94.9	93.8	98.3	98.5	99.7	99.5	96.8	96.4	91.8	92.9	96.3	95.3
1925	100.3	100.9	99.9	100.4	100.2	101.5	101.1	104.3	100.3	101.4	105.6	106.1	97.1	97.8
1926	99.7	102.0	99.9	100.2	100.3	102.4	104.1	110.8	106.5	108.7	105.1	107.0	96.6	98.9
1927	100.2	103.0	104.0	106.8	93.9	96.6	104.1	111.0	104.2	107.8	105.7	110.0	97.7	100.3
1928	103.8	106.3	101.3	101.7	92.1	94.1	105.0	112.3	103.0	108.0	111.1	117.5	95.6	95.8
1929	111.1	112.9	104.8	105.2	95.2	97.3	111.3	119.5	115.7	120.9	111.0	115.1	98.5	99.0
1930	107.8	108.0	92.9	85.6	75.8	73.5	108.0	114.6	109.4	112.2	95.9	84.7	91.2	82.3
1931	95.4	92.0	87.2	75.2	56.0	46.2	96.3	97.3	95.4	92.0	73.9	62.5	84.3	72.1
1932	88.6	75.0	77.9	53.6	43.6	23.6	85.5	74.8	85.6	71.7	67.6	47.4	81.2	57.6
1933	100.3	78.7	90.5	61.4	49.9	30.3	86.7	68.3	97.1	76.2	79.1	55.0	87.2	61.2
1934	119.2	98.1	96.7	73.3	56.6	37.4	97.4	80.4	110.8	90.9	88.8	69.3	94.0	73.2
1935	120.1	101.4	103.5	83.2	63.6	45.9	102.0	88.4	112.5	97.4	85.4	74.2	96.1	76.9
1936	126.2	109.1	107.9	87.4	70.9	57.5	107.9	96.6	116.1	105.8	90.4	86.8	98.0	77.7
1937	133.7	124.0	111.3	94.0	76.3	66.9	116.5	103.9	127.0	129.6	96.7	95.1	102.7	85.6
1938	126.9	120.2	96.0	76.9	62.2	52.7	109.7	101.6	112.9	115.9	74.9	68.1	95.4	74.8
1939	128.2	122.7	103.0	86.4	66.9	59.8	112.6	107.1	115.6	123.1	84.6	87.5	97.7	79.4
1940														
January	119.5	117.0	103.5	87.5	67.3	58.8	115.1	110.0	121.0	131.0	90.0	94.1	97.4	82.3
February	118.8	115.5	106.5	91.3	66.7	60.0	114.6	108.6	121.0	131.4	88.0	88.4	90.3	82.6
March	118.8	117.1	102.9	89.5	66.8	61.0	114.4	110.0	122.8	132.5	87.2	88.3	98.2	80.3
April	119.7	117.7	98.8	81.4	66.9	61.4	113.8	109.7	123.4	133.4	84.7	86.5	94.2	70.7
May	121.7	121.5	96.0	77.0	68.0	63.3	115.0	113.1	120.6	133.5	83.8	87.1	83.8	63.6
June	129.7	129.0	93.7	75.4	68.3	63.6	114.5	112.3	119.0	133.2	83.4	86.4	86.8	67.0
	Stone, clay, and glass products		Iron and steel and their products <sup>1</sup>		Nonferrous metals and their products		Machinery, not incl. transportation equipment		Transportation equipment		Tobacco manufactures			
1921	72.2	66.5	66.6	57.0	(1)	(1)	77.5	69.6	(1)	(1)	108.3	104.5		
1922	35.5	72.6	84.1	70.6	(1)	(1)	81.7	72.2	(1)	(1)	105.8	99.1		
1923	100.4	98.3	104.1	103.5	104.8	102.8	105.8	104.1	107.6	107.7	105.7	104.1		
1924	98.0	100.5	97.0	96.5	96.8	96.3	94.9	94.9	93.1	90.8	98.3	90.4		
1925	100.7	101.2	98.9	100.0	98.4	100.0	99.3	101.0	99.3	101.5	95.5	96.5		
1926	103.8	104.2	102.3	104.8	(1)	(1)	107.4	111.1	99.1	99.6	90.9	92.1		
1927	99.9	100.5	97.1	98.5	97.0	101.1	102.4	106.2	87.9	89.8	93.4	91.0		
1928	95.7	96.2	97.0	100.4	(1)	(1)	104.9	111.3	96.2	101.6	90.7	86.1		
1929	93.8	93.7	103.3	108.3	110.2	115.3	125.9	134.3	103.5	105.4	83.9	81.8		
1930	80.2	75.9	80.9	86.3	(1)	(1)	104.9	102.7	80.2	70.2	78.3	72.7		
1931	63.7	63.9	70.3	55.7	72.4	61.4	73.3	64.2	66.3	52.3	72.1	60.1		
1932	46.7	30.6	57.4	31.3	58.0	38.6	57.0	37.8	55.5	37.8	56.0	48.2		
1933	49.4	30.8	45.3	39.9	62.6	41.1	60.9	40.8	54.5	35.6	63.1	44.1		
1934	61.6	41.7	80.2	53.9	76.3	55.3	79.4	59.6	83.4	61.4	68.1	50.6		
1935	66.6	40.0	87.1	66.5	86.3	68.3	80.1	73.5	95.3	78.1	65.4	51.5		
1936	76.3	61.4	100.4	87.2	96.1	81.7	103.3	93.8	103.2	98.2	66.0	54.8		
1937	85.8	75.5	114.5	111.2	103.5	102.5	124.0	126.2	113.3	115.1	66.6	60.9		
1938	71.8	59.6	85.5	68.2	86.4	74.2	90.9	82.3	74.0	68.4	65.2	58.8		
1939	79.4	69.8	95.9	90.0	98.2	93.1	99.1	99.6	95.4	95.1	64.6	59.0		
1940														
January	77.7	66.9	108.3	106.2	109.8	108.7	112.4	119.1	115.5	118.3	59.0	52.9		
February	75.5	65.3	108.7	100.9	107.2	103.4	113.1	119.5	114.8	118.6	61.7	54.0		
March	77.7	68.3	103.5	96.5	107.1	104.8	113.1	121.5	117.0	124.3	65.6	58.1		
April	80.5	72.2	101.7	94.9	105.6	103.1	113.6	121.6	115.4	122.6	63.8	58.7		
May	82.0	74.6	101.9	97.2	105.3	103.6	113.9	122.3	115.0	116.6	62.2	60.7		
June	82.9	73.4	103.7	102.8	106.6	105.8	115.1	126.1	112.3	118.8	64.9	66.9		

<sup>1</sup> Not available.<sup>2</sup> Not including machinery.

Source: Department of Labor, Bureau of Labor Statistics. See source of table 379 regarding current figures.

No. 383.—EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES—  
INDEXES, BY INDUSTRY GROUPS AND INDUSTRIES: 1935 TO 1939

NOTE.—Monthly average, 1923-25=100. See headnote, table 379

INDUSTRY GROUP AND INDUSTRY	EMPLOYMENT					PAY ROLLS				
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
Food and kindred products.....	120.1	128.2	133.7	130.9	128.2	101.4	109.1	124.0	120.2	122.7
Baking.....	134.4	140.2	147.3	144.1	145.4	113.6	121.3	134.4	132.7	134.6
Beverages.....	200.6	238.7	209.0	268.1	272.9	215.7	262.4	305.1	303.9	313.1
Butter.....	96.9	99.3	202.0	98.7	95.4	74.2	77.8	83.1	82.5	80.8
Canning and preserving.....	155.0	164.5	185.7	162.6	151.6	118.8	120.7	156.5	123.5	128.2
Confectionery.....	83.4	82.4	86.0	82.8	83.0	72.2	71.3	79.9	76.9	80.0
Flour.....	79.0	77.4	78.7	77.3	79.2	66.2	68.5	73.7	72.9	75.4
Ice cream.....	74.3	76.5	80.1	77.0	77.3	58.1	59.6	64.7	63.5	64.5
Slaughtering and meat packing.....	92.0	98.4	100.6	97.7	100.5	83.5	91.3	104.3	104.3	106.4
Sugar, beet.....	112.1	110.5	113.7	111.2	113.4	84.3	92.2	105.9	109.4	108.2
Sugar refining, cane.....	93.7	95.0	95.0	93.4	94.7	71.3	72.4	81.9	79.5	80.5
Textiles and their products.....	103.5	107.9	111.3	96.0	103.0	83.2	87.4	94.0	78.9	86.4
Fabrics.....	95.0	96.9	100.6	85.3	93.8	77.9	80.9	89.0	70.7	81.3
Carpets and rugs.....	81.5	83.1	90.8	64.3	78.1	62.5	64.3	72.6	46.5	55.4
Cotton goods.....	83.5	88.8	95.5	81.6	89.1	65.8	74.1	87.0	66.9	78.0
Cotton small wares.....	85.8	86.4	88.1	72.3	84.1	73.4	76.9	80.4	64.7	79.0
Dyeing and finishing textiles.....	118.2	120.2	124.2	114.1	126.0	94.5	100.9	108.1	95.5	107.6
Hats, fur-felt.....	95.3	99.2	101.4	90.7	88.8	82.0	88.3	88.2	73.2	73.6
Hosiery.....	130.7	146.6	152.3	145.5	152.0	144.7	150.9	162.4	156.4	160.2
Knifed outerwear.....	103.7	96.0	85.8	67.4	71.5	89.4	80.7	70.2	51.3	57.1
Knitted underwear.....	74.9	81.5	85.6	67.3	75.1	61.5	70.6	74.9	55.5	66.8
Knitted cloth.....	175.1	179.5	174.9	129.4	138.9	129.2	140.2	143.8	102.5	113.9
Silk and rayon goods.....	100.2	91.9	93.0	71.6	73.9	73.3	66.5	71.0	51.8	56.5
Woolen and worsted goods.....	90.4	88.1	86.9	70.2	85.6	71.5	69.5	75.2	56.4	71.8
Wearing apparel.....	121.0	130.3	131.4	116.4	119.4	90.7	96.5	95.8	84.4	91.2
Clothing, men's.....	111.3	116.5	117.5	99.2	105.6	79.7	82.2	88.8	67.2	78.7
Clothing, women's.....	172.7	191.7	190.1	171.7	170.1	120.8	131.2	131.9	116.3	121.3
Corsets and allied garments.....	102.2	102.2	107.1	103.3	112.9	93.8	97.7	103.3	100.8	117.1
Men's furnishings.....	125.1	141.1	147.5	130.9	131.5	113.3	121.8	120.0	112.0	118.1
Millinery.....	71.6	80.1	83.3	81.4	78.8	58.3	68.8	69.1	66.1	63.0
Shirts and collars.....	113.9	121.1	126.7	115.9	122.0	96.6	101.2	104.2	88.1	102.6
Lumber and allied products.....	63.6	70.9	76.3	62.2	66.9	45.9	57.5	66.9	52.7	59.5
Furniture.....	75.6	80.8	98.3	79.5	86.9	53.6	67.6	81.2	61.8	73.6
Lumber, millwork.....	45.3	54.9	62.7	53.7	59.4	30.2	40.7	48.5	40.6	46.9
Lumber, sawmills.....	53.4	61.7	67.8	57.1	60.5	39.5	50.5	59.3	45.5	53.1
Paper and printing.....	102.0	107.9	116.5	109.7	112.9	88.4	96.6	108.9	101.6	107.1
Boxes, paper.....	97.2	104.0	114.6	104.9	114.7	91.0	102.3	113.8	109.3	125.2
Paper and pulp.....	105.3	106.8	114.3	104.3	108.5	80.7	95.6	114.0	100.4	110.3
Printing and publishing:.....										
Book and job.....	95.0	99.7	106.0	99.7	99.6	79.3	83.0	91.6	84.4	86.4
Newspapers and periodicals.....	101.6	109.2	115.8	113.8	114.8	92.7	100.9	106.6	104.8	107.1
Chemical, petroleum, and coal products.....	112.5	116.1	127.0	112.9	115.6	97.4	106.8	129.6	115.9	123.1
Other than petroleum refining.....	110.8	114.7	126.7	110.7	114.4	94.2	103.0	126.9	109.7	119.7
Chemicals.....	115.5	124.2	138.5	115.4	122.7	102.2	117.0	148.9	124.1	139.8
Cottonseed—oil, cake, and meal.....	91.1	91.9	114.2	111.1	93.4	62.8	65.5	90.6	90.1	79.2
Druggists' preparations.....	108.5	106.9	115.0	110.1	111.5	101.4	105.1	120.6	116.5	122.6
Explosives.....	77.0	81.5	91.8	80.0	93.1	67.7	82.0	103.4	83.5	107.2
Fertilizers.....	94.6	95.1	113.1	101.6	106.1	66.3	70.0	92.9	80.6	84.3
Paints and varnishes.....	118.0	122.7	132.7	117.4	122.0	98.8	111.6	131.2	115.0	126.2
Rayon and allied products.....	315.7	320.0	344.1	284.7	298.5	249.8	260.7	321.7	262.1	285.4
Soap.....	85.9	81.0	80.5	79.0	83.0	78.0	80.5	97.0	82.9	99.7
Petroleum refining.....	119.4	121.8	128.3	122.0	120.4	107.9	115.1	138.2	136.1	134.5
Rubber products.....	85.4	80.4	96.7	74.9	84.6	74.2	88.8	95.1	68.1	97.5
Rubber boots and shoes.....	68.6	74.4	73.0	54.4	58.6	55.9	65.4	72.1	48.3	53.1
Rubber goods, other than boots, shoes, tires, and inner tubes.....	120.6	129.7	144.1	118.2	139.7	99.0	114.5	136.3	105.3	133.9
Tires and inner tubes.....	75.4	78.3	83.5	62.5	68.9	69.8	82.5	96.3	80.0	78.5
Leather and its manufactures.....	96.1	98.0	102.7	95.4	97.7	79.9	77.7	85.6	74.6	79.4
Boots and shoes.....	95.1	96.3	101.4	95.7	96.4	74.1	73.8	82.3	73.1	78.0
Leather.....	92.9	94.1	92.6	78.1	86.5	81.4	84.9	89.6	78.0	84.8
Stone, clay, and glass products.....	66.6	78.3	85.8	71.8	79.4	49.0	61.4	75.5	59.6	69.8
Brick, tile, and terra cotta.....	43.7	56.8	63.9	51.8	59.4	27.4	41.3	50.8	37.8	47.1
Cement.....	55.0	62.2	71.5	64.2	66.7	35.8	50.0	64.9	57.3	62.3
Glass.....	96.1	101.2	113.2	89.2	100.1	82.2	93.9	116.9	87.1	103.8
Marble, granite, slate, and other products.....	39.7	40.2	54.3	47.5	50.1	26.8	36.0	40.4	34.3	37.7
Pottery.....	77.1	81.1	88.4	80.6	87.6	53.7	67.1	80.1	63.6	73.5

No. 383.—EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES—  
INDEXES, BY INDUSTRY GROUPS AND INDUSTRIES: 1935 TO 1939—Continued

INDUSTRY GROUP AND INDUSTRY	EMPLOYMENT					PAY ROLLS				
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
<b>Iron and steel and their products, not incl. machinery, blast furnaces, steel works, and rolling mills.</b>	87.1	100.4	114.6	85.5	85.9	66.6	87.2	111.2	68.2	80.9
Bolts, nuts, washers, and rivets	88.1	101.9	118.6	87.1	101.2	73.8	96.7	121.9	76.4	108.0
Cast-iron pipe	60.3	72.1	78.4	68.2	74.0	39.2	55.9	68.4	54.2	65.3
Cutlery (not including silver and plated cutlery), and edge tools	81.9	87.8	100.5	84.9	94.7	67.0	76.2	92.3	70.4	84.5
Forgings, iron and steel	51.5	62.1	76.7	50.9	58.8	42.9	57.6	78.5	44.6	63.5
Hardware	80.8	87.6	103.3	73.8	87.7	67.0	81.6	103.2	66.3	90.5
Plumbers' supplies	66.6	76.2	83.5	73.1	77.6	50.0	60.3	71.8	56.3	69.2
Stamped and enameled ware	150.5	166.0	183.8	134.2	152.0	128.2	154.0	183.2	128.3	153.6
Steam and hot-water heating apparatus and steam fittings	62.7	78.2	91.6	72.4	78.3	45.1	62.5	81.1	54.8	67.0
Stoves	88.9	100.0	105.9	77.8	86.8	66.9	83.5	90.7	64.3	76.4
Structural and ornamental metal work	55.2	68.9	78.6	60.6	69.3	36.2	52.6	69.1	48.9	60.1
Tin cans and other tinware	91.0	101.5	109.7	93.8	97.1	82.9	95.0	110.3	94.4	101.5
Tools, not including edge tools, machine tools, files, and saws	70.4	83.1	98.1	76.6	86.4	60.6	77.7	96.3	66.5	83.7
Wirework	139.7	160.0	185.8	127.8	149.4	117.8	145.3	181.6	117.2	155.8
<b>Nonferrous metals and their products.</b>	86.3	96.1	108.5	86.4	88.2	68.3	81.7	102.5	74.2	93.1
Aluminum manufactures	125.9	140.0	154.8	124.1	150.5	102.8	125.3	161.1	125.2	164.1
Brass, bronze, and copper products	96.7	110.0	127.6	96.9	113.2	79.0	98.5	126.7	86.7	117.8
Clocks, watches, and time-recording devices	82.6	94.8	106.4	81.3	85.1	72.5	89.1	109.3	71.7	85.3
Jewelry	78.7	81.9	91.0	84.3	92.5	60.0	64.0	76.6	67.9	76.5
Lighting equipment	73.6	84.7	96.0	70.1	83.0	57.3	68.9	82.0	51.5	66.8
Silverware and plated ware	60.1	57.8	67.0	62.7	69.7	47.3	48.9	58.9	51.0	62.6
Smelting and refining—copper, lead, and zinc	66.2	78.3	87.8	73.8	79.0	50.3	65.7	87.4	69.1	75.1
<b>Machinery, not including transportation equipment.</b>	89.1	103.3	124.0	90.9	98.1	73.5	93.8	126.2	82.3	99.6
Agricultural implements (including tractors)	118.9	142.7	174.3	126.8	121.8	103.9	135.6	196.8	132.9	134.2
Cash registers, adding machines, and calculating machines	116.0	129.4	148.4	136.4	128.1	95.4	115.4	150.7	124.4	123.4
Electrical machinery, apparatus, and supplies	80.7	91.8	115.7	82.3	90.0	66.6	84.1	119.7	78.0	95.4
Engines, turbines, water wheels, and windmills	60.2	81.2	103.1	86.2	99.1	61.1	79.9	115.7	91.8	117.8
Foundry and machine-shop products	78.5	91.1	107.8	79.2	85.4	62.0	80.3	104.9	66.5	79.8
Machine tools	99.5	129.0	166.9	130.5	150.9	91.4	131.5	192.0	124.9	176.6
Radios and phonographs	152.7	173.0	164.8	100.5	133.9	117.8	140.7	142.8	86.6	120.5
Textile machinery and parts	62.1	70.1	82.5	62.3	76.7	54.3	65.8	84.7	51.8	72.9
Typewriters and parts	110.0	119.8	153.2	120.4	125.2	97.0	114.8	151.4	103.3	122.4
<b>Transportation equipment.</b>	95.3	103.2	118.3	74.0	85.4	78.1	93.2	115.1	88.4	96.1
Aircraft	407.2	627.7	858.6	826.7	1225.1	341.3	523.8	764.4	768.6	1285.9
Automobiles	110.4	113.9	128.3	75.8	97.9	89.5	102.8	124.1	69.2	97.6
Cars, electric and steam-railroad	33.9	48.2	63.9	32.0	37.5	25.6	33.4	58.9	26.1	31.8
Locomotives	19.5	27.0	46.3	24.6	23.5	12.8	22.0	47.8	21.1	21.6
Shipbuilding	82.4	105.5	114.5	100.1	122.7	68.8	97.0	116.4	103.6	130.3
<b>Tobacco manufactures.</b>	65.4	66.0	66.8	65.2	64.6	51.5	54.8	60.9	58.8	58.0
Chewing and smoking tobacco and snuff	63.3	62.5	63.0	63.1	61.4	60.7	61.6	68.3	68.0	66.4
Cigars and cigarettes	65.0	66.4	66.9	65.3	64.9	50.3	53.8	59.9	57.6	57.9

Source: Department of Labor, Bureau of Labor Statistics. See source of table 379 regarding current figures.

No. 384.—EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES—  
INDEXES, FOR SPECIFIED STATES: 1925 TO 1940

NOTE.—Index numbers for New Jersey, Pennsylvania, and Delaware, relative to monthly average of the years 1923-25 as 100; for Massachusetts, New York, Illinois, and Wisconsin, monthly average of the years 1925-27. Reports cover the week ending nearest the 15th of the month, except for New York prior to 1935 which covered the week including the 15th of month. The indexes are not adjusted for seasonal variation and are unweighted, except for Pennsylvania and Wisconsin as stated in footnotes

YEAR AND MONTH	EMPLOYMENT						PAY ROLLS							
	Massachusetts <sup>1</sup>	New York <sup>2</sup>	New Jersey <sup>3</sup>	Pennsylvania <sup>3</sup>	Delaware <sup>3</sup>	Illinois <sup>4</sup>	Wisconsin <sup>5</sup>	Massachusetts <sup>1</sup>	New York <sup>2</sup>	New Jersey <sup>3</sup>	Pennsylvania <sup>3</sup>	Delaware <sup>3</sup>	Illinois <sup>4</sup>	Wisconsin <sup>5</sup>
1925	100.1	101.3	99.1	97.5	98.7	99.8	-----	99.5	99.2	101.8	98.3	101.4	97.9	-----
1926	102.0	101.4	101.7	99.4	103.8	103.1	-----	102.5	102.0	108.1	102.7	105.3	104.2	-----
1927	97.9	97.3	95.0	95.7	101.7	97.1	-----	98.0	98.8	100.7	97.0	98.1	98.0	-----
1928	91.6	93.4	90.9	92.7	103.7	95.3	-----	93.1	95.4	94.6	93.1	98.2	95.2	-----
1929	94.3	97.9	103.2	98.4	112.2	102.6	106.2	96.5	101.7	107.8	102.1	112.9	101.3	109.7
1930	81.5	86.0	93.9	89.5	103.1	88.4	90.3	79.7	85.6	94.9	85.6	101.4	77.6	83.6
1931	73.5	73.4	78.3	74.6	81.9	71.0	73.8	65.9	67.1	71.2	61.3	73.2	53.8	68.0
1932	59.3	59.2	65.8	64.3	68.9	56.5	59.5	46.4	46.5	50.9	40.8	50.7	34.3	38.2
1933	67.5	61.4	69.2	68.8	75.4	59.6	63.7	49.9	46.4	50.2	54.5	54.1	35.6	41.4
1934	71.8	70.8	83.3	77.0	84.8	70.6	74.1	56.7	56.7	62.5	55.4	64.3	47.1	54.3
1935	75.4	74.4	88.3	80.8	85.0	74.3	80.6	62.3	62.6	70.4	61.5	66.8	54.0	65.3
1936	81.5	79.5	94.6	86.9	94.6	82.4	86.7	71.5	69.7	79.5	73.4	81.4	64.9	77.0
1937	84.4	88.1	103.2	94.6	108.2	93.5	100.7	77.7	83.3	94.0	88.6	100.7	81.6	102.5
1938	72.0	77.0	90.4	76.9	84.8	75.0	83.9	63.0	70.0	79.8	61.9	74.9	61.1	80.4
1939	77.4	84.4	97.9	83.3	93.7	80.5	87.2	71.3	80.0	92.6	75.5	86.1	69.9	89.7
1939														
1940														
January	74.9	80.0	92.8	78.6	89.0	75.2	80.6	67.6	74.4	84.7	67.4	81.9	63.2	79.5
February	76.5	81.9	94.8	80.4	90.5	76.8	82.7	70.1	76.8	86.1	70.0	82.5	65.1	85.7
March	76.8	82.7	94.2	80.6	91.4	77.8	83.6	70.4	79.4	88.1	71.1	84.7	67.3	86.7
April	75.1	82.0	93.7	80.3	93.1	77.6	83.7	67.4	76.4	86.0	68.0	86.5	66.2	85.3
May	73.7	80.4	94.3	79.1	92.8	77.6	84.5	66.2	74.4	87.3	67.8	85.3	66.4	86.3
June	73.2	80.9	95.4	80.0	90.0	78.1	86.9	66.7	75.9	89.2	70.9	85.0	67.3	89.2
July	75.3	80.6	94.4	81.2	89.0	78.8	89.2	69.3	75.8	87.7	69.7	81.1	66.6	86.6
August	77.6	84.0	97.7	82.7	93.7	80.7	90.0	71.3	80.2	91.8	74.5	79.7	70.3	91.6
September	79.0	87.5	100.1	83.7	99.9	82.3	90.9	73.3	82.4	94.2	74.9	86.7	71.7	90.1
October	82.5	90.6	105.0	90.0	98.6	86.0	89.4	76.5	87.4	104.3	88.7	92.1	77.9	96.2
November	82.8	91.3	107.4	91.7	98.2	87.7	92.1	78.0	87.8	106.4	89.7	92.6	77.8	99.4
December	81.9	91.4	106.2	91.4	98.4	87.8	92.9	78.7	89.3	105.7	90.1	94.9	79.1	100.1
1940														
January	80.8	89.7	103.4	88.0	97.1	86.0	91.0	76.8	86.2	100.6	84.4	91.1	75.7	94.7
February	80.7	90.9	103.5	88.3	96.1	85.9	89.5	74.4	86.7	100.0	81.8	91.6	75.8	94.7
March	78.0	91.5	103.7	86.8	96.9	85.4	90.9	73.9	89.2	102.2	80.7	93.9	75.2	96.8
April	76.3	80.3	103.1	85.3	98.5	84.4	90.0	79.0	85.0	101.8	79.2	98.1	74.2	96.1
May	74.9	88.4	103.8	84.3	98.9	84.7	90.4	70.3	85.0	103.9	79.0	97.0	74.8	97.9
June	74.6	88.5	105.6	85.5	100.9	85.5	92.4	70.7	86.3	107.5	82.5	98.6	74.4	99.9

<sup>1</sup> Compiled by Massachusetts Department of Labor and Industries, based upon monthly returns from approximately 1,800 manufacturing establishments employing about 60 percent of the factory wage earners in the State. Office workers assigned to productive departments are included, but not executives, salaried officers, etc. The employment indexes are adjusted to the annual State census of manufactures through 1936. Pay-roll indexes are based upon a computation of employment times average weekly earnings.

<sup>2</sup> Compiled by the New York State Department of Labor, based upon monthly reports from approximately 2,412 manufacturing firms who employ about 38 percent of all the factory workers in the State. Reports cover employees in both office and shop, including foremen. Executives and salesmen are omitted, and administrative and sales offices located away from the plants are not covered.

<sup>3</sup> Compiled by the Federal Reserve Bank of Philadelphia. For New Jersey, indexes are based upon monthly reports to the bank for 1925 and 1926 and since then, to the New Jersey Bureau of Statistics and Records of the Department of Labor. Current reports are from about 330 manufacturing plants which account for approximately 60 percent of all wage earners engaged in manufacturing industries of the State and 67 percent of the total wage payments. For Pennsylvania, indexes are based upon reports collected by the bank in cooperation with the U. S. Bureau of Labor Statistics and the Pennsylvania Department of Labor and Industry. Current reports are from over 2,300 manufacturing plants and represent about 59 percent of the wage earners and 64 percent of the wage payments in the manufacturing industries of the State. Indexes are weighted according to the relative importance of each industry in the State totals. For Delaware indexes are based upon reports collected by the bank in cooperation with the U. S. Bureau of Labor Statistics. Current reports are from about 82 manufacturing plants and represent approximately 60 percent of all workers engaged in manufacturing industries of the State and 70 percent of the total wage payments. The indexes for the 3 States have been adjusted to conform with the Federal Census of Manufactures data through 1937 and will be similarly adjusted to subsequent censuses.

<sup>4</sup> Compiled by the Illinois Department of Labor, based upon monthly reports from about 2,500 manufacturing plants covering wage earners (production employees) only. Reports represent approximately 69 percent of all wage earners engaged in manufacturing industries of the State and 78 percent of the total wage payments.

<sup>5</sup> Compiled by the Industrial Commission of Wisconsin, based on monthly reports (covering manual employees only) from representative manufacturers who employ about 81 percent of total factory earners and whose pay rolls are about 83 percent of total factory pay rolls in the State. Employment and pay-roll indexes computed for months through July 1937 are weighted relatives of totals. Employment and pay-roll indexes for subsequent months and indexes of average weekly earnings for all months are unweighted relatives. The indexes have been adjusted to Census data through 1935. Comparable indexes for months prior to January 1929 are not available.



**No. 385.—EARNINGS, WEEKLY, IN MANUFACTURING INDUSTRIES—INDEXES FOR SPECIFIED STATES: 1925 TO 1940**

[Index numbers for New Jersey, Pennsylvania, and Delaware, relative to monthly average of the years 1923-25 as 100; for New York, Illinois, Wisconsin, and Massachusetts, monthly average of the years 1925-27. See also headnote, table 384]

YEAR AND MONTH	Massachusetts	New York	New Jersey	Pennsylvania	Delaware	Illinois	Wisconsin
1925	98.4	97.9	100.7	99.6	99.4	98.5	
1926	99.8	100.6	105.9	102.5	101.8	101.1	
1927	100.8	101.5	109.0	102.6	103.1	100.5	
1928	101.4	102.0	100.8	103.1	102.6	100.2	
1929	103.3	103.9	113.0	106.9	105.7	101.1	103.2
1930	96.4	99.5	111.3	98.1	103.2	95.8	92.2
1931	88.3	91.2	101.7	81.1	95.9	83.2	79.5
1932	75.0	78.5	88.4	63.0	76.9	65.8	64.0
1933	73.5	75.4	83.5	65.6	72.6	64.2	64.6
1934	79.9	80.1	85.4	76.6	76.0	72.0	73.2
1935	85.0	84.1	92.2	82.2	78.5	78.1	80.9
1936	88.8	87.5	99.2	92.9	85.1	84.8	88.7
1937	90.6	94.5	109.4	105.1	91.1	94.7	101.7
1938	90.9	91.7	106.7	91.2	85.5	88.4	95.9
1939	95.8	94.7	114.0	102.6	88.9	94.1	102.8
1939							
March	95.4	95.9	112.8	101.2	89.6	93.9	103.7
June	94.9	93.8	113.0	101.0	94.4	93.4	102.7
September	96.7	94.1	113.5	101.5	83.9	94.5	99.1
December	100.0	97.7	120.0	111.9	93.3	97.9	107.6
1940							
March	98.6	97.4	118.6	103.3	93.4	95.6	108.5
June	98.7	97.5	122.6	108.9	94.6	97.1	108.0

Sources: See footnotes 1 to 5, table 384.

**No. 386.—EARNINGS, AVERAGE WEEKLY AND HOURLY, IN 25 MANUFACTURING INDUSTRIES, BY LABOR GROUPS: 1925 TO 1939**

NOTE.—Index numbers based on 1923 as 100. Data cover a representative number of plants which employed 1,700,000 workers during 1939. The earnings are computed by weighting the average earnings in each industry according to the relative importance of the industry as revealed by the Federal Biennial Census of Manufactures for 1923. In addition, each labor group is weighted according to the relative proportion of the group in each industry as revealed in the Conference Board's studies during the 3-year period 1927-29. The pay-roll data are based upon the first full week in each month, or, if a generally recognized holiday falls in that week, upon the succeeding week.

YEAR	ALL WAGE EARNERS		MALE, UN-SKILLED		MALE, SKILLED AND SEMISKILLED		FEMALE	
	Actual amount	Index number	Actual amount	Index number	Actual amount	Index number	Actual amount	Index number
<b>WEEKLY EARNINGS</b>								
1925	\$27.08	101.8	\$22.93	102.9	\$31.29	101.6	\$17.17	99.6
1926	27.42	103.0	23.21	104.2	31.61	102.6	17.27	100.2
1927	27.53	103.6	23.54	105.7	31.51	102.3	17.37	100.8
1928	27.80	104.5	23.89	107.2	31.94	103.7	17.15	99.5
1929	28.55	107.3	24.40	109.5	32.60	105.8	17.61	102.1
1930	25.84	97.1	21.90	98.3	29.17	94.7	15.98	92.7
1931	22.62	85.0	19.18	86.1	25.05	81.3	14.69	85.2
1932	17.05	64.1	14.48	65.0	19.48	63.2	11.73	68.0
1933	17.71	66.6	14.91	66.9	20.27	65.8	12.35	71.6
1934	20.06	75.4	16.46	73.9	22.45	72.9	14.50	84.1
1935	22.23	83.5	18.32	82.2	24.98	81.1	15.37	89.2
1936	24.39	91.7	20.00	89.8	27.58	89.5	15.74	91.3
1937	26.80	100.7	22.41	100.6	30.39	98.6	17.02	98.7
1938	24.43	91.8	20.67	92.8	27.49	89.2	15.69	91.0
1939	27.04	101.6	22.82	102.4	30.53	89.1	17.02	98.7
<b>HOURLY EARNINGS</b>								
1925	.561	103.7	.455	102.7	.644	104.0	.389	101.6
1926	.568	105.0	.461	104.1	.652	105.3	.398	103.9
1927	.576	106.5	.471	106.3	.656	106.0	.398	103.9
1928	.579	107.0	.474	107.0	.659	106.5	.396	103.4
1929	.590	109.1	.483	109.7	.668	107.9	.398	103.9
1930	.589	108.9	.478	107.9	.663	107.1	.395	103.1
1931	.564	104.3	.460	103.8	.634	102.4	.371	96.9
1932	.498	92.1	.400	90.3	.559	90.3	.325	84.9
1933	.491	90.8	.401	90.5	.556	88.9	.340	88.8
1934	.580	107.2	.479	108.1	.643	103.9	.427	111.5
1935	.599	110.7	.495	111.7	.666	107.4	.437	114.1
1936	.619	114.4	.501	113.1	.689	111.3	.434	113.3
1937	.695	128.5	.570	128.7	.777	125.5	.473	123.5
1938	.716	132.3	.586	132.3	.802	129.6	.482	125.8
1939	.720	133.1	.594	134.1	.808	130.5	.475	124.0

1 Not including data for the silk industry.

Source: National Industrial Conference Board (Inc.), New York, N. Y.; monthly figures are published currently in Conference Board Economic Record and Conference Board Management Record.



No. 388.—EMPLOYMENT, PAY ROLLS, AND AVERAGE WEEKLY WAGES FOR FULL-TIME EMPLOYEES, BY OCCUPATIONAL GROUPS, FOR SPECIFIED INDUSTRIES OR BUSINESSES: 1935

NOTE.—Pay-roll figures are in thousands of dollars. Data are for 1 week in 1935—in general, the week ended October 26, but where this period was not representative figures are for 1 week of normal employment. The figures are summarized from reports secured in connection with the 1935 Census of Business, and cover only those establishments or concerns which gave detailed information by occupational groups. For the average number of employees (full-time and part-time) and total pay rolls for 1935, consult index for references to data for the individual industries and businesses shown elsewhere in this publication

INDUSTRY AND OCCUPATIONAL GROUP	Full-time employees	Pay roll for week	Avg. weekly wage	INDUSTRY AND OCCUPATIONAL GROUP	Full-time employees	Pay roll for week	Avg. weekly wage
<b>WHOLESALE TRADE</b>				<b>OTHER INDUSTRIES—CON.</b>			
Full-service and limited-function wholesalers.....	678,004	20,831	30.72	Motor trucking for hire.....	97,424	2,467	25.32
Executives and salaried corporation officers.....	57,626	4,656	78.69	Executives.....	4,037	248	61.33
Office and clerical employees.....	151,418	3,735	24.67	Office and clerical.....	12,072	201	24.14
Inside selling employees.....	69,898	1,671	27.90	Warehouse and platform.....	7,332	168	22.92
Outside selling employees.....	134,305	5,173	38.52	Transportation crew.....	60,025	1,548	23.44
Warehouse employees.....	133,139	2,789	20.95	Maintenance and service.....	4,913	136	27.66
Other employees.....	141,678	2,927	20.66	Other employees.....	3,045	76	25.07
<b>Manufacturers' sales branches with stocks.....</b>	<b>188,577</b>	<b>7,075</b>	<b>37.62</b>	Public warehousing.....	16,991	449	26.90
Executives and salaried corporation officers.....	4,170	530	126.79	Executives.....	1,250	82	65.40
Office and clerical employees.....	54,516	1,582	28.02	Office and clerical.....	3,023	85	28.06
Inside selling employees.....	8,169	346	42.34	Warehouse and platform.....	9,000	195	21.62
Outside selling employees.....	62,618	3,064	48.93	Other employees.....	3,418	88	25.69
Warehouse employees.....	31,120	783	25.17	Radio broadcasting stations.....	10,927	388	37.72
Other employees.....	27,976	770	27.51	Executives.....	437	42	96.26
<b>Manufacturers' sales offices, without stocks.....</b>	<b>34,328</b>	<b>1,678</b>	<b>48.88</b>	Supervisors.....	600	43	67.07
Executives and salaried corporation officers.....	1,232	188	152.20	Office and clerical.....	2,035	49	24.25
Office and clerical employees.....	13,843	436	31.53	Station technicians.....	2,300	84	35.43
Inside selling employees.....	1,905	84	44.00	Station talent:			
Outside selling employees.....	14,754	876	59.35	Artists.....	1,999	82	41.03
Warehouse employees.....	2,594	94	36.41	Announcers.....	1,556	45	38.94
Other employees.....				Other employees.....	1,210	43	35.66
<b>Bulk-tank stations<sup>1</sup>.....</b>	<b>65,911</b>	<b>2,184</b>	<b>33.14</b>	Advertising agencies.....	12,919	790	61.14
Executives and salaried corporation officers.....	2,395	147	61.31	Executives and salaried corporation officers.....	2,335	344	147.44
Office and clerical employees.....	10,120	314	31.02	Other employees.....	10,584	446	42.10
Inside selling employees.....	2,459	78	31.72	Insurance carriers: Home offices.....	163,106	5,058	33.04
Outside selling employees.....	24,539	906	36.92	Executives and salaried corporation officers.....	8,741	1,073	122.71
Warehouse employees.....	9,238	259	27.82	Office and clerical employees.....	123,625	3,397	27.48
Other employees.....	17,103	481	28.13	Direct selling employees.....	10,345	253	24.90
<b>Agents and brokers.....</b>	<b>61,378</b>	<b>2,363</b>	<b>38.49</b>	Other employees.....	10,395	331	31.81
Executives and salaried corporation officers.....	7,857	726	92.35	Insurance carriers: Branch, departmental, and managerial offices.....	127,069	5,079	39.86
Office and clerical employees.....	23,536	630	26.75	Executives and salaried corporation officers.....	2,975	277	92.99
Inside selling employees.....	3,859	162	42.04	Office and clerical employees.....	53,476	1,410	26.37
Outside selling employees.....	11,976	504	47.06	Direct selling employees.....	63,151	3,094	49.00
Warehouse employees.....	5,854	118	20.12	Other employees.....	7,497	298	39.69
Other employees.....	8,296	164	19.73	Insurance agencies.....	59,784	1,925	32.21
<b>RETAIL TRADE</b>				Executives and salaried corporation officers.....	5,946	479	80.64
Total.....	2,641,041	51,661	19.56	Office and clerical employees.....	34,512	847	24.54
Executives and salaried corporation officers.....	107,542	5,277	49.16	Direct selling employees.....	18,547	581	31.34
Office and clerical employees.....	217,887	4,523	20.76	Other employees.....	759	18	23.15
Selling employees.....	1,230,132	24,170	19.65	Insurance and real estate offices.....	27,701	728	26.29
Waiters and waitresses.....	301,106	3,489	11.59	Executives and salaried corporation officers.....	4,324	242	56.00
Other employees.....	784,574	14,202	18.10	Office and clerical employees.....	16,180	313	19.32
<b>OTHER INDUSTRIES</b>				Direct selling employees.....	6,382	153	24.71
Motor bus transportation.....	29,752	859	28.87	Other employees.....	815	16	19.66
Executives.....	3,998	72	71.85	Real estate offices.....	15,036	403	28.80
Office and clerical.....	3,234	80	24.84	Executives and salaried corporation officers.....	1,794	112	62.31
Transportation crew.....	17,165	436	28.30	Office and clerical employees.....	8,153	177	21.66
Maintenance and service.....	6,252	173	27.63	Direct selling employees.....	4,605	107	23.17
Other employees.....	2,103	43	22.98	Other employees.....	484	8	16.25

<sup>1</sup> Figures do not include employees of commission bulk-tank stations.

Source: Department of Commerce, Bureau of the Census; Census of Business—Wholesale Distribution, Vol. V; Retail Distribution, Vol. V; separate reports for specified businesses.

No. 389.—WAGE RATES PER HOUR AND HOURS PER WEEK—INDEXES OF UNION SCALES IN BUILDING AND PRINTING TRADES, BY OCCUPATIONS: 1909 TO 1939

NOTE.—Data for the earlier years cover 39 cities. The coverage was gradually extended until, beginning with 1938, 72 cities were included. Prior to 1938 the figures were based upon the scale prevailing May 15 each year. For 1938 and 1939 the study was made as of June 1. The relative wages are percentages which indicate the change in wages per hour. The relative hours are percentages showing the change in the regular full-time hours per week, account not being taken of loss of time from slack work or other causes, nor of overtime work

[Rates and hours for 1929=100]

YEAR	Wage rates		Hours		Wage rates		Hours		Wage rates		Hours		Wage rates		Hours	
	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours
BUILDING TRADES—JOURNEYMEN																
	All building trades		All journeymen		Asbestos workers		Bricklayers		Carpenters		Cement finishers		Electricians (inside wiremen)			
1909	85.1	106.8	85.5	106.4	---	---	39.7	107.3	95.9	104.4	39.6	108.9	35.3	108.8	---	---
1910	36.5	105.5	37.0	105.2	---	---	40.4	105.3	37.6	103.1	40.0	108.7	36.3	108.2	---	---
1911	37.1	105.1	37.6	104.8	---	---	40.4	104.9	38.1	102.6	41.5	107.6	36.7	108.0	---	---
1912	37.9	104.8	38.5	104.5	---	---	41.0	104.9	38.9	102.5	41.5	107.7	37.1	107.6	---	---
1913	38.8	104.6	39.4	104.2	---	---	41.7	104.7	39.5	102.4	42.5	107.4	37.9	107.2	---	---
1914	39.6	104.2	40.3	103.9	---	---	42.8	104.2	40.1	102.0	42.9	108.5	39.1	106.8	---	---
1915	39.9	104.1	40.6	103.8	---	---	42.9	104.1	40.6	102.0	43.3	108.5	39.9	106.2	---	---
1916	41.2	103.7	42.0	103.4	40.0	103.0	43.3	103.9	41.8	102.0	43.7	104.2	40.7	105.3	---	---
1917	43.8	103.5	44.3	103.2	42.1	102.6	44.8	103.6	45.5	102.0	45.2	103.2	43.3	104.9	---	---
1918	48.6	102.9	49.0	102.6	47.1	102.0	48.1	103.6	50.5	100.9	51.0	102.5	45.2	104.2	---	---
1919	55.7	102.4	56.0	102.2	57.3	101.0	53.4	103.4	58.2	100.3	57.2	101.7	55.2	103.3	---	---
1920	75.2	101.9	74.9	101.7	74.5	100.9	72.8	103.3	77.8	100.4	77.7	101.2	72.8	103.0	---	---
1921	76.6	101.8	76.3	101.6	75.5	101.1	72.3	103.3	78.4	100.3	80.3	101.2	75.4	103.0	---	---
1922	71.8	101.8	71.9	101.7	70.3	101.1	70.4	103.3	72.7	100.4	74.5	101.1	71.1	103.0	---	---
1923	79.4	101.9	79.2	101.8	72.9	100.9	79.7	103.3	81.0	100.7	81.5	101.1	73.8	103.0	---	---
1924	85.7	101.9	85.6	101.8	81.4	101.0	84.3	103.2	86.7	100.6	90.1	101.1	82.4	102.9	---	---
1925	89.0	101.9	88.8	101.8	84.6	101.0	89.2	103.1	88.5	100.6	90.6	100.8	86.7	102.9	---	---
1926	94.8	101.7	94.7	101.6	90.5	101.0	94.7	103.2	95.0	100.6	95.7	100.8	91.3	102.9	---	---
1927	98.1	101.5	97.9	101.4	95.0	100.9	97.0	102.7	98.1	100.6	101.0	100.5	95.1	102.9	---	---
1928	98.7	100.9	98.7	100.7	95.6	100.9	97.8	102.7	98.4	100.0	100.0	99.9	96.0	102.4	---	---
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	---	---
1930	104.2	97.2	104.1	97.1	105.8	96.3	102.4	97.6	104.0	95.9	106.6	96.1	101.8	97.6	---	---
1931	104.5	96.0	104.5	95.8	106.8	94.0	102.2	96.1	104.2	95.4	107.0	96.0	103.2	96.6	---	---
1932	89.3	94.3	89.3	94.1	89.0	92.8	87.5	93.9	85.4	93.0	93.4	89.9	98.5	94.3	---	---
1933	86.8	94.0	86.9	93.8	88.7	91.8	85.2	94.9	85.2	91.6	91.2	95.7	89.9	94.3	---	---
1934	87.4	90.5	87.4	90.3	88.6	91.7	84.5	93.3	86.7	90.8	92.1	92.0	90.1	88.7	---	---
1935	88.4	89.8	88.4	89.6	89.8	91.0	84.2	93.2	87.8	90.4	92.6	92.0	94.4	85.1	---	---
1936	91.6	89.8	91.3	89.6	93.4	91.3	84.7	93.2	92.3	90.5	95.0	91.6	96.9	85.4	---	---
1937	98.0	90.2	97.6	90.0	100.6	91.0	90.6	94.1	93.3	90.3	101.9	91.7	101.1	89.6	---	---
1938	106.7	88.7	106.1	88.4	110.3	89.5	100.1	91.0	107.1	88.6	111.3	88.9	111.4	89.1	---	---
1939	107.4	88.5	106.8	88.3	110.8	89.6	100.6	91.1	107.3	88.6	111.7	88.9	112.0	88.8	---	---

BUILDING TRADES—JOURNEYMEN—continued

YEAR	Elevator constructors		Engineers (portable and hoisting)		Glaziers		Granite cutters		Lathers		Marble setters		Mosaic and terrazzo workers	
	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours
1909	---	---	---	---	---	---	37.4	102.3	---	---	39.0	101.5	---	---
1910	---	---	---	---	---	---	37.6	101.9	---	---	39.5	101.3	---	---
1911	---	---	---	---	---	---	37.7	101.6	---	---	39.9	103.9	---	---
1912	---	---	41.8	105.6	---	---	38.1	101.2	39.4	104.0	40.1	100.9	---	---
1913	---	---	43.0	104.1	---	---	40.1	100.0	40.3	104.0	42.7	100.9	---	---
1914	41.8	102.7	43.6	104.0	---	---	40.3	100.4	41.0	104.0	43.2	100.7	---	---
1915	42.1	102.2	43.6	103.5	---	---	40.5	100.4	41.5	103.5	43.6	100.7	---	---
1916	43.1	102.1	44.1	103.1	---	---	42.2	100.3	42.7	103.5	43.8	100.5	37.7	103.0
1917	46.2	101.6	46.5	102.4	---	---	43.8	100.3	44.4	103.0	43.8	100.4	39.7	103.9
1918	49.2	101.6	53.2	100.8	45.9	101.6	52.2	100.3	47.9	103.0	46.1	100.4	42.9	100.2
1919	57.3	100.9	58.3	100.3	49.1	101.6	61.7	100.3	53.3	102.7	51.2	100.0	46.1	100.2
1920	73.6	100.8	75.5	99.8	71.0	101.2	76.0	100.3	76.0	102.1	87.7	100.0	68.2	100.2
1921	77.4	100.7	76.7	99.4	72.2	101.6	83.7	100.1	77.2	101.9	88.8	100.1	69.4	100.2
1922	72.4	100.4	72.2	99.1	72.4	101.7	83.5	99.3	72.5	102.0	87.4	100.1	67.4	100.2
1923	76.9	100.5	79.8	98.7	76.7	101.2	85.1	99.9	80.1	102.3	76.2	100.1	69.0	100.2
1924	86.3	100.5	84.8	98.7	80.9	101.2	85.8	100.2	83.4	102.1	79.7	100.1	81.5	100.3
1925	90.5	100.4	88.5	99.0	90.0	100.8	86.8	100.3	94.2	101.8	81.4	100.1	85.7	100.2
1926	95.3	100.4	93.4	99.2	91.2	101.2	97.7	100.1	96.6	101.5	91.0	100.1	87.5	100.2
1927	98.8	100.4	96.4	100.8	97.4	101.5	97.1	100.3	100.5	101.0	92.9	100.0	91.1	99.9
1928	99.8	100.4	100.4	99.7	98.5	101.1	98.2	100.3	100.8	100.5	93.4	100.0	95.3	99.9
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	104.7	96.8	107.7	95.1	104.6	96.8	105.1	95.2	104.3	94.3	100.3	94.7	104.7	94.5
1931	105.2	95.0	107.7	93.7	105.3	95.1	105.2	94.4	103.7	93.8	100.8	93.0	105.6	93.6
1932	97.9	95.0	100.7	92.6	88.2	92.9	94.2	94.8	93.1	93.3	92.3	92.0	97.2	89.8
1933	91.0	93.0	99.6	91.7	88.0	92.9	90.7	93.6	89.7	92.9	89.2	91.9	89.2	91.0
1934	91.2	92.2	101.4	89.7	93.2	88.1	90.6	92.1	92.1	87.5	88.8	90.9	90.8	90.9
1935	91.3	91.9	103.1	89.2	94.1	87.5	90.5	92.1	93.1	87.4	89.4	90.9	80.8	90.3
1936	92.4	92.6	104.2	89.7	95.5	87.8	90.5	91.5	95.5	86.5	89.9	90.8	91.1	89.4
1937	96.0	92.4	112.6	89.5	104.6	87.9	91.0	91.9	101.8	87.7	95.1	90.8	95.4	90.0
1938	107.7	91.7	116.0	89.3	112.2	86.3	96.3	85.3	112.7	86.1	103.2	90.8	106.0	87.7
1939	109.5	89.5	117.4	89.2	113.0	86.1	97.7	85.3	116.4	85.4	103.5	90.8	107.5	87.7

No. 389.—WAGE RATES PER HOUR AND HOURS PER WEEK—INDEXES OF UNION SCALES IN BUILDING AND PRINTING TRADES, BY OCCUPATIONS: 1909 TO 1939—Continued

[Rates and hours for 1929=100]

YEAR	Painters		Plasterers		Plumbers and gas fitters		Roofers, composition		Roofers, slate and tile		Sheet-metal workers		Sign painters	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
BUILDING TRADES—JOURNEYMEN—continued														
1909	32.6	110.7	40.1	108.3	38.8	104.8					34.7	105.3		
1910	34.6	109.3	40.6	108.2	39.1	104.6					35.7	105.3		
1911	35.3	108.6	40.8	108.2	41.4	104.3					36.8	105.0		
1912	35.7	108.5	41.6	107.5	41.6	103.5					37.0	103.7		
1913	37.3	107.9	42.0	107.4	43.0	103.5					39.3	103.5	39.9	100.7
1914	38.5	107.6	42.2	107.4	43.6	103.1	36.2	103.7	37.0	104.0	40.7	103.4	40.1	103.3
1915	38.7	107.6	42.4	107.0	43.9	103.1	37.1	103.7	33.4	104.0	41.3	103.3	40.1	103.0
1916	42.3	106.9	43.9	105.9	44.3	102.6	37.4	103.7	39.5	103.6	42.0	102.8	40.9	103.1
1917	43.0	106.8	45.2	105.7	45.3	102.6	39.5	103.0	42.1	101.8	43.8	102.7	42.7	103.6
1918	48.1	106.5	47.9	105.4	50.6	101.3	44.3	102.5	46.1	101.8	51.3	101.6	48.7	105.5
1919	50.3	106.1	54.9	105.4	57.2	101.3	49.3	102.5	52.5	101.5	56.9	101.2	56.1	105.4
1920	70.7	100.0	71.7	105.2	74.0	101.3	70.8	102.5	67.9	101.5	75.9	100.8	75.7	103.3
1921	78.9	103.1	75.6	104.9	77.4	101.1	74.2	100.6	73.9	101.4	78.7	100.8	78.5	105.4
1922	73.8	103.9	81.0	105.5	79.4	101.1	71.9	100.8	73.8	101.3	78.0	100.7	77.8	105.4
1923	81.0	103.6	81.0	105.6	84.6	101.1	83.3	100.6	87.3	101.6	86.3	100.7	84.7	103.4
1924	85.3	103.5	92.1	105.3	85.4	101.1	85.3	100.6	87.3	101.2	86.3	100.7	95.7	101.6
1925	90.4	103.8	92.1	105.3	85.4	101.1	85.3	100.6	87.3	101.2	89.2	100.7	95.7	101.6
1926	95.4	103.4	99.9	102.2	95.2	101.1	93.3	100.6	94.3	101.2	93.2	100.7	95.7	103.7
1927	98.6	103.0	101.0	101.8	97.2	100.9	95.3	100.6	98.8	101.2	98.2	100.7	98.5	101.8
1928	100.2	100.3	100.2	100.9	99.0	100.9	98.1	100.5	98.9	101.2	96.3	100.1	99.0	101.7
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	105.6	98.9	105.0	97.7	103.9	95.4	106.0	96.1	103.1	95.7	104.6	96.3	96.9	90.1
1931	106.1	98.0	104.7	97.0	105.1	94.1	106.7	94.9	103.5	94.1	102.4	94.7	96.8	98.1
1932	89.0	97.9	87.1	95.2	91.4	93.7	93.2	93.9	89.9	91.1	92.4	93.3	90.1	87.6
1933	87.8	97.7	83.7	97.2	90.6	93.0	91.2	95.1	87.7	94.1	90.4	93.2	83.2	97.8
1934	86.4	85.6	84.6	93.1	91.4	92.4	93.0	92.6	93.8	89.7	91.9	92.9	82.9	95.1
1935	86.7	85.5	85.6	91.6	92.8	91.8	95.6	92.5	89.5	92.6	90.4	92.0	85.6	93.1
1936	91.1	85.0	86.1	90.1	95.2	90.9	96.2	93.1	90.2	93.4	92.2	91.9	92.9	92.9
1937	97.7	85.0	94.9	90.2	100.4	91.1	103.7	93.2	96.9	93.9	95.9	92.0	96.8	92.9
1938	104.2	86.0	106.1	86.5	112.5	86.5	114.5	91.5	103.4	92.2	108.8	90.1	97.7	92.0
1939	105.0	85.7	107.0	86.5	113.5	86.8	115.2	91.6	104.4	92.2	110.4	90.1	97.9	91.9
BUILDING TRADES—JOURNEYMEN—continued														
BUILDING TRADES—HELPERS AND LABORERS														
	Steam and sprinkler fitters		Stone-cutters		Stonemasons		Structural-iron workers		Tile layers		All helpers and laborers <sup>1</sup>		Building laborers	
1909	38.9	105.6	38.2	101.2	35.3	106.8	37.2	104.5			33.2	103.5	35.3	103.1
1910	36.1	105.0	38.4	101.2	35.6	105.2	39.5	103.4			34.3	106.6	30.7	105.5
1911	37.3	104.9	38.5	101.2	36.0	104.5	40.5	103.2			34.5	106.4	36.8	105.5
1912	37.9	104.2	38.6	100.9	36.4	104.5	41.2	102.1	42.7	102.8	34.8	106.1	37.2	105.5
1913	39.3	103.8	39.6	100.8	37.0	104.4	42.5	101.7	44.8	102.3	35.8	106.1	38.8	105.5
1914	40.0	102.5	41.1	100.8	38.7	104.4	43.3	101.5	45.0	102.3	36.2	105.5	39.2	105.2
1915	40.9	102.5	41.4	100.8	39.1	104.3	43.3	101.5	45.3	101.9	36.5	105.4	39.4	105.2
1916	41.7	102.2	41.8	100.4	39.7	104.1	44.0	101.2	45.9	101.4	37.7	105.1	41.2	104.6
1917	43.3	102.1	43.8	100.3	41.2	104.0	46.6	101.0	48.2	101.1	41.4	104.7	45.5	103.5
1918	47.3	101.1	40.7	100.3	45.2	104.0	53.4	100.7	49.6	101.1	48.0	104.3	53.4	103.0
1919	53.2	101.0	55.5	100.3	50.7	103.4	60.1	100.5	54.1	100.7	55.5	103.3	60.5	101.1
1920	70.2	100.9	72.7	100.2	70.7	103.4	77.6	100.5	72.8	100.4	80.5	102.7	87.7	100.0
1921	71.7	100.8	74.7	100.2	72.4	103.5	76.2	100.5	72.2	100.5	81.3	102.7	88.2	100.0
1922	69.5	100.8	71.7	100.2	67.4	103.4	70.5	100.5	71.0	100.3	74.0	102.4	82.8	99.3
1923	72.9	100.8	78.2	100.1	79.7	103.4	75.1	100.5	77.6	100.6	78.5	102.6	84.4	100.0
1924	83.6	100.8	84.0	100.1	84.5	103.1	85.0	100.5	88.1	100.6	84.9	102.0	89.9	97.7
1925	80.0	100.8	87.5	100.3	86.1	103.1	85.9	100.2	90.2	100.6	87.7	102.4	93.7	99.8
1926	95.3	100.7	95.4	100.1	94.9	103.3	92.4	100.5	94.6	100.8	95.6	102.2	98.7	100.0
1927	98.0	100.5	95.1	100.1	98.1	103.1	99.0	100.5	99.0	100.5	97.3	102.2	99.1	100.2
1928	99.4	100.5	95.5	100.2	97.3	103.0	98.2	100.4	98.9	100.2	98.3	102.1	99.5	100.1
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	104.9	95.5	100.7	96.9	101.5	96.6	105.5	96.9	104.5	94.8	105.1	97.8	105.5	98.1
1931	105.5	94.5	101.0	95.4	102.0	94.9	106.5	95.8	105.6	93.6	104.5	97.0	105.9	97.0
1932	90.9	93.6	93.7	94.3	90.5	94.5	92.3	93.4	91.1	92.6	89.2	94.8	89.4	93.6
1933	88.2	93.1	84.7	94.3	84.5	93.8	91.3	93.1	88.3	92.4	85.2	94.4	84.2	93.2
1934	89.2	92.5	85.1	93.0	84.4	93.4	92.5	91.8	88.3	86.2	87.7	91.4	87.3	93.1
1935	90.7	92.2	85.1	92.7	84.2	93.3	93.2	90.7	89.6	86.2	88.2	90.8	88.6	89.0
1936	93.7	92.4	86.3	92.3	85.2	93.3	95.6	90.6	90.7	86.1	92.4	91.0	96.2	89.5
1937	98.8	92.5	88.3	92.3	94.1	93.3	104.4	90.2	97.1	89.8	101.5	91.3	105.3	88.7
1938	111.4	87.0	96.1	91.7	102.1	90.2	113.2	89.5	106.4	89.8	111.7	89.0	112.9	89.3
1939	112.2	87.6	96.5	91.8	102.4	90.2	114.5	89.4	106.5	89.8	112.6	80.7	113.6	89.2

<sup>1</sup> Including also plumbers' laborers and composition roofers' helpers, not reported separately.

No. 389.—WAGE RATES PER HOUR AND HOURS PER WEEK—INDEXES OF UNION SCALES IN BUILDING AND PRINTING TRADES, BY OCCUPATIONS: 1909 to 1939—Continued

[Rates and hours for 1928=100]

YEAR	Wage rates		Hours		Wage rates		Hours		Wage rates		Hours		Wage rates		Hours	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
<b>BUILDING TRADES—HELPERS AND LABORERS—continued</b>																
	Elevator constructors' helpers		Hod carriers (masons' tenders)		Marble setters' helpers		Plasterers' laborers		Steam and sprinkler fitters' helpers		Tile layers' helpers					
1909			33.3	110.1			36.0	105.9	26.9	102.8						
1910			33.8	109.2			36.2	105.9	28.1	101.8						
1911			34.1	108.6			36.2	105.9	29.3	101.7						
1912			34.3	107.8	35.8	100.5	36.6	105.2	30.2	101.6	36.1	103.0				
1913			34.8	107.8	37.9	100.5	37.5	105.3	31.0	101.3	36.8	102.5				
1914	37.5	102.9	35.2	106.4	38.1	100.1	38.3	105.4	31.6	102.0	37.1	102.5				
1915	37.8	102.2	35.4	106.4	38.1	100.1	38.4	105.4	32.5	102.0	38.4	100.9				
1916	38.8	102.2	36.5	106.4	38.1	100.1	39.4	104.4	33.0	101.7	39.8	100.6				
1917	40.9	101.7	40.7	106.3	40.6	100.1	42.1	104.2	35.1	101.7	40.8	99.8				
1918	43.6	101.7	47.5	106.3	42.5	100.1	48.5	104.2	40.5	100.3	42.1	99.8				
1919	52.9	100.9	55.6	105.9	48.6	100.0	55.3	103.9	48.6	100.2	51.0	99.5				
1920	74.1	100.7	80.8	105.7	82.0	100.0	80.1	103.8	70.4	100.2	83.5	99.5				
1921	77.5	100.6	81.2	105.7	81.9	100.2	82.7	103.4	72.2	100.2	84.4	99.6				
1922	73.8	100.6	67.3	105.9	76.2	100.2	72.6	103.4	74.1	100.3	79.3	99.6				
1923	77.3	100.6	73.5	105.9	82.3	100.2	80.0	103.5	78.7	100.3	81.1	100.5				
1924	85.2	100.0	76.8	105.8	80.2	100.2	80.0	103.4	87.2	100.3	88.3	100.5				
1925	89.2	100.5	85.8	105.7	84.6	100.2	91.7	103.3	89.7	100.3	90.6	100.5				
1926	96.1	100.5	93.5	105.8	93.9	100.2	97.1	99.9	95.0	100.2	98.4	100.5				
1927	99.0	100.5	95.7	105.8	93.3	100.0	99.0	99.3	99.3	100.4	99.5	100.5				
1928	100.9	100.5	95.8	105.8	94.3	100.1	99.6	100.1	101.4	100.0	101.5	100.5				
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
1930	105.4	96.2	103.8	99.3	101.7	95.9	106.0	97.4	100.3	92.1	108.5	93.6				
1931	105.7	94.7	103.5	98.8	101.8	94.2	105.6	96.0	100.3	91.8	108.5	92.6				
1932	96.9	94.7	85.8	96.6	93.2	93.8	87.6	96.3	94.3	91.7	95.8	91.4				
1933	88.9	92.5	84.7	96.1	90.7	94.0	82.5	94.7	91.6	91.6	91.4	91.5				
1934	88.4	91.8	90.3	94.3	90.9	92.3	84.8	91.8	91.9	91.1	91.5	87.6				
1935	88.6	91.5	87.4	94.2	91.5	92.3	86.2	90.7	98.0	91.1	94.6	86.3				
1936	89.5	92.1	92.1	94.0	91.6	92.2	88.0	89.2	93.2	91.5	96.0	76.3				
1937	91.8	91.7	90.1	94.3	97.0	92.2	95.3	89.2	160.0	91.8	101.2	81.6				
1938	104.5	91.1	109.1	93.2	105.4	92.2	108.1	85.1	121.8	82.3	111.6	81.6				
1939	107.9	86.8	109.4	92.9	105.9	92.2	109.0	84.8	122.5	82.2	111.9	81.6				
<b>PRINTING TRADES—BOOK AND JOB</b>																
	All book and job trades		Bindery women		Book-binders		Compositors, hand		Electrotypers		Machine operators					
1909	35.7	115.8			37.5	108.1	36.0	108.8	32.8	107.5	40.9	107.8				
1910	37.6	115.4			37.9	107.7	37.6	108.8	34.1	104.7	42.3	107.8				
1911	38.6	115.4			38.6	107.4	38.6	108.8	36.1	104.0	42.8	107.8				
1912	39.3	115.3			38.8	107.4	39.4	108.7	36.6	104.0	43.8	107.5				
1913	40.0	115.3			39.8	107.4	39.9	108.7	37.3	103.8	45.0	107.5				
1914	40.9	115.3			40.4	107.4	40.9	108.7	39.0	103.6	45.5	107.5				
1915	41.1	115.3	37.3	107.0	40.5	107.4	41.1	108.7	39.9	103.6	45.6	107.5				
1916	41.7	115.3	37.9	107.0	40.6	107.4	42.0	108.7	41.0	103.5	45.7	107.7				
1917	43.2	115.3	40.6	107.0	43.1	107.4	42.9	108.7	42.3	103.4	46.8	107.7				
1918	47.8	115.3	45.3	107.0	48.4	107.4	47.3	108.7	44.4	103.4	50.5	107.7				
1919	58.9	115.2	68.7	107.0	61.8	107.4	57.8	108.7	50.9	103.4	60.9	107.7				
1920	76.9	110.9	81.1	107.0	81.2	107.4	78.1	108.7	72.9	103.3	77.6	107.7				
1921	84.7	102.1	94.7	102.1	88.9	101.9	87.3	102.8	84.7	100.1	87.8	102.1				
1922	85.0	100.8	91.7	100.8	86.3	100.9	88.8	100.7	83.4	98.7	87.9	100.6				
1923	88.3	100.2	95.8	100.3	90.5	100.4	90.9	99.7	91.8	99.6	89.5	100.6				
1924	92.0	100.2	97.2	100.3	94.6	100.1	94.9	100.0	95.2	99.3	93.3	99.8				
1925	92.9	100.3	98.3	100.3	95.6	100.4	94.4	100.0	94.9	100.2	93.3	100.2				
1926	95.0	100.1	96.4	100.5	97.3	100.3	96.3	100.0	95.8	100.2	94.4	100.0				
1927	97.3	100.1	98.7	99.9	99.4	100.0	98.0	100.0	96.9	100.3	98.1	100.2				
1928	98.7	100.1	99.2	99.8	98.9	100.7	99.5	100.0	97.7	100.2	98.4	100.0				
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
1930	101.8	99.9	100.7	99.9	101.2	99.9	102.2	100.0	102.9	98.9	102.7	100.0				
1931	102.5	99.9	101.2	99.8	101.6	99.8	102.8	100.0	105.2	98.1	103.2	100.0				
1932	101.4	96.1	98.7	99.9	97.9	99.7	102.5	99.7	104.8	98.2	103.3	99.9				
1933	95.8	95.1	94.8	99.9	94.4	99.6	96.3	96.5	98.2	93.1	96.9	95.6				
1934	98.4	91.8	99.6	93.6	97.9	93.1	97.3	94.1	105.1	90.1	97.0	92.9				
1935	100.6	90.4	100.5	92.8	99.3	91.5	99.0	92.4	106.7	88.2	95.6	81.2				
1936	103.5	90.5	102.4	92.4	100.6	91.5	102.0	91.7	107.1	86.5	102.0	80.4				
1937	106.7	90.3	104.0	91.9	103.4	91.5	105.8	91.6	108.5	86.3	104.8	80.3				
1938	110.4	89.9	109.0	91.5	107.2	91.2	109.4	91.4	113.4	84.5	107.7	80.1				
1939	111.2	88.6	110.6	90.4	109.3	90.0	109.9	91.4	114.2	83.6	108.0	80.1				

NO. 389.—WAGE RATES PER HOUR AND HOURS PER WEEK—INDEXES OF  
UNION SCALES IN BUILDING AND PRINTING TRADES, BY OCCUPATIONS: 1909  
TO 1939—Continued

[Rates and hours for 1929=100]

YEAR	Wage rates		Hours		Wage rates		Hours		Wage rates		Hours		Wage rates		Hours	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
	PRINTING TRADES—BOOK AND JOB—continued															
PRINTING TRADES—NEWSPAPER																
PRINTING TRADES—BOOK AND JOB—continued																
Machine tenders (machinists)		Photoengravers		Press assistants and feeders		Pressmen, cylinder		Pressmen, platen		All newspaper						
Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours					
1909				31.2	108.5	40.3	108.6	37.5	108.0	43.1	101.5					
1910				31.8	108.3	40.6	108.4	38.1	107.8	44.6	101.3					
1911				33.1	108.3	41.4	108.4	38.9	107.8	45.2	101.3					
1912	43.9	108.6		33.6	108.3	42.1	108.4	39.4	107.8	46.0	101.1					
1913	44.6	108.0		34.4	108.1	42.6	108.4	40.2	107.9	47.0	101.0					
1914	44.7	108.6		35.3	108.1	43.6	108.4	40.8	107.9	47.5	100.8					
1915	44.9	108.6		35.5	108.1	43.8	108.4	41.0	107.9	47.8	100.7					
1916	45.0	108.8	38.9	108.9	36.0	108.1	44.2	108.4	41.8	107.9	48.0	100.6				
1917	46.1	108.8	42.3	108.9	37.9	108.1	45.0	108.4	43.9	107.9	49.2	100.6				
1918	50.6	108.8	44.9	108.6	44.3	108.1	48.9	108.4	48.4	107.9	51.0	100.6				
1919	62.2	108.8	52.3	108.6	57.1	108.1	60.5	108.4	59.4	107.9	62.2	100.8				
1920	77.9	108.8	72.2	100.2	78.4	108.0	78.6	108.4	80.5	107.8	76.1	100.7				
1921	90.1	100.8	76.9	100.0	84.8	102.2	86.8	102.4	80.9	102.2	82.8	100.4				
1922	89.0	100.4	77.6	100.0	82.1	101.1	84.8	101.2	87.9	101.6	83.5	102.4				
1923	90.8	100.1	78.4	100.0	91.9	100.4	91.5	100.7	91.5	100.3	84.4	102.2				
1924	94.8	100.0	83.9	100.0	91.1	100.6	94.2	100.9	94.3	100.6	89.5	100.8				
1925	94.9	100.2	86.0	100.2	96.2	100.3	95.4	100.4	94.8	100.5	91.1	100.5				
1926	98.2	100.0	91.5	100.0	97.3	100.2	97.3	100.2	99.3	99.7	93.1	100.7				
1927	98.8	100.0	95.9	100.0	98.5	100.1	97.5	100.2	100.2	99.7	95.9	100.4				
1928	99.2	100.0	98.6	100.0	99.1	100.0	98.3	100.0	98.5	99.9	98.3	100.2				
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
1930	101.8	100.0	100.2	98.8	101.2	100.0	101.8	100.0	101.7	100.0	101.0	99.8				
1931	102.9	100.0	100.5	99.8	102.0	100.0	102.5	100.0	102.2	100.5	101.3	99.8				
1932	108.5	100.0	103.5	94.9	97.6	87.9	99.8	91.4	100.0	98.2	101.1	97.3				
1933	97.4	95.0	101.5	91.7	90.9	92.9	93.6	92.4	93.1	95.9	94.5	96.8				
1934	100.4	91.5	103.1	90.5	94.4	89.8	96.3	92.2	95.7	92.0	95.8	89.1				
1935	100.9	90.7	109.6	86.9	96.5	89.6	97.5	88.9	96.4	91.3	101.6	87.6				
1936	104.0	90.2	112.3	85.7	99.7	91.9	101.5	90.7	100.4	91.3	103.1	86.5				
1937	107.0	90.2	113.7	85.2	104.8	91.7	105.1	90.4	105.0	90.9	107.0	85.7				
1938	110.3	90.1	118.6	84.4	110.2	91.5	108.2	90.1	108.2	90.6	109.8	85.3				
1939	110.7	90.0	117.5	83.8	110.9	91.5	109.0	90.1	109.2	90.6	111.1	84.6				
PRINTING TRADES—NEWSPAPER—continued																
Compositors, hand		Machine operators		Machine tenders (machinists)		Photoengravers		Pressmen, web presses		Stereotypers						
Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours					
1909	43.4	101.5	43.1	101.6					42.2	98.9	45.3	102.8				
1910	45.2	101.5	44.4	101.6					43.0	98.6	46.4	101.6				
1911	46.1	101.5	44.8	101.6					43.9	98.6	46.7	101.4				
1912	47.1	101.2	45.6	101.3	49.6	100.6			44.5	98.4	47.4	101.2				
1913	47.9	101.2	46.4	101.2	50.0	100.6			45.5	98.4	50.2	101.3				
1914	48.4	100.9	46.9	100.9	50.3	100.5			45.8	98.4	50.7	101.1				
1915	48.7	100.8	47.3	100.6	50.6	100.3			46.0	98.4	50.8	101.0				
1916	48.9	100.7	47.5	100.5	50.7	100.2	42.7	106.9	46.3	98.4	51.3	101.0				
1917	50.1	100.7	48.9	100.5	51.3	100.2	44.6	106.9	47.2	98.3	52.8	100.9				
1918	52.3	100.8	50.6	100.7	53.8	100.3	48.3	105.7	50.9	98.3	54.8	100.9				
1919	62.9	100.8	61.6	100.7	68.3	100.3	56.9	105.4	62.7	99.0	61.7	101.0				
1920	76.4	101.1	76.3	100.8	84.3	100.4	65.6	104.3	77.5	98.0	75.3	100.5				
1921	83.3	100.9	81.2	100.6	87.9	100.4	77.6	101.1	83.0	98.4	87.7	99.1				
1922	85.2	102.1	88.4	102.1	88.7	101.0	81.3	101.8	78.7	103.5	86.4	101.0				
1923	86.0	102.1	84.3	102.0	88.9	101.0	81.0	100.9	79.8	103.0	88.1	100.9				
1924	90.6	101.1	89.4	100.6	94.0	100.4	84.4	100.9	88.7	99.8	90.7	100.8				
1925	91.3	101.0	91.1	100.6	91.4	100.9	87.8	100.2	92.7	99.2	93.1	100.4				
1926	93.4	101.2	93.4	100.3	90.5	100.7	94.4	99.3	92.7	100.3	94.3	100.4				
1927	96.5	100.6	95.4	100.2	95.7	100.1	95.7	100.2	97.5	100.1	95.5	100.2				
1928	98.3	100.4	98.9	99.9	97.9	100.3	99.5	100.0	99.6	99.7	95.5	100.7				
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
1930	100.9	99.7	100.8	99.8	100.8	99.8	101.6	99.9	101.7	99.8	100.8	100.0				
1931	101.0	99.7	100.9	99.8	101.0	99.8	102.6	99.5	102.3	99.8	101.2	100.1				
1932	100.0	97.6	100.2	95.9	100.4	92.9	103.8	99.4	103.6	97.8	100.2	99.3				
1933	93.4	96.5	93.7	95.2	93.3	92.1	96.0	99.6	97.0	98.7	94.6	98.1				
1934	94.8	86.7	94.9	85.2	94.5	82.6	100.5	95.5	97.2	93.9	96.0	94.9				
1935	100.9	85.6	101.2	84.8	100.9	81.4	105.3	92.4	102.5	91.8	100.5	92.7				
1936	102.7	84.0	102.9	82.7	102.8	80.0	107.9	92.1	103.1	91.4	102.0	92.3				
1937	107.1	83.5	107.3	82.2	107.2	79.7	109.9	91.1	106.5	90.3	105.2	90.6				
1938	109.3	83.5	109.7	82.1	109.8	79.6	115.5	88.0	109.3	89.3	108.8	88.8				
1939	110.1	83.4	110.5	82.1	110.3	79.6	117.8	88.4	111.7	89.1	109.9	86.1				

\* Includes pressmen-in-charge.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review.

No. 390.—WAGE RATES—DISTRIBUTION OF UNION MEMBERS IN BUILDING, PRINTING, AND BAKERY TRADES, UNION STREET-RAILWAY EMPLOYEES, AND UNION MOTOR-TRUCK DRIVERS, BY HOURLY WAGE RATES, AS OF JUNE 1, 1939

TRADE AND OCCUPATION	Average hourly rate	PERCENTAGE OF UNION MEMBERS WHOSE RATES (IN CENTS) PER HOUR WERE—								
		Under 60	60 and under 80	80 and under 100	100 and under 120	120 and under 140	140 and under 160	160 and under 180	180 and under 200	200 and over
All building trades.....	\$1.364									
Journeyman (skilled work-ers).....	1.468	0.2	0.9	12.7	30.7	18.9	27.4	4.1	5.1	
Asbestos workers.....	1.468		6.4	4.6	47.8	11.6	18.1		12.5	
Boilermakers.....	1.602				17.9	42.2	12.5	28.0		
Bricklayers.....	1.662				9	6.6	28.9	34.5	1.1	
Carpenters.....	1.401	(1)	.8	17.9	37.7	12.0	31.6			
Cement finishers.....	1.441		.4	6.1	44.5	13.9	33.4	1.6	.1	
Electricians, inside wire-men.....	1.532	.1	.5	14.4	25.5	15.0	23.6	1.1	19.8	
Elevator constructors.....	1.531			2.9	20.0	37.9	12.5	20.7		
Engineers, portable and hoisting.....	1.561	.2	.5	8.8	21.4	27.4	19.2	6.4	16.1	
Glaziers.....	1.404	.7	4.1	29.5	20.2	8.4	2.0	29.1		
Granite cutters.....	1.270			36.1	55.7	4.9	.5		2.8	
Lathers.....	1.625	.1		2.8	14.7	26.9	41.3		14.2	
Machinists.....	1.450		.8	4.9	35.8	7.4	51.1			
Marble setters.....	1.586				2.2	20.9	13.2	1.5		
Mosaic and terrazzo workers.....	1.442			4.0	49.1	17.1	29.8			
Painters.....	1.365	.2	2.1	19.6	32.3	24.0	21.8		(1)	
Paperhangers.....	1.337	.6	1.0	20.7	47.2	8.0	27.5			
Plasterers.....	1.636				9	15.7	18.7	1.2	30.2	
Plumbers and gas fitters.....	1.526		.2	3.3	31.5	30.9	18.4		15.7	
Rodmen.....	1.470			10.7	34.0	18.4	34.6		2.3	
Roofers, composition.....	1.270	8.9	8.8	23.8	33.0	9.2	19.9		1.4	
Roofers, slate and tile.....	1.397	1.3	3.2	16.6	32.1	14.2	26.9	5.7		
Sheet-metal workers.....	1.437		.5	11.6	50.0	11.1	10.0	10.8	7.7	
Sign painters.....	1.568		(1)	11.5	21.7	18.9	32.9	9.3		
Steam and sprinkler fitters.....	1.580		.2	3.5	23.9	24.2	30.8		17.4	
Stonemasons.....	1.384		10.3	13.1	36.9	14.1	16.1	9.2	.3	
Stonemasons.....	1.544			3	25.2	37.3	20.7	10.5		
Structural-iron workers.....	1.566				22.4	25.1	36.3	9.5	6.7	
Tile layers.....	1.497			1.8	33.3	22.9	42.0			
Helpers and laborers.....	.866	10.7	20.7	24.0	23.8	3.1	3.7			
Building laborers.....	.790	14.3	35.2	26.0	24.5	(1)				
Elevator constructors' helpers.....	1.144		.9	20.8	42.5	35.8				
Hod carriers (masons' tenders).....	.886	8.1	24.6	27.1	37.7	2.5				
Marble setters' helpers.....	1.038	1.0	13.6	29.2	22.8	33.4				
Plasterers' laborers.....	1.094	5.0	9.0	12.3	42.1	7.5	24.1			
Steam and sprinkler fitters' helpers.....	1.109	.6	25.1	20.5	13.5		40.3			
Tile layers' helpers.....	1.001	1.3	19.4	33.4	15.4	30.5				
All printing trades.....	1.193	6.1	4.2	7.7	31.6	31.6	11.4	4.5	2.3	.6
Printing, book and job.....	1.135	9.2	6.8	9.3	31.0	31.3	6.5	3.0	3.0	(1)
Bindery women.....	.635	72.2	27.8		(1)					
Bookbinders.....	1.032	8.1	1.3	12.6	66.6	11.3	.1			
Compositors, hand.....	1.205			4.5	45.8	49.5	.2			
Electrotypers.....	1.423			2.5	11.5	29.3	12.0	44.7		
Machine operators.....	1.276			2.6	28.5	68.6				.8
Machine tenders (machinists).....	1.285			1.3	27.5	58.0	12.3			
Mailers.....	1.037	3.0	2.9	17.9	74.8	1.4				
Photengravers.....	1.564				.5	21.0	42.1	4.9	31.5	
Press assistants and feeders.....	.982	5.2	17.5	31.9	36.4	9.0				
Pressmen, cylinder.....	1.246			4.7	37.2	42.0	13.4	2.7		
Pressmen, platen.....	1.053		7.9	40.2	20.3	31.6				
Printing, newspaper.....	1.302	.1	1.3	4.7	31.1	32.5	20.5	7.2	1.0	1.6
Compositors, hand.....	1.349									
Day work.....	1.296		(1)	2.0	26.7	46.2	24.1	(1)	.5	.5
Night work.....	1.402			(1)	13.6	38.5	39.7	7.9		.3
Machine operators.....	1.356									
Day work.....	1.307		.1	2.2	23.9	43.9	20.9	.7	1.4	1.9
Night work.....	1.406			.1	12.4	43.5	41.5	1.5		1.0
Machine tenders (machinists).....	1.352									
Day work.....	1.305			1.3	22.3	50.8	25.4		.2	
Night work.....	1.413				11.8	39.9	27.0	21.3		
Malters.....	.684									
Day work.....	.917	1.8	19.8	45.0	33.4					
Night work.....	1.038	.3	5.5	17.1	75.8	1.3				

For footnotes, see p. 354.



**NO. 390.—WAGE RATES—DISTRIBUTION OF UNION MEMBERS IN BUILDING, PRINTING, AND BAKERY TRADES, UNION STREET-RAILWAY EMPLOYEES, AND UNION MOTOR-TRUCK DRIVERS, BY HOURLY WAGE RATES, ETC.—CON.**

TRADE AND OCCUPATION	Average hourly rate	PERCENTAGE OF UNION MEMBERS WHOSE RATES (IN CENTS) PER HOUR WERE—								
		Under 80	60 and under 80	80 and under 100	100 and under 120	120 and under 140	140 and under 160	160 and under 180	180 and under 200	200 and over
All printing trades—Con.										
Printing, newspaper—Con.										
Photoengravers	\$1. 703									
Day work	1. 583			0. 3	0. 2	17. 1	37. 2	45. 2		
Night work	1. 829			. 9		1. 4	12. 5	30. 7	14. 7	39. 8
Pressmen in charge	1. 386									
Day work	1. 280			. 8	30. 2	53. 3	2. 5	13. 2		
Night work	1. 514				8. 9	29. 0	33. 0	. 4	28. 7	
Pressmen (journeymen)	1. 239									
Day work	1. 168		0. 5	2. 7	79. 6	5. 0	12. 4			
Night work	1. 367			2. 3	17. 8	47. 5	. 4	32. 0		
Stereotypers	1. 241									
Day work	1. 171			5. 5	54. 7	37. 5	2. 3			
Night work	1. 334			2. 0	34. 6	27. 1	12. 2	23. 5	. 6	
Bakery trades <sup>1</sup>	. 769	28. 3	31. 8	22. 3	8. 3	4. 8	3. 3			
Street-railway employees <sup>2</sup>	. 755	3. 2	61. 1	35. 7						
Motor-truck drivers <sup>3</sup>	. 793	10. 3	44. 0	31. 5	13. 3	. 9				

<sup>1</sup> Less than one-tenth of 1 percent.

<sup>2</sup> Includes also plumbers' laborers and composition roofers' helpers, not shown separately.

<sup>3</sup> Includes all occupations covered by bakery union agreements.

<sup>4</sup> Includes conductors, motormen, and bus drivers on lines operated by street railroads.

<sup>5</sup> Includes drivers of all sizes and types of trucks in all classes of hauling for which time rates are provided.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review for November and December 1939 and January, February, and March 1940, and special pamphlets.

**NO. 391.—STRIKES—NUMBER, WORKERS INVOLVED, AND MAN-DAYS IDLE, BY MAJOR ISSUES INVOLVED: 1927 TO 1939**

Note.—The term "strike" is here used in the generic sense to include all stoppages of work due to labor disputes, whether initiated by the employers (lock-outs) or by the workers. Strikes involving fewer than 6 workers or lasting less than 1 day are not included. Information regarding strikes is obtained principally from the public press, union publications, and trade journals. Reports are also received from the various Government labor boards and conciliation services. For the first time, information was also obtained from one of the clothing unions, which began in 1933 to keep a complete record of all strikes conducted by the union.

YEAR	NUMBER OF STRIKES ENDING IN YEAR				NUMBER OF WORKERS INVOLVED				NUMBER OF MAN-DAYS IDLE			
	Total	Major issues			Total	Major issues			Total	Major issues		
		Wages and hours	Union organization	Miscellaneous		Wages and hours	Union organization	Miscellaneous		Wages and hours	Union organization	Miscellaneous
1927..	666	273	240	153	319, 442	232, 217	44, 451	42, 774	25, 689, 915	24, 049, 622	843, 535	795, 758
1928..	620	222	226	172	322, 866	139, 913	95, 320	37, 633	13, 065, 634	10, 731, 568	1, 555, 889	778, 177
1929..	924	373	332	169	286, 163	104, 059	101, 724	30, 389	5, 304, 638	2, 311, 270	1, 953, 952	1, 039, 416
1930..	651	284	207	160	181, 001	73, 223	75, 949	32, 729	3, 107, 948	1, 309, 036	1, 467, 223	331, 084
1931..	796	447	221	128	345, 669	165, 308	115, 997	74, 364	7, 212, 127	3, 216, 684	3, 026, 305	968, 578
1932..	852	560	162	130	324, 980	234, 158	72, 940	17, 862	10, 521, 437	8, 583, 088	1, 740, 190	195, 150
1933..	1, 672	926	533	213	1, 143, 010	544, 084	465, 272	134, 554	16, 503, 940	6, 309, 415	8, 664, 221	1, 590, 304
1934..	1, 817	717	335	265	1, 480, 343	346, 174	762, 367	371, 802	19, 491, 844	4, 732, 677	12, 236, 680	2, 522, 487
1935..	2, 003	700	945	298	1, 101, 602	662, 539	287, 876	151, 437	14, 918, 234	6, 399, 526	7, 051, 122	1, 467, 588
1936..	2, 156	756	1, 083	317	709, 748	250, 672	365, 019	94, 067	11, 432, 536	3, 685, 352	6, 882, 037	804, 647
1937..	4, 720	1, 410	2, 728	582	1, 945, 745	435, 568	1, 163, 197	346, 980	30, 848, 394	4, 835, 573	23, 580, 248	2, 432, 573
1938..	2, 772	776	1, 385	611	687, 629	252, 166	224, 491	210, 972	8, 926, 099	3, 108, 445	3, 961, 769	1, 855, 885
1939..	2, 639	699	1, 411	529	1, 177, 893	361, 703	641, 208	184, 832	18, 520, 508	3, 311, 779	13, 841, 951	1, 366, 773

Source: Dept. of Labor, Bureau of Labor Statistics; Bulletin No. 651, Strikes in the United States, 1880-1936; annual report, Analysis of Strikes. Figures are published currently in Monthly Labor Review.

NOTE.—See headnote, table 391

INDUSTRY GROUP	NUMBER OF STRIKES BEGINNING—					NUMBER OF WORKERS INVOLVED IN STRIKES					NUMBER OF MAN-DAYS IDLE DURING YEAR				
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
All industries.....	2, 014	2, 172	4, 740	2, 773	2, 613	1, 117, 213	788, 648	1, 860, 621	688, 376	1, 170, 962	15, 456, 337	13, 901, 956	28, 424, 857	9, 148, 273	17, 812, 219
MANUFACTURING															
Iron and steel and their products, not including machinery.....	67	69	226	85	57	16, 592	21, 610	186, 017	29, 372	14, 466	314, 597	484, 090	3, 405, 840	397, 022	212, 760
Machinery, not including transportation equipment.....	50	73	261	85	85	16, 159	29, 247	91, 625	21, 158	25, 027	375, 744	944, 720	1, 944, 258	580, 285	433, 283
Transportation equipment.....	42	53	165	49	56	38, 216	54, 049	372, 399	82, 738	133, 635	642, 700	718, 588	4, 720, 686	318, 449	2, 656, 269
Nonferrous metals and their products.....	44	31	117	38	32	7, 486	9, 525	29, 044	7, 708	6, 180	187, 139	152, 703	677, 739	149, 745	167, 507
Lumber and allied products.....	135	143	326	142	170	62, 707	39, 270	76, 990	22, 126	31, 145	1, 818, 012	1, 019, 284	1, 797, 619	782, 707	799, 543
Stone, clay, and glass products.....	35	39	106	42	53	11, 833	24, 689	24, 180	7, 954	11, 350	346, 940	723, 522	612, 010	250, 294	136, 901
Textiles and their products.....	497	455	680	536	539	200, 636	128, 578	213, 455	109, 357	00, 732	3, 634, 988	2, 777, 498	3, 827, 398	1, 424, 937	1, 320, 994
Leather and its manufactures.....	73	72	142	59	46	16, 307	20, 472	41, 565	14, 330	9, 492	258, 929	218, 996	630, 405	159, 462	184, 312
Food and kindred products.....	103	106	266	168	148	26, 683	13, 859	52, 411	55, 520	29, 560	842, 109	244, 718	673, 419	669, 765	394, 943
Tobacco manufactures.....	5	6	30	9	4	9, 922	1, 090	10, 206	2, 579	4, 796	36, 000	12, 573	197, 253	147, 255	73, 665
Paper and printing.....	52	47	161	73	58	5, 025	5, 203	25, 297	13, 764	5, 093	134, 543	191, 068	480, 865	241, 052	181, 721
Chemicals and allied products.....	8	20	66	38	39	832	13, 990	11, 345	4, 040	13, 716	5, 662	230, 766	309, 876	78, 101	391, 820
Rubber products.....	7	43	39	29	19	1, 308	76, 699	53, 829	25, 612	9, 694	18, 982	477, 286	673, 719	165, 507	73, 868
Miscellaneous manufacturing.....	67	76	194	83	83	9, 249	9, 536	39, 352	13, 992	9, 290	222, 789	211, 069	623, 279	450, 838	155, 082
NONMANUFACTURING															
Extraction of minerals.....	90	83	111	63	64	479, 514	56, 063	162, 645	37, 515	383, 432	4, 019, 333	1, 237, 470	2, 617, 559	529, 222	7, 464, 581
Transportation and communication.....	198	165	370	211	252	64, 225	83, 231	135, 489	76, 355	86, 556	959, 950	2, 095, 435	1, 868, 974	719, 951	856, 915
Trade.....	138	164	523	339	283	16, 677	30, 532	80, 107	39, 626	26, 236	219, 152	326, 749	1, 036, 574	826, 023	425, 689
Domestic and personal service.....	93	116	372	178	161	29, 065	72, 246	79, 047	14, 187	21, 134	281, 476	861, 114	1, 447, 467	169, 634	277, 402
Professional service.....	23	24	41	47	34	1, 922	1, 052	7, 431	4, 037	3, 317	15, 626	14, 394	103, 587	30, 009	35, 086
Building and construction.....	139	230	328	315	320	17, 815	33, 225	71, 906	44, 339	70, 097	181, 632	345, 351	848, 018	405, 482	633, 488
Agriculture and fishing.....	29	42	40	48	39	24, 211	21, 046	7, 713	24, 313	36, 754	474, 368	848, 804	61, 183	409, 951	477, 363
Works Progress Administration, relief, and resettlement projects.....	95	80	65	87	33	41, 153	40, 016	52, 094	31, 031	144, 920	402, 340	232, 216	307, 922	136, 056	428, 242
Other nonmanufacturing industries.....	17	34	109	48	38	696	2, 920	14, 774	6, 673	4, 340	8, 326	29, 042	132, 509	106, 596	30, 780
Interindustry.....	1					3, 000					3, 000				
General strikes.....	1	1	2			26, 000	1, 500	21, 700			52, 000	4, 500	21, 700		

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 651, Strikes in the United States, 1880-1936; annual report, Analysis of Strikes. Figures are published currently in Monthly Labor Review.

No. 393.—CIVILIAN CONSERVATION CORPS—ENROLLED STRENGTH AND AMOUNT EXPENDED OR OBLIGATED: JULY 1933 TO JUNE 1940

MONTH	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40
	Enrolled strength at end of month <sup>1</sup>						
July	293,582	345,181	404,425	345,390	287,550	291,481	289,630
August	275,998	358,047	505,782	323,276	264,921	279,693	277,205
September <sup>2</sup>	208,700	277,704	449,580	261,091	179,127	239,301	208,942
October	240,241	349,334	474,390	346,553	302,093	291,877	291,628
November	287,733	337,456	470,121	332,011	286,889	283,166	279,946
December	278,517	299,479	445,147	317,250	275,107	252,521	233,336
January	289,184	346,245	413,011	351,475	276,953	293,969	293,771
February	278,766	332,876	392,761	336,054	268,152	286,168	286,166
March <sup>2</sup>	211,747	241,810	294,921	242,214	238,548	198,004	215,434
April	267,256	341,891	331,195	310,088	255,474	291,246	271,458
May	285,546	329,362	346,450	288,127	247,533	280,425	253,474
June	232,677	358,568	321,243	261,268	231,091	233,439	200,079
OBJECT OF EXPENDITURE	Expended or obligated, years ended June 30 <sup>3</sup> (thousands of dollars)						
Total	312,336	444,109	490,679	396,548	308,599	284,828	278,822
Pay of enrollees	102,534	128,391	154,091	121,930	102,411	107,688	105,233
Pay of civilians	49,253	61,804	85,733	56,361	73,022	61,212	56,110
Other expenditures <sup>4</sup>	160,549	253,914	250,855	218,257	133,165	116,028	117,513

<sup>1</sup> Excludes Indians and enrollees in Territories and outlying possessions, averaging about 11,000 per month. Data prior to July 1933 are: April, 37,189; May, 154,238; and June, 279,722.  
<sup>2</sup> Enrollment low because month is at end of 6-month-discharge period.  
<sup>3</sup> Includes amounts expended or obligated on Indian reservations and in Alaska, Hawaii, and Puerto Rico, and, beginning with 1934-35, in Virgin Islands. Does not include amounts expended for acquisition of land, which from April 1933 to June 1937 totaled \$81,334,000; no expenditures on this account thereafter.  
<sup>4</sup> Includes expenditures for subsistence, supplies, material, equipment, repairs and alterations, structures, travel, utilities, etc.

Source: Federal Security Agency, Civilian Conservation Corps; annual report of C. C. C.

No. 394.—EMPLOYMENT AND PAY ROLL ON CONSTRUCTION PROJECTS FINANCED FROM REGULAR FEDERAL GOVERNMENTAL APPROPRIATIONS: 1934 TO 1940

NOTE.—Pay-roll disbursements in thousands of dollars. No compilations made for months prior to August 1934. Monthly figures cover periods ended on 15th. Data for employees engaged on force-account projects (projects for which contracts are not let) are duplicated in figures given elsewhere for Federal executive service

YEAR OR MONTH	Number of wage earners <sup>1</sup>	Pay-roll disbursements	Average earnings per hour	YEAR OR MONTH	Number of wage earners <sup>1</sup>	Pay-roll disbursements	Average earnings per hour
1934 (Aug. to Dec.)	17,516	4,787	\$0.547	1938—Continued.			
1935	40,563	31,645	.822	September	265,793	27,271	\$0.886
1936	117,005	125,993	.860	October	263,992	24,917	.692
1937	152,923	211,360	.700	November	245,150	23,322	.702
January	134,447	12,874	.721	December	218,689	20,423	.716
February	127,599	11,970	.730	1939	236,683	291,082	.736
March	128,042	12,397	.729	January	181,976	18,704	.724
April	143,923	14,912	.709	February	172,264	16,859	.746
May	169,030	15,871	.701	March	171,130	18,283	.754
June	191,547	18,233	.690	April	190,581	19,150	.744
July	208,801	20,804	.675	May	216,716	21,812	.735
August	219,627	23,765	.689	June	248,525	20,438	.715
September	229,371	23,185	.687	July	265,168	25,776	.732
October	231,322	21,675	.695	August	275,506	28,095	.732
November	221,252	20,894	.701	September	286,652	30,677	.720
December	189,147	17,689	.714	October	288,497	29,306	.736
1938	210,521	246,684	.710	November	276,073	28,688	.747
January	159,072	15,057	.733	December	265,106	27,294	.757
February	147,576	14,237	.730	1940 (6 months)	242,633	159,109	.783
March	147,835	14,554	.740	January	206,945	22,259	.793
April	167,659	17,031	.715	February	203,893	21,918	.804
May	197,651	19,159	.724	March	220,310	22,959	.787
June	216,531	20,864	.713	April	248,824	26,976	.782
July	238,754	23,999	.697	May	276,093	30,178	.770
August	257,553	24,945	.711	June	299,760	31,819	.769

<sup>1</sup> Maximum number employed during any 1 week of the month by each contractor and Government agency doing force-account work (projects for which contracts are not let). Includes weekly average for public-road projects.  
<sup>2</sup> Average of monthly maxima.

Source: Department of Labor, Bureau of Labor Statistics; figures published currently in a pamphlet "Employment and Pay Rolls."

No. 395.—EMPLOYMENT AND PAY ROLLS ON PROJECTS FINANCED FROM PUBLIC WORKS ADMINISTRATION FUNDS: JULY 1933 TO JUNE 1940

NOTE.—Pay-roll disbursements in thousands of dollars. Construction projects financed by the Public Works Administration are those projects authorized by the National Industrial Recovery Act of June 1933. This program of public works was extended to June 30, 1937, by the Emergency Relief Appropriation Acts of 1935 and 1936. The Public Works Administration was continued until July 1, 1939, by the P. W. A. Extension Act of 1937, and to June 30, 1941, by the P. W. A. Appropriation Act of 1938. Data for employees engaged on force-account projects (projects for which contracts are not let) are duplicated in employment figures given elsewhere for Federal executive service and railroads. Monthly figures cover periods ended on the 15th. Figures for July 1935 and subsequent months include data for employees working on P. W. A. projects financed from funds provided by the Emergency Relief Appropriation Acts of 1935, 1936, and 1937, and P. W. A. Appropriation Act of 1938. See table 396

YEAR AND MONTH	Number of wage earners <sup>1</sup>	Pay-roll disbursements	Average earnings per hour	YEAR AND MONTH	Number of wage earners <sup>1</sup>	Pay-roll disbursements	Average earnings per hour
1933 (6 months).....	<sup>2</sup> 126, 052	33, 244	\$0. 534	1937.....	<sup>2</sup> 187, 464	179, 676	\$0. 819
July.....	207	26	. 751	January.....	219, 093	16, 204	. 827
August.....	4, 848	134	. 638	February.....	193, 854	14, 024	. 832
September.....	48, 177	2, 086	. 551	March.....	194, 271	14, 249	. 810
October.....	146, 747	6, 354	. 528	April.....	210, 070	16, 725	. 804
November.....	255, 512	11, 552	. 531	May.....	225, 132	17, 187	. 799
December.....	300, 758	13, 092	. 537	June.....	220, 838	17, 691	. 805
1934.....	<sup>2</sup> 475, 495	308, 394	. 589	July.....	210, 545	16, 844	. 809
January.....	208, 259	12, 789	. 541	August.....	196, 491	16, 155	. 810
February.....	311, 428	14, 347	. 541	September.....	176, 214	16, 069	. 830
March.....	307, 036	14, 098	. 553	October.....	154, 059	13, 107	. 836
April.....	383, 076	18, 863	. 571	November.....	132, 890	11, 898	. 848
May.....	506, 459	25, 970	. 504	December.....	116, 109	9, 633	. 853
June.....	611, 822	33, 830	. 564	1938.....	<sup>2</sup> 132, 973	127, 225	. 856
July.....	643, 269	34, 707	. 573	January.....	98, 743	7, 671	. 842
August.....	631, 098	36, 539	. 589	February.....	97, 497	7, 544	. 816
September.....	575, 512	32, 785	. 613	March.....	100, 588	7, 285	. 804
October.....	526, 839	30, 238	. 632	April.....	112, 374	8, 759	. 804
November.....	502, 288	30, 624	. 627	May.....	123, 102	9, 839	. 808
December.....	408, 823	23, 619	. 654	June.....	120, 902	10, 038	. 828
1935.....	<sup>2</sup> 357, 350	270, 624	. 680	July.....	118, 677	9, 510	. 831
January.....	329, 883	19, 747	. 678	August.....	116, 953	10, 100	. 856
February.....	287, 994	17, 548	. 679	September.....	139, 125	11, 884	. 844
March.....	302, 602	18, 589	. 679	October.....	153, 633	11, 893	. 836
April.....	369, 073	23, 223	. 677	November.....	193, 446	16, 021	. 855
May.....	428, 852	26, 007	. 665	December.....	215, 697	16, 681	. 856
June.....	454, 438	27, 438	. 663	1939.....	<sup>2</sup> 261, 301	258, 292	. 880
July.....	441, 094	26, 650	. 668	January.....	256, 152	17, 517	. 846
August.....	430, 409	27, 247	. 688	February.....	265, 817	18, 193	. 844
September.....	373, 915	24, 255	. 707	March.....	262, 312	18, 190	. 853
October.....	336, 080	23, 054	. 719	April.....	303, 071	23, 584	. 861
November.....	288, 924	20, 212	. 744	May.....	330, 495	26, 383	. 874
December.....	244, 435	16, 654	. 755	June.....	342, 202	28, 652	. 870
1936.....	<sup>2</sup> 313, 894	271, 336	. 768	July.....	273, 301	23, 077	. 876
January.....	221, 777	15, 110	. 745	August.....	263, 036	23, 819	. 887
February.....	201, 851	13, 776	. 754	September.....	247, 422	22, 986	. 899
March.....	247, 260	15, 828	. 756	October.....	220, 612	20, 827	. 910
April.....	310, 644	21, 671	. 746	November.....	204, 036	19, 152	. 920
May.....	364, 881	25, 611	. 746	December.....	166, 557	15, 912	. 934
June.....	399, 791	29, 057	. 754	1940 (6 months).....	<sup>2</sup> 104, 835	61, 622	. 979
July.....	388, 434	27, 970	. 765	January.....	132, 538	12, 328	. 964
August.....	381, 310	28, 039	. 769	February.....	109, 083	10, 814	. 986
September.....	359, 445	26, 771	. 784	March.....	97, 834	9, 314	. 983
October.....	327, 297	24, 907	. 792	April.....	99, 126	9, 918	. 990
November.....	301, 904	22, 854	. 800	May.....	97, 621	9, 043	. 993
December.....	262, 133	19, 738	. 800	June.....	91, 609	9, 305	. 962

<sup>1</sup> Maximum number employed during any 1 week of the month by each contractor and Government agency doing force-account work. Includes weekly average for public-road projects.

<sup>2</sup> Average of monthly maxima.

Source: Department of Labor, Bureau of Labor Statistics; figures published currently in a pamphlet "Employment and Pay Rolls."

**No. 396.—EMPLOYMENT AND PAY ROLLS ON PROJECTS FINANCED FROM EMERGENCY RELIEF APPROPRIATION ACTS FUNDS: JULY 1935 TO JUNE 1940**

NOTE.—Pay-roll disbursements in thousands of dollars. The figures cover those projects originally financed by the Works Program which was inaugurated by the President by the authority of the Emergency Relief Appropriation Act of 1935, continued by subsequent acts, and abandoned as such in July 1939. Included are those projects conducted under the supervision of the Work Projects Administration (prior to July 1939, the Works Progress Administration), those conducted by the Public Works Administration, those of the National Youth Administration (formerly under Works Progress Administration, now in Federal Works Agency), and other Federal agency projects financed from the Emergency Relief Appropriation Acts. The activities of the Civilian Conservation Corps financed from the Emergency Relief Appropriation Act of 1935 are not included in these figures. Unless otherwise stated, figures refer to calendar months

YEAR AND MONTH	PROJECTS OPERATED BY THE WORK PROJECTS ADMINISTRATION			NATIONAL YOUTH ADMINISTRATION WORK PROGRAMS														
	Number employed <sup>1</sup>	Pay-roll disbursements	Average earnings per hour	Out-of-school			Student											
				Number employed <sup>1</sup>	Pay-roll disbursements	Average earnings per hour	Number employed <sup>1</sup>	Pay-roll disbursements	Average earnings per hour									
1935 (July to Dec.).....	2 976, 238	238, 018	\$0.417	4 183, 949	8, 364	\$0.324	2 850, 359	1, 592, 943	484	2 150, 955	28, 884	\$0.381	4 327, 377	26, 343	\$0.304			
1936.....	2 1, 897, 805	1, 187, 804	.517	2 1, 699, 414	32, 663	.374	4 325, 052	24, 989	.291	2 2, 749, 770	1, 718, 728	.501	2 1, 955, 466	41, 558	.352	4 295, 946	19, 681	.386
1937.....	2 2, 318, 282	1, 508, 206	.478	2 234, 978	51, 538	.346	4 347, 419	22, 808	.285	2 2, 895, 126	1, 555, 991	.460	2 237, 468	4, 347	.504	4 378, 518	2, 275	.283
1938.....	2 2, 955, 020	1, 500, 367	.498	2 242, 454	4, 472	.342	4 383, 081	2, 468	.283	2 2, 915, 509	1, 571, 818	.490	2 234, 519	4, 451	.344	4 381, 920	2, 468	.283
1939.....	2 2, 620, 283	1, 461, 447	.501	2 228, 268	4, 318	.347	4 385, 759	2, 600	.283	2 2, 468, 065	1, 401, 796	.505	2 224, 889	4, 286	.348	4 373, 732	2, 605	.286
January.....	2 2, 438, 255	1, 353, 241	.507	2 213, 694	3, 993	.355	4 281, 116	1, 944	.268	2 2, 143, 659	1, 199, 637	.460	2 207, 357	2, 561	.....	.....	.....	.....
February.....	2 1, 834, 597	1, 080, 350	.434	2 211, 217	4, 145	.....	.....	.....	.....	2 1, 719, 870	89, 390	.439	2 225, 088	4, 222	.....	.....	.....	.....
March.....	2 1, 822, 663	98, 178	.443	2 237, 814	4, 437	.....	.....	.....	.....	2 1, 930, 586	101, 533	.443	2 201, 184	4, 804	.....	.....	.....	.....
April.....	2 2, 014, 355	1, 071, 658	.438	2 295, 787	5, 442	.....	.....	.....	.....	2 2, 069, 754	1, 077, 658	.438	2 295, 787	5, 442	.....	.....	.....	.....
May.....	2 2, 014, 355	1, 071, 658	.438	2 295, 787	5, 442	.....	.....	.....	.....	2 2, 014, 355	1, 071, 658	.438	2 295, 787	5, 442	.....	.....	.....	.....
June.....	2 2, 192, 283	1, 061, 189	.440	2 316, 224	35, 308	.....	.....	.....	.....	2 2, 192, 283	1, 061, 189	.440	2 316, 224	35, 308	.....	.....	.....	.....
July.....	2 2, 249, 012	1, 111, 475	.436	2 336, 223	6, 143	.....	.....	.....	.....	2 2, 249, 012	1, 111, 475	.436	2 336, 223	6, 143	.....	.....	.....	.....
August.....	2 2, 212, 239	1, 200, 085	.432	2 336, 282	6, 264	.....	.....	.....	.....	2 2, 212, 239	1, 200, 085	.432	2 336, 282	6, 264	.....	.....	.....	.....
September.....	2 2, 010, 598	1, 116, 145	.439	2 322, 275	5, 933	.....	.....	.....	.....	2 2, 010, 598	1, 116, 145	.439	2 322, 275	5, 933	.....	.....	.....	.....
October.....	2 1, 837, 854	1, 110, 141	.445	2 300, 105	5, 594	.....	.....	.....	.....	2 1, 837, 854	1, 110, 141	.445	2 300, 105	5, 594	.....	.....	.....	.....
November.....	2 1, 583, 242	98, 545	.451	2 274, 090	5, 553	.....	.....	.....	.....	2 1, 583, 242	98, 545	.451	2 274, 090	5, 553	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1940 (6 months).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
January.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

YEAR AND MONTH	PUBLIC WORKS ADMINISTRATION PROJECTS FINANCED FROM E. R. A. A., 1935, 1936, AND 1937 FUNDS <sup>2</sup>			OTHER FEDERAL AGENCY PROJECTS FINANCED FROM E. R. A. A., 1935, 1936, 1937, 1938, AND 1939 FUNDS <sup>3</sup>		
	Number employed <sup>1</sup>	Pay-roll disbursements	Average earnings per hour	Number employed <sup>1</sup>	Pay-roll disbursements	Average earnings per hour
1935 (July to Dec.).....	2 3, 954	1, 133	\$0.659	2 116, 107	34, 812	\$0.449
1936.....	2 180, 085	123, 398	.754	2 411, 178	241, 527	.461
1937.....	2 127, 147	118, 488	.913	2 242, 893	150, 488	.623
1938.....	2 80, 057	76, 201	.925	2 176, 986	101, 720	.494
1939.....	2 21, 989	24, 210	.854	2 124, 134	87, 969	.437
January.....	39, 545	3, 460	.877	128, 017	5, 094	.460
February.....	31, 237	2, 837	.893	126, 453	5, 929	.446
March.....	28, 027	2, 344	.893	124, 105	5, 432	.445
April.....	27, 068	2, 432	.895	143, 011	6, 895	.461
May.....	26, 162	2, 356	.898	105, 116	7, 949	.450
June.....	24, 271	2, 380	.865	163, 780	9, 021	.424
July.....	18, 398	1, 509	.875	176, 470	6, 088	.421
August.....	17, 773	1, 787	.825	77, 779	3, 592	.424
September.....	15, 213	1, 452	.802	83, 045	4, 016	.435
October.....	13, 347	1, 287	.787	80, 168	4, 220	.436
November.....	12, 439	1, 214	.790	87, 055	4, 425	.436
December.....	12, 093	1, 172	.785	98, 109	4, 745	.401
1940 (6 months).....	2 8, 121	4, 572	.782	2 93, 381	27, 691	.409
January.....	9, 456	5, 863	.770	96, 663	4, 411	.409
February.....	8, 383	800	.775	92, 468	4, 376	.412
March.....	7, 813	685	.714	94, 326	4, 354	.417
April.....	7, 875	739	.786	99, 454	4, 705	.409
May.....	7, 735	768	.773	101, 015	4, 787	.406
June.....	7, 450	717	.767	112, 328	5, 143	.405

<sup>1</sup> Number of persons on pay rolls for periods ending within calendar months.

<sup>2</sup> Average. <sup>3</sup> Based on first 6 months. Man hours not available after June.

<sup>4</sup> Computed as 10-month average. Numbers employed in July and August negligible.

<sup>5</sup> These figures are included in those appearing in table 395, covering projects under jurisdiction of the Public Works Administration.

<sup>6</sup> Data are for monthly periods ending on the 15th. <sup>7</sup> Note 1, table 394, applies to figures in this column.

Source: Department of Labor, Bureau of Labor Statistics; figures published currently in a pamphlet "Employment and Pay Rolls."

## No. 397.—PUBLIC EMPLOYMENT SERVICES—MAJOR ACTIVITIES: JULY 1933 TO JUNE 1940

NOTE.—The figures cover the operations of a Nation-wide system of State and Territorial employment services for which Federal funds are granted to the States and Territories on a matching basis under provisions of the Wagner-Peyser Act

YEAR AND MONTH	Active file (at end of month)	New applications	COMPLETE PLACEMENTS				Supplemental placements <sup>2</sup>
			Total	Private	Public works and governmental service <sup>1</sup>	C. W. A., W. P. A., and relief <sup>1</sup>	
1933 (July to Dec.)		8,063,802	8,161,856	376,189	482,379	2,304,288	
1934		5,493,175	5,618,392	1,483,638	2,014,454	2,120,240	
1935		6,357,966	4,457,623	1,107,755	1,432,413	1,917,355	
1936		4,261,621	5,091,122	1,509,919	2,214,462	1,366,741	
1937		3,635,090	3,640,934	2,352,665	1,218,599	69,670	
January	6,282,615	202,304	242,136	143,969	84,183	13,684	
February	6,115,443	202,260	250,241	157,738	82,440	10,063	
March	5,495,209	282,587	294,308	193,641	91,176	9,491	
April	5,819,754	288,049	348,915	219,456	122,576	6,883	
May	5,309,545	272,035	379,972	240,753	134,030	5,189	
June	5,016,023	337,917	374,038	224,629	143,373	6,036	
July	4,940,578	205,078	341,158	207,578	129,387	4,193	
August	4,853,345	283,562	357,937	227,901	126,820	3,126	
September	4,036,744	278,945	346,048	239,605	103,053	2,490	
October	4,393,092	201,187	303,293	210,226	90,392	2,075	
November	4,421,076	299,101	224,221	157,002	63,709	2,910	
December	4,874,631	462,035	178,667	129,477	46,560	2,630	
1938		8,041,442	2,701,178	1,865,409	771,820	43,949	
January	6,070,143	942,374	136,841	93,052	41,748	2,041	
February	6,763,393	740,643	131,846	91,460	38,704	1,682	
March	6,784,276	806,113	177,157	128,890	45,389	2,878	
April	7,258,574	667,466	217,576	153,943	58,375	5,263	
May	7,524,731	677,135	238,998	159,198	72,941	6,859	
June	7,831,065	808,495	240,314	163,743	76,767	6,504	
July	8,087,724	705,137	227,615	156,186	67,633	3,790	
August	8,119,187	622,699	271,124	189,842	76,960	3,322	
September	7,966,176	522,880	281,214	202,572	75,759	2,888	
October	7,742,721	564,831	201,597	207,834	80,109	3,654	158,873
November	7,528,676	602,040	250,779	177,841	70,549	2,389	68,214
December	7,215,973	477,029	280,117	160,848	67,886	1,383	26,782
1939		6,379,294	3,476,869	2,676,300	778,143	22,446	1,037,995
January	7,434,459	643,921	199,445	129,940	67,628	1,877	31,080
February	7,080,021	483,186	181,242	126,352	51,545	3,345	30,811
March	6,748,571	500,274	253,093	184,898	66,335	2,460	37,320
April	6,544,711	478,277	270,493	195,000	73,155	2,338	42,523
May	6,381,651	518,460	333,141	242,444	89,189	1,508	72,740
June	6,282,598	599,975	343,551	251,357	90,670	1,624	105,914
July	6,101,140	494,148	285,760	212,955	72,397	1,408	121,232
August	5,789,789	557,668	336,293	253,687	82,047	619	171,886
September	5,681,826	566,142	352,451	287,166	62,678	2,007	205,330
October	5,465,580	545,105	366,154	308,377	56,340	1,428	113,381
November	5,628,545	539,016	280,403	248,887	38,810	1,706	69,591
December	5,746,146	485,032	265,323	235,257	27,340	2,726	48,172
1940 (6 months total)		3,138,781	1,641,566	1,449,214	170,276	22,096	859,696
January	6,079,495	617,276	220,015	196,222	20,610	4,083	34,141
February	5,920,204	507,283	203,332	184,235	16,141	2,056	24,786
March	5,625,183	474,707	243,329	217,568	23,227	2,644	30,299
April	5,628,447	499,820	294,537	258,907	31,045	4,565	45,001
May	5,724,029	498,991	349,559	304,077	41,311	4,171	83,508
June	5,737,673	540,704	329,914	283,215	37,922	3,777	141,961

<sup>1</sup> W. P. A. placements at monthly prevailing wage rate included with "Public works and governmental service."

<sup>2</sup> Verified placements made without all the steps necessary for a complete placement. Data not reported prior to October 1938.

Source: Federal Security Agency, Social Security Board, Bureau of Employment Security; official records.

No. 398.—PUBLIC EMPLOYMENT SERVICES—MAJOR ACTIVITIES, BY STATES  
 AND TERRITORIES: 1938 AND 1939

Note.—See headnote, table 397

STATE OR TERRITORY	APPLICATIONS		ACTIVE FILE AS OF DEC. 31		PLACEMENTS	
	1938	1939	1938	1939	1938	1939
Total.....	14,597,798	15,094,851	7,215,973	5,746,146	2,701,178	2,476,899
Alabama.....	291,274	248,371	150,469	149,389	52,200	54,009
Alaska.....	5,787	9,849	1,626	2,706	3,618	4,908
Arizona.....	66,998	76,315	22,654	21,748	22,369	30,896
Arkansas.....	105,567	108,113	73,388	57,167	33,555	58,896
California.....	1,072,253	1,347,080	319,732	534,375	223,207	258,865
Colorado.....	141,289	195,201	46,851	64,511	45,419	54,087
Connecticut.....	253,660	213,812	110,543	81,230	35,015	53,762
Delaware.....	34,884	46,547	14,134	11,835	13,506	18,164
District of Columbia.....	119,285	112,561	65,022	34,170	27,969	40,644
Florida.....	179,842	169,120	108,943	80,907	15,470	137,503
Georgia.....	239,496	304,625	132,972	187,783	62,078	60,222
Hawaii.....	12,208	18,145	6,056	9,651	7,096	6,033
Idaho.....	90,262	72,622	22,608	15,722	25,318	32,331
Illinois.....	527,421	517,745	305,259	181,658	148,374	138,998
Indiana.....	473,657	451,040	221,127	195,908	57,819	87,989
Iowa.....	212,622	212,309	100,962	91,991	75,959	90,383
Kansas.....	123,423	169,752	66,524	37,109	30,628	33,874
Kentucky.....	162,296	235,014	98,034	76,853	24,730	33,256
Louisiana.....	255,471	254,435	120,210	106,424	41,803	64,036
Maine.....	142,197	113,091	51,298	33,987	18,686	24,487
Maryland.....	235,183	238,448	70,069	59,441	31,358	43,480
Massachusetts.....	359,728	356,265	324,368	180,168	24,063	40,905
Michigan.....	842,265	666,859	413,552	209,003	64,651	130,543
Minnesota.....	282,124	228,422	203,832	124,816	60,628	73,942
Mississippi.....	255,443	255,221	85,293	84,700	53,843	64,189
Missouri.....	281,543	435,325	187,691	158,546	42,341	80,674
Montana.....	63,537	54,211	33,180	28,020	24,667	21,279
Nebraska.....	100,316	110,799	42,216	47,804	35,604	38,827
Nevada.....	22,021	31,228	3,973	6,591	10,314	12,831
New Hampshire.....	97,403	80,068	35,052	21,706	17,508	25,229
New Jersey.....	329,080	593,089	234,126	276,246	41,910	106,463
New Mexico.....	60,317	60,317	37,226	35,397	36,609	26,688
New York.....	2,023,415	1,830,569	580,357	555,758	165,223	247,286
North Carolina.....	373,205	311,801	155,142	87,973	89,681	107,634
North Dakota.....	65,695	66,070	28,483	23,576	35,175	36,738
Ohio.....	645,206	845,856	448,436	250,954	98,695	148,314
Oklahoma.....	169,607	266,158	58,744	87,153	43,668	60,477
Oregon.....	170,847	161,035	85,827	42,071	44,756	70,167
Pennsylvania.....	1,171,939	1,270,220	1,027,812	413,439	112,175	124,310
Rhode Island.....	91,516	96,305	69,135	37,631	10,572	12,025
South Carolina.....	154,305	128,861	131,900	104,579	28,061	37,373
South Dakota.....	43,949	237,948	35,663	30,998	17,996	14,121
Tennessee.....	167,459	167,263	145,618	134,731	46,113	61,106
Texas.....	834,638	654,602	222,536	301,004	378,266	360,897
Utah.....	76,380	112,897	18,893	23,437	14,760	19,523
Vermont.....	44,881	36,914	16,657	15,640	10,446	14,033
Virginia.....	272,149	257,399	59,372	52,720	59,135	74,212
Washington.....	171,367	223,603	136,195	114,015	23,281	75,729
West Virginia.....	303,965	251,935	158,454	74,733	33,790	41,370
Wisconsin.....	446,751	341,529	137,509	168,713	67,230	85,736
Wyoming.....	38,485	42,847	9,305	9,013	12,792	12,325

<sup>1</sup> Florida State employment service not in complete operation during 1938 and January and February 1939; private placement activity largely suspended.

<sup>2</sup> South Dakota agency suspended operations July 28-Sept. 26, 1939.

Sources: Federal Security Agency, Social Security Board, Bureau of Employment Security; figures published currently in Social Security Bulletin.

No. 399.—PUBLIC EMPLOYMENT SERVICES—PRIVATE AND PUBLIC PLACEMENTS, BY MAJOR OCCUPATIONAL GROUPS, BY SEX, BY STATES AND TERRITORIES: 1939

NOTE.—See headnote, table 397

267708-41-26

STATE OR TERRITORY	Total <sup>1</sup>	ALL GROUPS		PROFESSIONAL AND KINDRED WORKERS		SALESPERSONS		CLERICAL WORKERS		SERVICE WORKERS		CRAFTSMEN		PRODUCTION WORKERS		PHYSICAL-LABOR WORKERS	
		Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
Grand total.....	3,476,889	2,222,297	1,250,221	28,061	10,493	76,238	128,714	48,821	91,818	284,655	763,902	296,731	25,995	373,441	149,132	1,114,350	80,187
Private, total.....	2,978,300	1,493,266	1,289,575	20,813	8,527	75,824	128,686	41,127	85,684	275,482	761,765	188,336	25,936	225,273	148,932	611,411	80,045
Alabama.....	38,555	25,352	13,201	135	34	505	1,345	356	541	2,184	4,914	3,067	629	3,681	2,657	15,404	3,081
Alaska.....	1,861	1,436	835	13	3	8	5	20	22	360	351	227	0	188	2,657	3	1
Arizona.....	26,028	17,212	8,783	178	91	430	387	142	323	2,600	6,070	877	8	1,009	84	11,976	1,820
Arkansas.....	41,340	27,017	14,320	66	32	646	845	219	525	2,556	8,138	1,064	74	1,127	404	21,339	4,302
California.....	221,619	122,197	99,411	5,096	3,106	6,002	9,593	4,191	10,194	22,208	58,804	14,299	817	12,907	12,827	57,494	4,070
Colorado.....	45,075	30,138	14,922	272	83	1,252	672	615	1,160	3,494	11,021	1,754	181	4,999	662	17,752	1,143
Connecticut.....	42,455	21,487	20,929	301	94	998	1,661	1,129	1,537	4,592	11,875	4,997	858	4,521	4,618	4,949	386
Delaware.....	14,149	5,621	8,462	446	10	165	380	85	191	744	4,759	1,143	49	489	538	2,549	2,635
District of Columbia.....	36,081	13,770	22,296	154	36	737	1,116	705	1,267	6,285	19,473	2,258	32	1,030	315	2,601	57
Florida <sup>2</sup> .....	21,975	12,403	9,389	323	49	529	410	458	793	1,867	3,729	1,269	66	2,321	4,044	5,686	298
Georgia.....	55,888	35,838	19,922	463	134	1,085	1,403	1,150	987	5,766	8,385	4,449	909	5,072	4,411	17,853	3,763
Hawaii.....	3,019	1,862	1,155	26	3	36	50	47	65	482	1,002	335	3	118	12	818	20
Idaho.....	24,115	16,269	7,811	88	76	419	385	119	204	1,407	6,047	915	160	2,604	202	10,719	737
Illinois.....	135,270	66,057	69,206	730	242	4,313	6,791	2,519	5,993	16,637	46,281	8,304	766	10,628	7,090	22,926	2,043
Indiana.....	83,683	37,253	46,416	731	247	3,732	6,471	1,379	4,323	8,358	30,096	5,849	470	5,134	2,477	12,070	2,332
Iowa.....	61,087	32,719	28,366	324	134	2,376	3,663	852	2,224	6,644	19,678	3,907	150	5,910	1,910	12,706	607
Kansas.....	24,459	13,754	10,704	107	43	1,008	1,012	402	561	3,374	8,522	1,420	24	2,024	407	5,419	135
Kentucky.....	20,301	9,986	10,303	81	77	706	1,649	497	941	2,399	6,369	1,311	101	2,032	486	2,960	680
Louisiana.....	51,873	29,184	22,688	237	67	1,103	1,877	665	1,262	4,927	15,445	3,445	203	2,682	2,854	16,125	980
Maine.....	16,467	8,424	8,003	51	21	379	585	225	300	1,132	4,174	2,656	707	1,308	989	2,673	1,227
Maryland.....	31,534	19,157	12,301	205	52	759	1,023	851	1,289	2,898	7,153	6,276	279	2,377	1,478	5,791	1,027
Massachusetts.....	28,741	12,540	16,039	191	57	1,213	1,857	610	1,165	2,375	8,690	3,806	942	2,245	2,781	2,100	547
Michigan.....	101,634	56,560	45,079	1,487	182	3,570	4,084	1,233	3,007	8,279	31,504	11,814	909	11,284	3,651	19,413	1,733
Minnesota.....	54,587	27,287	27,280	155	83	1,458	1,690	565	1,555	3,373	22,517	2,906	207	7,394	709	11,436	519
Mississippi.....	23,876	14,479	9,392	57	32	373	1,454	214	384	1,832	3,614	749	353	1,654	1,371	9,600	2,184
Missouri.....	66,985	37,079	29,823	423	238	2,386	2,584	2,061	3,057	6,566	15,947	5,204	1,448	3,245	3,230	17,194	3,324
Montana.....	9,767	7,063	2,699	35	6	201	146	89	101	509	2,403	844	17	1,846	18	5,539	8
Nebraska.....	16,909	9,120	7,489	89	37	740	609	247	757	2,284	5,726	727	39	1,108	185	3,225	136
Nevada.....	9,322	6,455	3,362	54	5	322	292	76	103	1,015	2,877	1,293	14	729	69	2,966	2
New Hampshire.....	18,617	13,092	5,510	22	11	300	356	103	207	1,080	3,604	1,564	503	6,134	722	3,889	107

For footnotes, see page 363.

PUBLIC EMPLOYMENT SERVICES

361



No. 399.—PUBLIC EMPLOYMENT SERVICES—PRIVATE AND PUBLIC PLACEMENTS, BY MAJOR OCCUPATIONAL GROUPS, BY SEX, BY STATES AND TERRITORIES: 1939—Continued

STATE OR TERRITORY	Total	ALL GROUPS		PROFESSIONAL AND KINDRED WORKERS		SALESPERSONS		CLERICAL WORKERS		SERVICE WORKERS		CRAFTSMEN		PRODUCTION WORKERS		PHYSICAL-LABOR WORKERS	
		Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
<b>Private—Continued.</b>																	
New Jersey.....	99,578	33,449	66,121	527	120	2,817	3,357	1,618	3,121	6,999	40,893	8,348	1,837	4,706	12,671	8,434	4,122
New Mexico.....	21,311	15,966	5,328	385	57	206	267	110	324	648	3,085	461	12	1,524	52	12,632	1,631
New York.....	202,124	86,218	115,143	1,773	1,115	4,575	10,108	4,794	16,509	21,561	65,346	15,306	3,258	12,583	14,858	26,226	3,949
North Carolina.....	63,431	31,010	32,323	323	89	1,800	2,112	714	1,323	10,032	19,019	4,248	1,475	3,992	6,997	9,901	1,708
North Dakota.....	31,290	22,285	9,004	46	12	362	306	277	363	1,292	7,494	430	5	6,172	775	13,706	49
Ohio.....	123,932	61,215	67,680	1,220	188	6,097	5,826	1,838	4,584	14,361	49,917	8,849	645	8,167	3,266	20,683	3,254
Oklahoma.....	46,199	25,912	20,234	120	55	913	946	718	781	4,782	13,985	1,164	75	2,241	1,265	15,974	3,127
Oregon.....	50,460	37,976	11,772	341	90	387	460	270	556	2,794	5,229	2,955	154	8,126	2,703	23,103	2,580
Pennsylvania.....	94,269	38,356	55,808	804	256	3,827	8,130	1,869	3,079	4,930	33,661	9,570	2,029	6,222	7,327	11,134	1,326
Rhode Island.....	9,047	3,440	5,599	49	27	214	369	286	554	679	2,511	1,073	736	565	1,223	571	179
South Carolina.....	15,900	9,896	6,004	34	4	251	421	209	198	2,339	3,618	1,218	368	1,375	912	4,470	483
South Dakota.....	8,718	4,585	4,132	24	17	326	419	59	205	1,022	3,058	401	6	1,003	388	1,750	39
Tennessee.....	46,577	22,912	23,663	188	93	1,045	1,722	799	958	5,460	14,393	2,200	995	2,099	2,276	11,121	3,226
Texas.....	295,875	180,290	115,585	858	322	9,233	29,081	3,167	3,521	54,529	58,817	13,569	1,483	34,679	18,802	64,255	3,609
Utah.....	15,004	8,457	6,539	399	25	246	760	119	272	358	2,245	500	23	1,231	2,448	5,604	766
Vermont.....	9,069	5,164	3,905	32	13	170	337	83	171	809	3,134	633	19	1,004	141	2,433	90
Virginia.....	44,332	21,918	22,315	165	36	733	1,411	332	554	4,134	10,686	4,300	910	4,724	7,239	7,500	1,479
Washington.....	66,627	44,284	22,340	487	569	1,632	2,931	721	792	3,092	7,881	2,419	327	8,693	3,197	27,240	6,643
West Virginia.....	29,591	13,547	15,061	187	37	1,141	1,822	383	801	1,620	12,263	3,073	200	1,728	599	5,415	139
Wisconsin.....	63,801	30,691	32,868	323	112	1,988	3,612	817	1,973	5,207	23,807	4,167	459	6,149	1,077	12,040	1,828
Wyoming.....	6,724	4,884	1,839	10	5	110	144	90	107	607	1,555	203	2	487	12	3,377	14
<b>Public, total.....</b>	<b>800,589</b>	<b>789,031</b>	<b>10,648</b>	<b>7,248</b>	<b>1,966</b>	<b>414</b>	<b>28</b>	<b>7,694</b>	<b>6,134</b>	<b>9,173</b>	<b>2,137</b>	<b>113,395</b>	<b>59</b>	<b>148,168</b>	<b>200</b>	<b>502,989</b>	<b>122</b>
Alabama.....	15,544	15,422	122	169	37	0	0	63	82	44	2	2,726	0	2,252	1	10,168	0
Alaska.....	3,047	2,978	65	14	0	0	1	15	9	23	54	116	0	124	1	2,686	0
Arizona.....	4,868	4,801	65	65	11	0	0	36	48	108	6	795	0	920	0	2,877	0
Arkansas.....	12,556	12,433	123	168	13	3	1	75	71	67	38	1,175	0	1,638	0	9,307	0
California.....	37,246	36,311	935	468	104	6	5	650	592	904	223	7,364	1	7,634	8	19,276	2
Colorado.....	9,012	8,685	326	199	225	1	0	244	86	79	11	431	0	2,430	2	5,301	2
Connecticut.....	11,307	11,235	72	156	17	10	0	323	42	203	13	1,232	0	2,529	0	6,782	0
Delaware.....	4,015	3,993	20	31	9	0	0	22	9	25	2	556	0	554	0	2,805	0
District of Columbia.....	4,563	4,441	122	38	10	1	0	141	101	140	5	579	0	673	6	2,860	0
Florida.....	15,528	15,335	74	125	6	5	0	184	54	133	12	2,013	1	1,921	1	10,954	0
Georgia.....	34,334	34,150	180	380	26	0	1	106	137	214	13	5,730	1	4,202	1	23,518	1
Hawaii.....	3,014	2,982	31	17	2	0	0	18	17	17	7	240	0	269	1	2,421	4

Idaho.....	8,216	8,130	85	46	1	2	30	44	138	33	962	0	2,704	3	4,249	1	
Illinois.....	3,698	3,383	315	130	119	320	1	385	155	93	40	237	0	240	0	1,978	0
Indiana.....	4,306	3,894	412	132	64	2	0	53	248	155	97	323	0	266	3	2,963	0
Iowa.....	29,296	28,246	958	261	184	0	1	379	481	412	249	3,240	1	6,656	42	17,298	0
Kansas.....	9,415	9,304	51	46	6	0	0	51	34	85	11	1,154	0	1,367	0	6,661	0
Kentucky.....	12,955	12,878	63	56	4	0	1	40	52	50	5	2,447	0	1,509	0	8,776	1
Louisiana.....	12,163	11,963	200	78	43	2	0	136	130	77	27	878	0	886	0	9,906	0
Maine.....	8,020	7,991	24	39	2	0	0	16	12	32	7	1,143	2	1,403	1	5,358	0
Maryland.....	11,946	11,924	19	43	2	0	0	23	15	90	1	2,962	0	1,660	1	7,141	0
Massachusetts.....	12,224	12,111	113	133	28	0	0	17	26	227	59	1,621	0	4,244	0	5,868	0
Michigan.....	28,909	28,662	244	260	27	0	0	218	176	290	39	5,346	0	6,749	2	15,779	0
Minnesota.....	19,355	19,104	242	113	17	1	0	124	146	108	77	2,360	0	5,350	2	11,048	0
Mississippi.....	40,314	40,204	52	67	3	5	0	129	42	107	6	1,898	0	6,321	0	31,677	1
Missouri.....	13,689	13,600	84	39	14	1	0	119	63	34	5	1,181	0	1,535	2	10,701	0
Montana.....	11,512	11,277	225	213	26	2	0	160	149	136	30	2,137	7	2,573	12	6,056	1
Nebraska.....	22,218	21,932	274	201	132	1	3	219	126	149	12	2,353	0	4,604	1	14,405	0
Nevada.....	3,009	2,963	38	13	4	0	0	31	22	52	11	375	0	620	1	1,872	0
New Hampshire.....	6,612	6,457	144	25	6	0	1	111	82	83	52	608	0	1,459	0	4,171	3
New Jersey.....	6,885	6,611	274	431	13	1	0	251	215	173	40	930	0	993	0	3,832	6
New Mexico.....	5,377	5,263	91	75	9	0	1	35	72	70	8	373	0	1,525	1	3,187	0
New York.....	45,162	44,442	669	566	155	4	0	638	349	791	141	12,284	0	11,340	21	18,819	3
North Carolina.....	44,203	43,830	357	232	138	7	0	116	164	267	43	8,115	0	5,018	11	30,075	1
North Dakota.....	5,448	5,309	139	54	45	0	0	31	80	42	14	558	0	2,350	0	2,274	0
Ohio.....	19,382	19,063	319	180	22	2	1	113	166	234	128	2,479	0	2,410	2	13,595	0
Oklahoma.....	14,308	14,217	91	50	16	1	0	47	49	63	24	1,602	1	2,136	1	10,318	0
Oregon.....	19,707	19,543	114	160	16	0	0	285	77	532	13	2,948	2	7,031	6	8,587	0
Pennsylvania.....	30,041	29,654	373	340	52	1	3	633	291	91	23	3,520	0	4,638	3	20,431	1
Rhode Island.....	2,978	2,824	154	13	3	0	0	76	108	25	6	372	36	379	1	1,959	0
South Carolina.....	21,473	21,362	111	118	32	11	0	76	65	317	13	2,994	0	3,801	1	14,045	0
South Dakota *.....	5,403	5,316	84	61	37	0	1	30	38	153	7	320	0	2,415	1	2,337	0
Tennessee.....	14,829	14,431	91	123	0	0	0	60	17	109	6	1,924	0	1,685	44	10,530	24
Texas.....	65,022	64,728	294	272	13	7	0	258	267	655	13	5,217	1	12,572	0	45,747	0
Utah.....	4,519	4,430	82	58	2	3	0	53	73	35	7	461	0	988	0	2,832	0
Vermont.....	4,964	4,951	12	46	4	0	0	17	7	5	1	724	0	1,096	0	3,063	0
Virginia.....	29,880	29,767	101	124	23	2	1	354	65	232	10	6,506	0	3,660	2	18,891	0
Washington.....	9,102	8,567	399	112	9	2	0	175	252	300	121	1,087	4	3,029	13	3,862	0
West Virginia.....	11,779	11,705	64	61	2	3	3	63	46	47	13	1,297	0	1,976	0	8,258	0
Wisconsin.....	21,935	20,617	1,097	419	232	4	1	244	451	628	338	4,639	2	2,429	2	12,254	71
Wyoming.....	5,601	5,547	52	15	0	1	0	12	31	79	21	863	0	1,405	0	3,172	0

- <sup>1</sup> Totals include 3,459 private placements and 912 public placements with occupation unspecified, not shown separately and not included elsewhere.  
<sup>2</sup> Florida State employment service was not in complete operation during January and February; private placement activity was largely suspended.  
<sup>3</sup> South Dakota agency suspended operations July 28 to Sept. 26.

Source: Federal Security Agency, Social Security Board, Bureau of Employment Security; Social Security Yearbook.

## No. 400.—PUBLIC EMPLOYMENT SERVICES—PLACEMENTS, BY MAJOR

Note.—See headline,

STATE OR TERRITORY	ALL GROUPS <sup>1</sup>			AGRICULTURE, FORESTRY, AND FISHING		MINING		BUILDING AND CONSTRUCTION	
	Total	Men	Women	Men	Women	Men	Women	Men	Women
1 Total.....	3,476,611	2,225,498	1,251,113	307,673	40,755	19,938	306	841,327	1,402
2 Alabama.....	54,099	40,776	13,323	5,369	2,067	690	2	17,514	8
3 Alaska.....	4,007	4,455	462	82	2	213	1	492	0
4 Arizona.....	30,879	22,025	8,851	9,282	1,861	672	6	5,366	0
5 Arkansas.....	53,896	39,451	14,445	18,531	4,055	131	10	12,732	14
6 California.....	258,864	158,514	100,350	35,247	4,118	1,139	33	43,380	117
7 Colorado.....	54,085	38,831	15,254	16,200	990	570	12	8,666	9
8 Connecticut.....	53,762	32,731	21,031	2,500	233	26	0	11,813	19
9 Delaware.....	18,161	9,682	8,479	122	63	1	0	4,635	10
10 District of Columbia.....	40,644	18,216	22,428	20	1	1	0	5,983	12
11 Florida.....	37,352	27,883	9,469	156	72	88	1	14,866	39
12 Georgia.....	90,222	70,005	20,217	5,450	1,731	176	0	41,171	36
13 Hawaii.....	6,033	4,847	1,186	84	0	51	0	1,742	2
14 Idaho.....	32,329	24,431	7,898	10,459	732	291	9	6,917	12
15 Illinois.....	138,068	69,443	69,525	5,079	60	135	14	4,383	69
16 Indiana.....	87,989	41,161	46,828	2,295	59	43	8	4,747	33
17 Iowa.....	90,883	61,020	29,363	6,983	457	157	4	28,275	39
18 Kansas.....	33,874	23,119	10,755	1,805	12	271	3	10,877	7
19 Kentucky.....	33,265	22,880	10,375	4,374	44	1,388	10	13,396	14
20 Louisiana.....	64,039	41,147	22,890	6,716	373	89	14	17,993	25
21 Maine.....	24,484	16,450	8,034	2,176	50	6	0	8,538	3
22 Maryland.....	43,480	31,143	12,337	931	34	92	1	16,959	20
23 Massachusetts.....	40,965	24,660	16,305	601	12	16	0	12,227	3
24 Michigan.....	130,543	85,228	45,315	8,285	182	312	11	33,160	63
25 Minnesota.....	73,940	48,414	27,526	11,679	342	47	0	20,038	54
26 Mississippi.....	64,189	54,714	9,475	6,832	2,025	100	5	40,543	10
27 Missouri.....	80,668	50,743	29,925	9,218	2,618	446	7	15,794	54
28 Montana.....	21,277	18,363	2,924	3,634	63	297	6	11,513	5
29 Nebraska.....	38,827	31,064	7,763	1,784	30	33	1	22,281	17
30 Nevada.....	12,831	9,429	3,402	1,000	146	1,801	28	2,802	7
31 New Hampshire.....	25,229	19,870	5,359	5,420	20	1	1	3,587	5
32 New Jersey.....	106,462	40,064	66,398	1,647	119	70	4	7,414	42
33 New Mexico.....	26,687	21,268	5,419	12,487	1,625	278	4	5,268	5
34 New York.....	247,277	131,241	116,036	6,222	332	76	15	36,066	248
35 North Carolina.....	107,626	74,867	32,759	1,794	1,119	77	0	47,675	31
36 North Dakota.....	36,738	27,694	9,144	16,381	54	65	6	5,751	10
37 Ohio.....	148,314	80,300	68,014	6,530	233	247	2	21,854	87
38 Oklahoma.....	60,477	40,145	20,332	13,154	3,068	127	13	15,087	7
39 Oregon.....	70,167	58,278	11,889	19,344	1,205	433	3	17,528	9
40 Pennsylvania.....	124,267	68,072	56,195	1,068	82	2,309	7	25,072	53
41 Rhode Island.....	12,026	6,265	5,760	47	2	0	2	2,586	10
42 South Carolina.....	87,373	31,268	6,115	714	367	29	0	21,223	6
43 South Dakota.....	14,120	9,904	4,216	874	0	74	3	4,271	2
44 Tennessee.....	61,106	37,351	23,755	7,104	3,060	151	0	16,192	12
45 Texas.....	360,896	245,017	115,879	4,206	56	2,025	31	83,923	65
46 Utah.....	19,523	12,891	6,632	3,184	771	52	10	4,007	5
47 Vermont.....	14,033	10,116	3,917	1,709	31	39	0	5,470	1
48 Virginia.....	74,212	51,787	22,425	485	33	107	0	31,648	25
49 Washington.....	75,729	52,963	22,766	26,174	6,023	95	2	8,436	22
50 West Virginia.....	41,370	25,629	15,741	503	5	4,270	14	12,432	18
51 Wisconsin.....	85,713	51,667	34,046	4,686	86	40	1	19,862	25
52 Wyoming.....	12,325	10,433	1,892	1,497	12	76	2	6,279	7

<sup>1</sup> Excludes 278 placements with industry unspecified.

Source: Federal Security Agency, Social Security Board, Bureau of Employment Security; official records.

INDUSTRIAL GROUPS, BY SEX, BY STATES AND TERRITORIES: 1939

table 397

MANUFACTURING		PROFESSIONAL, COMMERCIAL, AND MECHANICAL SERVICES		DISTRIBUTION		PERSONAL SERVICE, HOTELS, RESTAURANTS, AND AMUSEMENTS		GOVERNMENTAL SERVICE		TRANSPORTATION, COMMUNICATION, AND PUBLIC UTILITIES		WORK-RELIEF PROJECTS		
Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
322, 077	209, 175	108, 269	87, 965	170, 131	179, 800	309, 785	748, 371	42, 728	6, 461	56, 989	3, 137	46, 591	3, 041	1
11, 041	4, 154	741	412	1, 387	1, 581	2, 266	4, 944	100	37	809	34	859	84	2
120	3	69	13	137	13	665	353	138	12	127	2	2, 412	53	3
1, 144	118	699	304	729	729	2, 853	6, 015	127	19	677	34	489	45	4
1, 354	806	789	413	1, 304	882	3, 400	8, 121	208	66	370	27	632	51	5
23, 508	15, 637	8, 790	7, 330	11, 410	13, 626	25, 638	58, 060	4, 459	834	3, 803	533	1, 140	72	6
1, 990	1, 174	1, 449	790	2, 903	1, 233	4, 573	10, 685	1, 387	235	715	35	408	91	7
7, 842	6, 098	1, 039	943	2, 284	2, 241	4, 500	11, 395	1, 708	64	720	30	290	8	8
2, 045	3, 092	249	187	471	471	1, 283	4, 663	106	7	122	4	48	13	9
315	150	1, 435	1, 124	1, 865	1, 513	7, 520	19, 473	585	122	485	33	1	0	10
2, 792	2, 527	671	397	5, 142	2, 536	2, 183	3, 792	562	36	484	41	939	28	11
8, 469	5, 947	1, 473	508	4, 321	3, 232	6, 100	8, 532	332	148	2, 037	58	476	25	12
258	24	114	47	144	97	589	982	220	12	35	3	1, 583	19	13
640	333	631	246	1, 006	620	1, 889	5, 805	2, 146	76	398	13	54	2	14
21, 381	9, 991	6, 880	3, 931	9, 949	10, 942	16, 912	44, 944	1, 173	101	2, 659	159	342	214	15
11, 043	6, 191	3, 395	2, 534	8, 323	10, 413	20, 020	616	390	1, 426	198	194	194	22	16
5, 787	2, 772	2, 510	1, 341	5, 264	4, 586	7, 959	19, 062	816	355	1, 511	106	1, 758	631	17
1, 411	640	1, 542	431	1, 874	1, 079	4, 342	8, 486	152	44	783	48	62	5	18
1, 760	1, 308	647	361	1, 697	2, 206	2, 729	6, 349	44	27	238	23	344	33	19
4, 993	3, 558	1, 501	860	2, 331	2, 413	5, 084	15, 575	278	77	3, 648	48	514	120	20
2, 598	2, 881	406	230	923	755	1, 402	4, 083	41	15	312	9	50	8	21
4, 638	2, 773	1, 281	590	2, 094	1, 890	3, 448	6, 953	281	13	636	52	732	5	22
5, 012	4, 537	947	731	2, 149	2, 086	2, 372	8, 805	592	83	334	19	330	29	23
16, 033	6, 890	5, 033	1, 740	6, 174	5, 832	10, 208	30, 178	475	144	1, 703	171	845	98	24
2, 073	1, 509	1, 972	1, 205	2, 950	2, 649	5, 036	21, 358	968	182	809	72	242	35	25
3, 220	1, 908	622	202	745	1, 473	1, 925	3, 695	238	36	338	20	151	39	26
5, 974	5, 412	5, 244	1, 762	4, 451	3, 881	8, 107	15, 984	290	56	1, 031	131	188	20	27
283	55	170	125	395	156	543	2, 277	373	92	281	14	864	131	28
706	351	1, 123	552	1, 492	883	2, 416	5, 664	675	217	409	15	146	43	29
267	34	296	123	509	383	1, 421	2, 039	660	16	555	9	62	17	30
4, 550	1, 382	2, 505	167	923	436	1, 283	3, 496	2, 431	80	261	7	900	65	31
14, 316	19, 007	2, 204	1, 339	4, 903	5, 144	7, 219	40, 412	649	86	775	62	561	184	32
11, 525	34	215	173	481	314	975	3, 149	534	09	130	23	376	23	33
21, 385	23, 399	7, 725	11, 990	12, 991	15, 661	20, 590	63, 535	1, 585	406	0, 878	310	14, 716	173	34
6, 303	5, 154	1, 308	906	3, 968	6, 208	11, 388	18, 918	469	103	557	67	1, 268	263	35
727	317	898	323	1, 156	437	1, 709	7, 346	168	130	739	15	33	6	36
17, 047	3, 392	5, 055	3, 011	9, 327	7, 326	10, 403	48, 515	553	229	1, 992	130	692	89	37
1, 824	1, 348	1, 212	695	2, 216	1, 034	5, 724	14, 090	116	68	410	30	475	19	38
8, 683	3, 258	1, 258	616	1, 469	1, 565	2, 887	5, 091	4, 702	63	1, 658	35	316	44	39
14, 498	11, 029	3, 446	1, 872	5, 814	9, 892	5, 893	32, 520	1, 149	244	1, 316	103	6, 947	123	40
1, 598	2, 334	186	200	518	546	637	2, 500	71	28	134	12	488	126	41
2, 885	919	402	142	2, 015	974	3, 034	3, 901	180	29	100	9	973	78	42
650	453	373	238	695	409	1, 259	2, 969	1, 405	73	227	0	70	9	43
2, 808	3, 479	1, 441	653	2, 573	2, 103	6, 236	14, 306	225	80	520	49	245	8	44
42, 860	21, 500	24, 011	2, 800	23, 292	30, 854	57, 099	60, 142	1, 287	225	5, 789	103	525	42	45
3, 106	2, 443	228	177	565	950	584	2, 184	622	53	337	11	206	28	46
652	255	196	92	386	416	1, 088	3, 106	419	3	121	5	36	9	47
7, 572	4, 678	960	340	4, 490	6, 665	4, 537	10, 569	1, 154	48	650	31	138	44	48
6, 381	2, 627	1, 510	1, 015	4, 902	4, 902	4, 232	7, 736	2, 332	152	554	20	624	253	49
1, 728	1, 065	1, 231	405	1, 365	1, 898	2, 334	12, 170	616	31	319	47	256	21	50
9, 608	4, 089	1, 394	485	4, 444	4, 502	5, 970	22, 612	2, 006	708	2, 396	49	1, 303	394	51
189	19	204	81	323	185	819	1, 520	258	43	635	9	148	4	52

[Data in this section relate to continental United States, Alaska, and Hawaii, except as noted]

## GENERAL NOTE

**Old-age and Survivors Insurance.**—Federal old-age and survivors insurance, administered by the Social Security Board under the Social Security Act as amended in August 1939, covers employment in industry and commerce. Specified employments are excepted, notably agricultural labor, domestic service, services for government and for certain types of nonprofit organizations, and self-employment. In January 1940, monthly benefits became payable to qualified workers at age 65 and also to certain dependents of beneficiaries and certain survivors of insured workers. Benefits are based on the legally defined average wage of the insured and are paid from the Federal Old-Age and Survivors Insurance Trust Fund, to which is appropriated annually an amount equal to the total taxes paid by employers and employees under the Federal Insurance Contributions Act. (A separate system, administered by the Railroad Retirement Board, covers employees of railroads and certain of their subsidiaries and affiliates. See pp. 384 to 388.)

Figures for 1937 published in the 1939 edition of the Statistical Abstract are not comparable with 1938 figures given in tables 401 to 404.

**Unemployment Compensation.**—The Federal-State unemployment compensation program provides for payments to persons who are able and willing to work but are unable to find jobs. The contributions collected under State laws are designed to provide a fund to be used solely for this purpose. Employers, and in some States employees also, contribute definite proportions of pay rolls and wages to a special fund, from which qualified unemployed workers may draw benefits, limited as a rule by the amount of their prior employment and the wage rate. Under the Social Security Act the Social Security Board has two statutory responsibilities in the administration of the unemployment-compensation program. It certifies each year to the Secretary of the Treasury, for normal and additional tax-credit purposes, the State laws which conform to the standards prescribed; it also certifies grants to defray necessary costs of administering the State program for those States which, in law and administration, conform to the standards prescribed in title III of the act. Funds are certified in the amounts determined by the Board to be necessary for the proper administration of State laws, including administration of employment services in connection with payment of benefits. Funds for State employment services are also allocated by the Board under the provisions of the Wagner-Peysor Act.

**Public Assistance.**—Under the Social Security Act, the Federal Government shares with the States the costs of assistance given to needy persons and families. The assistance in which the Federal and State governments are thus collaborating is of three types: (1) Aid to needy persons aged 65 and over, (2) aid to the needy blind, and (3) aid to dependent children under the age of 16 who have been deprived of parental support, or under the age of 18 if regularly attending school. To receive a Federal grant under any one of these programs, a State must submit a plan which can be approved by the Social Security Board as meeting the basic requirements of the act, and, after approval of its plan, must supply with its requests for Federal funds the data required by the Board.

Public assistance under the Social Security Act obviously is related to other forms of public aid maintained by Federal, State, and local governments. The Social Security Board has therefore undertaken, at the request of other governmental agencies and with their cooperation, to report on all public aid to persons in need.

### NO. 401.—OLD-AGE INSURANCE—NUMBER OF EMPLOYEES, BY AGE AND BY SEX, BY INTERVAL OF EARNINGS, FOR THE UNITED STATES: 1938

NOTE.—Age at birthday nearest July 1, 1938. Of the 65 years or older group, nearly 80 percent became 65 during 1938 and consequently earned some taxable wages in that year before passing the age limit imposed. Figures corrected to Aug. 15, 1940. See headnote, table 402, and general note above

INTERVAL OF EARNINGS PER ANNUM	ALL AGES <sup>1</sup>			UNDER 16 YEARS			16 TO 19 YEARS		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total.....	31,000,389	22,302,478	8,697,911	43,239	38,276	4,963	2,461,241	1,466,587	994,654
\$1 to \$100.....	7,705,324	4,811,660	2,893,664	42,004	37,211	4,793	1,581,410	933,878	647,532
\$200 to \$399.....	3,629,125	2,205,219	1,423,906	844	706	48	423,767	258,436	165,321
\$400 to \$599.....	3,178,724	1,949,432	1,229,292	201	148	53	231,913	134,283	97,630
\$600 to \$799.....	3,141,596	1,947,069	1,194,527	65	41	24	139,663	81,743	57,820
\$800 to \$999.....	2,790,332	1,924,936	865,396	28	15	13	60,489	38,721	21,768
\$1,000 to \$1,199.....	2,322,793	1,837,635	485,158	12	8	4	17,203	13,409	3,854
\$1,200 to \$1,399.....	1,963,109	1,600,639	296,470	11	9	2	4,522	4,057	465
\$1,400 to \$1,599.....	1,519,224	1,352,286	166,938	10	8	2	1,532	1,422	110
\$1,600 to \$1,799.....	1,087,722	1,005,597	82,125	1	1	—	430	365	65
\$1,800 to \$1,999.....	914,281	857,746	56,535	5	5	—	123	93	30
\$2,000 to \$2,199.....	636,872	606,686	30,186	11	7	4	63	45	18
\$2,200 to \$2,399.....	434,059	417,704	16,355	3	3	—	48	36	12
\$2,400 to \$2,599.....	325,719	314,263	11,456	2	2	—	38	28	10
\$2,600 to \$2,799.....	259,036	250,583	8,453	3	1	2	24	20	4
\$2,800 to \$2,999.....	190,692	185,439	5,253	3	—	3	17	16	1
\$3,000 and over.....	961,731	879,584	22,197	36	21	15	49	35	14

For note 1, see p. 308.

No. 401.—OLD-AGE INSURANCE—NUMBER OF EMPLOYEES, BY AGE AND BY SEX, BY INTERVAL OF EARNINGS, FOR THE UNITED STATES: 1938—Con.

INTERVAL OF EARNINGS PER ANNUM	20 TO 24 YEARS			25 TO 29 YEARS		
	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	<b>5,792,160</b>	<b>3,594,947</b>	<b>2,197,213</b>	<b>5,169,752</b>	<b>3,557,993</b>	<b>1,611,759</b>
\$1 to \$199.....	1,827,679	1,084,246	743,427	1,133,154	680,306	452,848
\$200 to \$399.....	936,619	554,561	382,058	119,381	377,092	241,889
\$400 to \$599.....	811,012	454,884	356,128	572,460	343,286	229,174
\$600 to \$799.....	794,139	442,351	351,788	594,053	356,711	237,342
\$800 to \$999.....	635,574	395,909	238,665	555,437	366,408	199,029
\$1,000 to \$1,199.....	380,820	200,398	90,431	498,910	372,096	126,815
\$1,200 to \$1,399.....	205,510	180,375	25,135	405,889	333,068	72,831
\$1,400 to \$1,599.....	102,506	96,267	6,239	283,730	252,145	31,585
\$1,600 to \$1,799.....	48,557	46,668	1,889	176,925	106,237	10,688
\$1,800 to \$1,999.....	24,961	24,450	511	125,855	120,677	5,178
\$2,000 to \$2,199.....	11,763	11,479	284	72,244	70,035	2,209
\$2,200 to \$2,399.....	5,275	5,221	55	40,794	40,102	692
\$2,400 to \$2,599.....	2,434	2,334	100	25,968	25,223	745
\$2,600 to \$2,799.....	1,677	1,486	191	17,229	16,896	333
\$2,800 to \$2,999.....	965	952	13	10,062	9,842	220
\$3,000 and over.....	2,665	2,366	299	27,661	26,980	681

INTERVAL OF EARNINGS PER ANNUM	30 TO 34 YEARS			35 TO 39 YEARS		
	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	<b>4,849,805</b>	<b>3,166,739</b>	<b>1,183,066</b>	<b>3,514,405</b>	<b>2,640,408</b>	<b>873,997</b>
\$1 to \$199.....	786,795	475,572	311,223	611,257	378,780	232,527
\$200 to \$399.....	431,483	266,255	165,228	324,056	203,526	121,130
\$400 to \$599.....	408,290	249,417	158,873	307,430	187,777	119,653
\$600 to \$799.....	423,613	260,169	163,444	316,857	198,314	118,543
\$800 to \$999.....	408,214	275,671	132,643	298,185	206,094	91,191
\$1,000 to \$1,199.....	383,553	289,579	93,974	279,048	217,677	61,371
\$1,200 to \$1,399.....	359,590	283,081	76,509	271,728	223,359	48,369
\$1,400 to \$1,599.....	297,995	254,737	42,058	233,593	201,215	32,378
\$1,600 to \$1,799.....	219,832	200,211	19,621	183,122	165,640	17,482
\$1,800 to \$1,999.....	185,010	174,042	10,968	165,067	153,052	12,015
\$2,000 to \$2,199.....	125,313	120,000	5,313	122,291	115,585	6,706
\$2,200 to \$2,399.....	84,169	81,637	2,532	85,343	81,002	4,341
\$2,400 to \$2,599.....	59,735	58,185	1,550	65,033	62,788	2,245
\$2,600 to \$2,799.....	44,840	43,403	937	52,469	50,854	1,615
\$2,800 to \$2,999.....	31,211	30,593	618	39,387	38,395	992
\$3,000 and over.....	100,962	98,717	2,245	168,339	154,600	3,739

INTERVAL OF EARNINGS PER ANNUM	40 TO 44 YEARS			45 TO 49 YEARS		
	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	<b>3,008,897</b>	<b>2,326,105</b>	<b>682,792</b>	<b>2,448,014</b>	<b>1,958,530</b>	<b>489,484</b>
\$1 to \$199.....	502,248	323,300	178,948	405,406	277,117	128,280
\$200 to \$399.....	267,615	172,285	95,330	214,594	145,488	69,106
\$400 to \$599.....	259,546	161,270	98,276	207,468	135,133	72,335
\$600 to \$799.....	266,710	168,456	98,254	215,911	144,558	71,353
\$800 to \$999.....	249,819	179,405	70,414	204,398	155,029	49,369
\$1,000 to \$1,199.....	231,764	188,366	43,398	193,218	163,427	29,791
\$1,200 to \$1,399.....	222,100	189,686	32,414	184,953	163,411	21,542
\$1,400 to \$1,599.....	195,060	172,965	22,095	157,363	142,487	14,876
\$1,600 to \$1,799.....	154,694	141,195	13,499	121,999	112,881	9,088
\$1,800 to \$1,999.....	140,518	129,975	10,543	112,967	105,086	7,881
\$2,000 to \$2,199.....	107,143	101,238	5,905	83,007	78,489	4,518
\$2,200 to \$2,399.....	77,428	73,830	3,598	60,084	57,324	2,760
\$2,400 to \$2,599.....	59,821	57,503	2,318	47,983	46,115	1,868
\$2,600 to \$2,799.....	49,866	48,191	1,675	39,889	38,198	1,691
\$2,800 to \$2,999.....	37,889	36,789	1,100	30,364	29,464	900
\$3,000 and over.....	186,076	181,651	4,425	168,440	164,323	4,117

No. 401.—OLD-AGE INSURANCE—NUMBER OF EMPLOYEES, BY AGE AND BY SEX, BY INTERVAL OF EARNINGS, FOR THE UNITED STATES: 1938—Con.

INTERVAL OF EARNINGS PER ANNUM	50 TO 54 YEARS			55 TO 59 YEARS		
	Total	Male	Female	Total	Male	Female
Total.....	1, 012, 113	1, 587, 987	324, 126	1, 281, 058	1, 038, 676	192, 982
\$1 to \$100.....	327, 266	239, 722	87, 544	223, 791	175, 766	54, 025
\$200 to \$399.....	172, 942	127, 479	45, 463	123, 146	95, 370	27, 767
\$400 to \$599.....	166, 031	118, 188	48, 703	115, 350	86, 904	28, 446
\$600 to \$799.....	174, 172	126, 119	48, 053	122, 476	93, 002	29, 474
\$800 to \$999.....	168, 624	136, 252	32, 372	114, 228	95, 706	18, 522
\$1,000 to \$1,199.....	156, 350	137, 760	18, 590	106, 060	95, 441	10, 619
\$1,200 to \$1,399.....	146, 661	133, 271	13, 390	97, 389	89, 929	7, 460
\$1,400 to \$1,599.....	119, 751	110, 942	8, 809	77, 503	72, 756	4, 747
\$1,600 to \$1,799.....	90, 992	85, 690	5, 402	56, 294	53, 419	2, 875
\$1,800 to \$1,999.....	79, 061	74, 221	4, 840	50, 123	47, 505	2, 618
\$2,000 to \$2,199.....	59, 060	56, 119	2, 941	35, 139	33, 649	1, 490
\$2,200 to \$2,399.....	41, 636	39, 052	1, 684	24, 783	23, 086	1, 697
\$2,400 to \$2,599.....	33, 208	31, 821	1, 387	19, 661	18, 839	722
\$2,600 to \$2,799.....	28, 177	27, 194	983	16, 284	15, 633	651
\$2,800 to \$2,999.....	20, 672	20, 000	672	12, 743	12, 311	432
\$3,000 and over.....	126, 610	123, 407	3, 203	80, 788	78, 751	2, 037

INTERVAL OF EARNINGS PER ANNUM	60 TO 64 YEARS			65 YEARS		
	Total	Male	Female	Total	Male	Female
Total.....	788, 460	683, 087	105, 373	99, 774	87, 909	11, 865
\$1 to \$100.....	146, 802	116, 603	30, 199	28, 700	24, 237	4, 553
\$200 to \$399.....	78, 861	63, 474	15, 387	17, 014	14, 673	2, 341
\$400 to \$599.....	75, 148	58, 879	16, 269	12, 912	11, 022	1, 890
\$600 to \$799.....	77, 137	61, 368	15, 769	10, 403	9, 057	1, 346
\$800 to \$999.....	73, 237	63, 052	10, 185	7, 643	7, 039	604
\$1,000 to \$1,199.....	66, 097	61, 400	5, 697	5, 924	5, 494	430
\$1,200 to \$1,399.....	53, 615	55, 033	3, 582	4, 092	3, 895	197
\$1,400 to \$1,599.....	45, 582	43, 268	2, 314	2, 945	2, 803	142
\$1,600 to \$1,799.....	32, 005	30, 624	1, 381	2, 222	2, 151	71
\$1,800 to \$1,999.....	27, 980	26, 728	1, 252	1, 513	1, 457	56
\$2,000 to \$2,199.....	19, 465	18, 751	714	1, 113	1, 063	50
\$2,200 to \$2,399.....	13, 391	12, 962	429	846	817	29
\$2,400 to \$2,599.....	11, 052	10, 590	462	722	697	25
\$2,600 to \$2,799.....	8, 524	8, 184	340	493	471	22
\$2,800 to \$2,999.....	6, 847	6, 696	151	436	425	11
\$3,000 and over.....	48, 817	45, 575	1, 242	2, 706	2, 608	98

INTERVAL OF EARNINGS PER ANNUM	66 YEARS AND OVER			UNKNOWN		
	Total	Male	Female	Total	Male	Female
Total.....	57, 872	50, 384	7, 488	72, 999	54, 850	18, 149
\$1 to \$100.....	32, 754	28, 510	4, 244	49, 974	36, 462	13, 512
\$200 to \$399.....	8, 629	7, 481	1, 148	9, 584	7, 394	2, 190
\$400 to \$599.....	5, 024	4, 282	742	5, 030	4, 009	1, 030
\$600 to \$799.....	3, 476	2, 911	565	3, 021	2, 269	752
\$800 to \$999.....	2, 526	2, 216	310	1, 950	1, 619	331
\$1,000 to \$1,199.....	1, 892	1, 727	165	973	854	119
\$1,200 to \$1,399.....	1, 327	1, 227	100	722	648	74
\$1,400 to \$1,599.....	678	618	60	676	653	23
\$1,600 to \$1,799.....	402	358	44	277	257	20
\$1,800 to \$1,999.....	341	317	24	157	138	19
\$2,000 to \$2,199.....	165	147	18	95	79	16
\$2,200 to \$2,399.....	139	128	11	119	104	15
\$2,400 to \$2,599.....	122	107	15	40	31	9
\$2,600 to \$2,799.....	30	30	6	25	22	3
\$2,800 to \$2,999.....	18	16	2	78	70	8
\$3,000 and over.....	343	309	34	289	241	48

<sup>1</sup> Excludes 142,433 employees holding Railroad Retirement account numbers and their taxable wages of \$38,962,000; also excludes 52,297 employees whose race or sex is unknown and their taxable wages of \$24,967,000.

Source: Federal Security Agency, Social Security Board, Bureau of Old-Age and Survivors Insurance; Social Security Yearbook.

No. 402.—OLD-AGE INSURANCE—NUMBER OF EMPLOYEES AND AMOUNT OF TAXABLE WAGES, BY SEX, BY STATES AND TERRITORIES: 1938

Note.—Wages in thousands of dollars. Figures in this table and in tables 401 and 403 are partly estimated, and, plus the exclusions referred to in note 2 below, represent 100 percent of all employees with taxable wages in 1938 and their taxable wages. Taxable wages are defined as excluding wages of employees 65 years and over, wages earned in excess of \$3,000 in the service of any one employer within a year, and wages earned outside the industries covered by the Social Security Act. Figures corrected to Aug. 15, 1940. See also general note, p. 366

STATE AND TERRITORY <sup>1</sup>	TOTAL <sup>2</sup>		MALE		FEMALE	
	Employees	Wages	Employees	Wages	Employees	Wages
Total.....	31, 000, 389	26, 173, 920	22, 302, 478	21, 695, 511	8, 697, 911	4, 478, 409
Alabama.....	394, 304	225, 392	312, 198	196, 334	82, 166	29, 058
Alaska.....	19, 072	17, 761	10, 552	16, 717	2, 520	1, 044
Arizona.....	94, 563	68, 641	76, 820	61, 475	17, 743	7, 165
Arkansas.....	194, 543	95, 747	155, 910	84, 805	38, 693	10, 942
California.....	1, 044, 038	1, 808, 427	1, 394, 870	1, 602, 045	540, 168	306, 382
Colorado.....	233, 818	173, 588	172, 573	140, 228	61, 245	27, 360
Connecticut.....	560, 273	525, 311	387, 421	425, 418	172, 852	99, 893
Delaware.....	74, 306	61, 627	52, 279	50, 018	22, 027	10, 709
District of Columbia.....	203, 944	179, 823	140, 308	142, 390	63, 636	37, 433
Florida.....	435, 393	223, 605	321, 370	187, 243	114, 023	36, 423
Georgia.....	542, 162	282, 698	370, 347	224, 642	171, 815	58, 055
Hawaii.....	111, 000	63, 251	87, 817	55, 757	23, 243	7, 495
Idaho.....	92, 915	67, 657	72, 652	51, 400	20, 263	6, 257
Illinois.....	2, 322, 026	2, 267, 954	1, 628, 496	1, 850, 327	693, 530	408, 627
Indiana.....	798, 324	662, 630	591, 463	568, 000	206, 861	94, 631
Iowa.....	408, 074	287, 801	294, 137	240, 995	113, 937	46, 866
Kansas.....	279, 438	193, 724	213, 452	169, 331	65, 986	24, 393
Kentucky.....	391, 820	251, 995	304, 105	217, 293	87, 715	34, 732
Louisiana.....	415, 326	268, 653	331, 197	230, 600	84, 129	32, 053
Maine.....	226, 553	142, 622	157, 393	116, 691	60, 160	25, 931
Maryland.....	473, 175	373, 115	337, 967	313, 052	135, 208	60, 063
Massachusetts.....	1, 328, 583	1, 196, 876	884, 189	939, 437	454, 394	257, 430
Michigan.....	1, 492, 740	1, 355, 717	1, 146, 845	1, 180, 616	345, 895	175, 101
Minnesota.....	506, 514	422, 960	353, 913	345, 619	152, 601	77, 341
Mississippi.....	210, 638	88, 664	163, 363	74, 039	47, 275	13, 725
Missouri.....	805, 028	660, 349	543, 658	527, 757	261, 370	132, 692
Montana.....	96, 827	75, 907	77, 777	68, 077	19, 050	7, 820
Nebraska.....	198, 033	132, 350	141, 046	108, 852	56, 987	23, 498
Nevada.....	29, 551	25, 309	24, 460	22, 820	5, 091	2, 489
New Hampshire.....	144, 915	100, 033	98, 140	70, 392	40, 776	20, 641
New Jersey.....	1, 196, 239	1, 166, 900	826, 524	957, 359	369, 715	209, 002
New Mexico.....	67, 206	43, 477	55, 235	39, 773	11, 921	3, 704
New York.....	4, 283, 899	4, 404, 708	2, 884, 737	3, 450, 824	1, 399, 162	944, 884
North Carolina.....	655, 764	361, 750	435, 108	280, 918	220, 650	80, 833
North Dakota.....	60, 810	38, 429	44, 184	32, 470	16, 620	5, 953
Ohio.....	1, 843, 178	1, 703, 178	1, 369, 279	1, 452, 189	473, 899	250, 989
Oklahoma.....	324, 664	240, 116	252, 296	211, 268	72, 363	28, 848
Oregon.....	267, 020	217, 534	198, 770	180, 583	68, 259	30, 951
Pennsylvania.....	2, 697, 594	2, 426, 075	1, 968, 698	2, 055, 200	728, 896	371, 775
Rhode Island.....	243, 267	199, 993	158, 789	153, 465	30, 478	46, 528
South Carolina.....	317, 974	153, 589	227, 441	124, 077	90, 533	29, 612
South Dakota.....	68, 268	43, 632	50, 370	37, 240	17, 898	6, 392
Tennessee.....	483, 437	282, 479	347, 427	233, 599	136, 010	48, 880
Texas.....	1, 210, 697	814, 479	943, 384	117, 831	273, 313	96, 648
Utah.....	108, 369	80, 459	80, 057	70, 444	28, 312	10, 016
Vermont.....	76, 126	51, 918	56, 300	44, 304	10, 766	7, 014
Virginia.....	493, 024	320, 308	362, 445	268, 419	135, 579	51, 880
Washington.....	430, 202	369, 136	318, 454	315, 037	111, 748	54, 099
West Virginia.....	396, 633	327, 411	330, 557	290, 955	59, 976	27, 457
Wisconsin.....	670, 864	597, 487	491, 823	505, 310	179, 041	92, 177
Wyoming.....	51, 283	39, 593	41, 772	36, 102	9, 516	3, 491

<sup>1</sup> State of employment was indicated only for employees for whom taxable wages were reported for the fourth quarter of 1938, their wages for the entire year being allocated to that State; State of registration was utilized for the remaining employees in estimating the distribution by State of employment. Of the latter class, there were 4,846,765 males with taxable wages of \$2,531,488,000, and 2,053,531 females with taxable wages of \$467,619,000.

<sup>2</sup> See note 1, table 401, p. 368.

Source: Federal Security Agency, Social Security Board, Bureau of Old-Age and Survivors Insurance; Social Security Yearbook.



No. 403.—OLD-AGE INSURANCE—NUMBER OF EMPLOYEES AND AMOUNT OF TAXABLE WAGES, BY RACE AND BY SEX, FOR SELECTED STATES AND TERRITORIES: 1938

NOTE.—Wages in thousands of dollars. States shown are those with largest proportions of Negro or other races among employees with taxable wages in 1937. Figures exclude employees holding Railroad Retirement account numbers and those whose sex or race was unknown. Figures corrected to Aug. 15, 1940. See also headnote, table 402, and general note, p. 366

STATE AND TERRITORY <sup>1</sup>	TOTAL		WHITE		NEGRO		OTHER	
	Em- ployees	Wages	Em- ployees	Wages	Em- ployees	Wages	Em- ployees	Wages
Alabama.....	304,304	225,392	275,824	182,807	118,407	42,540	73	36
Arkansas.....	194,543	95,747	149,703	83,541	44,688	12,160	92	47
Delaware.....	74,306	61,627	66,807	58,796	7,464	2,819	35	12
District of Columbia.....	203,944	179,823	158,306	155,377	45,350	24,247	289	199
Florida.....	435,393	223,665	322,734	194,049	112,503	29,521	156	96
Georgia.....	542,162	282,608	408,612	249,060	135,479	33,608	71	29
Kentucky.....	391,820	251,995	350,358	235,288	41,365	16,642	97	70
Louisiana.....	415,326	268,653	296,372	231,225	118,672	37,374	282	51
Maryland.....	473,175	373,115	408,449	343,279	64,574	29,741	152	96
Mississippi.....	210,638	88,664	128,235	70,732	82,260	17,018	143	13
North Carolina.....	655,704	361,760	512,610	320,707	142,776	40,952	378	91
South Carolina.....	317,974	153,589	244,382	136,292	73,542	17,279	50	18
Tennessee.....	483,437	282,479	398,870	254,241	84,529	28,213	38	25
Virginia.....	498,024	320,308	378,617	278,881	119,245	41,332	162	85
Alaska.....	19,072	17,761	16,372	16,636	48	16	2,652	1,100
Hawaii.....	111,060	63,251	23,846	21,596	70	47	87,144	41,608
MALE								
Alabama.....	312,198	196,334	203,812	155,676	108,322	40,624	64	34
Arkansas.....	155,910	84,805	114,260	73,208	41,670	11,552	30	45
Delaware.....	52,279	50,918	46,296	48,328	5,956	2,579	27	11
District of Columbia.....	140,308	142,390	102,280	121,392	37,753	20,804	275	194
Florida.....	321,370	187,243	224,739	160,277	96,499	26,882	132	84
Georgia.....	370,347	224,642	259,514	194,700	110,780	29,918	53	24
Kentucky.....	304,105	217,263	269,037	201,316	34,975	15,378	93	60
Louisiana.....	331,197	236,600	226,253	201,581	104,731	34,974	213	44
Maryland.....	337,967	313,052	283,546	285,530	54,283	27,434	138	80
Mississippi.....	163,363	74,939	87,611	57,944	75,615	16,983	137	11
North Carolina.....	435,108	280,918	333,923	248,673	100,830	32,156	355	88
South Carolina.....	227,441	124,077	162,498	107,999	64,896	16,061	47	17
Tennessee.....	347,427	233,599	275,766	208,159	71,626	25,415	35	25
Virginia.....	362,445	268,419	270,084	232,740	92,213	35,597	148	82
Alaska.....	16,552	16,717	14,463	15,715	34	12	2,055	991
Hawaii.....	87,817	55,787	17,789	18,240	62	46	70,016	37,471
FEMALE								
Alabama.....	82,106	29,068	72,012	27,131	10,085	1,925	9	2
Arkansas.....	38,633	10,942	35,503	10,333	3,118	608	12	1
Delaware.....	22,027	10,709	20,511	10,468	1,608	240	8	1
District of Columbia.....	63,636	37,433	56,025	33,085	7,597	3,443	14	5
Florida.....	114,023	36,423	97,995	33,772	16,004	2,639	24	12
Georgia.....	171,815	58,065	147,098	54,360	24,699	3,690	18	5
Kentucky.....	87,715	34,732	81,321	33,467	6,390	1,264	4	1
Louisiana.....	84,129	32,053	70,119	29,647	13,941	2,400	69	7
Maryland.....	138,208	60,063	124,903	57,749	10,291	2,307	14	7
Mississippi.....	47,275	13,725	40,624	12,788	6,645	935	6	1
North Carolina.....	220,653	80,833	178,687	72,034	41,945	3,790	23	3
South Carolina.....	90,533	29,512	81,884	28,293	8,646	1,218	3	1
Tennessee.....	136,010	48,880	123,104	46,082	12,903	2,797	3	1
Virginia.....	136,579	51,889	108,533	46,151	27,032	5,735	14	3
Alaska.....	2,520	1,044	1,009	921	14	5	597	4,118
Hawaii.....	23,243	7,495	6,107	3,355	8	2	17,128	4,137

<sup>1</sup> See note 1, table 402.

Source: Federal Security Agency, Social Security Board, Bureau of Old-Age and Survivors Insurance; Social Security Yearbook.

**No. 404.—OLD-AGE INSURANCE—NUMBER OF EMPLOYEES IN FOURTH QUARTER OF 1938 AND TOTAL AMOUNT OF THEIR 1938 TAXABLE WAGES, BY AGE GROUPS, BY SEX, AND BY INDUSTRIAL DIVISIONS**

**NOTE.**—Wages in thousands of dollars. This table excludes data for 2,554,210 workers in covered employment in the fourth quarter of 1938 and for their taxable wages of \$2,597,377,000 received during 1938. These data could not be included because the returns were uncoded industrially, or because the workers were in industries other than those listed, or because their sex was unknown. The addition of these data to the totals for workers and wages appearing in the body of the table gives a total of 23,623,916 for workers and \$23,617,466,000 for taxable wages. These totals differ from those in tables 401 and 402 because they pertain only to workers employed in the fourth quarter of 1938 and because no adjustments have been made in this table to exclude 1937 taxable wages which were identified for posting after July 9, 1938, or to include 1938 taxable wages which were identified for posting after May 12, 1939, and additional workers for whom they were reported. Workers in the fourth quarter and their taxable wages for the year were assigned to the industrial group in which they were employed in the fourth quarter; those in multi-industry employing organizations were allocated to the primary industry, as determined by the largest number of employees in such organizations in the United States engaged in the same combination of industries. Figures are corrected to Aug. 15, 1940. See also headnotes, tables 401 and 402, and general note, p. 366

AGE (YEARS) <sup>1</sup>	MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	Em- ploy- ees	Wages	Em- ploy- ees	Wages	Em- ploy- ees	Wages	Em- ploy- ees	Wages	Em- ploy- ees	Wages	Em- ploy- ees	Wages
	Mining and quarrying				Contract construction				Manufacturing			
<b>Total</b> .....	668,787	706,577	13,829	13,101	1,067,154	876,334	25,880	20,611	6,805,582	8,204,462	2,436,180	1,642,289
<b>Under 20</b> .....	16,841	0,456	371	272	40,370	9,740	2,454	810	295,695	98,798	228,610	72,596
20 to 24.....	89,366	67,242	2,820	1,936	155,340	72,651	6,685	4,093	1,038,395	794,319	603,647	340,238
25 to 34.....	202,189	214,164	4,788	4,763	317,127	257,031	7,964	6,766	2,126,617	2,549,306	809,401	501,073
35 to 44.....	166,283	202,816	3,099	3,591	257,782	263,571	4,824	4,887	1,582,427	2,301,258	471,913	340,486
45 to 64.....	129,382	150,901	1,624	1,874	193,802	195,813	2,760	2,872	1,165,784	1,678,490	237,890	166,877
65 to 64.....	59,747	62,945	693	645	84,813	73,912	1,136	1,128	571,576	760,982	79,154	62,664
65 and over	1,872	1,816	18	14	5,221	2,527	37	37	18,466	17,808	3,035	1,475
Unknown.....	1,077	736	7	6	2,630	1,090	20	12	6,623	3,496	2,524	882
	Transportation				Communication				Public utilities			
<b>Total</b> .....	637,778	740,004	39,974	33,618	164,523	263,685	183,277	190,277	352,794	568,584	51,109	58,376
<b>Under 20</b> .....	18,255	5,218	2,864	975	34,674	6,380	9,597	4,369	5,520	1,962	2,276	1,022
20 to 24.....	82,983	56,587	8,797	5,900	15,458	10,928	36,269	28,169	33,142	29,030	10,931	9,337
25 to 34.....	221,984	247,680	13,944	12,415	43,679	84,340	75,849	82,478	112,112	167,613	19,792	22,913
35 to 44.....	167,886	226,023	8,429	8,438	38,410	90,358	41,194	50,734	105,351	191,660	11,208	14,490
45 to 64.....	98,340	139,286	4,226	4,129	21,780	60,024	16,141	20,025	64,870	118,038	5,187	6,586
65 to 64.....	45,100	63,154	1,613	1,686	10,131	21,370	4,096	4,429	30,961	51,846	1,659	1,994
65 and over	1,759	1,494	64	47	242	257	80	61	741	788	41	29
Unknown.....	1,469	661	37	17	151	28	43	14	197	85	15	6
	MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
AGE (YEARS) <sup>1</sup>	Em- ploy- ees	Wages	Em- ploy- ees	Wages	Em- ploy- ees	Wages	Em- ploy- ees	Wages	Em- ploy- ees	Wages	Em- ploy- ees	Wages
	Trade				Finance				Insurance			
<b>Total</b> .....	3,203,728	3,439,928	1,768,158	980,319	133,501	218,043	68,164	65,061	217,403	395,414	187,679	170,978
<b>Under 20</b> .....	316,438	79,751	304,441	48,613	2,817	1,192	3,705	1,562	4,151	2,070	12,598	6,540
20 to 24.....	596,473	401,889	465,115	210,640	14,563	12,762	15,123	12,041	22,151	21,170	42,743	35,482
25 to 34.....	1,000,227	1,156,783	511,113	320,668	46,277	72,371	23,425	25,537	70,877	137,476	63,302	70,225
35 to 44.....	677,427	943,353	273,341	193,020	32,755	63,895	13,099	16,368	60,919	132,738	28,971	35,270
45 to 64.....	413,712	584,803	149,309	111,515	22,557	42,191	5,713	7,059	34,996	70,774	14,171	16,876
65 to 64.....	206,623	263,023	57,394	43,169	13,815	22,901	2,009	2,401	17,564	30,442	5,573	6,404
65 and over	9,435	7,633	2,552	1,649	600	650	70	54	621	646	163	145
Unknown.....	5,393	2,692	2,803	745	117	80	45	28	124	99	68	36
	Real estate				Services				Professional services			
<b>Total</b> .....	234,281	279,121	95,669	74,127	1,610,435	1,493,310	892,331	499,616	79,806	104,331	170,756	145,476
<b>Under 20</b> .....	5,937	1,062	3,726	1,313	199,897	36,826	81,208	22,152	3,381	1,097	11,868	3,837
20 to 24.....	20,470	14,552	12,832	5,492	292,748	178,478	216,876	104,595	11,960	8,255	40,399	24,877
25 to 34.....	56,691	63,575	24,559	19,765	507,970	507,951	291,102	173,840	31,324	43,854	61,033	55,431
35 to 44.....	58,687	78,221	26,095	21,445	332,747	306,577	173,718	112,637	16,583	27,116	93,207	35,856
45 to 64.....	54,045	73,655	19,705	16,024	250,947	257,293	91,995	61,682	10,435	16,020	17,202	18,621
65 to 64.....	39,285	45,578	8,316	6,881	107,196	111,899	34,444	23,320	5,729	7,605	6,653	6,620
65 and over	1,750	1,463	307	197	5,812	3,785	1,464	830	293	227	215	174
Unknown.....	386	204	129	61	3,118	1,500	1,524	579	101	68	129	63

<sup>1</sup> Age at birthday nearest July 1, 1938.

Source: Federal Security Agency, Social Security Board, Bureau of Old-Age and Survivors Insurance; official records.

**NO. 405.—OLD-AGE AND SURVIVORS INSURANCE—NUMBER OF EMPLOYING ORGANIZATIONS, AMOUNT OF TAXABLE PAY ROLLS, AND NUMBER OF EMPLOYEES ON LAST DAY OR LAST PAY ROLL OF QUARTER, BY QUARTERS: 1938 AND 1939**

NOTE.—Taxable pay roll in thousands of dollars. The Social Security Act was amended to include employment of workers over 65 years of age beginning with 1939. Figures are corrected to September 16, 1940

YEAR OR QUARTER	Employing organizations <sup>1</sup>	Taxable pay rolls	Workers on last day or last pay roll of quarter
1938, total.....		<sup>2</sup> 25,009,805	
January-March.....	1,809,819	6,375,932	22,373,417
April-June.....	1,729,098	6,450,252	22,763,163
July-September.....	1,746,308	6,433,019	23,587,711
October-December.....	1,731,670	6,650,602	23,219,715
1939, total.....		28,854,273	
January-March.....	1,643,495	6,956,639	23,703,803
April-June.....	1,744,837	7,135,117	24,611,827
July-September.....	1,774,204	7,408,365	25,377,216
October-December.....	1,799,704	7,354,152	24,942,008

<sup>1</sup> An employing organization includes all establishments reported on 1 employer return.

<sup>2</sup> Differs from total taxable wages in table 402 which have been adjusted to include all taxable wages in 1938.

Source: Federal Security Agency, Social Security Board, Bureau of Old-Age and Survivors Insurance; Fifth Annual Report.

**NO. 406.—UNEMPLOYMENT COMPENSATION—SUBJECT EMPLOYERS AND WORKERS WITH WAGE CREDITS UNDER STATE UNEMPLOYMENT COMPENSATION SYSTEMS, BY STATES AND TERRITORIES, AS OF JUNE 1939**

NOTE.—Figures are estimates (subject to revision) based on data reported by State agencies. See general note, p. 366 .

STATE AND TERRITORY	Size-of-firm inclusion (number of employees)	Number of employers	Number of workers	STATE	Size-of-firm inclusion (number of employees)	Number of employers	Number of workers
Total.....		719,800	28,075,000	Missouri.....	8 or more.....	10,600	650,000
Alabama.....	8 or more.....	4,400	325,000	Montana.....	1. do.....	8,600	105,000
Alaska.....	8. do.....	3,500	23,000	Nebraska.....	8. do.....	3,300	145,000
Arizona.....	3. do.....	3,100	78,000	Nevada.....	1. do.....	2,500	30,000
Arkansas.....	1. do.....	14,900	190,000	New Hampshire.....	4. do.....	3,000	125,000
California.....	4. do.....	51,000	1,700,000	New Jersey.....	8. do.....	14,800	1,000,000
Colorado.....	8. do.....	4,300	200,000	New Mexico.....	4. do.....	2,000	70,000
Connecticut.....	5. do.....	8,300	485,000	New York.....	4. do.....	97,600	4,000,000
Delaware.....	1. do.....	4,800	65,000	North Carolina.....	8. do.....	6,800	700,000
Dist. of Columbia.....	1. do.....	14,900	180,000	North Dakota.....	8. do.....	1,100	42,000
Florida.....	8. do.....	4,400	350,000	Ohio.....	3. do.....	44,400	1,720,000
Georgia.....	8. do.....	7,200	400,000	Oklahoma.....	8. do.....	5,100	324,000
Hawaii.....	1. do.....	3,900	119,000	Oregon.....	4. do.....	7,400	225,000
Idaho.....	1. do.....	8,000	110,000	Pennsylvania.....	1. do.....	145,000	3,100,000
Illinois.....	8. do.....	27,300	1,620,000	Rhode Island.....	4. do.....	5,700	300,000
Indiana.....	8. do.....	9,000	338,000	South Carolina.....	8. do.....	3,500	292,000
Iowa.....	8. do.....	6,200	320,000	South Dakota.....	8. do.....	1,200	45,000
Kansas.....	8. do.....	6,700	245,000	Tennessee.....	8. do.....	4,500	450,000
Kentucky.....	4. do.....	7,400	380,000	Texas.....	8. do.....	13,300	800,000
Louisiana.....	4. do.....	12,000	425,000	Utah.....	4. do.....	2,500	90,000
Maine.....	8. do.....	2,900	100,000	Vermont.....	8. do.....	1,100	70,000
Maryland.....	4. do.....	11,000	475,000	Virginia.....	8. do.....	5,800	450,000
Massachusetts.....	4. do.....	35,500	1,450,000	Washington.....	8. do.....	6,400	300,000
Michigan.....	8. do.....	18,100	1,300,000	West Virginia.....	8. do.....	3,300	350,000
Minnesota.....	1. do.....	40,600	525,000	Wisconsin.....	7. do.....	7,900	500,000
Mississippi.....	8. do.....	3,000	160,000	Wyoming.....	1. do.....	4,800	40,000

Source: Federal Security Agency, Social Security Board, Bureau of Employment Security; official records.

**No. 407.—UNEMPLOYMENT COMPENSATION—NUMBER OF INITIAL AND CONTINUED CLAIMS RECEIVED BY STATE AGENCIES AND AMOUNT OF BENEFIT PAYMENTS, BY STATES AND TERRITORIES: 1938 AND 1939**
**NOTE.—Number of claims in thousands and amounts of payments in thousands of dollars. Data reported by State agencies and corrected to Mar. 15, 1940. See general note, p. 366**

STATE AND TERRITORY	Month and year benefits first payable	NUMBER OF CLAIMS RECEIVED IN LOCAL OFFICES				AMOUNT OF BENEFIT PAYMENTS <sup>1</sup>					
		Initial		Continued		All unemployment		Total unemployment		Partial unemployment <sup>2</sup>	
		1938	1939	1938	1939	1938	1939	1938	1939	1938	1939
Total		9,565	9,765	46,797	56,534	396,400	429,820	365,331	401,479	14,000	20,971
Ala.	Jan. 1938	201	106	1,500	914	8,131	4,265	6,810	3,548	1,291	742
Alaska	Jan. 1939		4		22		340		328		612
Ariz.	Jan. 1938	31	27	222	132	1,906	1,524	1,906	1,471	0	53
Ark.	Jan. 1939		81		443		1,816		1,608		90
Calif.	Jan. 1938	604	741	3,043	4,042	23,748	38,592	23,147	35,073	462	2,189
Colo.	Jan. 1939		71		441		3,471		3,155		313
Conn.	Jan. 1938	355	154	1,901	752	12,269	5,121	7,940	4,779	748	324
Del.	Jan. 1939		21		102		712		671		40
D. C.	Jan. 1938	44	23	395	263	1,073	1,437	1,570	1,333	103	65
Fla.	Jan. 1939		117		743		3,504		3,062		217
Ga.	do.		141		789		3,240		3,083		156
Hawaii	do.		7		84		287		293		23
Idaho	Sept. 1938	19	31	78	28		366		1,324	(9)	846
Ill.	July 1938		463		1,072		16,797		14,311		2,251
Ind.	Apr. 1938	230	129	1,937	1,400	10,309	10,254	14,522	8,976	1,786	1,277
Iowa	July 1938	82	95	448	813	2,556	5,292	2,474	4,827	82	417
Kans.	Jan. 1939		73		394		2,288		2,037		251
La.	do.		7143		984		4,897		4,799		39
Le.	Jan. 1938	134	133	770	922	4,007	5,940	1,984	5,338	2,053	302
Maine	do.	126	104	818	657	4,525	3,044	3,720	2,574		430
Md.	do.	11	2,898	1,808	994	10,149	5,704	2,627	4,501	416	534
Mass.	do.	627	515	2,513	2,424	27,228	19,694	27,228	19,622	(9)	(2)
Mich.	July 1938	534	822	3,500	2,992	39,907	37,161	39,907	34,140	(9)	3,021
Miss.	Jan. 1938	180	103	1,279	1,049	8,200	7,601	8,096	6,093	104	355
Miss.	Apr. 1938	68	62	395	363	1,416	1,447	1,416	1,419	(9)	22
Mo.	Jan. 1939		199		1,188		5,465		5,003		461
Mont.	July 1939		18		91		795		795		(9)
Nebr.	Jan. 1939		45		226		1,305		1,281		23
Nev.	do.		14		73		816		758		57
N. H.	Jan. 1938	117	39	659	318	2,734	1,553	2,420	1,332	312	220
N. J.	Jan. 1939		11	376	2,258		14,911		14,880		(2)
N. Mex.	Dec. 1938		4	96	1	176	9	1,226	9	1,131	(9)
N. Y.	Jan. 1938	2,590	1,861	(3)	7,208	89,334	79,049	89,334	79,049	(9)	(2)
N. C.	do.	400	263	3,440	1,280	8,211	4,413	(9)	3,987	(9)	250
N. Dak.	Jan. 1939		11	83	3		355		598		37
Ohio	do.		361		3,899		23,687		20,621		1,458
Okl.	Dec. 1938	22	103	22	624	71	4,244	71	3,837	(9)	357
Oreg.	Jan. 1938	188	125	782	541	5,921	4,073	5,416	3,656	505	410
Pa.	do.	1,090	740	0,230	0,446	71,628	54,876	71,628	52,615	(9)	(2)
R. I.	do.	192	167	1,681	869	9,433	5,805	8,425	5,370	1,008	435
S. C.	July 1938	34	114	204	653	595	2,146	395	1,455	230	690
S. Dak.	Jan. 1939		11		77		394		364		30
Tenn.	Jan. 1938	194	120	1,906	1,045	6,146	4,532	5,939	4,231	207	330
Tex.	do.	317	276	1,803	1,172	9,423	10,064	8,930	6,792	492	860
Utah	do.	59	48	302	226	2,403	1,696	2,407	1,656	56	140
Vt.	do.	30	21	153	102	822	575	743	626	79	49
Va.	do.	149	126	830	794	5,640	4,493	4,784	4,125	856	266
Wash.	Jan. 1939		139		796		6,153		5,593		560
W. Va.	Jan. 1938	188	207	2,141	857	12,067	4,220	10,191	3,892	1,876	303
Wis.	July 1938	331	150	1,441	795	9,524	3,875	8,985	3,370	14,539	300
Wyo.	Jan. 1939		21		111		1,154		965		170

<sup>1</sup> Unadjusted for returned or voided benefit checks. For most States, figures for all unemployment include irregular payments not broken down by type of unemployment.

<sup>2</sup> Includes payments for part-total unemployment except where otherwise noted. Payments for partial unemployment are not provided by State law in Mass., Miss., Mont., N. J., N. Y., and Pa. Of these, only Mississippi provides for payments of less than the full weekly benefit amount for total unemployment, i. e., "part-total" unemployment. In Kentucky, which pays benefits for part-total unemployment, the provision for benefits for partial unemployment became effective Jan. 1940. Provision for payment of benefits for partial and part-total unemployment in Mich. became effective Jan. 1939 and in Nebr. in May 1939.

<sup>3</sup> Data for Jan. not reported by Calif., Maine, and Oreg.; for Jan.-Mar., by Mass. and Va.; for May and June, by Ind.; and for entire year, by N. Y.

<sup>4</sup> Data for Feb.-Mar. not reported by Conn.; for Feb.-July, by Md.; and for entire year, by N. C.

<sup>5</sup> Data for Jan. not reported by Alaska, Nev., and Tex.; for Jan.-Mar., by N. C.; and for Jan.-May, by Idaho.

<sup>6</sup> Excludes "additional claims."

<sup>7</sup> Data for Feb., Mar., and Apr. were for total unemployment only.

<sup>8</sup> Data for Feb. and Mar. were for total unemployment only.

<sup>9</sup> Excludes "additional claims" Sept.-Dec. in Md. and for Jan.-Sept. in N. J.

<sup>10</sup> Payments for part-total unemployment included with payments for total unemployment.

<sup>11</sup> Includes claims for total and part-total unemployment only.

<sup>12</sup> Payments for part-total unemployment included with payments for total unemployment Jan.-Aug. and with payments for partial unemployment Sept.-Dec.

<sup>13</sup> Source: Federal Security Agency, Social Security Board, Bureau of Employment Security; official records.

# No. 408.—UNEMPLOYMENT COMPENSATION—NUMBER OF EMPLOYEES, BY MAJOR INDUSTRIAL DIVISIONS, BY STATES AND TERRITORIES, 1938

NOTE.—Data classified by industry groups listed in the Social Security Board Industrial Classification Code, edition of Mar. 15, 1937, with slight modifications in the major industrial divisions. Figures represent monthly averages and are based on the number of covered employees reported each month on the various types of pay rolls. Figures are preliminary and subject to revision.

STATE AND TERRITORY	Total	Mining and quarrying	Contract construction	Manufacturing	Transportation	Communication	Utilities	Trade <sup>1</sup>	Finance, insurance, and real estate <sup>2</sup>	Service <sup>3</sup>	Other <sup>4</sup>
Alabama	247,837	27,249	12,159	126,212	8,805	3,000	5,563	44,522	3,142	13,285	910
Alaska	10,763	3,263	391	4,030	1,507	90	78	1,061	23	347	5
Arizona	58,604	9,871	4,224	7,323	7,022	967	1,499	19,192	1,156	6,940	407
Arkansas	137,607	7,477	5,155	41,428	15,331	2,255	2,613	49,817	9,284	14,504	1,163
California	1,271,447	36,421	60,698	345,626	117,212	29,879	24,625	395,810	62,107	173,783	25,296
Colorado	136,836	14,156	6,184	28,406	18,668	4,619	3,740	42,703	4,857	13,261	792
Connecticut	413,564	721	12,526	253,114	17,663	5,620	6,770	70,081	23,094	20,700	3,464
Delaware	67,569	178	3,617	21,630	5,557	537	722	13,426	2,219	3,920	1,540
Dist. of Columbia	158,931	0	13,607	13,544	11,770	4,850	4,244	65,435	15,140	29,029	82
Florida	221,382	2,840	12,580	59,507	29,023	4,799	4,506	73,037	7,076	28,906	1,199
Georgia	330,585	1,597	15,172	137,145	32,844	6,585	6,721	70,742	8,761	20,345	723
Hawaii	70,839	64	5,122	41,443	5,256	769	1,968	15,451	1,646	5,899	2,216
Idaho	60,032	5,499	2,955	11,427	7,264	1,248	2,619	20,913	1,107	6,045	925
Illinois	1,603,085	41,043	36,503	704,649	170,287	34,512	28,903	368,648	74,287	129,009	15,272
Indiana	530,651	11,903	13,104	299,451	46,713	8,280	10,114	99,759	15,270	25,880	168
Iowa	241,140	6,115	11,106	80,088	30,727	7,060	6,544	72,222	8,936	18,179	143
Kansas	170,880	16,105	7,855	40,094	33,630	5,298	5,097	47,873	4,614	10,303	231
Kentucky	265,986	53,045	11,678	74,432	32,715	4,122	4,932	61,807	6,267	15,800	1,148
Louisiana	245,787	12,622	12,574	83,677	31,737	4,104	5,904	62,039	3,010	20,612	4,378
Maine	134,364	273	4,325	78,067	9,100	2,548	3,087	24,201	2,479	6,905	4,294
Maryland	247,682	2,487	18,393	151,063	39,158	5,187	6,785	70,273	17,424	26,250	692
Massachusetts	926,872	4,000	22,413	493,000	65,335	18,357	15,510	217,278	43,804	57,493	4,253
Michigan	900,907	16,234	23,158	525,355	46,297	13,031	10,722	174,640	28,479	50,780	3,205
Minnesota	307,142	8,896	19,265	101,085	44,188	7,788	7,468	145,871	19,942	40,991	2,143
Mississippi	108,444	638	10,631	47,889	13,532	2,184	1,980	21,829	2,086	6,585	1,090
Missouri	544,126	8,832	14,522	207,733	64,258	11,880	11,014	154,877	26,228	43,206	1,486
Montana	72,732	8,784	3,789	10,091	11,563	1,372	2,111	23,617	1,795	7,640	1,167
Nebbraska	116,480	616	6,011	25,836	21,842	4,949	2,657	38,895	5,766	9,005	—
Nevada	22,885	5,352	1,511	1,018	4,188	375	471	6,830	293	2,846	1
New Hampshire	90,097	8,664	3,748	61,134	3,845	1,622	2,236	17,071	1,875	5,998	1,204
New Jersey	839,620	3,122	21,045	484,956	60,620	13,967	18,185	138,700	37,207	55,927	5,852
New Mexico	42,501	9,441	3,415	3,641	7,075	755	1,039	12,848	612	3,696	169
New York	3,051,981	5,671	109,992	1,161,493	237,470	73,534	67,090	744,000	272,663	305,338	174,700
North Carolina	438,604	1,767	19,756	284,028	22,901	4,402	15,074	72,271	8,900	18,163	1,342
North Dakota	31,787	584	1,943	3,241	6,719	1,260	1,294	13,340	658	2,142	1
Ohio	1,307,933	26,924	36,764	654,174	105,173	19,843	25,817	305,742	46,844	82,220	4,378
Oklahoma	189,920	34,376	7,416	38,667	20,718	5,429	5,092	54,366	5,235	15,553	4,778
Oregon	142,060	845	5,292	53,198	15,869	3,205	4,349	38,035	4,446	12,750	4,090
Pennsylvania	2,231,049	—	—	—	—	—	—	—	—	—	—
Rhode Island	175,978	205	5,273	109,210	6,117	2,217	3,230	35,363	5,069	9,130	104
South Carolina	192,258	1,240	9,393	127,437	11,637	1,835	2,409	20,276	1,323	7,235	470
South Dakota	35,092	2,829	2,401	6,085	4,468	1,857	1,232	13,451	854	2,844	21
Tennessee	208,804	11,694	12,059	138,288	30,561	4,984	5,918	68,524	6,581	19,256	929
Texas	672,704	64,363	40,267	162,841	98,920	15,333	19,773	192,586	18,063	55,362	5,194
Utah	75,381	8,862	3,395	15,857	10,477	1,777	2,073	23,039	2,373	6,300	1,198
Vermont	46,544	1,283	2,146	23,340	4,780	1,157	1,140	9,137	1,145	2,308	102
Virginia	316,033	18,745	16,276	130,705	42,664	4,545	6,844	67,733	8,555	19,109	807
Washington	261,109	4,275	12,882	91,916	29,045	5,940	5,340	71,131	3,723	20,097	10,260
West Virginia	278,587	106,629	5,638	80,524	23,197	2,763	9,822	35,833	3,199	10,189	743
Wisconsin	430,210	2,000	10,944	230,011	32,436	0,150	7,774	36,560	14,432	22,696	174,207
Wyoming	39,587	8,269	3,089	3,815	8,055	687	768	10,101	474	3,802	27

<sup>1</sup> Includes industry groups No. 71 (eating and drinking places) and No. 75 (auto repair services, garages, and filling stations). <sup>2</sup> Includes ind. group No. 68 (real estate, ins., loans, law offices, or any comb.).

<sup>3</sup> Includes total service (less No. 71 and No. 75—included in trade), professional services, industry group No. 86 (membership organizations, such as trade associations, trade unions, etc.), and industry group No. 88 (governmental agencies other than Federal).

<sup>4</sup> Includes industry groups Nos. 67 and 68 (administrative offices and auxiliary units), industry group No. 85 (private business organizations not elsewhere classified), and other industries not elsewhere classified.

<sup>5</sup> Excludes industry group No. 40 (interstate railroads) not covered by State law.

<sup>6</sup> Includes logging and lumbering camps, not attached to sawmills and logging contractors.

<sup>7</sup> Over 80 percent auxiliary units and holding companies. <sup>8</sup> Includes plantation agencies.

<sup>9</sup> Not adjusted for change in coverage from employers of 8 or more to 4 or more, effective Oct. 1, 1938.

<sup>10</sup> Monthly averages based on data for 8 months (March, and June to December).

<sup>11</sup> Includes approximately 18,000 covered workers in domestic service covered by State law. Monthly averages are derived from monthly employment totals based on the sum of all employees on the monthly pay rolls, plus the highest number on the semi-monthly, weekly, and any other pay rolls. Does not include approximately 10,847 workers reported under temporary numbers each month. <sup>12</sup> See note 13.

<sup>13</sup> Includes street, suburban, and interurban railways and city and suburban bus lines.

<sup>14</sup> Based on 9-month data (April through December). <sup>15</sup> No industrial classifications reported.

<sup>16</sup> Data adjusted to conform with Social Security Board industrial classifications.

<sup>17</sup> Includes approximately 13,000 government employees (other than Federal) covered by State law.

No. 409.—UNEMPLOYMENT COMPENSATION—REPORTED TAXABLE PAY ROLLS,  
BY MAJOR INDUSTRIAL DIVISIONS, BY STATES AND TERRITORIES: 1938

NOTE.—In thousands of dollars. See headnote, table 408. Figures are preliminary and subject to revision

STATE AND TERRITORY	Total	Mining and quarrying	Contract construction	Manufacturing	Transportation	Communication	Utilities	Trade <sup>1</sup>	Finance, insurance, and real estate <sup>2</sup>	Service <sup>3</sup>	Other <sup>4</sup>
Alabama	209,789	23,744	7,317	106,253	45,118	3,436	8,030	41,636	4,180	9,496	576
Alaska	18,788	7,932	685	6,137	1,690	59	137	1,621	76	446	5
Arizona	78,145	15,527	5,899	9,477	11,428	1,258	2,278	22,759	1,884	7,039	656
Arkansas	120,939	8,344	3,371	31,100	22,372	2,343	3,435	34,516	4,252	10,062	1,094
California	1,997,284	68,923	87,993	532,472	189,470	50,634	42,170	562,710	104,458	311,208	67,249
Colorado	178,400	18,371	7,370	38,193	30,453	6,604	5,431	50,899	7,032	11,985	2,082
Connecticut	569,636	987	18,483	322,815	29,659	10,207	13,744	95,902	44,640	24,704	5,485
Delaware	52,421	109	3,768	26,808	8,132	844	1,113	14,700	3,911	4,264	18,726
Dist. of Col.	210,034		14,800	22,141	19,036	7,907	7,417	79,092	19,859	39,651	131
Florida	218,976	2,720	12,087	50,600	33,608	5,713	6,743	74,372	9,776	22,508	789
Georgia	302,365	1,084	8,910	125,195	43,008	9,347	9,486	73,956	13,137	16,186	1,056
Hawaii	69,450	53	4,878	25,228	6,498	1,183	2,872	15,809	3,075	5,804	4,059
Idaho	70,836	9,219	3,516	14,314	11,108	1,250	2,935	21,597	1,351	4,629	917
Illinois	2,411,654	48,096	64,596	1,034,783	287,756	63,751	57,780	620,788	127,032	178,000	38,973
Indiana	697,646	14,256	18,804	398,979	75,244	10,091	16,522	112,871	25,410	24,892	476
Iowa	294,776	5,806	12,257	100,949	49,191	7,925	9,288	79,200	14,679	15,296	179
Kansas	211,490	22,665	7,047	54,023	62,042	5,575	7,062	47,905	7,012	8,171	534
Kentucky	295,514	61,302	10,795	83,533	50,305	4,456	6,985	63,110	9,691	13,820	1,257
Louisiana	283,642	23,710	14,703	86,607	38,035	5,483	9,115	68,999	11,992	10,412	5,421
Maine	143,803	388	4,375	76,891	13,343	3,346	4,556	28,513	4,371	5,190	2,830
Maryland	410,932	2,334	10,964	180,197	50,249	7,870	12,803	84,662	27,128	24,758	1,453
Massachusetts	1,245,702	490	34,932	613,677	89,175	31,433	28,192	295,539	70,799	65,300	10,105
Michigan	1,866,889	20,586	34,630	835,540	72,436	19,416	38,066	220,459	49,244	63,215	4,297
Minnesota	612,812	11,721	20,581	143,745	71,949	10,445	12,793	168,189	28,825	41,375	2,689
Mississippi	89,650	542	6,568	32,395	16,387	2,172	2,490	21,815	2,499	4,219	573
Missouri	708,723	8,615	18,418	259,056	102,978	17,553	18,005	195,947	40,859	44,210	3,823
Montana	98,461	13,977	4,247	16,440	19,507	1,572	4,097	27,630	2,278	6,455	2,283
Nebraska	147,055	474	6,057	33,821	35,764	6,534	3,712	42,690	9,578	8,393	2
Nevada	33,600	8,788	1,990	1,423	7,077	556	769	8,871	385	8,740	1
N. Hampshire	104,632	461	3,710	61,763	5,551	1,298	3,479	18,232	3,319	5,208	716
New Jersey	1,187,897	4,716	32,564	661,998	94,917	24,810	34,791	194,695	69,781	63,032	6,593
New Mexico	61,689	13,459	5,984	3,613	10,699	760	1,824	13,991	685	2,926	134
New York	4,282,808	7,532	161,364	1,652,082	302,903	135,711	120,468	1,012,697	416,319	396,768	114,967
North Carolina	371,848	1,164	12,289	221,437	130,066	4,791	7,466	66,480	13,313	12,646	1,640
North Dakota	38,895	748	1,813	4,592	10,872	1,329	1,774	14,704	994	2,008	1
Ohio	1,889,614										
Oklahoma	250,611	57,065	6,861	46,521	31,493	6,323	8,021	61,173	7,410	13,824	11,920
Oregon	216,816	1,353	8,425	80,043	26,847	5,167	7,698	59,157	6,868	14,498	6,760
Pennsylvania	2,773,908										
Rhode Island	208,978	257	6,418	121,998	8,936	3,721	6,049	42,117	9,341	9,747	394
South Carolina	153,977	909	6,669	92,634	113,701	1,893	3,207	27,750	2,164	4,885	165
South Dakota	41,742	5,247	2,000	7,686	6,864	1,550	1,637	13,897	1,207	1,893	11
Tennessee	305,884	10,706	10,133	130,042	44,538	5,814	8,340	71,710	8,903	15,364	1,255
Texas	837,507	115,111	37,926	201,357	137,114	17,768	28,341	210,712	26,852	40,238	13,093
Utah	93,497	12,378	3,821	19,381	17,884	2,084	2,903	25,445	3,500	5,889	3,202
Vermont	93,204	1,837	1,885	25,098	6,886	1,400	1,601	10,439	2,279	1,704	65
Virginia	347,624	20,275	15,011	127,927	62,879	5,992	10,042	75,103	12,999	16,006	927
Washington	363,453	5,839	19,621	125,734	45,003	9,531	9,154	97,213	13,866	22,209	14,543
West Virginia	340,912	121,948	6,605	100,766	37,050	3,565	15,177	41,076	5,261	9,612	864
Wisconsin	607,056	2,750	16,278	334,213	51,798	11,588	13,042	111,105	26,590	24,986	15,616
Wyoming	51,814	13,139	4,412	5,070	13,416	675	1,085	10,684	544	2,748	42

<sup>1</sup> See note 1, table 408.

<sup>2</sup> See note 2, table 408.

<sup>3</sup> See note 3, table 408.

<sup>4</sup> See note 4, table 408.

<sup>5</sup> See note 5, table 408.

<sup>6</sup> See note 6, table 408.

<sup>7</sup> Includes \$16,297,000 in pay rolls for industry group No. 67 (administrative offices and holding companies).

<sup>8</sup> Includes \$4,029,000 paid to employees of plantation agencies.

<sup>9</sup> Change in coverage law from employers of 8 or more to 4 or more effective Oct. 1, 1938.

<sup>10</sup> Excludes that part of any employee's annual wage in excess of \$3,000. Does not include approximately \$12,000,000 reported for employees under temporary numbers.

<sup>11</sup> Includes \$30,139,000 reported for domestic service, covered by State law.

<sup>12</sup> See note 13, table 408.

<sup>13</sup> See note 16, table 408.

<sup>14</sup> Aggregate annual pay rolls by industrial divisions not reported.

<sup>15</sup> Includes \$12,980,000 paid to government employees (other than Federal) covered by State law.

Source: Federal Security Agency, Social Security Board, Bureau of Employment Security; Fourth Annual Report.

NO. 410.—UNEMPLOYMENT COMPENSATION—STATE FUNDS AVAILABLE FOR BENEFITS, COLLECTIONS, INTEREST EARNED, AND BENEFITS PAID, BY STATES AND TERRITORIES: 1939

NOTE.—In thousands of dollars. All data reported by State agencies except interest, which is reported by the U. S. Treasury. With the shift of coverage of interstate railroads to the Railroad Retirement Board effective July 1, 1939, State agencies discontinued collection of contributions and payment of benefits to employees of interstate railroads. Data corrected to Mar. 15, 1940. See general note, p. 366

STATE AND TERRITORY	Month and year benefits first payable	Funds available Jan. 1, 1939 <sup>1</sup>	Collections <sup>2</sup>	Interest earned <sup>3</sup>	Benefits paid <sup>4</sup>	Funds available Dec. 31, 1939 <sup>1</sup>
<b>Total</b> .....		<b>1, 110, 626</b>	<b>824, 876</b>	<b>32, 192</b>	<b>429, 298</b>	<b>1, 537, 797</b>
Alabama <sup>5</sup> .....	Jan. 1938	7, 403	8, 497	234	4, 285	11, 849
Alaska.....	Jan. 1939	885	547	22	1, 350	4, 104
Arizona.....	Jan. 1938	1, 937	2, 154	54	1, 519	2, 626
Arkansas.....	Jan. 1939	5, 309	3, 434	150	1, 816	7, 077
California <sup>6</sup> .....	Jan. 1938	107, 630	77, 326	3, 145	38, 546	149, 561
Colorado.....	Jan. 1939	8, 944	5, 040	241	3, 465	10, 769
Connecticut.....	Jan. 1938	10, 266	16, 684	545	5, 120	27, 771
Delaware.....	Jan. 1939	3, 015	2, 388	118	711	6, 710
District of Columbia.....	Jan. 1938	10, 782	6, 793	325	1, 423	16, 450
Florida.....	Jan. 1939	9, 871	6, 486	290	3, 503	13, 149
Georgia.....	do	15, 502	8, 019	425	3, 238	20, 712
Hawaii.....	do	3, 250	1, 851	99	286	4, 014
Idaho.....	Sept. 1938	3, 211	2, 001	65	2, 193	3, 084
Illinois.....	July 1939	117, 940	68, 132	3, 755	16, 783	173, 044
Indiana.....	Apr. 1938	22, 856	20, 900	688	10, 217	34, 227
Iowa.....	July 1938	11, 446	8, 187	266	5, 224	14, 705
Kansas.....	Jan. 1939	10, 181	5, 441	263	2, 288	13, 627
Kentucky <sup>7</sup> .....	do	18, 936	11, 095	543	4, 863	25, 711
Louisiana <sup>8</sup> .....	Jan. 1938	12, 806	9, 808	341	5, 034	17, 020
Maine.....	do	2, 456	4, 094	65	3, 027	3, 588
Maryland.....	do	9, 269	12, 108	258	5, 747	15, 926
Massachusetts.....	do	51, 730	37, 766	1, 526	19, 651	71, 371
Michigan.....	July 1938	37, 723	45, 157	1, 041	37, 114	46, 807
Minnesota.....	Jan. 1938	16, 127	14, 285	458	7, 598	23, 272
Mississippi.....	Apr. 1938	3, 347	2, 208	86	1, 444	4, 197
Missouri.....	Jan. 1939	34, 036	19, 567	1, 041	5, 461	49, 183
Montana.....	July 1939	4, 772	2, 746	145	1, 765	6, 898
Nebraska.....	Jan. 1939	7, 082	3, 919	206	1, 304	9, 908
Nevada.....	do	1, 528	947	40	815	1, 700
New Hampshire.....	Jan. 1938	4, 350	2, 846	116	1, 549	5, 763
New Jersey <sup>9</sup> .....	Jan. 1939	66, 691	45, 764	1, 098	14, 906	99, 547
New Mexico.....	Dec. 1938	2, 472	1, 429	64	1, 226	2, 730
New York.....	Jan. 1938	138, 959	116, 235	3, 799	80, 019	178, 974
North Carolina.....	do	11, 185	11, 147	343	4, 395	12, 290
North Dakota.....	Jan. 1939	1, 897	987	51	545	2, 390
Ohio.....	do	97, 884	55, 427	2, 838	23, 682	132, 487
Oklahoma.....	Dec. 1938	13, 202	5, 687	330	4, 241	14, 878
Oregon.....	Jan. 1938	6, 080	5, 670	159	4, 053	7, 856
Pennsylvania.....	do	70, 585	78, 587	1, 068	54, 602	96, 638
Rhode Island <sup>10</sup> .....	do	6, 060	3, 171	196	5, 746	9, 581
South Carolina.....	July 1938	7, 863	3, 849	214	2, 143	9, 783
South Dakota.....	Jan. 1939	1, 977	1, 126	57	394	2, 766
Tennessee.....	Jan. 1938	8, 577	8, 696	268	4, 578	12, 993
Texas.....	do	32, 783	22, 567	944	10, 707	45, 687
Utah.....	do	2, 240	2, 687	67	1, 694	3, 800
Vermont.....	do	2, 042	1, 526	57	574	3, 051
Virginia.....	do	11, 254	10, 099	342	4, 488	17, 207
Washington.....	Jan. 1939	18, 891	8, 936	491	6, 146	22, 172
West Virginia.....	Jan. 1938	7, 217	9, 974	216	4, 213	13, 194
Wisconsin.....	July 1936	37, 860	14, 620	1, 068	3, 567	50, 081
Wyoming.....	Jan. 1939	2, 401	1, 396	61	1, 154	2, 704

<sup>1</sup> Represents sum of balances at end of month in State clearing account, benefit-payment account, and Unemployment Trust Fund Account maintained in the U. S. Treasury.

<sup>2</sup> Includes contributions plus penalties and interest collected from employers during 1939. Figures are adjusted for refunds of contributions and for dishonored contribution checks. Employer contributions of 2.7 percent are collected in all States except the District of Columbia and Michigan, in which the rate is 3 percent; in New York, the rate is 3 percent for employers covered by State law but not covered by title IX; those employers covered by title IX pay 2.7 percent. Employee contributions are collected in 6 States. See note 5.

<sup>3</sup> Except interest earned on funds in State accounts in the Unemployment Trust Fund which is credited and reported by the U. S. Treasury in the last month of each quarter.

<sup>4</sup> Adjusted for voided benefit checks.

<sup>5</sup> Employee contributions of 1 percent are collected in Alabama, California, Kentucky, and New Jersey; of 0.5 percent in Louisiana; and 1.5 percent in Rhode Island.

<sup>6</sup> Under provision of the Connecticut law, administrative grants equal to the preliminary and "liquidating" amount to be transferred to the Railroad Unemployment Insurance Account are to be withheld by the Social Security Board, and the State is permitted to withdraw from unemployment compensation insurance funds the amounts found necessary for administrative purposes, up to the amount so withheld. As of Dec. 31, 1939, \$509,000 had been withheld.

Source: Federal Security Agency, Social Security Board, Bureau of Employment Security; Social Security Yearbook.

No. 411.—AMOUNT OF PUBLIC ASSISTANCE AND EARNINGS OF PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS IN CONTINENTAL UNITED STATES: 1933 TO JUNE 1940

NOTE.—In thousands of dollars. Figures exclude cost of administration; of materials, equipment, and other items incident to operation of work programs. Figures are partly estimated and subject to revision. See general note, p. 366

YEAR AND MONTH	All public assistance and earnings of persons employed under Federal work programs	OBLIGATIONS INCURRED FOR—				Subsistence payments certified by Farm Security Administration <sup>1</sup>	EARNINGS OF PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS <sup>2</sup>					
		Special types of public assistance <sup>3</sup>	General relief <sup>4</sup>	Relief under special programs of Federal Emergency Relief Administration <sup>5</sup>	Civilian Conservation Corps <sup>6</sup>		National Youth Administration <sup>7</sup>		Work Projects Administration <sup>8</sup>	Other Federal work and construction projects <sup>9</sup>	Civil Works Program <sup>10</sup>	
							Student work program	Out-of-school work program				
1933	1,358,159	72,414	758,752	5,753	140,736					165,548	214,956	
1934	2,436,328	80,003	1,200,360	61,069	260,957					350,879	503,060	
1935	2,594,704	114,663	1,433,180	114,996	2,541,332	8,364		238,018		352,151		
1936	3,258,776	217,516	439,004	3,873	20,365	202,397	26,320	28,883	1,592,039	638,370		
1937	2,869,882	397,867	406,882	467	35,894	245,756	24,287	32,664	1,180,266	539,299		
1938	3,487,182	508,980	476,202		22,587	230,318	19,598	41,560	1,750,836	437,101		
1939	3,494,490	666,880	481,726		18,050	230,513	22,707	51,538	1,686,224	587,872		
Jan	316,274	45,898	43,701		2,301	20,642	2,266	4,347	100,606	36,423		
Feb	310,087	46,191	45,028		2,327	20,689	2,457	4,472	154,765	34,158		
Mar	318,468	46,359	46,587		2,402	18,103	2,446	4,451	102,596	35,424		
Apr	309,348	46,201	41,277		2,242	19,974	2,494	4,318	162,457	40,385		
May	308,041	46,161	39,237		1,687	20,432	2,494	4,286	147,979	45,765		
June	304,526	47,080	37,052		1,284	18,637	1,935	3,993	140,597	53,948		
July	279,112	47,518	36,264		828	19,317	(11)	2,561	122,112	50,512		
Aug	276,548	47,756	38,234		1,211	10,372	6	4,145	111,593	54,232		
Sept	258,231	47,937	38,647		846	17,097	306	4,222	98,050	56,126		
Oct	268,559	47,898	38,699		876	16,308	2,390	4,437	101,936	52,965		
Nov	271,760	48,259	38,277		1,156	10,321	2,052	4,804	105,539	51,342		
Dec	273,534	48,592	38,721		1,710	17,621	2,062	5,442	111,804	46,692		
1940 (8 mos.)	1,635,926	308,853	228,913		13,266	108,341	18,330	35,249	684,097	237,878		
Jan	270,511	50,679	42,597		1,992	19,426	2,852	5,816	109,759	37,390		
Feb	274,083	51,184	41,494		2,309	19,605	3,114	6,138	115,032	35,207		
Mar	280,520	51,231	40,218		2,805	17,479	3,266	6,251	124,363	34,907		
Apr	279,533	51,682	37,817		2,508	18,061	3,361	5,011	119,959	40,352		
May	274,806	51,751	35,378		2,144	17,908	3,423	5,554	114,346	44,302		
June	256,473	52,426	32,408		1,516	15,872	2,314	5,879	100,638	45,720		

<sup>1</sup> Figures from the F. S. A. represents net amount of emergency grant vouchers certified to cases and value of commodities distributed during month.

<sup>2</sup> Includes earnings of persons certified as in need and earnings of all other persons employed on work and construction projects financed in whole or in part from Federal funds. Figures for the C. C. O. represent earnings of enrolled persons only.

<sup>3</sup> Figures through January 1936 represent payments from State and local funds only. Thereafter, figures represent payments to recipients from Federal, State, and local funds in States administering the 3 special types of public assistance under the Social Security Act and from State and local funds only in States not participating under the act. After 1939, figures include payments for hospitalization and burials.

<sup>4</sup> Figures through March 1937 from the W. P. A., Division of Statistics. Figures for 1933-35 include obligations incurred for direct relief, and earnings of relief and nonrelief persons (other than of administrative employees) employed under the general relief program of the F. E. R. A.; they also include an estimated amount of obligations incurred for relief extended to cases by local authorities from public funds under the poor laws. After 1939, figures include payments for hospitalization and burials.

<sup>5</sup> Figures from the W. P. A., Division of Statistics; include obligations incurred for relief extended to cases under the emergency education, student aid, rural rehabilitation, and transient programs of the Emergency Relief Administrations largely financed from F. E. R. A. funds.

<sup>6</sup> Figures estimated by the C. C. O. by multiplying average monthly number of persons enrolled by an average of \$70 per month through June 1939, \$67 for July-October and \$66.25 for November and December. This average amount is based on amount of obligations incurred for cash allowances and for clothing, shelter, subsistence, and medical care of persons enrolled, and for certain other items.

<sup>7</sup> Figures for September 1935-June 1936 from the W. P. A., Division of Statistics; thereafter, from the N. Y. A.; represent earnings during all pay-roll periods ended during month.

<sup>8</sup> Figures from the W. P. A., Division of Statistics; represent earnings of persons employed on projects operated by the W. P. A. and, after June 1938, earnings of persons employed on Federal agency projects financed by transfer of W. P. A. funds; cover all pay-roll periods ended during month.

<sup>9</sup> Figures from the Bureau of Labor Statistics, Division of Construction and Public Employment; represent earnings on other work and construction projects financed in whole or in part from Federal funds and cover all pay-roll periods ended during monthly period ended on 15th of specified month.

<sup>10</sup> Figures from the W. P. A., Division of Statistics; represent estimated total earnings during month.

<sup>11</sup> Less than \$500.

Source: Federal Security Agency, Social Security Board, Bureau of Research and Statistics; figures are published currently in Social Security Bulletin.



No. 412.—RECIPIENTS OF PUBLIC ASSISTANCE AND PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS IN CONTINENTAL UNITED STATES, BY SELECTED MONTHS: MARCH 1933 TO JUNE 1940

Note.—In thousands. Figures exclude administrative employees. Figures are partly estimated and subject to revision. See general note, p. 366

YEAR AND MONTH	ESTIMATED UNDUPLICATED TOTAL <sup>1</sup>		RECIPIENTS OF SPECIAL TYPES OF PUBLIC ASSISTANCE <sup>1</sup>			Cases receiving general relief <sup>2</sup>	Cases aided under special programs of Fed. Emer. Relief Admn. <sup>4</sup>	Cases for which subsistence payments were certified by Farm Security Admn. <sup>5</sup>	PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS <sup>6</sup>						
	Households	Persons in these households	Old-age assistance	Aid to dependent children					Aid to the blind	Civilian Conservation Corps <sup>7</sup>	National Youth Administration <sup>8</sup>		Work Projects Administration <sup>9</sup>	Other Federal work and construction projects <sup>10</sup>	Civil Works Program <sup>11</sup>
				Families	Children						Student aid	Work projects			
1933															
Mar	5,526	21,539	112	113	233	24	5,087	84					168		
June	4,032	19,485	108	109	270	24	4,323	64		243			237		
Sept	4,295	16,215	105	111	277	24	3,589	64		274			211		
Dec	7,230	25,573	107	112	285	25	3,246	101		290			330	3,597	
1934															
Mar	7,268	25,972	125	111	277	26	3,770	229		268			282	2,609	
June	5,817	21,179	130	109	272	29	4,441	289		284			585		
Sept	6,283	22,771	145	109	272	31	4,809	384		330			527		
Dec	6,746	24,261	206	113	280	33	5,285	447		330			384		
1935															
Mar	6,885	24,465	263	108	270	32	5,410	603		306			285		
June	6,404	22,457	293	108	270	33	4,764	557		351			447		
Sept	5,792	20,153	326	110	275	33	4,161	240		493		374	471		
Dec	6,083	20,998	378	117	286	35	2,879	92	130	469	283		2,697	488	
1936															
Mar	6,192	21,256	505	132	328	43	2,010	23	172	355	393	193	2,960	534	
June	5,645	18,549	650	156	332	44	1,655	11	62	336	215	184	2,286	860	
Sept	5,715	18,819	899	140	346	44	1,889	9	77	299	63	167	2,449	845	
Dec	5,986	19,055	1,106	160	401	45	1,610	11	135	328	411	178	2,243	657	
1937															
Mar	6,008	19,005	1,256	178	437	48	1,684	6	323	303	440	192	3,125	476	
June	5,388	16,669	1,290	192	473	50	1,277		191	277	249	173	1,874	588	
Sept	4,696	13,985	1,467	209	518	52	1,265		67	233	36	127	1,464	522	
Dec	5,338	15,967	1,677	228	565	56	1,626		109	284	304	136	1,594	404	
1938															
Jan	5,771	17,506	1,600	234	578	57	1,893		108	285	310	146	1,801	334	
Feb	6,089	18,638	1,623	241	595	59	1,996		119	278	320	152	2,001	310	
Mar	6,489	19,967	1,646	247	610	60	1,904		126	262	327	155	2,319	337	
Apr	6,578	20,357	1,652	252	622	60	1,815		117	262	334	150	2,538	391	
May	6,686	20,685	1,677	256	630	62	1,696		112	257	329	179	2,638	487	
June	6,684	20,774	1,657	253	638	62	1,648		93	245	219	209	2,741	541	
July	6,037	20,685	1,707	260	640	63	1,610		70	234		215	2,996	460	
Aug	6,772	21,192	1,716	265	651	64	1,681		62	200	2	219	3,122	338	
Sept	6,812	21,217	1,731	268	659	65	1,526		69	208	49	221	3,209	365	
Oct	7,076	21,760	1,746	271	664	66	1,497		79	291	322	230	3,282	377	
Nov	7,102	21,964	1,762	274	672	66	1,613		89	293	364	230	3,330	377	
Dec	7,159	21,892	1,776	280	684	67	1,631		115	275	372	240	3,166	369	
1939															
Jan	7,131	21,740	1,787	287	700	67	1,772		126	295	372	237	3,016	352	
Feb	7,170	21,750	1,799	290	717	67	1,844		123	296	382	242	2,990	342	
Mar	7,177	21,739	1,813	298	720	67	1,851		127	299	380	236	3,004	350	
Apr	6,987	20,936	1,830	296	714	68	1,724		114	285	384	228	2,786	392	
May	6,806	20,233	1,832	299	721	68	1,644		87	292	372	225	2,638	439	
June	6,805	19,487	1,842	311	748	68	1,568		69	266	280	214	2,570	488	
July	6,251	18,466	1,858	312	750	69	1,540		46	238	(1)	207	2,279	491	
Aug	5,787	16,492	1,884	313	752	69	1,683		72	289	1	211	1,967	496	
Sept	5,909	16,969	1,894	313	752	69	1,671		50	255	70	225	1,715	492	
Oct	6,088	17,233	1,903	313	752	69	1,633		50	288	302	238	1,867	475	
Nov	6,088	17,233	1,903	313	752	69	1,633		65	292	423	261	1,946	452	
Dec	6,183	17,695	1,908	315	759	70	1,663		97	296	434	269	2,109	403	
1940															
Jan	6,373	18,436	1,924	325	783	70	1,689		107	293	437	322	2,203	319	
Feb	6,451	18,716	1,929	329	792	70	1,687		115	296	456	336	2,293	295	
Mar	6,431	18,638	1,935	334	804	71	1,630		119	264	473	335	2,294	306	

For footnotes, see next page.

NO. 412.—RECIPIENTS OF PUBLIC ASSISTANCE AND PERSONS EMPLOYED UNDER  
FEDERAL WORK PROGRAMS, ETC.—Continued

[In thousands]

YEAR AND MONTH	ESTIMATED UNDUPLICATED TOTAL <sup>1</sup>		RECIPIENTS OF SPECIAL TYPES OF PUBLIC ASSISTANCE <sup>2</sup>				Cases receiving general relief <sup>3</sup>	Cases aided under special programs of Fed. Emer. Relief Admn. <sup>4</sup>	Cases for which subsistence payments were certified by Farm Security Admn. <sup>5</sup>	PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS <sup>6</sup>					
	Households	Persons in these households	Old-age assistance	Aid to dependent children		Aid to the blind				Civilian Conservation Corps <sup>7</sup>	Student aid	Work projects	Work Projects Administration <sup>8</sup>	Other Federal work and construction projects <sup>9</sup>	Civil Works Program <sup>10</sup>
				Families	Children										
1940—April.....	6,247	17,941	1,944	339	814	71	1,545	-----	86	272	480	320	2,125	339	
May.....	6,039	17,165	1,956	342	823	71	1,461	-----	71	270	476	296	1,963	368	
June.....	5,700	16,070	1,970	346	831	72	1,373	-----	60	240	313	269	1,734	393	

<sup>1</sup> Estimated by the W. P. A. and the Social Security Board.

<sup>2</sup> Includes recipients assisted from Federal, State, and local funds for programs administered under State plans approved by the Social Security Board, and from State and local funds for those administered under State laws without Federal participation. After 1939, includes cases receiving hospitalization and burials.

<sup>3</sup> Figures for January 1933—March 1937 from the W. P. A., Division of Statistics. Figures represent the number aided during the month. Figures for 1933-35 include cases receiving direct relief, and relief and nonrelief persons (other than administrative employees) employed under the general relief program of the F. E. R. A.; they include an estimated number of general relief cases aided by local authorities from public funds under the poor laws. After 1939, figures include cases receiving hospitalization and burials.

<sup>4</sup> Figures from the W. P. A., Division of Statistics; include cases receiving relief during month under emergency education, student aid, rural rehabilitation, and transient programs of emergency relief administrations largely financed from F. E. R. A. funds.

<sup>5</sup> Figures from the F. S. A.; represent net number of emergency grant vouchers certified to cases and number of cases receiving commodities purchased by the F. S. A. and distributed during month.

<sup>6</sup> Includes persons certified as in need and all others employed on work and construction projects financed in whole or in part from Federal funds. Figures for C. C. C. represent enrolled persons only.

<sup>7</sup> Figures from the C. O. C.; estimated for March 1933—March 1935; for subsequent months they are averages computed by the C. C. C. from reports on number of persons enrolled on 10th, 20th, and last day of each month except for the Indian Division, for which averages are computed from daily reports.

<sup>8</sup> Figures for September 1935—June 1939 from W. P. A., Division of Statistics; thereafter, from the N. Y. A.; represent number of different persons employed during month.

<sup>9</sup> Figures from the W. P. A., Division of Statistics; represent average weekly number of persons employed during month on projects operated by the W. P. A. and, after June 1938, persons employed on Federal agency projects financed by transfer of W. P. A. funds.

<sup>10</sup> Figures from the Bureau of Labor Statistics, Division of Construction and Public Employment; represent average weekly number of persons employed on other work and construction projects financed in whole or in part from Federal funds during monthly period ended on 15th of specified month.

<sup>11</sup> Figures from W. P. A., Div. of Statistics; estimated number employed during month.

<sup>12</sup> Fewer than 500 persons.

Source: Federal Security Agency, Social Security Board, Bureau of Research and Statistics; figures are published currently in Social Security Bulletin.

NO. 413.—OLD-AGE ASSISTANCE—GROWTH: 1915 TO 1939

YEAR <sup>1</sup>	Number of State and Territorial laws in effect	Number of recipients at end of year	Total payments (thousands of dollars)	Average monthly payment	YEAR <sup>1</sup>	Number of State and Territorial laws in effect	Number of recipients at end of year	Total payments (thousands of dollars)	Average monthly payment
1915.....	1	42	2	\$4.70	1932.....	16	102,894	25,048	\$20.78
1923.....	2	518	60	7.98	1933.....	17	115,549	26,167	19.25
1924.....	2	723	108	12.41	1934.....	27	235,265	32,395	14.63
1925.....	3	817	146	14.86	1935.....	32	408,502	65,002	15.57
1926.....	3	1,165	230	16.46	1936 <sup>2</sup> .....	45	1,107,649	155,484	18.79
1927.....	3	1,255	231	15.37	1937 <sup>4</sup> .....	50	1,579,353	310,792	19.46
1928.....	6	1,514	285	16.42	1938.....	51	1,779,300	392,949	19.55
1930.....	9	10,648	2,138	16.73	1939.....	51	1,912,356	431,328	19.33
1931.....	16	76,863	16,252	19.01					

<sup>1</sup> From 1915 to 1922 only Alaska was administering old-age assistance. No data available for 1929.

<sup>2</sup> At close of year 42 States were administering old-age assistance under plans approved by the Social Security Board. Figures include estimates for Alaska, Arizona, and Nevada, administering old-age assistance under State laws.

<sup>3</sup> Average payment per recipient for December.

<sup>4</sup> At close of year, all States and Territories except Virginia were administering old-age assistance under plans approved by the Social Security Board.

Sources: 1915-35, Dept. of Labor, Bur. of Labor Statistics; Monthly Labor Review, October 1936. 1936-39, Federal Security Agency, Social Security Board, Bur. of Research and Statistics; official reports.

No. 414.—AMOUNT OF PUBLIC ASSISTANCE AND EARNINGS OF PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS IN CONTINENTAL UNITED STATES, BY STATES: JUNE 1940

NOTE.—In thousands of dollars. See headnote and footnotes, table 411

STATE	Total	OBLIGATIONS INCURRED FOR—				Subsistence payments certified by the Farm Security Administration	EARNINGS OF PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS				
		Special types of public assistance			General relief		Civilian Conservation Corps	National Youth Administration		Work Projects Administration	Other Federal work and construction projects
		Old-age assistance	Aid to dependent children	Aid to the blind				Student work program	Out-of-school work program		
<b>Total</b> .....	266,473	39,616	10,997	1,813	32,408	1,516	15,872	2,314	5,579	100,638	45,720
Alabama.....	3,845	187	84	5	24	81	460	15	147	1,842	1,000
Arizona.....	1,216	228	82	10	50	62	169	13	13	381	208
Arkansas.....	2,399	140	56	7	23	17	518	6	84	1,307	230
California.....	18,956	6,382	707	344	3,186	204	494	189	177	5,256	3,068
Colorado.....	3,630	1,889	170	19	228	65	151	24	28	1,116	429
Connecticut.....	2,917	461	170	6	540	( <sup>1</sup> )	102	25	53	957	701
Delaware.....	360	30	17	-----	25	1	24	4	11	153	96
Dist. of Columbia.....	3,015	86	35	5	53	-----	46	18	25	754	1,095
Florida.....	3,082	423	83	30	58	15	247	26	84	1,353	764
Georgia.....	3,889	226	78	11	42	25	503	28	173	1,082	620
I Idaho.....	968	196	83	6	32	25	60	9	34	416	100
Illinois.....	18,954	2,898	2 168	2 205	3,650	10	765	175	243	8,306	2,532
Indiana.....	6,069	1,193	489	57	549	3	324	44	123	2,658	628
Iowa.....	3,574	1,153	2 122	35	490	4	176	61	91	1,133	363
Kansas.....	2,769	530	190	27	308	41	225	26	68	1,121	369
Kentucky.....	3,687	428	1 8	-----	1 43	19	378	17	153	1,710	934
Louisiana.....	3,327	379	310	16	141	12	358	18	173	1,274	846
Maine.....	1,571	300	59	28	245	5	100	15	60	321	436
Maryland.....	2,725	327	228	14	178	5	144	24	61	885	868
Massachusetts.....	12,720	2,445	707	27	1,771	( <sup>2</sup> )	451	75	100	4,407	2,675
Michigan.....	8,349	1,239	717	19	1,084	13	495	118	171	3,015	578
Minnesota.....	5,671	1,351	305	25	795	20	416	68	155	2,132	404
Mississippi.....	2,509	179	1 1	6	9	25	360	23	99	1,188	620
Missouri.....	7,659	1,481	264	2 91	277	123	644	73	162	3,809	744
Montana.....	1,673	220	66	4	83	94	123	6	27	3,598	452
Nebraska.....	2,744	459	149	14	133	34	175	32	61	1,207	481
Nevada.....	357	60	2	( <sup>3</sup> )	16	1	15	1	6	89	167
New Hampshire.....	1,468	124	30	7	159	1	35	6	29	355	711
New Jersey.....	9,123	645	346	17	1,107	3	431	79	173	3,609	2,713
New Mexico.....	1,211	65	48	4	18	115	129	11	45	508	200
New York.....	28,261	3,035	1,025	73	8,513	10	990	313	645	9,378	3,680
North Carolina.....	3,497	362	156	20	33	36	404	38	127	1,721	592
North Dakota.....	1,240	148	74	4	92	85	190	21	30	615	122
Ohio.....	14,381	2,863	383	78	1,360	6	730	110	200	7,480	1,176
Oklahoma.....	4,506	1,289	269	34	1 54	75	508	47	112	1,685	844
Oregon.....	2,129	410	78	11	155	10	119	16	20	852	457
Pennsylvania.....	23,085	2,166	1,368	392	4,773	12	990	171	393	9,275	4,444
Rhode Island.....	1,035	132	55	1	285	( <sup>1</sup> )	13	16	33	634	795
South Carolina.....	3,034	163	49	9	20	12	346	33	96	1,444	863
South Dakota.....	1,404	291	32	4	89	94	162	12	33	541	145
Tennessee.....	4,049	406	201	18	1 22	7	430	27	88	1,608	1,183
Texas.....	7,685	1,221	1	-----	103	100	1,053	111	400	3,488	1,208
Utah.....	1,381	289	120	5	112	16	62	24	20	558	168
Vermont.....	489	87	19	4	56	3	25	9	13	198	76
Virginia.....	3,848	171	61	13	83	2	361	42	133	1,095	1,896
Washington.....	5,373	838	156	32	154	27	227	25	68	1,562	2,256
West Virginia.....	2,932	247	178	14	184	7	269	26	115	1,638	253
Wisconsin.....	5,795	1,155	468	47	966	17	349	85	148	2,323	237
Wyoming.....	592	81	24	4	25	20	37	6	10	160	226

<sup>1</sup> Includes less than \$500 not distributed by States.

<sup>2</sup> Estimated.

<sup>3</sup> Less than \$500.

Source: Federal Security Agency, Social Security Board, Bureau of Research and Statistics; figures are published currently in Social Security Bulletin.

No. 415.—RECIPIENTS OF PUBLIC ASSISTANCE AND PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS IN CONTINENTAL UNITED STATES, BY STATES: JUNE 1940

NOTE.—See headnote and footnotes, table 412

STATE	RECIPIENTS OF SPECIAL TYPES OF PUBLIC ASSISTANCE				Cases receiving general relief	Cases for which sub-sistence payments were certified by the Farm Security Administration	PERSONS EMPLOYED UNDER FEDERAL WORK PROGRAMS				
	Old-age assistance	Aid to dependent children		Aid to the blind			Civilian Conservation Corps	National Youth Administration		Work Projects Administration	Other Federal work and construction projects
		Families	Children					Student work program	Out-of-school work program		
Total.....	1,969,656	346,289	831,059	71,870	1,373,187	60,310	239,573	313,367	266,195	1,734,497	1,982,621
Alabama.....	19,040	5,914	17,134	600	2,498	1,262	6,050	1,903	6,196	34,523	9,889
Arizona.....	8,136	2,544	7,058	366	3,614	4,234	2,547	1,855	6,705	5,740	1,738
Arkansas.....	19,755	4,654	12,147	812	4,149	7,709	7,823	1,043	4,170	20,941	2,946
California.....	141,792	15,519	37,723	7,161	112,322	8,383	7,455	16,124	9,522	75,571	23,414
Colorado.....	41,152	5,960	14,506	640	14,133	3,001	2,282	2,564	1,425	17,234	3,684
Connecticut.....	17,148	1,400	3,300	246	19,053	2	1,545	3,666	2,471	16,724	6,503
Delaware.....	2,086	513	1,387	---	1,259	34	858	547	649	2,736	970
District of Columbia.....	3,353	932	2,757	210	2,131	---	688	1,682	10,799	10,799	13,073
Florida.....	35,222	3,783	9,641	2,351	9,820	548	3,730	3,665	5,926	25,379	8,852
Georgia.....	28,243	3,815	9,700	1,111	6,744	1,127	7,600	3,398	8,863	35,388	7,942
Idaho.....	8,943	2,804	7,109	273	2,156	770	904	808	1,406	7,237	1,079
Illinois.....	138,291	7,500	17,000	7,700	148,035	469	11,545	24,434	14,805	135,737	17,218
Indiana.....	66,255	17,365	35,736	2,439	41,635	133	4,886	4,611	6,906	47,345	5,382
Iowa.....	55,109	3,000	7,000	1,460	28,789	141	2,651	7,307	4,989	19,093	4,197
Kansas.....	27,147	6,416	14,857	1,273	19,726	2,469	3,399	3,855	5,425	20,374	3,400
Kentucky.....	48,734	2,900	3,905	---	5,700	238	5,704	1,468	6,029	34,463	8,554
Louisiana.....	31,882	13,081	36,575	1,067	9,677	628	5,398	1,815	6,650	24,783	6,464
Maine.....	13,909	1,527	3,807	1,233	9,224	184	1,516	2,065	2,098	6,246	4,470
Maryland.....	18,510	7,326	19,739	683	8,462	210	2,167	3,138	3,988	15,290	6,407
Massachusetts.....	85,186	12,074	30,486	1,183	68,133	17	6,801	11,789	6,978	65,910	20,679
Michigan.....	73,802	18,639	45,797	833	53,970	450	7,473	15,577	7,965	67,155	5,693
Minnesota.....	62,008	8,804	21,220	935	35,948	983	6,286	10,148	6,555	35,674	3,861
Mississippi.....	21,610	1,104	1,162	780	1,166	1,103	5,439	3,262	5,832	25,758	8,449
Missouri.....	92,032	11,076	26,519	3,655	23,633	1,910	9,718	9,568	9,360	64,411	9,131
Montana.....	12,175	2,370	5,741	195	4,931	3,790	1,862	630	1,420	8,736	3,630
Nebraska.....	27,784	5,428	12,094	688	10,501	2,115	2,639	4,646	2,927	20,196	5,544
Nevada.....	2,272	99	239	14	869	22	233	143	327	1,470	1,173
New Hampshire.....	5,785	673	1,727	321	6,872	41	527	566	1,508	6,234	4,925
New Jersey.....	31,145	11,174	25,037	720	48,138	102	6,505	11,707	6,737	68,511	21,508
New Mexico.....	4,483	1,888	5,486	233	2,152	5,873	1,947	1,771	2,162	9,024	2,032
New York.....	118,750	36,055	71,210	2,847	240,870	349	14,938	42,854	24,932	145,146	27,394
North Carolina.....	35,694	9,362	23,291	1,947	5,465	399	6,093	4,904	6,658	37,460	7,398
North Dakota.....	8,822	2,368	6,575	181	5,080	1,943	2,867	2,373	2,467	9,508	1,361
Ohio.....	122,885	9,934	27,731	3,964	80,345	292	11,018	17,090	10,969	118,994	10,942
Oklahoma.....	72,750	18,557	42,023	2,228	21,400	2,706	9,028	5,517	5,326	37,843	3,805
Oregon.....	10,173	1,980	4,674	452	9,491	279	1,801	1,610	1,185	12,658	3,640
Pennsylvania.....	98,218	35,049	86,630	12,982	183,601	445	14,942	20,071	20,477	158,605	35,877
Rhode Island.....	6,772	1,210	3,270	65	10,500	10	195	2,039	1,630	10,052	5,552
South Carolina.....	19,796	2,904	8,943	794	2,185	413	5,218	5,435	4,394	28,698	8,938
South Dakota.....	14,752	1,922	4,243	238	5,319	5,470	2,444	1,225	1,970	9,463	1,790
Tennessee.....	40,303	14,187	36,041	1,607	2,300	118	6,487	2,461	5,600	33,600	10,487
Texas.....	118,880	91	230	---	12,523	3,888	15,889	14,957	15,157	73,246	13,656
Utah.....	13,639	3,392	8,389	202	5,445	583	939	2,346	1,359	8,702	1,442
Vermont.....	5,442	569	1,652	153	2,488	44	374	1,128	746	3,833	774
Virginia.....	17,438	2,875	9,376	1,023	7,460	30	5,456	6,325	6,209	26,259	17,111
Washington.....	39,192	4,979	11,813	1,037	11,051	761	3,419	1,891	3,502	23,557	13,687
West Virginia.....	17,816	7,809	21,526	807	15,820	106	4,067	3,572	5,743	30,011	2,617
Wisconsin.....	51,645	12,303	28,128	2,003	45,800	825	5,262	11,956	5,513	38,713	2,130
Wyoming.....	3,403	747	1,846	148	1,398	713	558	808	618	2,577	2,091

1 Includes 4 persons not distributed by States.

2 Estimated.

Source: Federal Security Agency, Social Security Board, Bureau of Research and Statistics; figures are published currently in Social Security Bulletin.

No. 416.—GENERAL RELIEF, BY STATES: JUNE 1938, 1939, AND 1940

NOTE.—Based on reports from State agencies, corrected to July 25, 1940

STATE	NUMBER OF CASES RECEIVING RELIEF			AMOUNT OF OBLIGATIONS INCURRED FOR RELIEF (THOUSANDS OF DOLLARS) <sup>1</sup>			AVERAGE AMOUNT OF RELIEF PER CASE		
	1938	1939	1940	1938	1939	1940	1938	1939	1940
Total <sup>2</sup> .....	1,647,868	1,567,977	1,372,651	36,747	37,052	32,394	\$22.30	\$23.63	\$23.90
Alabama.....	2,464	2,019	2,498	23	18	24	9.27	9.11	9.68
Arizona.....	2,857	2,888	3,614	41	36	50	14.19	12.54	13.87
Arkansas.....	4,171	3,866	4,149	25	18	23	5.89	4.75	5.58
California.....	102,426	123,127	<sup>3</sup> 112,322	2,889	3,101	<sup>3</sup> 3,186	28.21	25.19	28.37
Colorado.....	<sup>4</sup> 10,900	11,964	14,133	<sup>4</sup> 153	166	220	-----	13.84	16.23
Connecticut.....	24,504	20,699	19,053	588	540	540	24.01	26.09	28.36
Delaware.....	2,013	1,452	1,269	38	27	25	18.69	18.73	19.77
District of Columbia.....	2,232	1,564	2,131	59	40	53	28.26	25.76	24.65
Florida.....	9,395	8,070	9,820	56	57	58	5.93	5.01	5.91
Georgia.....	7,283	5,933	6,744	43	33	42	5.94	5.51	6.22
Idaho.....	<sup>4</sup> 2,700	<sup>4</sup> 2,100	2,166	<sup>4</sup> 38	<sup>4</sup> 27	32	-----	-----	14.89
Illinois.....	167,169	186,684	148,035	3,262	4,117	3,660	19.51	22.06	24.06
Indiana.....	56,036	45,933	41,620	659	552	549	11.76	12.02	13.19
Iowa.....	27,497	27,202	28,789	429	438	490	15.61	16.09	17.03
Kansas.....	14,789	18,633	19,726	181	230	308	12.26	12.36	15.61
Kentucky <sup>4</sup> .....	6,000	5,100	5,600	45	42	43	-----	-----	-----
Louisiana.....	7,333	7,829	9,677	100	101	141	13.59	12.89	14.62
Maine.....	11,538	10,131	9,924	233	206	245	20.18	20.39	24.67
Maryland.....	8,190	7,559	8,458	181	168	178	22.14	22.30	21.04
Massachusetts.....	71,334	63,172	68,133	1,930	1,659	1,771	27.06	26.27	26.00
Michigan.....	113,640	61,874	53,976	2,370	1,258	1,084	20.94	20.33	20.07
Minnesota.....	35,167	37,787	35,948	836	918	795	23.76	24.29	22.11
Mississippi.....	946	1,013	1,166	<sup>4</sup>	<sup>4</sup>	9	4.06	3.92	7.53
Missouri.....	41,414	36,650	23,633	350	409	277	8.67	11.15	11.71
Montana.....	7,382	5,161	4,931	114	62	83	15.41	11.92	16.90
Nebraska.....	6,351	8,416	10,501	83	98	133	13.06	11.71	12.67
Nevada.....	647	553	869	9	8	16	14.05	14.67	18.27
New Hampshire.....	8,713	7,559	<sup>4</sup> 6,900	209	174	<sup>4</sup> 152	24.05	22.98	-----
New Jersey.....	<sup>4</sup> 75,300	<sup>4</sup> 61,900	48,138	1,698	1,389	1,108	-----	-----	23.01
New Mexico.....	2,045	2,192	2,152	14	15	18	6.85	6.95	8.16
New York.....	278,505	275,179	240,870	9,703	9,817	8,513	34.84	35.68	35.34
North Carolina.....	6,683	5,032	5,465	39	38	33	5.87	6.43	6.01
North Dakota.....	5,472	4,613	5,080	86	70	92	15.67	15.16	18.19
Ohio.....	101,869	89,958	86,345	1,685	1,492	1,369	15.56	16.58	15.85
Oklahoma <sup>4</sup> .....	42,100	16,500	12,400	236	56	54	-----	-----	-----
Oregon.....	9,584	8,775	9,491	145	137	155	15.15	15.60	16.34
Pennsylvania.....	228,045	264,153	183,601	6,286	7,573	4,773	27.67	28.67	25.00
Rhode Island <sup>4</sup> .....	11,300	10,000	10,500	238	237	285	-----	-----	-----
South Carolina.....	3,348	2,832	2,185	45	28	20	13.37	9.72	9.11
South Dakota.....	4,177	4,072	<sup>4</sup> 5,000	54	54	<sup>4</sup> 84	13.01	13.33	-----
Tennessee <sup>4</sup> .....	3,800	4,000	3,800	22	22	22	-----	-----	-----
Texas.....	12,740	13,529	12,334	111	103	101	8.70	7.65	8.18
Utah.....	3,074	5,020	5,445	61	102	112	19.90	20.24	20.65
Vermont.....	2,876	2,669	2,488	64	60	56	22.14	22.48	22.31
Virginia.....	15,725	8,703	7,460	113	82	83	7.18	9.37	11.07
Washington.....	17,507	<sup>6</sup> 12,660	<sup>6</sup> 11,051	224	<sup>8</sup> 170	<sup>6</sup> 164	12.82	13.40	13.91
West Virginia.....	24,763	14,137	15,820	265	112	184	10.70	7.95	11.65
Wisconsin.....	42,452	44,750	45,803	720	912	967	16.95	20.37	21.10
Wyoming.....	1,412	1,465	1,398	22	26	25	15.76	17.64	17.73

<sup>1</sup> Amount of payments to cases from State and local funds. Figures for 1938 and 1939 include money payments, assistance in kind and medical care; in addition, hospitalization and burial included for 1940. Figures do not include cost of administration, of materials, equipment, and other items incident to the operation of work-relief programs, and of special programs.

<sup>2</sup> Partly estimated.

<sup>3</sup> Does not include cases receiving hospitalization and/or burial only; obligations incurred for these cases amounted to \$20,475.

<sup>4</sup> Estimated.

<sup>5</sup> Does not include cases receiving medical care only; obligations incurred for these cases amounted to \$6,994.

<sup>6</sup> Does not include cases receiving medical care, hospitalization and/or burial only; obligations incurred for these cases amounted to \$40,274.

Source: Federal Security Agency, Social Security Board, Bureau of Research and Statistics; figures are published currently in Social Security Bulletin.

NO. 417.—FEDERAL GRANTS TO STATES AND TERRITORIES—ADVANCES CERTIFIED BY SOCIAL SECURITY BOARD TO SECRETARY OF TREASURY FOR PUBLIC ASSISTANCE AND FOR ADMINISTRATION OF UNEMPLOYMENT COMPENSATION LAWS AND STATE EMPLOYMENT SERVICES: FISCAL YEAR 1939-40

NOTE.—Advances are certified by the Social Security Board to the Secretary of the Treasury for a specified quarter of operation, which is not necessarily the period in which the certification is made. Revised to July 31, 1940. See general note, p. 306

STATE AND TERRITORY	Total grants	PUBLIC ASSISTANCE <sup>1</sup>				UNEMPLOYMENT COMPENSATION AND STATE EMPLOYMENT SERVICES		
		Total	Old-age assistance	Aid to dependent children	Aid to the blind	Total	Under Social Security Act	Under Wagner-Peyser Act
<b>Total.</b>	<b>\$345,029,909</b>	<b>\$283,420,478</b>	<b>\$231,078,669</b>	<b>\$46,113,458</b>	<b>\$8,228,351</b>	<b>\$61,609,431</b>	<b>\$58,331,672</b>	<b>\$3,277,759</b>
Ala.	2,134,281	1,498,484	1,021,510	434,804	32,170	645,797	589,797	65,000
Alaska	209,496	209,601	209,601	—	—	59,835	43,835	16,000
Ariz.	2,095,738	1,843,705	1,357,281	431,082	55,402	251,978	238,938	13,040
Ark.	1,374,046	1,498,422	703,795	703,795	219,290	426,224	381,304	44,920
Calif.	30,471,782	32,167,007	27,974,052	2,662,399	1,530,556	4,304,778	4,155,885	148,890
Colo.	8,614,143	8,170,367	7,226,545	837,921	105,901	443,770	416,008	27,168
Conn.	4,119,073	2,830,902	2,803,791	—	27,111	1,288,171	1,246,017	42,154
Del.	508,150	280,481	190,946	89,535	—	227,078	214,828	12,850
D. C.	1,242,898	745,987	529,937	181,473	—	496,911	496,911	—
Fla.	3,779,597	3,149,259	2,605,267	304,781	179,261	630,308	608,743	36,565
Ga.	2,659,435	1,793,018	1,262,735	460,890	69,423	866,417	788,417	78,000
Hawaii	464,500	306,160	118,174	181,800	6,107	158,410	143,410	15,000
Idaho	1,522,718	1,564,951	1,125,277	399,643	39,741	258,067	246,383	11,674
Ill.	20,755,890	17,401,180	17,401,180	—	—	3,354,710	3,170,126	184,584
Ind.	11,748,728	9,652,278	7,224,137	2,407,737	320,404	1,795,450	1,711,609	84,941
Iowa	7,696,203	7,015,022	6,800,162	204,860	200,460	680,881	610,738	69,843
Kans.	4,478,168	4,020,989	2,973,666	903,354	143,969	454,179	388,864	65,315
Ky.	3,335,003	2,612,043	2,512,043	—	—	829,960	754,440	65,511
La.	4,920,322	4,186,635	2,274,017	1,706,276	96,342	733,687	732,781	50,906
Maine	2,624,220	2,149,292	1,714,052	260,505	—	174,735	174,735	—
Md.	4,416,002	3,528,163	2,036,960	1,396,160	95,043	887,739	847,739	40,000
Mass.	10,719,671	10,489,381	14,313,614	2,011,161	164,686	3,230,290	3,126,587	103,703
Mich.	14,097,611	10,973,200	7,376,527	2,932,103	124,570	3,074,311	2,945,222	129,089
Minn.	11,295,434	10,073,596	8,697,879	1,319,260	146,050	1,221,339	1,150,352	62,487
Miss.	1,379,214	981,420	950,203	—	31,217	367,794	340,111	27,683
Mo.	11,869,101	10,329,884	9,075,672	1,254,212	—	1,630,217	1,429,217	110,000
Mont.	2,016,436	1,915,346	1,382,066	339,780	23,600	271,000	256,990	14,100
Neb.	4,025,412	3,643,657	2,811,583	757,811	74,268	381,955	344,884	37,571
Nev.	636,450	372,564	—	—	—	162,886	152,886	10,000
N. H.	1,131,329	811,301	653,218	113,470	44,613	320,028	305,028	15,000
N. J.	8,220,896	5,505,960	3,832,457	1,574,192	99,311	2,723,936	2,617,936	106,000
N. Mex.	801,059	603,602	348,242	233,262	21,998	197,657	186,453	11,104
N. Y.	30,895,864	22,870,586	16,378,224	5,873,076	419,286	8,134,078	7,829,782	304,016
N. C.	4,307,899	3,220,612	2,189,633	833,203	198,070	1,086,987	1,000,725	86,262
N. Dak.	1,612,112	1,318,739	941,271	359,582	17,886	193,373	176,588	16,515
Ohio	22,432,810	10,591,672	17,098,026	2,009,652	493,395	2,840,838	2,659,408	181,432
Okl.	9,055,040	9,267,401	7,842,041	1,218,531	206,820	687,639	628,647	58,990
Oreg.	3,802,553	3,138,979	2,725,605	342,014	71,360	663,574	638,558	25,016
Pa.	24,310,413	18,022,940	12,365,323	5,657,620	—	6,287,464	6,015,567	271,897
R. I.	1,711,878	1,046,556	816,619	224,467	5,470	665,322	647,291	18,031
S. C.	2,089,573	1,519,370	1,119,207	339,005	61,158	570,203	528,085	42,118
S. Dak.	1,816,284	1,666,123	1,640,853	—	25,270	150,161	133,222	16,939
Tenn.	4,749,152	3,875,077	2,491,194	1,271,530	112,353	874,075	828,308	75,677
Tex.	10,153,025	7,904,213	7,904,213	—	—	2,249,412	2,061,009	187,803
Utah	2,680,299	2,391,894	1,822,942	535,294	33,658	294,405	282,104	12,301
Vt.	838,167	633,061	525,858	86,782	21,321	204,206	194,206	10,000
Va.	2,139,120	1,267,053	932,853	249,611	84,589	372,067	311,797	60,270
Wash.	7,275,811	6,400,212	5,386,761	840,605	181,846	866,099	825,093	41,006
W. Va.	3,188,087	2,278,308	1,368,432	821,317	88,559	910,379	865,379	45,000
Wis.	9,928,072	8,870,727	6,769,919	1,801,519	299,289	1,057,345	980,257	77,088
Wyo.	795,005	622,270	478,783	122,884	25,653	172,735	162,735	10,000

<sup>1</sup> These data are not comparable with those in tables 411 and 414, showing the amount of obligations incurred for payments to recipients, which include payments from Federal, State, and local funds and exclude administrative expense.

Source: Federal Security Agency, Social Security Board, Bureau of Accounts and Audits; Annual Report.

NO. 418.—RAILROAD RETIREMENT—BENEFIT PAYMENTS CERTIFIED TO THE SECRETARY OF THE TREASURY, BY CLASS OF PAYMENT: 1936 TO 1939

NOTE.—The Railroad Retirement Act, as passed in 1935 and amended in 1937, established a Federal retirement system for railroad employees. Employers under the act include carriers—railroads, express companies, and sleeping-car companies; carrier affiliates—refrigerator-car loan companies, for example; organizations such as railroad or traffic associations maintained by 2 or more employers; and standard railway-labor organizations, national in scope. The act provides for 5 classes of retirement benefits:

- (1) Employee annuities, both disability and old age, based on an employee's years of service and average monthly compensation, exclusive of earnings above \$300, with employers under the act.
- (2) Survivor annuities, paid to the surviving spouse of a deceased employee annuitant who had elected a reduced annuity during his or her lifetime in order to provide a lifetime annuity for his or her surviving spouse.
- (3) Death-benefit annuities, paid under the 1935 act to the surviving spouse or dependent next of kin of a deceased annuitant or of a deceased employee who at the time of his or her death was entitled to receive an annuity. These annuities are equal to half the annuities paid or payable to the employee annuitants before their death, and are payable for 12 months.
- (4) Lump-sum death benefits, paid under the 1937 act to a designated beneficiary or to the deceased employee's legal representative. These benefits are equal to 4 percent of the compensation earned as an employee after Dec. 31, 1936 (excluding compensation in excess of \$500 in any 1 month), less the aggregate amount of any employee or survivor annuities that may have been paid or payable. If an employee annuitant had elected a joint and survivor annuity and his or her spouse was alive at the time of his or her death, the death benefit is not payable until after the death of the spouse.
- (5) Pensions paid under the 1937 Act to individuals who were, on both March 1 and July 1, 1937, on the pension or gratuity rolls of employers under the act and who were not eligible on July 1, 1937, for annuities based in whole or in part on service prior to Jan. 1, 1937. The pensions are equal in amount to the individual pensions or gratuities granted by employers, but cannot exceed \$120 per month.

The funds of the retirement system come from an equal tax on employers and employees, based on the amount of compensation, not in excess of \$300 in any 1 calendar month, earned by each employee. The changes in the tax rate are as follows: Calendar years 1937, 1938, 1939, rate 2¾ percent; 1940, 1941, 1942, rate 3 percent; 1943, 1944, 1945, rate 3¼ percent; 1946, 1947, 1948, rate 3½ percent; 1949 and subsequent years, rate 3¾ percent. Thus the total amount of the tax available for the first 3 years of the system is 5¼ percent of total employee compensation (as defined above), and for the year 1949 and thereafter it will be 7½ percent.

CALENDAR YEAR OR MONTH	Total payments	Employee annuities	Survivor annuities	Death-benefit annuities	Lump-sum death payments	Pensions
Cumulative through December 1939.....	\$250,280,614	\$167,796,344	\$1,623,169	\$1,669,318	\$2,206,611	\$76,692,172
1936.....	685,118	672,878	11,492	748	-----	-----
1937.....	40,771,704	21,200,629	155,364	298,160	-----	19,117,555
1938.....	98,456,679	66,351,376	614,524	767,562	311,840	30,381,387
1939.....	110,367,113	79,541,461	841,789	602,862	1,397,771	27,465,230
January.....	8,973,209	6,330,103	69,578	57,248	118,494	2,407,786
February.....	9,159,325	6,476,105	62,570	66,012	182,597	2,382,041
March.....	8,991,519	6,279,671	71,061	34,090	261,416	2,345,251
April.....	9,130,100	6,478,516	63,843	61,862	196,823	2,329,056
May.....	9,181,704	6,588,327	68,081	55,010	164,804	2,305,482
June.....	9,090,012	6,519,621	80,905	66,895	138,287	2,285,144
July.....	9,187,050	6,658,239	66,782	58,005	130,439	2,270,585
August.....	9,147,606	6,644,107	72,709	42,006	138,400	2,249,394
September.....	9,210,961	6,857,178	72,701	48,779	124,033	2,308,270
October.....	9,487,099	6,958,105	71,317	37,345	197,969	2,222,243
November.....	9,344,390	6,897,162	75,417	46,786	125,179	2,169,846
December.....	9,463,238	7,054,237	73,765	37,834	119,300	2,178,102

<sup>1</sup> Total benefit payments on basis of vouchers certified to the Secretary of the Treasury are \$8.8 million more than total on basis of checks drawn by disbursing officer. Amounts are certified to the Secretary of the Treasury, and encumbered on books of the Railroad Retirement Board in latter part of month, but checks are not drawn by disbursing officer until first of following month.

<sup>2</sup> Includes payments, for 3 months before Oct. 1, 1937, of \$1,183,542 to temporary pensioners who were eligible for employee annuities.

Source: Railroad Retirement Board, annual report. Figures are published currently in The Monthly Review.

No. 419.—RAILROAD RETIREMENT—ANNUITIES AND PENSIONS—NUMBER OF CERTIFICATIONS AND TERMINATIONS BY DEATH, AND NUMBER IN FORCE AT END OF PERIOD: 1936 TO 1939

NOTE.—Figures are based on month in which annuity or pension was first certified or terminated upon notice of death rather than on month in which annuity or pension began to accrue or beneficiary died. Negative figures result from corrections for previously certified claims declared ineligible. See headnote, table 418

CALENDAR YEAR OR MONTH	CERTIFICATIONS					TERMINATIONS BY DEATH		
	Total	Em- ployee annu- ities	Pen- sions	Surviv- or an- nuities	Death- benefit annu- ities <sup>1</sup>	Total	Em- ployee annu- ities	Pen- sions
Cumulative through Decem- ber 1939.....	186,980	112,316	48,517	2,139	4,008	27,797	13,479	10,928
1936.....	1,762	1,752	0	5	5	18	18	0
1937.....	87,184	37,720	48,276	351	837	3,172	1,043	1,865
1938.....	49,797	46,702	212	1,042	1,751	11,680	5,402	4,629
1939.....	28,237	26,052	26	741	1,415	12,927	7,016	4,434
January.....	2,679	2,498	7	62	112	1,168	645	403
February.....	2,870	2,716	-1	55	100	1,172	642	423
March.....	2,928	2,638	0	101	189	1,241	648	450
April.....	2,544	2,327	5	76	136	1,207	661	416
May.....	2,417	2,210	1	65	141	1,097	578	384
June.....	2,211	2,000	4	73	134	1,048	565	360
July.....	2,006	1,827	2	58	119	981	534	317
August.....	1,992	1,858	5	45	84	1,093	591	376
September.....	1,971	1,753	4	70	144	786	436	242
October.....	2,161	2,061	2	33	65	1,025	576	347
November.....	2,313	2,142	-1	58	114	1,080	585	368
December.....	2,145	2,022	1	45	77	1,029	565	358

CALENDAR YEAR OR MONTH	TERMINATIONS BY DEATH—Continued		IN FORCE AT END OF PERIOD <sup>2</sup>				
	Survivor annuities	Death- benefit annu- ities <sup>1</sup>	Total	Em- ployee annu- ities	Pensions	Survivor annuities	Death- benefit annu- ities <sup>1</sup>
Cumulative through Decem- ber 1939.....	73	3,317	138,808	98,539	37,514	2,064	691
1936.....	0	0	1,742	1,732	0	5	5
1937.....	2	261	85,644	38,387	46,326	353	578
1938.....	22	1,627	123,556	79,550	41,931	1,372	703
1939.....	48	1,429	138,808	98,539	37,514	2,064	691
January.....	1	119	125,053	81,398	41,527	1,432	696
February.....	5	102	126,742	83,473	41,092	1,432	695
March.....	3	140	128,403	85,431	40,050	1,580	742
April.....	5	135	129,747	87,100	40,250	1,652	745
May.....	5	130	131,033	88,706	39,859	1,712	756
June.....	2	121	132,216	90,162	39,500	1,783	771
July.....	5	125	133,255	91,471	39,134	1,836	764
August.....	6	120	134,119	92,697	38,820	1,875	727
September.....	5	103	135,313	94,031	38,575	1,939	798
October.....	3	99	136,383	95,460	38,223	1,970	735
November.....	5	132	137,622	97,009	37,872	2,024	717
December.....	3	103	138,808	98,539	37,514	2,064	691

<sup>1</sup> In a few cases payments are made to more than 1 survivor on account of the death of a single individual. Such payments are here counted as single items. Terminations include those by death and by expiration of 12-month period for which death-benefit annuities are payable. Practically all terminations are of the latter type.

<sup>2</sup> Obtained, after adjustments, by adding the difference between certifications and terminations to number in force at end of preceding period. Adjustments include suspensions, returns to service, commuted lump-sum payments, and reinstatements of suspended payments.

Source: Railroad Retirement Board, annual report. Figures are published currently in 'The Monthly Review.'



## No. 420.—RAILROAD RETIREMENT—EMPLOYEE ANNUITIES, BY CLASS OF EMPLOYER AND OCCUPATIONAL GROUP, AND BY TYPE OF ANNUITY, CERTIFIED THROUGH JUNE 1939

NOTE.—See headnote, table 418

CLASS OF EMPLOYER AND OCCUPATIONAL GROUP <sup>1</sup>	TOTAL ANNUITIES		TOTAL EMPLOYEES WITH CREDITED WAGES 1938		AGE ANNUITIES	
	Number	Percent	Number	Percent	65 and over	
					Number	Percent
Total.....	100, 653	100.0	1, 537, 904	100.0	79, 712	100.0
Class I railroads, total.....	91, 875	91.8	1, 325, 973	86.2	72, 573	91.9
Executive, professional and supervisory.....	8, 280	8.2	77, 200	5.0	6, 463	8.1
Foremen.....	6, 292	6.3	44, 736	2.9	5, 000	6.3
Clerical.....	4, 585	4.9	118, 400	7.7	3, 723	4.7
Maintenance of way and structures, skilled.....	2, 582	2.6	29, 465	1.9	2, 092	2.6
Track labor.....	7, 310	7.3	275, 445	17.9	6, 036	7.6
Maintenance of equipment, skilled.....	15, 654	15.5	137, 910	9.0	12, 381	15.6
Maintenance of equipment, unskilled.....	5, 913	5.3	72, 465	4.7	4, 535	5.7
Helpers and apprentices.....	5, 402	5.4	95, 807	6.2	4, 496	5.6
Station agents and telegraphers.....	2, 320	2.3	49, 238	3.2	1, 686	2.1
Station and platform laborers.....	3, 016	3.0	65, 091	4.4	2, 599	3.3
Train and engine service, engineers and conductors.....	15, 181	15.0	84, 305	5.5	11, 371	14.3
Train and engine service, firemen, brakemen, switchmen, and hostlers.....	7, 878	7.8	169, 966	11.1	5, 431	6.8
Other occupations.....	7, 661	7.6	85, 079	5.7	6, 684	8.4
Unknown occupations.....	92	.1	14, 806	1.0	76	.1
Class II and III railroads.....	1, 594	1.6	25, 895	1.7	1, 235	1.5
Class I switching and terminal companies.....	2, 300	2.3	37, 457	2.4	1, 917	2.4
Other switching and terminal companies.....	833	.8	22, 249	1.4	714	.9
Electric railroads.....	765	.8	15, 188	1.0	644	.8
Express companies.....	1, 045	1.6	61, 573	4.0	1, 341	1.7
Pullman Company.....	802	.8	25, 955	1.7	631	.8
Car-loan companies.....	181	.2	12, 096	.8	156	.2
Railroads in Alaska and Hawaii.....	43	( <sup>2</sup> )	1, 720	.1	39	( <sup>2</sup> )
Railway associations.....	215	.2			188	.2
National labor organizations.....	181	.2			113	.1
Employee representatives.....			9, 798	.6		
Miscellaneous employers.....	218	.2			171	.2

CLASS OF EMPLOYER AND OCCUPATIONAL GROUP <sup>1</sup>	AGE ANNUITIES—CON.		DISABILITY ANNUITIES			
	Under 65		30 years of service		Less than 30 years of service	
	Number	Percent	Number	Percent	Number	Percent
Total.....	3, 810	100.0	12, 974	100.0	4, 157	100.0
Class I railroads, total.....	3, 439	90.2	12, 100	93.2	3, 793	90.5
Executive, professional and supervisory.....	419	11.0	1, 321	10.2	77	1.9
Foremen.....	319	8.4	841	6.5	132	3.2
Clerical.....	262	6.9	737	5.7	163	3.9
Maintenance of way and structures, skilled.....	88	2.3	250	1.9	152	3.7
Track labor.....	189	4.2	528	4.1	587	14.1
Maintenance of equipment, skilled.....	721	18.8	1, 722	13.3	830	19.0
Maintenance of equipment, unskilled.....	112	2.9	310	2.4	350	8.4
Helpers and apprentices.....	152	4.0	391	3.0	363	8.7
Station agents and telegraphers.....	127	3.3	473	3.6	43	1.0
Station and platform laborers.....	63	1.7	189	1.5	165	4.0
Train and engine service, engineers and conductors.....	485	12.7	3, 119	23.9	206	5.0
Train and engine service, firemen, brakemen, switchmen, and hostlers.....	358	9.4	1, 726	13.3	363	8.7
Other occupations.....	179	4.5	475	3.7	332	8.0
Unknown occupations.....	4	.1	12	.1		
Class II and III railroads.....	96	2.5	216	1.7	57	1.4
Class I switching and terminal companies.....	70	1.8	208	1.6	105	2.5
Other switching and terminal companies.....	27	.7	60	.5	32	.8
Electric railroads.....	35	1.0	42	.3	41	1.0
Express companies.....	65	1.7	166	1.3	74	1.8
Pullman Company.....	20	.5	91	.7	60	1.4
Car-loan companies.....	6	.2	7	.1	12	.3
Railroads in Alaska and Hawaii.....	2	.1	2	( <sup>2</sup> )		
Railway associations.....	8	.2	13	.1	6	.1
National labor organizations.....	10	.3	54	.4	4	.1
Employee representatives.....						
Miscellaneous employers.....	29	.8	15	.1	3	.1

<sup>1</sup> The last railroad occupation has been used in each case.<sup>2</sup> Less than 0.1 percent.

Source: Railroad Retirement Board, annual report. Figures are published currently in The Monthly Review.

No. 421.—RAILROAD RETIREMENT—ANNUITIES AND PENSIONS IN FORCE  
JUNE 30, 1939, AND LUMP-SUM DEATH BENEFITS CERTIFIED THROUGH  
JUNE 30, 1939, BY STATES

NOTE.—Data are subject to revision upon verification of additional service and compensation. See head-note, table 418

STATE <sup>1</sup>	TOTAL		EMPLOYEE ANNUITIES		PENSIONS		SURVIVOR AND DEATH BENEFIT ANNUITIES		LUMP-SUM DEATH BENEFITS	
	Number	Monthly amount payable	Number	Monthly amount payable	Number	Monthly amount payable	Number	Monthly amount payable	Number	Total amount
Total.....	132,239	\$8,290,476	90,185	\$5,896,101	39,500	\$2,305,771	<sup>2</sup> 2,554	<sup>2</sup> \$88,604	16,025	\$1,357,751
Alabama.....	1,550	88,288	1,288	77,535	217	9,363	45	1,390	244	19,977
Arizona.....	333	22,192	230	17,053	100	5,016	3	123	54	4,284
Arkansas.....	1,137	68,820	860	55,508	244	12,201	33	1,111	165	14,268
California.....	6,855	442,215	3,901	273,252	2,845	165,030	109	3,033	743	65,686
Colorado.....	1,622	104,240	1,058	72,745	539	30,602	25	803	191	17,204
Connecticut.....	969	61,277	587	38,656	358	21,838	24	783	129	12,432
Delaware.....	622	43,522	332	24,135	288	19,328	2	59	56	3,581
Dist. of Col.....	421	28,462	284	20,130	129	7,960	8	372	87	7,512
Florida.....	1,549	108,032	943	68,660	584	38,453	22	919	187	14,311
Georgia.....	1,608	99,363	1,260	81,654	299	16,122	49	1,587	398	31,410
Idaho.....	351	21,496	221	14,290	104	6,966	6	220	36	2,892
Illinois.....	9,698	597,821	6,877	443,819	2,533	145,484	238	8,518	1,389	123,384
Indiana.....	5,444	336,030	3,848	244,523	1,480	87,430	116	4,077	589	47,455
Iowa.....	3,784	235,919	2,800	179,870	899	53,123	85	2,926	318	26,338
Kansas.....	2,965	175,534	2,026	129,074	879	44,424	60	2,086	298	26,707
Kentucky.....	2,651	147,511	2,024	116,548	567	29,178	60	1,785	354	29,890
Louisiana.....	1,051	61,425	753	40,111	275	14,489	23	825	175	13,456
Maine.....	977	52,774	659	39,521	286	12,184	32	1,069	85	8,045
Maryland.....	2,639	169,089	1,629	109,804	978	58,321	32	961	320	25,553
Massachusetts.....	3,104	192,111	2,117	138,121	921	51,626	66	2,364	364	32,212
Michigan.....	3,464	216,064	2,328	150,950	1,058	62,287	78	2,827	426	37,151
Minnesota.....	4,002	241,137	2,699	168,465	1,226	69,875	77	<sup>3</sup> 2,797	356	34,290
Mississippi.....	1,041	57,373	730	43,542	295	13,905	16	526	133	9,920
Missouri.....	4,461	274,612	3,175	205,148	1,183	66,124	93	3,340	514	44,973
Montana.....	728	45,873	584	30,856	131	8,568	13	454	85	8,083
Nebraska.....	1,554	97,525	892	58,910	631	37,499	31	1,116	193	15,475
Nevada.....	137	8,452	103	6,762	30	1,552	4	143	19	1,549
New Hampshire.....	703	41,753	530	34,233	146	6,825	21	695	35	3,192
New Jersey.....	4,789	321,049	3,102	213,575	1,620	104,909	67	2,655	604	52,934
New Mexico.....	416	21,653	257	15,466	152	5,932	7	255	40	2,629
New York.....	10,262	643,811	6,809	446,866	3,251	190,293	202	6,652	1,436	122,675
North Carolina.....	1,125	69,089	809	58,423	103	8,845	51	1,801	215	17,696
North Dakota.....	435	24,676	305	17,946	121	6,515	9	<sup>3</sup> 214	62	6,382
Ohio.....	8,952	574,134	6,059	402,656	2,765	166,789	138	4,739	1,023	86,254
Oklahoma.....	894	53,386	686	44,241	190	8,560	18	635	121	10,049
Oregon.....	1,118	69,750	715	48,019	386	21,228	17	503	106	9,332
Pennsylvania.....	19,214	1,287,616	12,390	854,306	6,577	424,306	247	9,004	1,729	139,318
Rhode Island.....	398	24,132	228	14,412	154	9,079	16	641	38	2,045
South Carolina.....	633	36,891	549	32,797	62	3,359	22	735	103	7,788
South Dakota.....	372	20,998	297	17,359	67	3,380	8	259	43	3,359
Tennessee.....	2,386	136,445	1,906	115,694	399	18,221	81	2,620	319	24,872
Texas.....	3,508	225,080	2,411	165,595	1,041	57,483	56	2,062	706	61,685
Utah.....	543	34,984	369	25,027	163	9,471	11	486	93	5,807
Vermont.....	470	28,235	355	22,086	104	5,203	11	346	55	5,908
Virginia.....	2,955	177,985	2,068	129,003	837	47,134	50	1,848	525	43,892
Washington.....	2,071	128,033	1,561	100,330	471	26,480	39	1,273	191	17,344
West Virginia.....	2,044	117,833	1,412	85,337	607	31,816	25	685	263	18,574
Wisconsin.....	3,233	192,200	2,435	149,221	707	40,011	91	2,968	318	26,982
Wyoming.....	239	16,279	151	10,754	84	5,361	4	164	37	4,525
Outside continental United States.....	782	47,221	470	30,618	299	16,203	13	405	82	5,611

<sup>1</sup> For annuities and pensions in force, residence at time first check was mailed. For lump-sum death benefits, residence at time check was mailed; arbitrarily chosen if divided between 2 or more beneficiaries residing in different States. This was necessary in less than one-half of 1 percent of the payments.

<sup>2</sup> Figures do not represent the number of individuals receiving these annuities. In 4 cases, death benefit annuity payments were being made to more than 1 individual and in 157 cases the same individual was receiving both a survivor annuity and a death benefit annuity.

<sup>3</sup> 1 death benefit annuity at \$16.30 payable to 4 beneficiaries was assigned to North Dakota although 1 of the beneficiaries receiving \$4.03 resided in Minnesota.

Source: Railroad Retirement Board, annual report. Figures are published currently in The Monthly Review

No. 422.—RAILROAD UNEMPLOYMENT INSURANCE—NUMBER OF APPLICATIONS FOR CERTIFICATES OF BENEFIT RIGHTS RECEIVED, CERTIFICATES OF BENEFIT RIGHTS ISSUED, CLAIMS RECEIVED, CERTIFICATES OF WAITING-PERIOD CREDIT ISSUED, NUMBER AND AMOUNT OF BENEFIT PAYMENTS CERTIFIED, AVERAGE BENEFIT PAYMENT, AND NUMBER OF ACCOUNTS OPENED AND EXHAUSTED: JULY 1939 THROUGH MAY 1940

NOTE.—The Railroad Unemployment Insurance Act, as passed in 1938 and amended in 1939, established a Federal unemployment insurance system for the same employees who are covered by the Railroad Retirement Act. (See headnote, table 418.) Under the Railroad Unemployment Insurance Act contributions first began to accrue and benefits first became payable as of July 1, 1939. Contributions amounting to 3 percent of pay rolls are collected from the employers. Ninety percent of the contributions are used to pay benefits and 10 percent to pay administrative expenses. Unemployed employees may draw benefits if they have earned at least \$150 of creditable earnings in the base year and have served a waiting period of 8 days of unemployment in a period of 15 consecutive days. After the waiting period has been served, benefits are paid for each day of unemployment in excess of 7 in a period of 15 consecutive days up to a maximum of 80 days of benefits in the period of 1 year. The daily benefit amount is related to the amount of base-year earnings.

PERIOD	Applications for certificates of benefit rights received <sup>1</sup>	Certificates of benefit rights issued <sup>2</sup>	Claims received <sup>3</sup>	Certificates of waiting-period credit issued <sup>4</sup>	BENEFIT PAYMENTS CERTIFIED <sup>5</sup>			Number of accounts opened <sup>6</sup>	Number of accounts exhausted <sup>7</sup>
					Number	Amount	Average per certification		
Cumulative through May 31, 1940.....	208,864	201,975	1,357,598	186,425	938,829	\$13,953,152	\$14.86	156,089	26,243
1939									
Period ended Aug. 4, 1939.....	83,160	78,467	129,850	51,887	26,173	385,712	14.74	-----	-----
Aug. 5—Sept. 1.....	15,444	18,720	105,502	21,537	63,606	953,890	14.98	-----	-----
Sept. 2—Sept. 29.....	9,828	9,862	111,843	14,038	86,940	1,269,397	14.60	-----	-----
Sept. 30—Oct. 27.....	8,892	9,065	84,802	8,243	62,630	933,207	14.90	-----	-----
Oct. 28—Dec. 1.....	21,265	20,052	102,059	13,795	70,875	1,087,320	15.34	81,905	610
Dec. 2—Dec. 29.....	21,136	20,189	113,786	19,857	75,130	1,137,973	15.15	14,865	2,756
1940									
Dec. 30—Feb. 2, 1940.....	18,899	18,355	181,785	22,580	134,015	2,010,070	15.04	24,054	4,253
Feb. 3—Mar. 1.....	9,117	8,791	137,954	9,660	111,800	1,690,420	15.12	12,492	3,074
Mar. 2—Mar. 29.....	6,410	6,420	140,326	8,519	115,333	1,714,152	14.86	9,009	3,641
Mar. 30—Apr. 26.....	8,167	8,131	125,366	6,612	100,687	1,471,226	14.61	5,808	5,053
Apr. 27—May 31.....	6,237	5,914	124,214	8,707	91,544	1,293,767	14.13	7,896	5,856

<sup>1</sup> An application for a certificate of benefit rights is submitted the first time an unemployed worker applies for unemployment insurance benefits, or the first time after the expiration of a benefit year.

<sup>2</sup> A certificate of benefit rights is issued to each employee who has filed an application for a certificate of benefit rights and is eligible for unemployment insurance benefits.

<sup>3</sup> A claim is prepared for each period of 15 consecutive days beginning with a day of unemployment. It contains registrations for each day of unemployment in the 15-day period and is submitted at the end of the period.

<sup>4</sup> A certificate of waiting-period credit is issued to an unemployed worker who has filed his first claim for a 15-day period with registrations for 8 or more days of unemployment.

<sup>5</sup> A benefit payment is certified after the waiting period has been served for each period of 15 successive days with 8 or more days of unemployment. The amount of the certification is the product of the daily benefit amount and the number of days of unemployment in excess of 7 in the 15-day period.

<sup>6</sup> An account is opened with the first benefit payment.

<sup>7</sup> An account is exhausted when an employee has been certified for the maximum number of days of benefits to which he is entitled in a benefit year.

<sup>8</sup> Cumulative through Dec. 1.

Sources: Railroad Retirement Board, annual report. Figures are published currently in The Monthly Review.

# 16. POSTAL SERVICE

[Postal statistics, unless otherwise noted, include data for outlying Territories and possessions except Philippine Islands and Canal Zone]

## No. 423.—UNITED STATES POSTAL SERVICE—SUMMARY: 1800 TO 1939

YEAR ENDED JUNE 30—	Number of post offices	Mileage of post routes <sup>1</sup>	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 <sup>4</sup>
			Gross revenue	Gross expenditure	Surplus (+) or deficit (-) <sup>2</sup>		Domestic <sup>3</sup>	International <sup>3</sup>		
1800	908	20,817	281	214	+67					
1810	2,300	36,406	562	496	+66					
1820	4,600	72,492	1,112	1,161	-49					
1830	8,460	115,176	1,851	1,933	-82					
1840	13,468	165,739	4,544	4,718	-175	0.27				
1850	18,417	178,672	5,500	5,213	+287	.20			2	
1860	28,498	240,594	8,518	19,171	-10,653	.27			216	
1865	20,550	142,340	14,556	13,695	+917	.42	1,360		387	
1870	28,492	231,232	18,880	23,009	-5,098	.49	34,054	7.22	463	
1875	35,547	277,873	26,791	33,611	-6,820	.61	77,431	1,965	872	
1880	42,989	343,888	33,515	36,543	-3,222	.66	100,353	3,464	886	
1885	51,252	365,251	42,651	50,046	-7,481	.76	117,869	3,840	1,455	
1890	62,401	427,990	60,882	66,200	-5,401	.97	114,363	13,230	2,220	
1895	70,064	456,026	76,983	87,180	-10,230	1.12	166,709	12,900	2,795	
1900	76,688	500,989	102,355	107,740	-5,410	1.34	238,021	16,749	3,999	
1903	74,160	506,268	134,224	138,784	-4,587	1.60	353,628	35,238	5,271	
1904	71,131	496,818	143,583	152,362	-8,813	1.74	378,778	42,550	5,331	
1905	68,131	489,805	152,827	167,399	-14,594	1.81	396,908	47,516	5,761	
1906	65,600	478,711	167,933	178,450	-10,543	1.96	444,516	63,048	6,284	
1907	62,658	463,406	183,585	190,238	-6,692	2.11	479,650	84,081	7,091	
1908	60,704	450,738	191,479	208,352	-16,910	2.15	498,700	88,972	7,651	
1909	60,144	448,618	203,562	221,004	-17,480	2.24	491,075	70,755	8,767	
1910	59,580	447,998	224,129	229,977	-5,881	2.43	547,994	99,743	9,002	
1911	59,237	435,488	237,880	237,649	+219	2.53	578,111	109,605	10,446	
1912	58,729	436,469	246,744	248,525	-1,780	2.58	588,337	97,660	9,929	
1913	58,020	436,293	266,920	262,068	+4,811	2.74	624,489	102,068	10,813	
1914	56,810	435,597	287,935	283,544	+4,370	2.91	607,231	101,963	11,112	
1915	56,380	433,334	287,248	298,546	-11,333	3.05	656,139	60,757	11,220	
1916	55,935	425,950	312,058	306,204	+5,829	3.26	719,365	46,372	11,672	
1917	55,414	454,835	329,726	319,839	+9,886	3.18	813,319	41,645	12,462	
1918 <sup>5</sup>	54,347	405,371	388,976	324,834	+64,127	3.70	904,650	35,865	13,066	
1919 <sup>5</sup>	53,084	455,408	436,289	362,498	+73,735	4.11	1,109,613	39,786	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	463,491	620,094	-157,518	4.28	1,305,370	24,399	13,870	
1922	51,950	454,901	484,864	645,044	-160,181	4.41	1,205,327	20,651	14,262	
1923	51,613	460,171	532,828	550,851	-24,065	4.78	1,376,461	34,119	15,478	
1924	51,266	467,896	572,949	587,377	-14,464	5.08	1,510,705	50,615	15,954	
1925	50,957	464,269	599,591	639,282	-39,745	5.28	1,532,567	52,650	17,387	
1926	50,001	470,779	659,820	679,704	-19,972	5.63	1,590,480	63,172	16,333	
1927	50,260	478,662	683,122	714,577	-31,506	5.76	1,647,580	68,962	16,000	
1928	49,944	487,512	693,634	725,700	-32,121	5.78	1,630,157	71,520	16,076	
1929	49,482	491,179	696,948	782,344	-85,401	5.73	1,658,448	76,113	16,917	
1930	49,063	503,918	705,484	803,667	-98,210	5.76	1,714,876	72,708	16,269	
1931	48,733	528,570	656,463	802,485	-146,066	5.29	1,559,549	62,228	15,559	
1932	48,159	537,544	688,172	793,684	-205,551	4.71	1,536,889	48,849	14,651	
1933	47,641	536,679	687,631	699,887	-12,375	4.67	1,047,421	35,116	11,917	
1934	46,506	536,751	586,733	630,733	-44,034	4.64	1,776,740	30,041	12,526	
1935	45,686	514,128	630,795	696,503	-65,808	4.94	1,820,957	30,429	13,610	
1936	45,230	517,804	665,343	753,018	-88,310	5.18	1,918,293	31,449	13,835	
1937	44,877	519,328	726,201	772,743	-46,515	5.62	2,167,002	38,070	15,100	
1938	44,067	519,490	723,694	772,308	-49,812	5.58	2,146,763	38,519	14,912	
1939	44,440	563,681	745,955	784,650	-38,692	5.69	2,047,930	29,818	15,074	

<sup>1</sup> Excluding rural free delivery routes, ocean mail routes, and air mail routes to foreign countries.

<sup>2</sup> Audited postal surplus or deficit which is greater or less than excess of receipts or expenditures by the amount of adjusted losses and contingencies.

<sup>3</sup> International includes foreign countries on domestic basis. For explanation, see headnote, table 425.

<sup>4</sup> 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.

<sup>5</sup> Postage stamps first issued under act of Mar. 3, 1847, and placed on sale at New York July 1, 1847.

<sup>6</sup> From Nov. 1, 1864, when money-order system first went into operation, to June 30, 1865.

<sup>7</sup> From Sept. 1, 1899, to June 30, 1870. International money orders first issued under convention of Oct. 12, 1847.

<sup>8</sup> Gross revenues of department for 1918 and 1919 include \$44,500,000 and \$71,262,000, respectively, war-tax revenue accruing from increased postage.

Source: Post Office Department, Annual Report of the Postmaster General.

**NO. 424.—POSTAL SERVICE REVENUES, BY SOURCE: YEARS ENDED JUNE 30, 1910 TO 1939**

[All figures in thousands of dollars]

ITEM	1910	1915	1920	1925	1930	1935	1938	1939
<b>Total</b> .....	224, 129	287, 248	437, 150	599, 591	705, 484	630, 795	728, 634	745, 955
Ordinary postal revenue.....	219, 339	279, 460	424, 406	585, 333	686, 426	598, 358	694, 193	709, 461
Stamps, postal cards, etc. <sup>1</sup> .....	202, 065	256, 037	379, 587	507, 572	574, 851	473, 407	515, 118	514, 869
Second-class postage paid in money (pound rates) <sup>1</sup> .....	8, 174	10, 468	25, 100	29, 619	28, 584	18, 431	22, 437	21, 331
Other postage paid in money under permit.....	4, 418	7, 527	12, 980	39, 301	73, 545	96, 206	146, 075	161, 955
Box rents.....	4, 139	4, 981	6, 145	7, 817	8, 539	6, 599	7, 459	7, 686
Miscellaneous.....	542	448	614	1, 024	907	3, 718	3, 105	3, 121
Money-order revenues.....	4, 790	7, 175	10, 314	12, 909	17, 496	20, 424	23, 308	23, 460
Revenue from postal savings.....		612	2, 430	1, 349	1, 562	12, 013	11, 133	13, 034

<sup>1</sup> For volume of this item, see table 429.

**NO. 425.—POSTAL MONEY-ORDER BUSINESS—SUMMARY: YEARS ENDED JUNE 30, 1910 TO 1939**

NOTE.—For revenues from money orders, see table 424. For value of orders issued for other years, see table 423. Money orders are exchanged on a domestic basis not only within this country, but with its outlying possessions, Canada, Cuba, and numerous islands and minor countries neighboring the United States. International-basis orders are exchanged between the United States and its outlying possessions, on the one hand, and other than "domestic basis" foreign countries, on the other. In this table, however, "International" includes money orders exchanged between the United States and "domestic basis" foreign countries, and these are not included in "Domestic"

ITEM	1910	1915	1920	1925	1930	1935	1938	1939
<b>Number of money-order offices</b> .....	51, 791	55, 070	54, 395	54, 260	54, 161	53, 106	51, 110	50, 956
<b>DOMESTIC</b> <sup>1</sup>								
Orders issued:								
Number (1,000).....	76, 918	105, 073	148, 491	197, 054	202, 273	212, 737	247, 799	250, 082
Amount (1,000 dollars).....	547, 994	656, 139	1, 332, 700	1, 532, 567	1, 714, 576	1, 820, 957	2, 146, 753	2, 047, 930
Orders paid:								
Number (1,000).....	76, 496	103, 884	147, 520	190, 038	201, 453	212, 651	248, 333	249, 301
Amount (1,000 dollars).....	545, 632	652, 786	1, 333, 045	1, 531, 597	1, 713, 681	1, 821, 152	2, 150, 728	2, 047, 158
Excess of issues: <sup>2</sup>								
Number (1,000).....	422	1, 190	971	1, 015	820	85	-534	781
Amount (1,000 dollars).....	2, 362	3, 353	-346	970	895	-194	-3, 975	762
<b>INTERNATIONAL</b> <sup>3, 4</sup>								
Orders issued:								
Number (1,000).....	4, 500	3, 055	1, 852	2, 966	3, 978	2, 456	2, 656	2, 516
Amount (1,000 dollars).....	99, 743	60, 772	32, 960	52, 660	72, 708	30, 429	33, 516	20, 949
Orders paid:								
Number (1,000).....	1, 956	2, 217	1, 508	1, 765	2, 161	1, 288	1, 719	1, 710
Amount (1,000 dollars).....	27, 244	24, 743	25, 382	19, 765	25, 825	13, 641	16, 215	16, 994
Excess of issues:								
Number (1,000).....	2, 544	837	343	1, 201	1, 817	1, 167	937	807
Amount (1,000 dollars).....	72, 499	36, 029	7, 598	32, 886	46, 883	16, 788	17, 301	13, 955
<b>FOREIGN "DOMESTIC BASIS"</b> <sup>5</sup>								
Paid in foreign countries:								
Number (1,000).....	667	655	601	938	1, 034	614	731	712
Amount (1,000 dollars).....	10, 184	9, 110	9, 563	16, 920	20, 921	8, 180	11, 047	10, 235
Paid in the United States:								
Number (1,000).....	1, 566	1, 936	1, 246	1, 498	1, 751	939	1, 357	1, 353
Amount (1,000 dollars).....	17, 766	18, 386	17, 916	15, 118	17, 935	8, 342	12, 527	12, 372

<sup>1</sup> Domestic money orders first issued Nov. 1, 1864, under act of Congress approved May 17, 1864.

<sup>2</sup> Minus sign indicates excess of payments.

<sup>3</sup> Includes foreign countries on "domestic basis."

<sup>4</sup> International money orders first issued Sept. 1, 1869, under Postal Convention of Oct. 12, 1867.

<sup>5</sup> Included under "International" above.

Source of tables 424 and 425: Post Office Department, Annual Report of the Postmaster General.

No. 426.—POSTAL SERVICE EXPENDITURES, BY OBJECT: YEARS ENDED JUNE 30, 1910 TO 1939

NOTE.—All figures in thousands of dollars. For total expenditures, see table 423. Data cover expenditures during the specified fiscal year, whether on account of that year or of previous years

ITEM	1910	1915	1920	1925	1930	1935	1938	1939
Service in post offices (total).....	107,771	139,937	234,102	338,046	429,571	378,407	466,503	470,948
Salaries of postmasters.....	27,514	30,400	40,108	47,562	52,850	44,588	48,722	49,403
Salaries of clerks, etc.....	38,045	53,317	102,319	153,336	201,972	173,510	211,518	216,442
City delivery service.....	31,805	42,668	68,626	95,161	127,890	113,153	138,101	141,089
All other expenditures.....	10,405	13,552	28,049	41,987	46,860	47,156	58,222	64,014
Railway Mail Service.....	19,389	28,408	38,711	52,906	61,888	52,251	59,082	59,132
Rural Delivery Service.....	37,074	49,806	75,794	93,163	108,347	90,619	91,187	91,181
Transportation of domestic mail.....	61,940	76,914	99,520	142,141	176,984	134,676	148,531	150,340
By railroads.....	49,405	59,576	70,714	99,720	117,265	93,328	90,643	98,604
By other means.....	12,535	17,338	28,805	42,421	59,720	41,348	48,888	51,735
Transportation foreign mail.....	3,204	3,273	5,912	9,175	24,449	36,806	12,750	12,787
Payment account of invalid money orders.....	600	208	284	138	131	232	193	162
Post Office Department <sup>1</sup> .....				3,712	4,298	3,612	4,000	3,891

<sup>1</sup> Paid out of the General Treasury prior to 1923.

No. 427.—TRANSPORTATION OF DOMESTIC MAILS, BY CLASS OF SERVICE: 1915 TO 1939

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, about 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						
	1915	1920	1925	1930	1935	1938	1939
<b>Steam railway service:</b>							
Length of routes (miles).....	233,676	232,358	230,470	220,416	190,016	187,866	188,478
Annual travel (thousand miles).....							
Regular space units.....	1,409,011	561,827	579,256	564,801	455,214	451,575	455,955
Prorated to 60-foot car basis.....		218,349	226,395	228,478	192,130	198,206	203,834
Annual expenditure <sup>2</sup> .....							
Regular authorizations.....	58,149	83,731	88,991	103,970	86,806	88,762	90,796
Annual cost.....		89,661	107,491	125,243	99,678	105,065	106,276
Average rate of cost—							
Per mile of length (dollars).....	248.84	360.35	386.12	471.70	436.17	472.48	494.86
Per unit mile traveled (cents).....	111.65	14.90	15.36	18.41	19.06	19.66	19.91
Per 60-foot car mile (cents).....		38.34	39.31	45.70	45.40	44.78	44.54
<b>Electric railway service:</b>							
Number of routes.....	569	543	288	224	135	108	95
Length of routes (miles).....	8,183	8,043	8,042	7,012	4,469	3,560	2,997
Annual travel of space units (thousand miles).....	13,948	11,752	10,487	9,829	6,047	4,722	4,112
Annual rate of expenditure.....	819	471	506	571	349	298	247
Average cost per unit mile traveled (cents).....	15.87	14.01	5.39	5.81	5.77	6.30	6.01
<b>Power boat service:</b>							
Number of routes.....	260	266	284	265	106	183	173
Length of routes (miles).....	32,402	34,642	49,791	40,130	21,043	20,660	19,440
Annual travel (thousand miles).....	5,685	3,902	5,298	4,806	2,860	2,464	2,435
Annual rate of expenditure.....	900	773	1,402	1,401	1,085	896	917
Average cost per mile traveled (cents).....	17.42	19.86	28.16	29.15	37.95	36.38	37.65
<b>Air mail service:</b>							
Length of routes (miles).....	4,218	3,094	2,665	14,907	28,884	33,655	37,080
Mileage scheduled (thousands).....	418	654	2,160	16,228	33,770	48,735	54,295
Miles traveled with mail (thousands).....	416	549	2,077	14,939	31,148	46,166	52,194
Mail carried (million pound-miles).....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	6,790	14,137	15,819
Cost of service.....	414	1,264	2,744	14,018	8,814	14,666	<sup>4</sup> 16,625

<sup>1</sup> Annual travel in thousands of miles and average cost per mile traveled. Space basis was not in force.

<sup>2</sup> For expenditures for Railway Mail Service, see table 426.

<sup>3</sup> Exclusive of freight and express service to Alaska or New York Harbor service.

<sup>4</sup> 1918 data.

<sup>5</sup> Not computed by Post Office Department until January 1931.

<sup>6</sup> Subject to revision.

Source of tables 426 and 427: Post Office Department, Annual Report of the Postmaster General.

### No. 428.—DELIVERY SERVICE—CITY AND RURAL FREE DELIVERY AND STAR-ROUTE SERVICE: 1870 TO 1939

NOTE.—Free city delivery was inaugurated in 1863; rural free delivery in 1897. Star routes are mail routes between towns which are let on a contract basis. Star route service in Alaska is not included in the accompanying table, data for 1939 being as follows: Number of routes, 68; length, 11,134 miles; annual travel, 300,403 miles; annual rate of expenditure, \$126,007

AS OF JUNE 30—	CITY FREE DELIVERY			RURAL FREE DELIVERY				STAR ROUTES	
	Number of offices	Number of carriers	Annual cost <sup>1</sup> (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 <sup>1</sup> (1,000 dollars)
1870	51	1,362	1,231					7,295	5,050
1880	104	2,428	12,864					9,863	7,321
1890	454	9,086	17,978					15,887	6,321
1895	804	12,714	12,145					20,733	5,754
1900	706	15,322	14,671	1,259	28,685		420	22,834	5,088
1905	1,144	21,778	20,923	32,110	721,237		20,865	17,199	7,842
1910	1,492	28,715	31,738	41,079	993,068	308,007	36,915	13,425	6,928
1915	1,808	32,902	30,329	43,806	1,067,674	325,305	52,566	11,567	8,713
1920	2,086	36,142	62,841	43,445	1,151,832	348,627	75,562	10,739	11,100
1923	2,277	40,134	77,945	44,439	1,100,534	360,256	86,172	10,802	12,610
1924	2,325	43,829	82,904	44,760	1,205,714	363,670	86,765	10,802	12,735
1925	2,401	46,251	93,567	45,189	1,227,654	370,273	102,945	10,906	12,774
1928	2,522	48,238	105,370	45,315	1,249,978	377,046	104,117	10,991	12,955
1927	2,812	50,117	118,301	44,780	1,270,746	383,851	104,447	11,215	12,996
1928	2,899	51,203	117,490	44,288	1,280,613	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	13,959
1930	3,050	53,762	126,423	43,278	1,334,842	404,738	106,373	11,788	14,281
1931	3,098	53,337	129,179	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	14,760
1933	3,111	51,229	107,410	40,013	1,365,712	414,417	103,693	12,540	14,301
1934	3,111	48,275	96,947	37,103	1,359,895	412,721	92,255	12,237	12,942
1935	3,111	49,084	111,048	34,843	1,355,078	411,361	92,061	11,853	11,357
1936	3,134	53,852	126,371	34,118	1,308,083	415,433	92,438	11,063	10,882
1937	3,173	54,944	133,008	33,601	1,377,088	418,248	91,680	11,572	10,800
1938	3,215	55,713	136,505	33,144	1,387,445	420,107	91,093	11,303	11,035
1939	3,236	55,617	139,493	32,839	1,392,657	421,854	91,188	11,462	10,848

<sup>1</sup> Data represent audited expenditures; in 1880 and 1890 they include some incidental expense.

### No. 429.—POSTAL SERVICE OPERATION—SUMMARY FOR PRINCIPAL ITEMS: YEARS ENDED JUNE 30, 1915 TO 1939

NOTE.—For sales of postage stamps and other stamped paper and postage collected on second-class matter, see table 424

	1915	1920	1925	1930	1935	1938	1939
Transactions in stamped paper:							
Ordinary postage stamps issued (millions)-----	11,226	13,213	17,387	16,209	13,610	14,912	15,074
Stamped envelopes and wraps issued (millions)-----	1,794	2,850	2,997	3,104	1,618	1,644	1,605
Postal cards issued (millions)-----	976	986	1,497	1,643	1,754	2,187	2,171
Pieces of mail carried (millions)-----			25,835	27,888	22,332	20,042	20,445
Second-class matter carried:							
Free in county (1,000 pounds)-----	62,142	61,528	69,195	75,326	57,560	63,715	60,902
Paid at pound rates (1,000 pounds)-----	1,047,144	1,307,227	1,348,297	1,554,415	1,003,389	1,265,235	1,230,328
Foreign mails dispatched by sea:							
Letters, post cards (1,000 pounds)-----	3,401	4,008	5,640	7,103	4,602	5,337	5,164
Other articles (1,000 pounds)-----	22,848	66,725	66,229	83,377	53,056	63,855	65,229
Mail registered:							
Domestic, paid (1,000 pieces)-----	27,688	56,051	70,512	76,459	41,318	42,129	40,664
International, paid (1,000 pieces)-----	4,325	11,300	10,993	7,860	3,444	3,386	3,331
Official, free (1,000 pieces)-----	5,237	8,663	8,414	8,680	10,582	11,030	11,586
Registry fees (1,000 dollars)-----	3,201	6,825	8,850	12,807	7,100	7,168	6,947
Mail insured:							
Domestic, parcel post (1,000 pieces)-----	18,012	95,385	152,078	126,421	71,960	82,026	83,574
International (1,000 pieces)-----			603	640	311	310	318
Total fees paid (1,000 dollars)-----	941	5,416	8,061	8,775	5,249	5,911	5,940
Mail sent: C. O. D.:							
Total pieces sent (1,000)-----	4,721	20,098	52,362	46,240	31,118	33,052	34,073
Total fees (1,000 dollars)-----	472	2,070	5,562	5,825	4,298	4,564	4,677

<sup>1</sup> See note 4, table 423.

<sup>2</sup> Not including surcharges (effective July 1, 1932) amounting to \$3,815,000 in 1935, \$2,580,000 in 1938, and \$2,750,000 in 1939.

Source of tables 428 and 429: Post Office Department, Annual Report of the Postmaster General and records.

No. 430.—POSTAL SERVICE OPERATION—NUMBER OF OFFICES, MILEAGE OF RURAL ROUTES, AND GROSS RECEIPTS, BY STATES AND OUTLYING AREAS

DIVISION AND STATE	Number of post offices, June 30, 1939	Mileage of rural free-delivery routes, June 30, 1939	GROSS POSTAL RECEIPTS <sup>1</sup>					
			1920	1925	1930	1935	1938	1939
			In thousands of dollars for years ended June 30					
<b>Grand total</b> .....	<b>44, 400</b>	<b>1, 392, 667</b>	<b>424, 625</b>	<b>584, 755</b>	<b>688, 351</b>	<b>695, 661</b>	<b>691, 692</b>	<b>704, 846</b>
<b>United States proper</b> .....	<b>43, 984</b>	<b>1, 392, 601</b>	<b>423, 463</b>	<b>583, 427</b>	<b>684, 610</b>	<b>691, 800</b>	<b>687, 797</b>	<b>703, 301</b>
<b>New England</b> .....	<b>2, 432</b>	<b>43, 564</b>	<b>32, 276</b>	<b>43, 498</b>	<b>51, 375</b>	<b>46, 111</b>	<b>51, 074</b>	<b>52, 688</b>
Maine.....	741	12, 301	2, 896	3, 940	3, 912	3, 688	3, 871	3, 869
New Hampshire.....	354	6, 310	1, 604	2, 035	2, 286	2, 216	2, 536	2, 608
Vermont.....	300	8, 090	1, 220	1, 540	1, 703	1, 659	1, 788	1, 808
Massachusetts.....	586	8, 264	18, 913	25, 064	29, 627	25, 890	28, 269	29, 266
Rhode Island.....	83	1, 290	2, 029	2, 702	3, 297	3, 018	3, 308	3, 471
Connecticut.....	308	7, 300	5, 744	8, 211	10, 560	9, 740	11, 302	11, 661
<b>Middle Atlantic</b> .....	<b>5, 190</b>	<b>115, 500</b>	<b>117, 897</b>	<b>161, 533</b>	<b>194, 927</b>	<b>164, 613</b>	<b>187, 610</b>	<b>190, 091</b>
New York.....	2, 015	49, 576	74, 772	102, 514	125, 072	102, 748	116, 513	118, 011
New Jersey.....	637	8, 822	9, 512	14, 655	19, 768	18, 553	21, 570	22, 247
Pennsylvania.....	2, 538	57, 102	33, 613	44, 363	50, 087	43, 312	49, 528	49, 833
<b>East North Central</b> .....	<b>5, 825</b>	<b>305, 994</b>	<b>107, 343</b>	<b>151, 924</b>	<b>175, 748</b>	<b>143, 668</b>	<b>169, 772</b>	<b>173, 004</b>
Ohio.....	1, 379	60, 891	24, 800	35, 417	42, 088	34, 046	39, 605	40, 167
Indiana.....	931	59, 101	9, 226	13, 774	15, 613	13, 388	15, 712	16, 091
Illinois.....	1, 489	72, 511	51, 357	70, 753	78, 787	62, 916	74, 571	76, 323
Michigan.....	1, 032	53, 635	13, 199	18, 978	24, 133	20, 048	24, 610	25, 037
Wisconsin.....	904	50, 866	8, 761	13, 002	15, 187	13, 265	15, 275	15, 396
<b>West North Central</b> .....	<b>6, 828</b>	<b>331, 678</b>	<b>53, 971</b>	<b>73, 365</b>	<b>80, 641</b>	<b>69, 928</b>	<b>74, 217</b>	<b>75, 061</b>
Minnesota.....	1, 063	54, 446	10, 847	15, 836	17, 614	15, 089	17, 104	17, 380
New York.....	1, 137	64, 120	9, 392	11, 720	13, 504	10, 932	12, 474	12, 650
Missouri.....	1, 677	61, 124	18, 024	27, 230	28, 988	22, 748	25, 072	25, 397
North Dakota.....	540	29, 144	2, 062	2, 360	2, 721	2, 562	2, 715	2, 722
South Dakota.....	589	25, 224	2, 066	2, 539	2, 760	2, 433	2, 547	2, 502
Nebraska.....	717	37, 537	5, 504	6, 663	7, 279	6, 217	6, 705	6, 775
Kansas.....	905	60, 083	5, 476	7, 017	7, 785	6, 945	7, 601	7, 545
<b>South Atlantic</b> .....	<b>7, 622</b>	<b>196, 135</b>	<b>34, 415</b>	<b>46, 072</b>	<b>52, 233</b>	<b>51, 213</b>	<b>60, 635</b>	<b>63, 180</b>
Delaware.....	74	3, 060	811	999	1, 233	1, 251	1, 607	1, 631
Maryland.....	613	11, 547	5, 292	7, 101	8, 519	7, 706	8, 846	9, 232
District of Columbia.....	1	203	3, 530	4, 771	6, 047	6, 307	7, 395	8, 111
Virginia.....	1, 900	30, 500	5, 621	7, 230	7, 985	7, 688	8, 881	9, 260
West Virginia.....	1, 624	12, 009	3, 154	4, 395	4, 611	4, 274	4, 952	4, 921
North Carolina.....	1, 212	42, 372	4, 138	5, 814	6, 830	7, 475	8, 775	9, 011
South Carolina.....	527	26, 180	2, 289	2, 530	2, 150	2, 037	2, 490	2, 687
Georgia.....	937	55, 510	6, 395	7, 734	9, 220	8, 452	9, 895	10, 213
Florida.....	714	14, 764	3, 179	5, 492	5, 674	6, 023	7, 795	8, 124
<b>East South Central</b> .....	<b>4, 987</b>	<b>148, 278</b>	<b>15, 546</b>	<b>20, 578</b>	<b>23, 738</b>	<b>21, 330</b>	<b>25, 413</b>	<b>25, 978</b>
Kentucky.....	2, 384	27, 135	4, 392	6, 283	6, 827	6, 161	7, 023	7, 073
Tennessee.....	881	45, 534	5, 289	7, 107	8, 540	7, 676	9, 295	9, 593
Alabama.....	950	39, 601	3, 418	4, 385	5, 108	4, 624	5, 496	5, 650
Mississippi.....	772	36, 008	2, 447	2, 801	3, 255	2, 969	3, 598	3, 684
<b>West South Central</b> .....	<b>4, 963</b>	<b>165, 573</b>	<b>24, 678</b>	<b>30, 646</b>	<b>37, 240</b>	<b>33, 206</b>	<b>40, 708</b>	<b>41, 662</b>
Arkansas.....	1, 146	26, 734	2, 928	3, 553	3, 823	3, 265	3, 900	4, 050
Louisiana.....	795	16, 347	4, 015	5, 055	5, 480	5, 017	6, 187	6, 436
Oklahoma.....	916	44, 113	4, 730	5, 889	7, 272	6, 217	7, 404	7, 380
Texas.....	2, 106	78, 379	13, 005	16, 117	20, 654	18, 707	23, 217	23, 790
<b>Mountain</b> .....	<b>3, 325</b>	<b>63, 891</b>	<b>12, 178</b>	<b>15, 004</b>	<b>17, 276</b>	<b>15, 914</b>	<b>18, 809</b>	<b>19, 263</b>
Montana.....	640	6, 798	2, 016	2, 180	2, 446	2, 422	2, 640	2, 723
Idaho.....	446	6, 975	1, 397	1, 324	1, 513	1, 483	1, 783	1, 854
Wyoming.....	330	1, 236	712	953	993	992	1, 139	1, 176
Colorado.....	644	14, 889	4, 398	5, 878	6, 819	5, 929	6, 932	7, 054
New Mexico.....	513	3, 082	679	900	1, 089	1, 162	1, 484	1, 543
Arizona.....	285	1, 733	943	1, 137	1, 532	1, 450	1, 870	1, 909
Utah.....	314	2, 010	1, 647	2, 179	2, 347	1, 923	2, 344	2, 368
Nevada.....	148	168	386	453	537	537	608	645
<b>Pacific</b> .....	<b>2, 952</b>	<b>48, 989</b>	<b>25, 158</b>	<b>40, 773</b>	<b>51, 375</b>	<b>48, 823</b>	<b>59, 559</b>	<b>62, 391</b>
Washington.....	793	16, 042	5, 630	7, 494	8, 710	8, 026	9, 420	9, 655
Oregon.....	683	10, 752	3, 324	4, 809	5, 430	5, 004	6, 162	6, 514
California.....	1, 501	22, 194	16, 198	28, 569	37, 223	35, 793	43, 978	46, 213
<b>Outlying offices</b> .....	<b>418</b>	<b>66</b>	<b>1, 062</b>	<b>1, 328</b>	<b>1, 740</b>	<b>3, 886</b>	<b>3, 886</b>	<b>3, 545</b>
Alaska.....	215	66	82	71	104	98	151	160
Guam.....	1	1	1	3	3	3	12	11
Hawaii.....	94	66	352	611	774	834	1, 261	1, 264
Puerto Rico.....	90	406	406	522	527	568	741	770
Samoa (Tutuila).....	2	2	2	2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Virgin Islands.....	5	17	17	11	15	17	35	27
Philatelic agency.....				109	317	2, 340	1, 636	1, 312

<sup>1</sup> Revenues from money-order business, postal savings, and certain miscellaneous items not included.  
<sup>2</sup> Includes receipts from agencies in China, France, and Siberia. <sup>3</sup> Less than \$500.

Source: Post Office Department, Annual Report of the Postmaster General.



# 17. TELEPHONE SYSTEMS

General Note.—This section covers public telephone systems and land (wire) commercial telegraph systems operated in continental United States and commercial cable and radiotelegraph systems operated by companies incorporated in United States

## No. 431.—TELEPHONE SYSTEMS—EQUIPMENT, TRAFFIC, EMPLOYEES, SALARIES AND WAGES, REVENUE, AND INVESTMENT: 1912 TO 1937

[All money figures in thousands of dollars]

	1912	1917	1922	1927	1932	1937
<b>ALL SYSTEMS</b>						
Number of systems and lines.....	32, 233	53, 234	57, 253	60, 148	<sup>1</sup> 55, 378	<sup>2</sup> 50, 560
Miles of wire (thousands).....	20, 248	28, 827	37, 266	63, 836	87, 678	<sup>3</sup> 90, 831
Number of central offices.....	<sup>3</sup> 11, 515	<sup>2</sup> 21, 175	<sup>3</sup> 19, 260	20, 227	19, 228	18, 967
Number of telephones (thousands).....	8, 730	11, 717	14, 347	18, 523	17, 424	<sup>2</sup> 19, 453
Number of calls originating with systems reporting (millions).....	( <sup>4</sup> )	21, 846	24, 648	31, 614	30, 048	33, 618
Number of employees.....	( <sup>4</sup> )	202, 629	312, 015	375, 272	334, 085	333, 162
Salaries and wages.....	( <sup>4</sup> )	175, 670	352, 926	486, 597	458, 117	516, 640
Operating revenues <sup>5</sup> .....	( <sup>4</sup> )	352, 830	665, 568	1, 023, 574	1, 061, 530	1, 180, 028
Investment in plant and equipment.....	( <sup>4</sup> )	1, 492, 329	2, 205, 183	3, 548, 875	4, 791, 903	<sup>2</sup> 5, 001, 803
<b>SYSTEMS REPORTING ANNUAL INCOME OF \$5,000 OR MORE, 1912 AND 1917, AND THOSE REPORTING \$10,000 OR MORE, 1922-37</b>						
Number of systems and lines.....	1, 016	2, 200	1, 823	1, 368	918	846
Miles of wire, total (thousands).....	16, 019	27, 298	35, 603	62, 277	86, 484	<sup>6</sup> 89, 571
Underground.....	9, 165	14, 849	21, 440	39, 893	55, 236	( <sup>7</sup> )
Overhead.....	9, 854	12, 449	14, 063	22, 384	31, 248	( <sup>7</sup> )
Number of central offices.....	11, 515	12, 294	10, 666	11, 485	12, 724	12, 530
Number of telephones (thousands).....	7, 327	9, 964	12, 295	16, 713	16, 284	18, 291
Number of calls originating with systems reporting, total (millions).....	13, 736	19, 809	21, 601	29, 196	29, 100	32, 932
Local exchange.....	13, 395	19, 366	21, 235	28, 109	( <sup>7</sup> )	31, 952
Long distance or toll.....	341	443	666	1, 087	( <sup>7</sup> )	980
Number of employees.....	183, 361	244, 490	290, 333	356, 739	320, 763	319, 950
Salaries and wages.....	96, 041	169, 655	341, 538	475, 840	451, 478	510, 695
Operating revenues <sup>5</sup> .....	244, 476	363, 832	637, 469	999, 912	1, 046, 392	1, 167, 442
Investment in plant and equipment.....	1, 081, 433	1, 435, 912	2, 120, 774	3, 475, 202	4, 734, 706	4, 941, 286
<b>BELL SYSTEM (INCLUDED ABOVE)</b>						
Miles of wire (thousands).....	15, 133	23, 134	30, 614	56, 819	80, 686	81, 578
Number of telephones (thousands).....	5, 087	7, 327	9, 515	13, 723	13, 793	15, 332
Number of originating calls (millions).....	9, 133	14, 598	16, 567	23, 693	25, 061	27, 667
<b>SYSTEMS REPORTING ANNUAL INCOME OF LESS THAN \$5,000, 1912 AND 1917, AND LESS THAN \$10,000, 1922-37</b>						
Number of systems and lines.....	30, 317	51, 034	55, 930	58, 780	43, 910	<sup>2</sup> 49, 714
Miles of wire (thousands).....	1, 229	1, 529	1, 763	1, 559	1, 193	<sup>2</sup> 1, 280
Number of telephones (thousands).....	1, 403	1, 763	2, 052	1, 810	1, 140	<sup>2</sup> 1, 102
Number of originating calls (millions).....	( <sup>8</sup> )	2, 037	2, 746	2, 418	948	686

<sup>1</sup> Includes 10,550 connecting lines for which separate reports were not secured; data for such lines, however, were included in reports of operating companies supplying switchboard service.

<sup>2</sup> Includes data for connecting lines having fewer than 5 telephones per line, as follows: 11,759 lines; 29,000 telephones; and estimated figures for other items as follows: 44,000 miles of single wire; and \$1,300,000 investment in equipment.

<sup>3</sup> Not reported for systems and lines having less than \$5,000 annual income in 1912. For 1917 and 1922, figures represent number of systems and lines reporting central offices; actual number of central offices was probably slightly larger.

<sup>4</sup> Not reported except for systems and lines with income of \$5,000 or more.

<sup>5</sup> Including assessments of mutual companies, and miscellaneous operating revenues.

<sup>6</sup> 83,378,000 miles of wire in cable and 6,193,000 not in cable.

<sup>7</sup> No data.

<sup>8</sup> No comparable data available.

Source: Department of Commerce, Bureau of the Census: Census of Electrical Industries, report on Telephones and Telegraphs.

No. 432.—TELEPHONE SYSTEMS—WIRE MILEAGE, NUMBER OF TELEPHONES AND CALLS, ALL SYSTEMS AND LINES, BY STATES: 1932 AND 1937

DIVISION AND STATE	MILES OF WIRE		NUMBER OF TELEPHONES			TELEPHONES PER 1,000 POPULATION <sup>1</sup>		NUMBER OF ORIGINATING CALLS (MILLIONS)	
	1932	1937	1927	1932	1937	1932	1937	1932	1937
United States.....	87,077,588	90,787,172	18,522,787	17,424,408	19,424,200	139	150	30,048	33,618
New England.....	7,682,588	7,777,976	1,548,931	1,513,939	1,608,031	183	187	2,458	2,576
Maine.....	517,144	513,060	131,367	124,372	128,288	165	160	205	202
New Hampshire.....	288,090	293,852	83,060	79,506	85,661	170	164	127	121
Vermont.....	149,129	159,203	60,793	58,133	57,367	161	150	86	85
Massachusetts.....	4,099,247	4,162,774	867,888	832,740	871,319	193	197	1,368	1,407
Rhode Island.....	595,303	608,496	114,044	110,671	117,239	168	172	179	180
Connecticut.....	2,032,775	2,030,900	290,873	308,517	348,157	188	200	490	581
Middle Atlantic.....	27,399,026	27,714,601	4,588,211	4,613,733	4,874,183	172	177	6,905	7,273
New York.....	15,385,557	15,365,969	2,595,537	2,628,537	2,712,329	204	200	4,000	4,227
New Jersey.....	4,382,769	4,554,521	509,350	642,830	698,782	154	161	838	938
Pennsylvania.....	7,630,699	7,794,111	1,393,338	1,342,366	1,463,072	138	144	2,067	2,108
East North Central.....	21,574,370	21,650,970	4,589,751	4,684,931	4,608,168	166	178	6,504	7,248
Ohio.....	5,545,857	5,688,439	1,122,030	978,304	1,146,985	144	170	1,712	1,987
Indiana.....	2,223,608	2,286,516	552,249	444,996	504,568	136	145	863	893
Illinois.....	7,599,337	7,485,744	1,685,660	1,507,222	1,668,777	193	212	2,206	2,388
Michigan.....	4,263,778	4,246,680	711,315	621,958	750,600	124	157	982	1,196
Wisconsin.....	1,941,790	1,943,501	518,461	482,361	528,238	102	181	741	784
West North Central.....	7,641,354	7,794,619	2,594,081	2,260,985	2,379,735	169	172	3,960	4,106
Minnesota.....	1,610,192	1,680,935	487,611	443,682	499,771	171	188	849	890
Iowa.....	1,310,798	1,313,255	565,533	484,870	514,460	196	202	775	793
Missouri.....	2,620,741	2,683,699	667,946	692,153	616,177	162	154	1,157	1,207
North Dakota.....	161,225	175,277	86,198	80,241	72,007	101	102	143	111
South Dakota.....	177,521	188,286	107,641	88,798	86,900	127	124	119	119
Nebraska.....	736,632	737,487	295,274	247,551	242,143	178	178	367	418
Kansas.....	1,024,245	1,025,680	393,878	334,681	342,277	176	184	550	569
South Atlantic.....	5,760,130	6,674,717	1,262,222	1,260,882	1,554,122	78	90	2,450	3,161
Delaware.....	210,300	245,518	28,901	32,537	41,225	135	158	58	71
Maryland.....	1,076,460	1,197,769	197,135	212,014	250,619	128	149	317	368
Dist. of Columbia.....	675,044	840,674	144,985	180,785	228,957	966	362	235	305
Virginia.....	876,581	1,028,179	153,698	196,956	237,941	81	88	420	510
West Virginia.....	445,781	462,640	146,677	134,150	155,873	76	84	243	261
North Carolina.....	706,829	772,503	160,507	143,710	179,161	44	51	321	452
South Carolina.....	290,599	335,114	64,616	57,215	71,459	33	38	148	187
Georgia.....	772,176	888,121	173,410	151,264	194,201	62	63	415	555
Florida.....	706,360	904,193	162,293	142,261	190,896	92	118	273	382
East South Central.....	2,897,978	2,778,524	644,270	547,440	633,989	55	59	1,401	1,630
Kentucky.....	863,293	951,738	222,735	191,236	208,199	72	71	407	450
Tennessee.....	850,951	922,755	220,559	192,983	227,253	73	79	530	652
Alabama.....	580,087	560,061	121,115	100,813	126,292	37	43	282	357
Mississippi.....	293,647	313,970	79,861	62,406	78,226	31	30	173	161
West South Central.....	5,028,077	5,397,748	1,149,357	1,002,389	1,194,910	81	93	2,591	3,091
Arkansas.....	366,044	360,189	118,178	86,676	93,421	46	46	193	210
Louisiana.....	694,367	700,503	137,610	132,735	166,130	62	78	392	465
Oklahoma.....	1,173,051	1,249,638	273,912	241,459	280,937	99	110	571	656
Texas.....	2,793,716	3,027,418	614,657	541,525	654,422	90	106	1,495	1,730
Mountain.....	1,640,855	1,796,089	456,198	446,492	529,207	119	140	802	968
Montana.....	181,485	190,152	59,238	55,361	68,617	103	122	96	114
Idaho.....	134,096	146,380	54,822	49,201	61,927	110	126	93	116
Wyoming.....	85,233	89,402	28,049	28,846	32,320	123	138	49	59
Colorado.....	717,589	773,792	193,259	179,063	201,354	171	188	300	344
New Mexico.....	84,722	109,893	21,580	23,100	31,071	53	74	43	60
Arizona.....	168,261	180,443	33,194	36,064	47,405	30	36	66	93
Utah.....	231,113	254,367	63,106	60,082	71,589	116	138	130	155
Nevada.....	48,356	51,690	12,959	15,275	17,664	164	175	23	28
Pacific.....	8,363,209	9,201,928	1,689,746	1,768,615	2,050,875	205	232	2,997	3,563
Washington.....	1,029,049	1,060,423	269,109	276,530	314,958	174	190	560	603
Oregon.....	590,201	638,654	185,171	166,639	180,501	170	176	307	330
California.....	6,734,059	7,502,851	1,205,466	1,310,446	1,556,421	219	253	2,130	2,632

<sup>1</sup> Based on population estimates as of Jan. 1, 1933, and July 1, 1937.

<sup>2</sup> Does not include 44,000 miles of single wire and 29,000 telephones on 11,759 connecting lines having fewer than 5 telephones per line.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Telephones and Telegraphs.

**No. 433.—TELEPHONES—NUMBER AND WIRE MILEAGE IN ALL SYSTEMS, AND NUMBER OF TELEPHONES IN THE BELL SYSTEM: 1895 TO 1939**

DEC. 31—	Total tele- phones <sup>1</sup>	Total miles of wire <sup>1</sup>	Telephones in Bell System <sup>2</sup>	DEC. 31—	Total tele- phones <sup>1</sup>	Total miles of wire <sup>1</sup>	Telephones in Bell System <sup>2</sup>
1895	339,500	722,000	309,502	1928	19,341,000	69,130,000	19,197,000
1900	1,355,900	2,807,000	855,911	1929	20,068,000	76,460,000	19,952,000
1905	4,126,900	8,470,000	2,530,924	1930	20,201,000	83,110,000	20,098,000
1910	7,635,490	16,937,000	5,832,719	1931	19,690,000	86,100,000	19,596,000
1915	10,523,500	24,792,000	9,172,406	1932	<sup>1</sup> 17,424,406	<sup>2</sup> 87,677,588	17,341,000
1920	13,329,400	32,000,000	12,601,935	1933	16,711,000	87,000,000	16,635,000
1921	13,875,200	34,000,000	13,380,219	1934	<sup>1</sup> 16,869,000	<sup>2</sup> 86,800,000	<sup>3</sup> 16,797,000
1922	<sup>4</sup> 14,347,395	<sup>5</sup> 37,285,958	14,050,665	1935	<sup>1</sup> 17,423,000	<sup>2</sup> 88,100,000	<sup>3</sup> 17,354,000
1923	15,369,500	41,400,000	15,000,101	1936	<sup>1</sup> 19,453,401	<sup>2</sup> 90,831,421	<sup>3</sup> 18,392,000
1924	16,072,800	46,500,000	15,822,634	1937	<sup>1</sup> 19,953,000	<sup>2</sup> 92,850,000	<sup>3</sup> 19,385,000
1925	16,935,900	52,200,000	16,720,224	1938	<sup>1</sup> 20,821,000	<sup>2</sup> 95,150,000	<sup>3</sup> 20,753,000
1926	17,746,000	57,960,000	17,674,252	1939			
1927	<sup>1</sup> 18,522,767	<sup>2</sup> 63,836,182	18,365,000				

<sup>1</sup> Partly estimated, except as indicated.<sup>2</sup> Bell-owned and Bell-connecting (owned by other companies).<sup>3</sup> From Bureau of the Census.<sup>4</sup> Excludes 80,000 Bell private-line telephones in 1934, 79,000 in 1935, 81,000 in 1936, 82,000 in 1937, 80,000 in 1938, and 77,500 in 1939. Prior to 1934 private-line telephones were included.

Source: American Telephone &amp; Telegraph Co., New York, N. Y.; annual report and records.

**No. 434.—AMERICAN TELEPHONE & TELEGRAPH CO. AND PRINCIPAL TELEPHONE SUBSIDIARIES (BELL TELEPHONE SYSTEM)—SUMMARY: 1920 TO 1939**

[Figures are as of December 31]

	1920	1925	1930	1935	1938	1939
Telephones (thousands)	8,134	11,910	15,187	18,573	15,761	16,536
Central offices (number)	5,767	6,147	6,639	6,896	6,975	7,001
Miles of pole line	362,481	394,629	428,212	407,454	399,368	397,202
Miles of wire, total (thousands)	24,863	44,943	74,124	78,628	83,445	85,637
In underground cable	14,207	27,769	45,116	47,639	50,783	52,041
In aerial cable	6,945	12,835	23,777	26,425	28,072	28,910
Open wire	3,711	4,339	5,231	4,562	4,590	4,586
Percent total wire mileage in cable	85.1	90.3	92.9	94.2	94.5	94.6
Average daily telephone conversations, total (thousands)	33,125	50,141	64,034	60,290	69,897	73,802
Exchange	31,818	48,051	61,150	58,066	67,400	71,200
Toll and long distance	1,307	2,090	2,884	2,224	2,497	2,602
Total plant (thousand dollars)	1,373,802	2,566,809	4,028,836	4,187,790	4,489,078	4,590,510
Employees (number)	228,943	292,902	318,119	241,169	257,443	259,950

Source: American Telephone &amp; Telegraph Co., New York, N. Y.; annual report.

**No. 435.—RADIOTELEPHONES—SUMMARY: 1937**

NOTE.—Figures cover all companies and systems licensed by the United States to engage in the reception and transmission of commercial radiotelephone communications. No data are included for radiotelephone stations such as amateur, experimental, Federal, police, fire, etc., which were not licensed to charge fees for receiving or sending calls. The survey covered U. S. licensees in the United States, Alaska, Hawaii, and Puerto Rico, as well as those operating ship stations

Number of companies or systems	27
Number of stations (as of Dec. 31)	132
Operating revenues applicable to the radio link (dollars)	1,212,073
Revenue calls, total number	147,696
Foreign traffic of the U. S. (calls subject to overseas regulations)	152,607
Ship traffic of the U. S. (calls subject to overseas, coast, and harbor regulations)	126,409
Other traffic—Within the United States; <sup>1</sup> within Alaska; <sup>2</sup> within Hawaii; <sup>3</sup> within Puerto Rico; <sup>4</sup> Hawaii and Puerto Rico with other countries except continental U. S.; and Alaska with ships	68,680

<sup>1</sup> Calls originating, terminating, or relayed in the United States.<sup>2</sup> Originating calls only.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Telephones and Telegraphs.

## No. 436.—TELEPHONE SYSTEMS—SUMMARY, CLASS A CARRIERS: 1926 TO 1939

NOTE.—Figures cover Class A telephone carriers which reported for 1939. Class A carriers are those carriers whose average annual operating revenues exceeded \$100,000. The gross operating revenues of Class A carriers reporting in 1937 represented approximately 96 percent of the revenues of all telephone carriers as reported for the Census of Electrical Industries for that year. (See table 431.) The figures include data for carriers consolidated and merged prior to 1939, so far as annual data are available. Intercorporate duplications have not been excluded

YEAR	Miles of wire (thousands) <sup>1</sup>	Number of telephones (thousands)	EMPLOYEES		Operating revenues	Operating expenses	Operating taxes	Net operating income	INVESTMENT IN TELEPHONE PLANT	
			Number on Dec. 31	Total compensation					Plant and equipment, total	Investmentless depreciation
1926	54,462	14,382	322,617	( <sup>2</sup> )	879,838	589,447	73,329	211,685	2,975,421	2,373,806
1927	60,440	15,201	327,937	( <sup>2</sup> )	948,560	637,384	79,530	225,722	3,216,845	2,592,057
1928	65,852	16,046	350,102	( <sup>2</sup> )	1,032,480	691,229	84,885	249,021	3,482,862	2,808,107
1929	73,680	16,989	387,115	( <sup>2</sup> )	1,133,118	766,279	87,166	272,305	3,864,000	3,139,555
1930	80,557	17,101	346,441	( <sup>2</sup> )	1,166,912	804,115	80,810	263,735	4,219,827	3,457,290
1931	84,323	16,803	314,839	( <sup>2</sup> )	1,136,906	768,354	93,993	265,427	4,387,096	3,672,614
1932	85,902	14,988	284,550	( <sup>2</sup> )	1,010,872	689,970	89,635	218,031	4,425,968	3,579,575
1933 <sup>3</sup>	82,237	14,301	267,228	309,257	933,082	666,575	87,868	178,538	4,435,316	3,505,586
1934	82,112	14,620	207,782	335,838	944,489	665,370	92,558	186,495	4,444,553	3,436,589
1935	82,462	15,121	204,986	401,987	996,967	702,298	98,948	195,679	4,462,305	3,359,862
1936	83,224	16,048	281,125	433,220	1,076,290	721,769	121,300	233,204	4,538,894	3,351,165
1937 <sup>3</sup>	85,484	16,993	294,955	488,614	1,137,717	774,247	142,113	221,395	4,677,140	3,415,842
1938	87,434	17,443	285,693	501,666	1,140,192	784,261	151,741	204,201	4,785,660	3,469,025
1939	89,595	18,269	285,051	510,305	1,197,788	801,673	163,537	232,578	4,892,994	3,522,280

<sup>1</sup> The decrease reflected in data shown for the year 1933 is due mainly to the fact that prior to that year the total of wire jointly owned with other companies was included, whereas from 1933 on, only the respondents' portion of jointly owned wire was included.

<sup>2</sup> Data not reported.

<sup>3</sup> In comparing figures in this table, consideration should be given to the effect of the revision of the Uniform System of Accounts, First Revised Issue, and the issue of June 19, 1935, as amended, resulting in certain changes and rearrangements of both the balance sheet and the income statement.

Source: Federal Communications Commission, Annual Report.

## No. 437.—RADIOTELEGRAPH CARRIERS—SUMMARY: 1933 TO 1939

NOTE.—All money figures in thousands of dollars. Figures show development from 1933 to 1939 of carriers which reported for 1939

	1933	1934	1935	1936	1937	1938 <sup>1</sup>	1939 <sup>1</sup>
Operating revenues <sup>2</sup>	6,560	7,874	8,404	9,346	10,083	10,342	12,195
Operating expenses	6,489	7,289	8,014	8,361	8,833	8,811	9,349
Operating taxes	246	274	211	380	640	546	775
Operating income	<sup>3</sup> 189	271	80	543	1,161	883	1,958
Net income	<sup>3</sup> 386	339	<sup>3</sup> 1,009	227	1,302	270	1,377
Revenue messages transmitted (thousands)	4,935	5,087	6,704	7,951	9,537	8,326	9,586
Number of employees on June 30	1,869	2,359	2,801	2,981	3,112	3,161	3,274
Total compensation for year	( <sup>4</sup> )	3,705	4,159	4,492	5,126	5,375	5,811
Investment in plant and equipment	28,311	30,549	31,021	30,844	32,093	32,456	32,282
Capital stock	6,756	7,463	7,604	7,668	7,783	7,808	7,809
Unmatured funded debt	204	3,664	3,649	898	3,520	1,808	708

<sup>1</sup> In comparing data for 1938 and 1939 with prior years, consideration should be given to the effect of certain changes in reporting requirements.

<sup>2</sup> One of the larger radiotelegraph carriers included substantial amounts reported as nontransmission revenues covering miscellaneous sales, rentals, service fees, etc.

<sup>3</sup> Deficit or other reverse item.

<sup>4</sup> Data not available.

Source: Federal Communications Commission, Annual Report.

**No. 438.—WIRE-TELEGRAPH CARRIERS (LAND LINE AND OCEAN CABLE)—**
**SUMMARY: 1926 TO 1939**

NOTE.—Figures show development from 1926 to 1939 of carriers which reported for 1939 and include, for the entire period, carriers consolidated and merged in prior years for which annual report data are available. Intercorporate duplications have not been excluded.

YEAR	Miles of wire (thousands)	Number of revenue messages transmitted (thousands) <sup>1</sup>	INVESTMENT IN PLANT AND EQUIPMENT	OPERATING REVENUES	Operating ratio (per cent) <sup>2</sup>	OPERATING IN-COME	NET IN-COME	DIVIDENDS	EMPLOYEES	
									Thousands of dollars	Thousands of dollars
1926	2, 126	231, 722	392, 979	180, 225	80. 79	27, 055	22, 964	14, 839	87, 165	(*)
1927	2, 249	230, 562	412, 061	177, 540	80. 12	27, 672	23, 184	14, 344	83, 617	(*)
1928	2, 357	240, 391	428, 560	185, 112	80. 57	28, 009	24, 028	15, 016	85, 340	(*)
1929	2, 405	251, 457	441, 080	196, 388	81. 62	29, 516	25, 395	22, 312	95, 014	(*)
1930	2, 426	227, 194	485, 659	176, 627	85. 59	19, 733	13, 250	23, 664	92, 648	(*)
1931	2, 394	195, 047	497, 383	148, 491	87. 37	13, 829	5, 518	11, 652	79, 509	(*)
1932	2, 380	154, 049	499, 569	114, 982	89. 74	6, 653	4 2, 437	4, 445	67, 079	(*)
1933	2, 386	154, 207	500, 610	114, 206	84. 61	12, 248	4, 033	2, 800	64, 153	(*)
1934	2, 396	168, 492	501, 313	118, 994	86. 36	11, 012	1, 043	1, 781	68, 560	73, 096
1935	2, 398	174, 527	500, 699	122, 152	83. 94	14, 417	4, 240	4, 800	66, 122	72, 138
1936	2, 423	191, 910	501, 561	132, 637	82. 89	16, 805	6, 014	1, 837	69, 951	78, 450
1937	2, 426	200, 611	503, 807	135, 503	86. 62	10, 718	1, 293	3, 082	73, 350	85, 191
1938	2, 428	185, 828	505, 146	123, 288	90. 21	4, 248	4 6, 423	248	63, 411	77, 417
1939	2, 434	188, 670	502, 193	128, 261	87. 62	7, 781	4 2, 505	323	61, 689	78, 434
Western Union Co.: 1939. Postal Telegraph-Cable Co. (land-line system): 1939.	1, 913	147, 272	334, 699	95, 660	86. 07	6, 901	1, 380	.....	43, 490	60, 084
	498	35, 774	83, 522	21, 115	100. 56	4 1, 144	4 4, 100	.....	14, 560	13, 804

<sup>1</sup> In order to avoid duplication, stock and commercial news traffic, telephone toll messages, and mobile and foreign messages, domestic haul, are excluded.

<sup>2</sup> Ratio of operating expenses to operating revenues. <sup>3</sup> No data. <sup>4</sup> Deficit or other reverse item.

Source: Federal Communications Commission, Annual Report.

**No. 439.—WESTERN UNION TELEGRAPH CO.—LINE AND WIRE MILEAGE, OFFICES, AND FINANCES: 1867 TO 1939**

YEAR ENDED—	Miles of pole line and cable	Miles of wire	Number of offices	Receipts	Expenses	Net income <sup>1</sup>
				<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
June 30—						
1867	46, 270	85, 291	2, 565	6, 508, 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, 576	6, 335, 415	3, 229, 163
1880	85, 645	233, 534	9, 077	12, 782, 895	6, 948, 957	5, 839, 938
1885	147, 500	492, 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, 037, 635	21, 845, 570	7, 188, 065
1910	214, 360	1, 429, 049	24, 825	33, 889, 202	26, 014, 302	7, 274, 900
Dec. 31—						
1915	238, 940	1, 610, 709	25, 142	52, 475, 721	40, 972, 541	11, 503, 180
1920	246, 214	1, 449, 710	24, 881	121, 473, 685	108, 134, 041	13, 339, 644
1923	244, 001	1, 557, 309	24, 678	113, 628, 470	99, 082, 195	13, 646, 305
1924	246, 742	1, 503, 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
1925	249, 016	1, 008, 293	24, 683	139, 400, 026	121, 098, 832	18, 307, 194
1927	251, 756	1, 733, 140	24, 705	134, 400, 816	119, 828, 218	15, 132, 593
1928	255, 098	1, 859, 632	24, 842	139, 387, 321	123, 817, 517	15, 569, 804
1929	256, 044	1, 934, 020	25, 001	148, 449, 854	132, 872, 815	15, 577, 039
1930	256, 793	1, 943, 988	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, 890, 174	21, 950	84, 581, 963	85, 412, 568	1 830, 005
1933	257, 274	1, 902, 327	21, 261	84, 993, 425	80, 628, 543	4, 364, 882
1934	255, 881	1, 902, 799	21, 078	88, 757, 205	86, 514, 124	2, 243, 081
1935	254, 091	1, 905, 858	20, 964	91, 389, 312	86, 131, 234	5, 258, 078
1936	253, 745	1, 908, 915	20, 968	100, 036, 603	92, 837, 483	7, 199, 120
1937	253, 367	1, 913, 452	20, 445	102, 076, 710	98, 750, 941	3, 325, 769
1938	252, 288	1, 914, 490	20, 025	93, 241, 467	94, 879, 346	2 1, 637, 879
1939	250, 503	1, 913, 300	19, 543	97, 178, 917	95, 798, 803	1, 330, 114

<sup>1</sup> Figures for 1915 and prior years represent net income before bond interest. <sup>2</sup> Deficit.

Source: Western Union Telegraph Co., New York, N. Y.; annual report.

[All money figures in thousands of dollars]

	ALL SYSTEMS						LAND SYSTEMS				OCEAN-CABLE SYSTEMS			
	1912	1917	1922	1927	1932	1937	1922	1927	1932	1937	1922	1927	1932	1937
Number of companies or systems <sup>1</sup> .....	28	28	25	25	23	23	19	18	17	17	6	7	6	6
Miles of pole line <sup>2</sup> .....	247,523	241,128	252,991	256,809	256,661	253,576	252,991	254,720	256,215	250,880	2,089	446	2,696	2,696
Miles of single wire, total <sup>3</sup> .....	1,814,196	1,890,245	1,863,250	2,145,897	2,266,054	2,327,832	1,845,287	2,138,259	2,259,827	2,301,532	8,013	7,688	6,227	26,300
Aerial.....	(4)	1,809,482	1,718,251	1,940,069	1,956,008	1,983,596	1,714,211	1,936,611	1,952,432	1,971,851	4,040	3,458	3,571	11,745
Underground.....	(4)	77,187	131,448	200,979	303,912	335,179	127,475	197,058	301,560	323,421	3,973	3,921	2,352	11,758
Under-water, except ocean cable.....	(4)	3,576	3,551	4,849	6,139	9,057	3,551	4,590	5,835	6,260	259	304	2,797	2,797
Nautical miles of ocean cable.....	67,676	71,251	76,711	99,074	96,468	103,671					76,711	99,074	96,468	103,671
Nautical miles of single wire in ocean cable.....	(4)	(4)	(4)	(4)	(4)	105,413					(4)	(4)	(4)	105,413
Number of offices.....	30,864	28,940	27,354	27,666	26,047	25,522	27,214	27,530	25,901	25,453	140	136	146	69
Operated jointly with other companies.....	<sup>5</sup> 26,247	23,321	21,935	21,491	19,574	19,201	21,933	21,480	19,569	19,200	2	11	5	1
Messages sent, total (thousands).....	109,378	<sup>6</sup> 127,074	191,121	229,582	158,378	218,116	181,519	215,695	147,941	206,987	8,693	13,987	10,487	11,129
Governmental.....	(4)	4,597	3,199	2,732	3,655	8,619	3,130	2,657	3,583	8,513	69	75	72	106
Full commercial rate.....	(4)	110,618	175,847	214,164	146,162	200,901	166,730	200,331	135,797	190,008	9,117	13,784	10,365	10,892
Contract rate and free.....	(4)	11,858	12,075	12,636	8,561	8,596	11,659	12,557	8,561	8,466	417	129	129	130
Number of employees—June 30.....	<sup>7</sup> 44,811	64,723	68,632	81,498	66,723	73,457	62,299	74,903	60,933	68,054	6,333	6,595	5,790	5,403
Dec. 31.....	(4)	(4)	(4)	(4)	(4)	69,737	(4)	(4)	(4)	64,254	(4)	(4)	(4)	5,483
Salaries and wages.....	<sup>7</sup> 24,965	43,764	76,162	99,520	73,949	85,336	68,737	89,984	66,988	77,928	7,425	9,536	6,961	7,408
Operating revenues.....	80,403	106,990	146,805	177,589	114,656	<sup>8</sup> 135,792	<sup>8</sup> 123,631	<sup>9</sup> 159,682	97,729	117,032	<sup>9</sup> 18,174	<sup>9</sup> 17,907	16,927	13,760
Taxes assignable to operations during year, total.....	1,187	5,397	6,894	7,065	4,427	6,964	<sup>9</sup> 5,573	<sup>9</sup> 6,182	<sup>9</sup> 4,034	<sup>9</sup> 6,357	<sup>9</sup> 1,921	<sup>9</sup> 883	<sup>9</sup> 893	<sup>9</sup> 608
Federal.....	(4)	(4)	(4)	(4)	(4)	1,221	(4)	(4)	(4)	(4)	(4)	(4)	(4)	272
Other.....	(4)	(4)	(4)	(4)	(4)	5,743	(4)	(4)	(4)	5,407	(4)	(4)	(4)	336
Investment in plant and equipment.....	222,047	243,358	325,662	426,699	506,445	506,705	<sup>9</sup> 254,030	<sup>9</sup> 333,143	<sup>9</sup> 415,694	<sup>9</sup> 418,231	<sup>9</sup> 72,632	<sup>9</sup> 88,556	<sup>9</sup> 90,751	<sup>9</sup> 88,533
Dividends paid.....	6,130	9,817	10,716	14,199	(4)	3,119	(4)	8,191	(4)	1,604	(4)	6,008	(4)	1,514

<sup>1</sup> The Western Union Telegraph Co., which operates both land and ocean-cable systems, is counted as 2 companies.  
<sup>2</sup> Exclusive of pole line owned and operated wholly by railway companies.  
<sup>3</sup> 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; 1932, 337,059 miles; 1937, 318,116 miles.  
<sup>4</sup> Not available.  
<sup>5</sup> Data are for land systems only.  
<sup>6</sup> Excluding 31,102,577 lettergrams not distributed according to rate.  
<sup>7</sup> Number of employees includes 7,516 messengers whose wages are not included in amount given for salaries and wages.  
<sup>8</sup> In addition, telegraph revenues amounting to \$25,899,000 were reported by companies primarily engaged in supplying telephone service.  
<sup>9</sup> Data for ocean-cable business of Western Union Telegraph Co. included with those for land systems.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Telephones and Telegraphs.

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[Data in this section relate to continental United States]

No. 441.—ENERGY FROM MINERAL FUELS AND WATER POWER—ANNUAL SUPPLY, BY SOURCE: 1871 TO 1939

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 <sup>1</sup>	Grand total fuels and water power	EQUIVALENT IN BITUMINOUS COAL <sup>2</sup>		
									Million tons of 2,000 lbs.	Per capita, tons	
1871-75.....	637	754	1,391	49	-----	-----	(1)	1,520	58	1.4	
1876-80.....	718	955	1,673	101	-----	-----	(1)	1,857	71	1.5	
1881-85.....	955	1,863	2,818	153	24	-----	(1)	3,110	119	2.2	
1886-90.....	1,195	2,474	3,669	198	264	-----	(1)	4,221	161	2.7	
1891-95.....	1,453	3,286	4,739	307	160	-----	104	5,316	203	3.0	
1896-1900.....	1,513	4,493	6,006	357	198	-----	129	6,690	255	3.5	
1901-05.....	1,818	7,140	8,958	612	323	-----	209	10,102	386	4.8	
1906-10.....	2,207	9,783	11,990	1,037	470	-----	1	13,867	529	6.9	
1911-15.....	2,427	11,827	13,954	1,485	619	-----	72	16,722	638	6.6	
1916-20.....	2,523	13,981	16,604	2,176	820	-----	297	20,648	788	7.6	
1921-25.....	2,112	12,610	14,722	3,888	1,024	-----	560	1,105	21,308	813	7.3
1926-30.....	2,084	13,895	15,679	5,375	1,760	-----	408	1,781	25,002	954	8.0
1931-35.....	1,460	9,207	10,667	5,336	1,824	-----	230	1,931	19,988	763	6.1
1936.....	1,348	8,741	10,089	5,434	1,672	-----	191	1,931	19,317	787	5.9
1937.....	1,555	9,415	10,970	5,448	1,904	-----	213	1,896	20,431	780	6.2
1938.....	1,419	9,756	11,175	6,080	2,060	-----	193	2,207	21,015	825	6.5
1939.....	1,485	11,604	12,089	6,598	2,330	-----	194	2,256	24,367	930	7.3
1937.....	1,410	11,673	13,083	7,675	2,588	-----	165	2,446	25,957	901	6.7
1938.....	1,255	9,132	10,387	7,286	2,468	-----	158	2,466	22,765	869	7.7
1939 (preliminary)...	1,397	10,102	11,589	7,686	2,618	-----	199	2,423	24,415	932	7.1

<sup>1</sup> Fuel equivalent is calculated from kilowatt-hours of power produced wherever available, as is true of all public-utility plants since 1919. Otherwise fuel equivalent is calculated from reported horsepower of installed water wheels. Prior to 1890 data were unsatisfactory, but estimates are included in total.

<sup>2</sup> Calculated at 26,200,000 British thermal units per ton.

<sup>3</sup> Based on amount of coal displaced by gas, as estimated by gas companies.

Source: Figures for 1936 and prior years, Department of Interior, Bureau of Mines. Thereafter, National Bituminous Coal Commission, now Bituminous Coal Division of Department of Interior. Published by Department of Interior, Bureau of Mines, in Minerals Yearbook.

No. 442.—GENERATING PLANTS—INSTALLED CAPACITY, BY TYPE OF PRIME MOVER: 1920 TO 1939

NOTE.—In kilowatts. See headnote, table 443

YEAR	Total	TYPE OF PRIME MOVER			Hydro as percent of total
		Hydro	Steam	Internal combustion	
1920.....	14,372,009	3,786,595	10,490,944	94,470	26.3
1921.....	15,282,014	3,965,650	11,221,724	94,040	25.9
1922.....	15,940,913	4,200,860	11,646,655	102,398	26.3
1923.....	17,433,118	4,597,524	12,721,552	114,042	26.4
1924.....	10,493,376	5,149,781	14,216,155	127,440	20.4
1925.....	23,512,000	6,168,849	17,160,846	189,305	26.2
1926.....	25,302,322	6,647,346	18,551,524	193,452	26.2
1927.....	27,020,915	7,134,143	19,683,534	203,238	26.4
1928.....	29,714,017	8,060,771	21,335,347	317,899	27.1
1929.....	31,622,591	8,166,479	23,129,693	326,419	25.8
1930.....	34,055,319	8,941,020	24,695,862	418,337	26.3
1931.....	35,369,604	9,444,771	25,474,380	450,513	26.7
1932.....	35,991,317	9,583,009	25,921,209	487,099	26.6
1933.....	36,242,916	9,736,063	26,005,665	498,188	26.9
1934.....	35,791,072	9,741,739	25,524,206	525,127	27.2
1935.....	38,074,442	9,795,138	25,708,200	571,095	27.2
1936.....	36,564,442	10,436,403	25,510,062	608,887	28.5
1937.....	37,134,382	10,576,614	25,872,720	685,048	28.6
1938.....	39,042,105	11,066,063	27,202,844	773,198	28.3
1939.....	40,317,924	11,415,165	28,046,948	856,811	28.3

Source: Federal Power Commission, Electric Power Statistics.

**No. 443.—ELECTRIC ENERGY—PRODUCTION, BY TYPE OF PRIME MOVER:  
1920 TO 1939**

NOTE.—In thousands of kilowatt hours. Figures for 1939 in this table and those in table 442 and in tables 444 to 448 are based on the operation of 4,126 power plants, owned by 1,677 concerns, generating electric energy for sale. The production and capacity of the following types of plants are included: Privately owned electric utilities, mining and manufacturing (exclusive of plants of those concerns whose sales were less than 10,000 kilowatt hours per month), railways and railroads, municipal electric utilities, Bureau of Reclamation, other Federal projects, cooperatives, power districts, State projects, and publicly owned noncentral stations

YEAR	Total	TYPE OF PRIME MOVER			Hydro as percent of total
		Hydro	Steam	Internal combustion	
1920	43,334,282	15,940,050	27,218,273	106,959	36.8
1921	40,886,083	14,879,593	25,831,166	175,324	36.4
1922	47,521,031	17,001,953	30,238,485	180,593	36.0
1923	55,554,567	19,232,513	36,112,791	209,263	34.6
1924	58,887,015	19,844,965	38,809,011	233,859	33.7
1925	65,751,137	22,233,423	43,223,181	294,533	33.8
1926	73,688,669	26,071,092	47,279,097	337,883	35.4
1927	79,384,805	29,028,566	49,997,324	338,975	36.6
1928	86,567,804	33,389,230	52,600,015	550,560	38.6
1929	95,926,226	33,190,745	62,160,462	574,010	34.6
1930	94,651,597	31,797,724	62,277,888	635,985	33.5
1931	90,728,821	29,879,868	60,505,175	643,783	32.6
1932	82,376,772	33,321,857	48,450,610	588,305	40.5
1933	84,736,229	34,058,562	50,094,064	583,603	40.2
1934	90,805,524	33,713,222	56,450,561	641,751	37.1
1935	98,464,073	30,084,152	58,649,820	780,092	39.6
1936	112,181,242	39,616,274	71,755,938	909,030	35.2
1937	121,836,813	44,480,183	76,329,917	1,017,713	36.5
1938	116,681,423	44,834,410	70,757,426	1,110,587	38.4
1939	130,336,050	44,021,631	85,000,941	1,307,478	33.8

**No. 444.—GENERATING PLANTS—INSTALLED CAPACITY, BY CLASS OF OWNERSHIP: 1920 TO 1939**

NOTE.—In thousands of kilowatts. See headnote, table 443

YEAR	Total all classes of ownership	PRIVATELY OWNED				PUBLICLY OWNED				
		Electric utilities	Mining and manufacturing	Railways and railroads	Municipal electric utilities	Federal		Cooperatives, power districts, State projects	Non-central stations	
						Bureau of Reclamation	Other			
1920	14,372	12,023	113	1,545	601	10	-----	21	59	
1921	16,282	12,797	95	1,098	634	11	-----	21	56	
1922	15,960	13,419	88	1,670	685	11	-----	21	56	
1923	17,433	14,787	100	1,691	752	14	-----	33	56	
1924	19,493	16,740	135	1,677	824	14	-----	44	59	
1925	23,512	20,046	208	1,772	1,125	14	184	49	55	
1926	25,932	21,819	274	1,732	1,204	21	184	69	59	
1927	27,021	23,418	369	1,573	1,210	25	184	131	111	
1928	29,714	25,991	445	1,464	1,340	29	184	139	116	
1929	31,623	27,953	420	1,363	1,424	30	184	138	111	
1930	34,055	30,285	438	1,233	1,601	32	194	154	118	
1931	35,370	31,498	431	1,241	1,696	37	194	184	119	
1932	35,991	32,033	388	1,210	1,828	38	194	155	130	
1933	36,243	32,163	458	1,198	1,879	38	194	172	141	
1934	35,791	31,547	449	1,224	1,963	38	260	182	138	
1935	36,074	31,820	449	1,190	2,001	38	262	175	139	
1936	36,565	31,787	447	1,030	2,194	407	366	184	144	
1937	37,134	31,958	494	1,020	2,477	407	425	207	146	
1938	39,042	33,246	559	991	2,631	572	584	310	149	
1939	40,318	33,908	559	896	2,807	708	883	333	164	

Source of tables 443 and 444: Federal Power Commission, Electric Power Statistics.



### No. 445.—ELECTRIC ENERGY—PRODUCTION, BY CLASS OF OWNERSHIP: 1920 TO 1939

NOTE.—In millions of kilowatt-hours. See headnote, table 443

YEAR	Total all classes of ownership	PRIVATELY OWNED				PUBLICLY OWNED				
		Electric utilities	Mining and manufacturing	Railways and railroads	Municipal electric utilities	Federal		Cooperatives, power districts, State projects	Non-central stations	
						Bureau of Reclamation	Other			
1920.....	43,334	37,716	176	3,754	1,373	58	-----	94	163	
1921.....	40,886	36,466	161	3,645	1,422	53	-----	89	161	
1922.....	47,621	41,660	216	3,672	1,637	56	-----	103	177	
1923.....	55,555	49,044	321	4,005	1,852	63	-----	90	180	
1924.....	58,887	52,315	395	3,830	1,940	57	-----	161	189	
1925.....	65,751	58,685	485	3,815	2,302	59	44	172	180	
1926.....	73,089	65,480	577	3,759	2,832	79	439	335	188	
1927.....	79,365	70,920	724	3,223	3,051	104	564	536	243	
1928.....	86,558	78,207	735	3,029	3,245	134	222	612	374	
1929.....	95,025	87,514	780	2,965	3,497	128	172	451	418	
1930.....	94,662	86,109	790	2,750	3,004	147	318	518	410	
1931.....	90,729	82,596	789	2,590	3,435	142	355	421	401	
1932.....	82,377	74,488	596	2,388	3,517	160	205	572	371	
1933.....	84,736	76,668	740	2,250	3,583	168	290	654	377	
1934.....	90,806	82,079	1,193	2,355	3,834	162	205	565	423	
1935.....	98,464	89,330	830	2,346	4,229	166	390	732	442	
1936.....	112,181	102,293	667	2,198	4,705	284	780	801	444	
1937.....	121,837	110,404	784	2,140	5,270	1,326	517	863	473	
1938.....	116,081	104,090	857	2,012	5,237	1,700	1,329	994	462	
1939.....	130,336	115,078	851	1,843	5,688	2,692	2,784	944	456	

### No. 446.—CONSUMPTION OF FUEL FOR PRODUCTION OF ELECTRIC ENERGY: 1920 TO 1939

NOTE.—See headnote, table 443

CALENDAR YEAR	CONSUMPTION OF FUEL			Consumption of coal and coal equivalent of other fuels (thousand tons <sup>1</sup> <sup>2</sup> )	Output by fuels (million kilowatt-hours <sup>4</sup> )	Consumption per kilowatt hour (pounds)
	Coal (thousand tons <sup>1</sup> )	Fuel oil (thousand barrels <sup>2</sup> )	Gas (million cubic feet)			
1920.....	42,936	10,466	21,861	46,154	27,228	3.39
1921.....	31,575	12,040	23,716	34,016	25,864	2.70
1922.....	34,171	13,224	27,181	37,770	30,210	2.50
1923.....	38,966	14,681	31,486	43,308	36,088	2.40
1924.....	37,563	16,643	48,465	42,687	38,806	2.20
1925.....	40,217	10,264	46,526	45,431	43,268	2.10
1926.....	41,329	9,430	59,094	46,107	47,230	1.95
1927.....	41,887	6,784	62,922	46,001	50,001	1.84
1928.....	41,390	7,154	77,426	46,471	52,808	1.76
1929.....	44,934	10,135	112,621	52,639	62,295	1.69
1930.....	42,910	9,263	120,297	50,636	62,513	1.62
1931.....	38,714	8,126	139,274	47,113	60,791	1.55
1932.....	30,290	7,967	107,840	36,698	48,031	1.50
1933.....	30,575	9,959	102,726	37,151	50,546	1.47
1934.....	33,561	10,301	127,802	41,832	56,014	1.47
1935.....	34,104	11,373	125,239	43,198	59,176	1.46
1936.....	42,025	14,119	156,080	51,987	72,188	1.44
1937.....	44,766	14,143	171,268	55,142	76,833	1.43
1938.....	40,212	13,077	170,688	50,555	71,525	1.41
1939.....	46,223	17,423	191,131	59,514	85,800	1.39

<sup>1</sup> Of 2,000 pounds.

<sup>2</sup> Of 42 gallons.

<sup>3</sup> Includes fuel used for standby purposes.

<sup>4</sup> Output by use of wood not included.

<sup>5</sup> Output by use of waste not included.

Source of tables 445 and 446: Federal Power Commission, Electric Power Statistics.

No. 447.—GENERATING PLANTS—INSTALLED CAPACITY, BY TYPE OF PRIME MOVER AND BY CLASS OF OWNERSHIP, BY STATES: 1939

[In thousands of kilowatts. See headnote, table 443]

DIVISION AND STATE	Total	TYPE OF PRIME MOVER			CLASS OF OWNERSHIP					
		Hydro	Steam	Internal combustion	Privately owned			Publicly owned		
					Total	Electric utilities	Other	Total	Municipal electric utilities	Other
United States.....	40,318	11,415	28,047	856	35,363	33,908	1,455	4,955	2,807	2,148
<b>New England.....</b>	<b>3,028</b>	<b>852</b>	<b>2,164</b>	<b>13</b>	<b>2,942</b>	<b>2,663</b>	<b>279</b>	<b>86</b>	<b>74</b>	<b>12</b>
Maine.....	249	192	55	2	247	243	4	2	2	1
New Hampshire.....	318	285	81	1	316	316	(1)	1	1	1
Vermont.....	178	166	12	(1)	169	161	8	9	9	—
Massachusetts.....	1,369	105	1,196	9	1,311	1,108	204	58	52	6
Rhode Island.....	238	3	235	(1)	233	233	—	6	—	6
Connecticut.....	677	91	584	1	607	603	64	9	9	—
Middle Atlantic.....	9,747	1,572	8,141	34	8,598	8,181	418	161	132	19
New York.....	5,505	1,170	4,373	23	5,475	5,078	397	90	74	15
New Jersey.....	1,180	7	1,120	3	1,118	1,105	11	14	11	3
Pennsylvania.....	3,052	395	2,649	9	3,005	2,997	8	47	47	(1)
<b>East North Central.....</b>	<b>9,089</b>	<b>710</b>	<b>8,279</b>	<b>61</b>	<b>8,298</b>	<b>8,232</b>	<b>66</b>	<b>773</b>	<b>644</b>	<b>129</b>
Ohio.....	2,436	13	2,415	8	2,243	2,218	25	194	103	1
Indiana.....	1,237	35	1,183	14	1,049	1,035	15	188	187	1
Illinois.....	2,504	50	2,438	16	2,379	2,370	9	129	95	33
Michigan.....	1,898	345	1,527	26	1,684	1,682	2	215	124	91
Wisconsin.....	993	267	711	16	945	928	17	48	44	4
<b>West North Central.....</b>	<b>3,158</b>	<b>532</b>	<b>2,327</b>	<b>298</b>	<b>2,549</b>	<b>2,422</b>	<b>127</b>	<b>608</b>	<b>528</b>	<b>80</b>
Minnesota.....	676	157	491	28	676	470	106	100	100	—
Iowa.....	691	127	496	68	608	589	19	83	79	4
Missouri.....	771	151	672	47	687	687	—	84	84	—
North Dakota.....	80	—	83	8	82	82	—	8	8	—
South Dakota.....	93	4	60	29	64	64	—	19	19	(1)
Nebraska.....	356	86	219	51	207	207	(1)	140	73	76
Kansas.....	490	7	417	67	325	323	2	166	160	—
<b>South Atlantic.....</b>	<b>4,843</b>	<b>2,061</b>	<b>2,709</b>	<b>73</b>	<b>4,641</b>	<b>4,198</b>	<b>344</b>	<b>302</b>	<b>253</b>	<b>50</b>
Delaware.....	87	—	83	4	28	28	—	9	9	—
Maryland.....	658	271	379	7	641	639	2	17	17	(1)
Dist. of Columbia.....	257	2	255	—	255	255	—	2	2	2
Virginia.....	573	182	381	11	535	488	47	39	27	11
West Virginia.....	733	101	628	5	733	696	37	(1)	(1)	(1)
North Carolina.....	1,064	652	394	8	1,002	749	252	52	50	3
South Carolina.....	634	501	130	3	631	625	6	4	3	1
Georgia.....	481	338	142	2	442	441	1	39	11	28
Florida.....	415	14	367	34	276	275	1	140	137	3
<b>East South Central.....</b>	<b>2,002</b>	<b>1,221</b>	<b>755</b>	<b>25</b>	<b>1,171</b>	<b>1,077</b>	<b>94</b>	<b>891</b>	<b>84</b>	<b>767</b>
Kentucky.....	363	111	249	3	345	345	(1)	18	16	2
Tennessee.....	593	391	199	3	170	89	81	423	21	402
Alabama.....	982	719	268	5	622	610	12	300	2	357
Mississippi.....	64	—	49	15	33	33	1	30	24	6
<b>West South Central.....</b>	<b>2,041</b>	<b>139</b>	<b>1,722</b>	<b>180</b>	<b>1,850</b>	<b>1,820</b>	<b>11</b>	<b>211</b>	<b>189</b>	<b>42</b>
Arkansas.....	161	67	80	14	140	138	2	21	21	—
Louisiana.....	409	—	378	31	374	372	2	38	35	—
Oklahoma.....	303	2	317	48	317	316	1	49	49	—
Texas.....	1,105	71	916	88	1,000	993	6	166	64	42
<b>Mountain.....</b>	<b>2,137</b>	<b>1,581</b>	<b>482</b>	<b>93</b>	<b>1,230</b>	<b>1,165</b>	<b>55</b>	<b>928</b>	<b>62</b>	<b>865</b>
Montana.....	331	321	7	3	330	330	(1)	(1)	(1)	(1)
Idaho.....	261	257	1	3	233	233	(1)	27	8	20
Wyoming.....	85	47	34	4	38	38	5	47	2	45
Colorado.....	285	66	209	10	250	221	29	36	34	1
New Mexico.....	109	1	92	17	106	106	—	3	3	(1)
Arizona.....	416	293	79	44	116	87	29	300	(1)	300
Utah.....	161	92	69	9	145	145	—	16	14	2
Nevada.....	509	504	3	3	12	10	3	497	(1)	497
<b>Pacific.....</b>	<b>4,273</b>	<b>2,748</b>	<b>1,488</b>	<b>57</b>	<b>3,207</b>	<b>3,153</b>	<b>54</b>	<b>1,066</b>	<b>882</b>	<b>184</b>
Washington.....	1,002	785	215	2	592	578	14	411	402	8
Oregon.....	462	278	179	5	355	349	6	107	20	87
California.....	2,808	1,684	1,074	50	2,260	2,226	34	549	460	89

<sup>1</sup> Less than 500.

Source: Federal Power Commission, Electric Power Statistics and supplement thereto.

No. 448.—ELECTRIC ENERGY—PRODUCTION, BY TYPE OF PRIME MOVER AND BY CLASS OF OWNERSHIP, BY STATES: 1939

NOTE.—In millions of kilowatt-hours. See headnote, table 443

DIVISION AND STATE	Total	TYPE OF PRIME MOVER			CLASS OF OWNERSHIP					
		Hydro	Steam	Internal combustion	Privately owned			Publicly owned		
					Total	Electric utilities	Other	Total	Municipal electric utilities	Other
United States.....	150,396	44,022	85,007	1,807	117,772	115,078	2,694	12,564	5,658	6,876
New England.....	8,350	2,876	5,450	25	8,163	7,770	394	187	153	34
Maine.....	873	823	48	2	864	853	10	9	7	2
New Hampshire.....	729	609	119	1	726	720	(1)	3	3	7
Vermont.....	601	600	1	(1)	579	562	17	22	22	22
Massachusetts.....	3,428	580	2,829	19	3,211	3,075	236	117	102	15
Rhode Island.....	732	723	(1)	(1)	710	710	-----	16	-----	16
Connecticut.....	1,987	254	1,730	2	1,908	1,837	131	19	-----	19
Middle Atlantic.....	32,870	7,335	25,579	56	32,840	31,498	1,144	330	246	85
New York.....	17,325	5,906	11,381	37	17,106	16,019	1,086	219	144	75
New Jersey.....	4,566	27	4,562	6	4,565	4,534	31	30	21	9
Pennsylvania.....	11,056	1,402	9,035	13	10,969	10,943	26	61	80	1
East North Central.....	28,995	2,883	26,084	128	28,889	28,088	200	1,708	1,372	334
Ohio.....	8,389	22	8,305	13	7,874	7,789	85	465	464	2
Indiana.....	4,465	117	4,322	26	4,113	4,068	45	252	350	2
Illinois.....	8,200	187	7,983	25	7,948	7,931	17	253	157	96
Michigan.....	6,010	1,303	4,071	36	5,499	5,496	4	511	285	225
Wisconsin.....	7,983	1,254	1,097	29	2,856	2,800	49	126	110	9
West North Central.....	7,880	1,885	5,488	498	6,816	6,596	220	1,043	967	77
Minnesota.....	1,070	642	587	47	1,409	1,317	182	177	177	-----
Iowa.....	2,109	761	1,197	120	1,967	1,923	34	152	144	8
Missouri.....	1,926	307	1,221	77	1,401	1,401	-----	144	144	-----
North Dakota.....	1,608	9	218	8	214	214	-----	13	13	-----
South Dakota.....	1,225	10	93	55	120	120	-----	42	42	(1)
Nebraska.....	804	19	624	81	823	822	(1)	182	113	69
Kansas.....	1,378	16	1,152	110	843	839	4	335	335	-----
South Atlantic.....	15,190	5,562	9,590	108	14,646	14,219	427	644	441	103
Delaware.....	16	-----	10	6	2	2	-----	14	14	-----
Maryland.....	2,144	1,029	1,106	9	2,120	2,114	7	24	23	1
Dist. of Columbia.....	1,116	13	1,104	-----	1,104	1,104	-----	13	-----	13
Virginia.....	1,875	860	1,014	19	1,792	1,670	116	84	54	30
West Virginia.....	3,220	378	2,841	1	3,219	3,141	78	1	(1)	(1)
North Carolina.....	2,489	1,322	1,153	13	2,380	2,187	203	99	88	11
South Carolina.....	1,568	1,231	331	6	1,562	1,541	21	6	3	3
Georgia.....	1,612	1,197	412	3	1,558	1,558	-----	54	15	39
Florida.....	1,150	32	1,067	61	999	997	2	251	243	8
East South Central.....	6,988	5,057	1,890	21	4,251	4,197	54	2,717	107	2,609
Kentucky.....	913	399	512	3	872	871	(1)	42	41	1
Tennessee.....	2,044	1,460	582	2	2,330	2,330	-----	1,437	28	1,177
Alabama.....	3,043	3,198	742	3	2,507	2,457	49	1,205	5	1,432
Mississippi.....	67	54	13	-----	34	33	-----	1	33	(1)
West South Central.....	6,890	239	6,482	258	6,564	6,533	31	416	355	61
Arkansas.....	2,931	107	109	15	2,911	2,897	14	30	30	-----
Louisiana.....	1,885	-----	1,828	57	1,803	1,800	4	82	82	-----
Oklahoma.....	1,112	1	1,030	80	1,015	1,012	3	97	97	-----
Texas.....	3,762	131	3,515	106	3,545	3,525	20	207	147	61
Mountain.....	7,493	6,017	1,307	169	4,386	4,282	124	3,106	148	2,958
Montana.....	1,675	1,156	19	6	4,573	4,572	1	2	(1)	2
Idaho.....	1,127	-----	-----	(1)	973	973	-----	163	30	123
Wyoming.....	740	50	87	4	92	79	13	49	4	45
Colorado.....	760	216	527	18	684	640	44	70	70	8
New Mexico.....	282	2	252	28	273	273	-----	8	(1)	(1)
Arizona.....	1,327	963	266	99	336	282	54	992	(1)	991
Utah.....	425	270	145	10	383	383	-----	42	35	7
Nevada.....	1,855	1,841	11	3	71	59	11	1,784	(1)	1,784
Pacific.....	14,631	12,188	2,299	44	12,018	11,916	100	2,515	1,600	915
Washington.....	3,043	3,420	221	1	2,692	2,675	17	950	904	47
Oregon.....	1,484	1,130	346	9	1,268	1,246	23	216	53	153
California.....	9,404	7,638	1,733	33	8,055	7,995	60	1,348	934	415

<sup>1</sup> Less than 500,000.

Source: Federal Power Commission, Electric Power Statistics and supplement thereto.

## No. 449.—ELECTRIC LIGHT AND POWER INDUSTRY—SUMMARY: 1902 TO 1937

NOTE.—Figures cover all establishments engaged either in the generation and distribution of electric energy, or the distribution or transmission of electric energy, to public or private consumers. Statistics do not include establishments which consume all current generated, such as manufacturing and mining companies, railroads, railways, hotels, and other enterprises not in the nature of public utilities, unless a portion of their generated output is sold commercially. Plants operated by the Federal Government or by States were not included unless energy was sold commercially. For classification of reporting sources for 1937, see table 450

	1902	1912	1917	1922	1927	1932	1937
Number of reporting establishments, <sup>1</sup> total.....	3, 620	5, 221	6, 542	6, 355	4, 335	3, 429	3, 501
Generating all or part of current.....	(2)	4, 646	5, 124	4, 389	2, 331	1, 788	1, 812
Distributing or transmitting only.....	(2)	575	1, 418	1, 966	2, 004	1, 641	1, 689
Number of separate generating stations.....	(2)	(2)	5, 952	5, 444	4, 804	4, 339	<sup>3</sup> 4, 027
Prime movers, hp. (thousands).....	1, 845	7, 530	12, 937	10, 851	35, 710	47, 967	50, 220
Steam engines.....	(2)	1, 895	1, 702	1, 371	994	649	712
Steam turbines.....	1, 394	3, 054	6, 747	12, 355	24, 323	32, 904	33, 177
Internal-combustion engines.....	12	111	210	303	548	881	1, 101
Hydroturbines and water wheels.....	430	2, 469	4, 277	5, 822	9, 844	13, 532	15, 230
Generators, by type of prime mover, rated kilowatt capacity (thousands).....	1, 212	5, 165	8, 904	14, 313	25, 811	34, 623	36, 481
Steam engines.....	(2)	(2)	(2)	(2)	697	453	521
Steam turbines.....	(2)	(2)	6, 209	9, 063	17, 848	24, 033	24, 000
Internal-combustion engines.....	(2)	(2)	(2)	(2)	417	698	702
Hydroturbines and water wheels.....	(2)	(2)	2, 786	4, 351	6, 850	9, 540	10, 598
Output, <sup>4</sup> kilowatt-hours (millions).....		14, 183	31, 044	50, 274	96, 829	111, 716	168, 300
Reported as generated.....	2, 507	11, 569	25, 438	40, 292	74, 686	79, 667	121, 097
By steam.....	(2)	(2)	(2)	(2)	45, 391	45, 375	74, 230
By internal-combustion.....	(2)	(2)	(2)	(2)	577	715	1, 089
By water.....	(2)	(2)	(2)	(2)	28, 718	33, 597	45, 779
Reported as purchased or received from other sources.....	(2)	2, 614	5, 606	9, 983	22, 142	32, 068	47, 202
Number of customers (thousands).....	(2)	3, 838	7, 179	12, 710	21, 790	23, 862	27, 219
Ultimate consumers.....	(2)	(2)	(2)	(2)	21, 786	23, 858	27, 216
Resale.....	(2)	(2)	(2)	(2)	4	3	3
Revenue from elec. service (\$1,000).....	\$4, 187	<sup>5</sup> 287, 130	<sup>5</sup> 502, 060	<sup>5</sup> 1, 020, 439	1, 802, 655	1, 975, 304	2, 356, 513
Ultimate consumers.....	(2)	255, 061	444, 535	945, 428	1, 667, 046	1, 821, 106	2, 177, 617
Resale.....	(2)	31, 177	57, 525	75, 011	135, 610	154, 198	178, 896
Kilowatt-hours sold (millions).....	(2)	(2)	25, 752	41, 965	79, 011	88, 265	132, 930
Ultimate consumers.....	(2)	(2)	18, 287	32, 948	63, 012	65, 896	103, 070
Resale.....	(2)	(2)	7, 465	9, 017	15, 999	22, 369	29, 859
Kilowatt-hours distributed for other purposes (nonrevenue) (millions).....	(2)	(2)	(2)	(2)	17, 817	23, 451	35, 870
Not reported sold.....	(2)	(2)	(2)	(2)	5, 342	9, 759	17, 456
Energy lost in transmission, distribution, conversion, etc.....	(2)	(2)	(2)	7, 135	12, 476	13, 602	17, 914
Percent loss (based on total output).....	(2)	(2)	(2)	14. 2	12. 0	12. 3	10. 6
Employees, number.....	30, 326	79, 335	105, 541	150, 762	251, 020	244, 573	<sup>6</sup> 281, 335
Salaries and wages (\$1,000).....	20, 647	61, 162	95, 242	212, 433	367, 632	<sup>8</sup> 323, 880	470, 353
Operating expenses (includes cost of fuel, purchased and interchanged power, maintenance and other operating expenses) (\$1,000).....	(2)	(2)	(2)	553, 068	760, 484	803, 100	1, 042, 133
Value of electric utility plant (millions of dollars).....	505	2, 176	3, 060	4, 465	<sup>9</sup> 9, 297	12, 664	12, 941
Fuel used for electric generation: <sup>10</sup>							
Coal, anthracite (1,000 short tons).....	(2)	(2)	2, 442	1, 835	2, 002	1, 559	2, 024
Coal, bituminous (1,000 short tons).....	(2)	(2)	19, 385	24, 492	35, 681	25, 998	40, 469
Coke (1,000 short tons).....	(2)	(2)	63	37	32	153	88
Fuel oil (1,000 bbls. of 42 gals.).....	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Gasoline (1,000 bbls. of 42 gals.).....	(2)	(2)	6, 158	11, 856	7, 140	7, 808	13, 896
Gas, manufactured (1,000,000 cubic feet).....	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Gas, natural (1,000,000 cubic feet).....	(2)	(2)	14, 199	20, 174	6, 161	1, 936	4, 878
					59, 362	96, 365	159, 453

<sup>1</sup> The term "establishment" as here used may represent a single electric station (either generating or distributing or both) or a number of such stations operated under the same ownership. <sup>2</sup> Not available.

<sup>3</sup> Comprises 1,112 stations operated by steam; 1,283 by internal-combustion; 1,426 by water; and 206 composite (stations having more than 1 type of prime mover).

<sup>4</sup> Comprises generated output and energy purchased and received from other sources. Since the energy "Received from other sources" was, in a large part, purchased from other electric light and power companies, a considerable duplication is involved, as such energy would also be included in the "Generated."

<sup>5</sup> Includes "Estimated value of free service."<sup>6</sup> Number on June 30.

<sup>7</sup> Reported by commercial establishments only. No data for municipal establishments.

<sup>8</sup> Not comparable with figures for other years since amount includes only salaries and wages chargeable to electric operating service.

<sup>9</sup> Includes value of plant and equipment, \$902,000,000, owned by companies engaged in the operation of electric light and power plants and other public utilities, not distributed among the several utilities.

<sup>10</sup> In addition, hogged fuel, sawmill, and other waste were reported.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry.

**No. 450.—ELECTRIC LIGHT AND POWER INDUSTRY—GENERATING FACILITIES, ENERGY GENERATED, AND FUEL CONSUMED, BY REPORTING SOURCES: 1937**

*Note.*—The system of classification by reporting sources, as shown in this table, is a new one recently adopted by the Bureau of the Census in collaboration with the Federal Power Commission. This classification differs slightly from that employed by the Federal Power Commission. (See headnote, table 443.) The differences in the figures are due mainly (1) to the inclusion in the census survey of data for certain small concerns not canvassed by the Federal Power Commission, and (2) to the inclusion in the Federal Power Commission survey of data for a larger proportion of the energy output of certain concerns grouped under "Other sources" than is accounted for in the census survey.

	All sources	Privately owned electric utilities	Municipally owned electric utilities	Cooperatives, power districts, etc.	Federal and State	Other sources <sup>1</sup>
Number of reporting establishments, companies or systems.....	3, 601	1, 340	1, 860	181	25	95
Number generating all or part of current.....	1, 812	818	885	16	18	75
Number reporting distribution or transmission only.....	1, 089	522	975	165	7	20
Number of generating stations.....	4, 027	2, 916	983	27	28	93
Steam.....	1, 112	813	257	2	5	35
Internal-combustion.....	1, 283	748	523	4	2	6
Water.....	1, 426	1, 226	120	21	21	38
Composite <sup>2</sup> .....	206	129	63	-----	-----	14
<b>Generators by type of prime mover:</b>						
Total number.....	10, 721	7, 643	2, 763	66	72	287
Total kilowatt capacity (thousands).....	36, 481	32, 193	2, 499	147	859	783
Steam engines:						
Number.....	861	528	292	3	2	38
Kilowatt capacity (thousands).....	521	417	91	2	(4)	11
Steam turbines:						
Number.....	2, 725	2, 060	562	3	8	94
Kilowatt capacity (thousands).....	24, 600	22, 824	1, 401	1	65	308
Internal-combustion:						
Number.....	3, 490	1, 835	1, 622	8	4	21
Kilowatt capacity (thousands).....	762	381	374	2	2	3
Hydroturbines and water wheels:						
Number.....	3, 645	3, 120	277	55	58	134
Kilowatt capacity (thousands).....	10, 598	8, 570	634	142	791	400
Generated output (millions of kilowatt-hours).....	121, 097	109, 920	5, 254	766	1, 954	3, 204
By steam.....	74, 230	70, 716	2, 675	-----	(5)	838
By internal-combustion.....	1, 039	396	678	6	3	5
By water power.....	45, 779	38, 807	1, 900	760	1, 951	2, 361
<b>Fuel used for electric generation:<sup>6</sup></b>						
Coal, anthracite (thousands of tons of 2,000 pounds).....	2, 024	1, 930	93	-----	-----	1
Coal, bituminous (thousands of tons of 2,000 pounds).....	40, 469	37, 816	2, 128	-----	1	524
Coke (thousands of tons of 2,000 pounds).....	88	85	4	-----	-----	-----
Fuel oil (thousands of barrels of 42 gallons).....	13, 899	11, 275	2, 590	13	7	14
Gas, natural (1,000,000 cubic feet).....	159, 453	146, 823	12, 630	-----	-----	-----

<sup>1</sup> Includes statistics for privately owned concerns (manufacturing and mining companies, railways, and railroads) and publicly owned ones (United States national parks, State colleges, and certain municipal plants).

<sup>2</sup> Stations having more than 1 type of prime mover.

<sup>3</sup> Reported as idle equipment.

<sup>4</sup> Less than 500.

<sup>5</sup> Less than 500,000.

<sup>6</sup> In addition, the following kinds of fuel were used in electric generation: Manufactured gas, hogged fuel, and sawmill, and other waste.

<sup>7</sup> Includes 3,000 barrels of gasoline.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry.

**No. 451.—SALES OF ELECTRIC ENERGY—NUMBER OF CUSTOMERS, ENERGY SOLD, AND REVENUE FROM ELECTRIC SERVICE: 1937**

CLASS OF SERVICE	Number of customers	ENERGY SOLD		REVENUE FROM ELECTRIC SERVICE		
		Kilowatt-hours (millions)	Average kilowatt-hours per customer	Amount (thousands of dollars)	Average per customer (dollars)	Average per kilowatt-hour (cents)
Total sales.....	27, 219, 362	132, 930	4, 884	2, 356, 513	87	1. 8
Sales to ultimate consumers, total.....	27, 216, 356	103, 070	3, 787	2, 177, 617	80	2. 1
Residential or domestic sales:						
Farm.....	615, 136	667	1, 084	24, 830	40	3. 7
Nonfarm.....	21, 589, 895	16, 815	779	729, 363	34	4. 3
Rural—distinct rural rates only:						
Farm.....	538, 283	981	1, 822	31, 140	58	3. 2
Nonfarm.....	169, 382	306	1, 809	10, 464	62	3. 4
Commercial and industrial sales:						
Farm.....	61, 084	1, 024	16, 513	15, 197	245	1. 5
Nonfarm.....	4, 144, 195	69, 911	16, 870	1, 189, 860	287	1. 7
Public street and highway lighting.....	23, 182	2, 036	87, 812	78, 859	3, 186	3. 6
Other sales to public authorities.....	69, 458	2, 416	34, 780	37, 269	537	1. 5

No. 451.—SALES OF ELECTRIC ENERGY—NUMBER OF CUSTOMERS, ENERGY SOLD, AND REVENUE FROM ELECTRIC SERVICE: 1937—Continued

CLASS OF SERVICE	Number of customers	ENERGY SOLD		REVENUE FROM ELECTRIC SERVICE		
		Kilowatt-hours (millions)	Average kilowatt-hours per customer	Amount (thousands of dollars)	Average per customer (dollars)	Average per kilowatt-hour (cents)
Sales to ultimate consumers—Con.						
Sales to railroads and railways:						
Street and interurban railways.....	374	4,888	13,069,273	42,473	113,564	0.9
Electrified steam-railroad divisions.....	102	1,558	15,279,160	14,043	137,677	.9
Interdepartmental.....	1,627	2,272	1,396,661	10,194	6,265	.4
Other sales to ultimate consumers.....	2,718	197	72,357	1,917	6,705	1.0
Sales for resale, total.....	3,028	29,859	9,867,519	178,866	59,120	.6
Sales to other electric utilities:						
Municipal distribution systems.....	1,110	2,447	2,204,443	18,326	16,510	.7
Mutual or cooperative undertakings.....	196	71	361,690	479	2,443	.7
Other electric companies.....	1,675	27,282	10,287,780	159,665	95,322	.6
Other sales for resale.....	45	50	1,316,967	426	9,466	.7

No. 452.—SALES TO ULTIMATE CONSUMERS—NUMBER OF CUSTOMERS, ENERGY SOLD, AND REVENUE FROM ELECTRIC SERVICE, BY CLASS OF SERVICE, PRIVATELY OWNED AND MUNICIPALLY OWNED ELECTRIC UTILITIES: 1937

CLASS OF SERVICE	TOTAL	PRIVATELY OWNED ELECTRIC UTILITIES	MUNICIPALLY OWNED ELECTRIC UTILITIES	TOTAL	PRIVATELY OWNED ELECTRIC UTILITIES	MUNICIPALLY OWNED ELECTRIC UTILITIES
	Number of customers			Energy sold (thousands of kilowatt-hours)		
Total.....	27,089,852	24,432,724	2,656,958	99,198,413	93,524,014	5,674,399
Residential or domestic sales:						
Farm.....	588,292	556,244	32,048	628,036	603,286	24,751
Nonfarm.....	21,840,429	19,365,677	2,474,752	16,769,276	14,921,016	1,848,260
Rural—distinct rural rates only:						
Farm.....	505,069	478,011	27,058	956,318	938,650	20,668
Nonfarm.....	168,086	156,686	12,500	302,587	287,311	15,246
Commercial and industrial sales:						
Farm.....	60,520	59,127	1,402	936,575	923,616	12,959
Nonfarm.....	4,130,812	3,731,207	399,605	68,724,014	65,609,765	3,114,249
Public street and highway lighting.....	23,033	20,736	2,297	1,853,000	1,582,911	270,089
Other sales to public authorities.....	69,262	63,760	5,502	2,370,688	2,202,021	168,665
Sales to railroads and railways:						
Street and interurban railways.....	469	324	71	6,185,718	4,748,354	44,348
Electrified steam-railroad divisions.....						
Interdepartmental.....	1,410	205	1,205	336,381	194,767	141,616
Other sales to ultimate consumers.....	2,291	1,833	458	132,861	119,800	13,060
	Revenue from electric service (thousands of dollars)			Revenue per kilowatt-hour (cents)		
Total.....	2,156,476	2,006,933	149,545	2.2	2.1	2.6
Residential or domestic sales:						
Farm.....	23,826	22,736	1,090	3.8	3.8	4.4
Nonfarm.....	724,858	654,787	70,071	4.3	4.4	3.8
Rural—distinct rural rates only:						
Farm.....	30,299	29,274	1,025	3.2	3.1	5.0
Nonfarm.....	10,375	9,698	677	3.4	3.4	4.4
Commercial and industrial sales:						
Farm.....	14,366	14,096	269	1.5	1.5	2.1
Nonfarm.....	1,184,380	1,120,173	64,207	1.7	1.7	2.1
Public street and highway lighting.....	72,511	65,537	6,974	3.9	4.1	2.6
Other sales to public authorities.....	36,991	34,260	2,731	1.6	1.6	1.6
Sales to railroads and railways:						
Street and interurban railways.....	53,576	40,015	513	.9	.9	1.1
Electrified steam-railroad divisions.....						
Interdepartmental.....	3,956	2,127	1,829	1.2	1.1	1.3
Other sales to ultimate consumers.....	1,340	1,183	157	1.0	1.0	1.2

Source of tables 451 and 452: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry.

NO. 453.—GENERATOR CAPACITY AND ENERGY GENERATED, ALL PLANTS,  
AND ENERGY GENERATED, PRIVATELY OWNED AND MUNICIPALLY OWNED  
ELECTRIC UTILITIES, BY STATES: 1937

DIVISION AND STATE	RATED GENERATOR CAPACITY (THOUSANDS OF KILOWATTS)				ENERGY GENERATED (MILLIONS OF KILO- WATT-HOURS)				
	Total		Fuel	Hydro	Total		Privately owned and municipally owned		
	1932	1937	1937	1937	1932	1937	1937	Privately owned	Municipally owned
	1932	1937	1937	1937	1932	1937	1937	1937	1937
United States.....	34, 823	36, 481	25, 883	10, 598	79, 657	121, 097	116, 173	109, 920	5, 264
New England.....	2, 839	2, 758	1, 858	917	5, 830	7, 677	7, 337	7, 202	135
Maine.....	265	200	87	202	762	1, 033	847	845	2
New Hampshire.....	283	299	62	237	681	760	760	757	3
Vermont and Rhode Island.....	432	405	239	165	811	1, 293	1, 284	1, 245	20
Massachusetts.....	1, 156	1, 210	992	218	2, 153	2, 852	2, 823	2, 735	92
Connecticut.....	503	579	485	94	913	1, 039	1, 038	1, 021	18
Middle Atlantic.....	8, 271	8, 838	7, 325	1, 514	20, 341	29, 776	29, 354	29, 142	213
New York.....	4, 573	4, 837	3, 723	1, 114	10, 977	15, 683	15, 233	15, 103	129
New Jersey.....	1, 062	1, 067	1, 064	2	2, 991	3, 708	3, 681	3, 664	17
Pennsylvania.....	2, 631	2, 934	2, 540	394	6, 374	10, 486	10, 436	10, 369	67
East North Central.....	8, 247	8, 289	7, 594	696	13, 106	28, 592	28, 138	28, 948	1, 192
Ohio.....	2, 146	2, 170	2, 167	12	4, 369	8, 070	8, 070	7, 644	426
Indiana.....	2, 388	2, 397	1, 009	35	2, 823	3, 737	3, 736	3, 449	287
Illinois.....	2, 606	2, 397	2, 350	47	5, 447	8, 060	7, 863	7, 740	123
Michigan.....	1, 657	1, 754	1, 395	359	3, 533	6, 028	5, 774	5, 516	258
Wisconsin.....	850	920	879	241	1, 835	2, 997	2, 996	2, 507	99
West North Central.....	2, 815	2, 728	2, 289	436	6, 558	7, 565	7, 545	6, 736	809
Minnesota.....	477	516	391	125	995	1, 481	1, 481	1, 344	136
Iowa.....	600	608	475	133	1, 438	1, 887	1, 879	1, 761	118
Missouri.....	717	768	609	167	1, 214	1, 871	1, 871	1, 749	121
North Dakota.....	67	73	73	5	140	201	201	191	9
South Dakota.....	77	77	72	5	87	145	145	110	34
Nebraska.....	252	270	257	12	662	704	703	601	103
Kansas.....	431	419	412	7	876	1, 266	1, 266	979	287
South Atlantic.....	4, 391	4, 448	2, 453	2, 018	9, 459	15, 060	13, 685	13, 284	371
Delaware, Maryland, and District of Columbia.....	857	845	573	271	2, 232	2, 966	2, 966	2, 934	32
Virginia.....	409	439	342	97	692	1, 639	1, 610	1, 563	47
West Virginia.....	539	639	538	101	1, 442	2, 894	2, 829	2, 829	(*)
North Carolina.....	1, 005	992	340	653	1, 651	3, 216	1, 875	1, 805	70
South Carolina.....	643	676	138	538	1, 295	1, 752	1, 723	1, 716	7
Georgia.....	475	484	142	341	1, 269	1, 759	1, 730	1, 724	13
Florida.....	363	373	359	14	607	915	915	714	201
East South Central.....	1, 480	1, 858	756	1, 102	2, 994	5, 685	4, 594	4, 492	102
Kentucky.....	340	343	238	105	682	895	892	853	34
Tennessee.....	426	526	208	318	1, 050	1, 841	1, 266	1, 241	25
Alabama.....	649	923	244	679	1, 210	2, 772	2, 359	2, 347	12
Mississippi.....	66	65	65	5	62	78	78	46	52
West South Central.....	1, 792	1, 791	1, 690	102	4, 308	6, 484	6, 361	6, 096	284
Arkansas.....	153	161	95	67	155	279	282	238	25
Louisiana.....	329	328	328	5	1, 772	1, 731	1, 688	1, 622	66
Oklahoma.....	343	338	335	2	725	1, 108	1, 105	1, 025	80
Texas.....	968	968	933	33	2, 256	3, 346	3, 335	3, 211	124
Mountain.....	1, 157	1, 683	501	1, 182	2, 347	5, 732	4, 061	3, 879	122
Montana.....	313	278	12	266	636	1, 319	1, 318	1, 317	1
Idaho.....	203	260	5	255	473	974	879	854	21
Wyoming.....	36	63	47	16	75	162	79	76	4
Colorado.....	221	228	163	65	437	682	678	615	61
Arizona and New Mexico.....	223	306	177	128	413	904	493	489	4
Utah.....	137	160	69	92	276	520	515	484	31
Nevada.....	13	368	28	340	38	1, 223	45	45	(*)
Pacific.....	4, 129	4, 113	1, 457	2, 657	11, 415	14, 688	14, 158	12, 142	1, 445
Washington.....	383	1, 006	205	801	2, 545	3, 693	3, 065	2, 855	210
Oregon.....	382	371	181	190	960	1, 393	1, 374	1, 317	67
California.....	2, 864	2, 736	1, 071	1, 666	7, 901	9, 599	9, 110	7, 970	1, 148

\* Combined to avoid disclosing the operations of individual establishments.

† Less than 500,000.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry.

No. 454.—ELECTRIC LIGHT AND POWER INDUSTRY—OUTPUT, SALES, REVENUE,  
AND CUSTOMERS: 1926 TO 1939

	1926	1930	1935	1937	1938	1939
Current generated.....million kilowatt-hours.....	67,990	88,692	92,811	115,166	109,691	122,463
Sales to ultimate consumers.....do.....	56,089	74,906	77,596	99,446	93,894	108,087
Farm service.....	723	1,789	1,692	2,389	2,528	3,320
Residential service.....	6,727	10,702	13,496	16,875	18,461	19,740
Commercial service.....	41,477	54,092	54,463	71,104	63,216	73,009
All other.....	7,163	8,323	7,955	9,077	9,689	10,018
Revenue from ultimate consumers, 1,000 dollars.....	1,520,159	1,990,955	1,911,989	2,180,788	2,168,495	2,293,844
Farm service.....	21,637	46,090	48,405	67,947	75,046	94,000
Residential service.....	469,272	642,273	673,526	740,219	778,003	795,584
Commercial service.....	903,594	1,142,060	1,050,320	1,219,897	1,155,228	1,242,678
All other.....	125,655	159,924	139,739	152,724	150,318	161,882
Customers on December 31st.....thousands.....	20,295	24,558	26,313	27,184	27,851	29,104
Farm.....	300	650	789	1,242	1,407	1,783
Residential.....	16,516	19,880	20,446	21,698	22,110	22,813
Commercial.....	3,437	3,072	4,015	4,151	4,231	4,400
All other.....	33	53	62	74	103	105

Source: Edison Electric Institute, New York, N. Y., annual statistical bulletin.

No. 455.—AVERAGE TYPICAL BILLS FOR SPECIFIED QUANTITIES OF ELECTRIC  
ENERGY IN CITIES OF 50,000 POPULATION OR MORE: 1924 TO 1940

NOTE.—The 25, 100, and 250 kilowatt-hour consumptions were chosen to represent the typical usage, respectively, of residential consumers who use electricity for lighting and the operation of small appliances only; for lighting, small appliances, and refrigeration; and for lighting, small appliances, refrigeration, and cooking.

DATE	AVERAGE BILL IN DOLLARS FOR—			AVERAGE BILL IN CENTS PER KILOWATT-HOUR FOR—			INDEX OF AVERAGE BILL (JAN. 1, 1936=100) FOR—		
	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Oct. 1, 1924 <sup>1</sup> .....	1.92	6.18	13.36	7.7	6.2	5.3	122.3	138.9	149.1
Oct. 1, 1925 <sup>1</sup> .....	1.88	6.00	12.96	7.5	6.0	5.2	119.7	134.8	144.5
Oct. 1, 1926 <sup>1</sup> .....	1.86	5.85	12.57	7.4	5.9	5.0	118.5	131.5	140.3
Oct. 1, 1927 <sup>1</sup> .....	1.81	5.58	11.94	7.2	5.6	4.8	115.3	125.4	133.3
Oct. 1, 1928 <sup>1</sup> .....	1.76	5.34	11.25	7.0	5.3	4.5	112.1	120.0	125.6
Oct. 1, 1929 <sup>1</sup> .....	1.73	5.13	10.69	6.9	5.1	4.3	110.2	115.3	119.3
Oct. 1, 1930 <sup>1</sup> .....	1.70	4.98	10.38	6.8	5.0	4.2	108.3	111.9	115.8
Oct. 1, 1931 <sup>1</sup> .....	1.69	4.72	9.58	6.8	4.7	3.8	107.6	106.1	106.9
Oct. 1, 1932 <sup>1</sup> .....	1.67	4.65	9.42	6.7	4.7	3.8	106.4	104.5	105.1
Oct. 1, 1933 <sup>1</sup> .....	1.63	4.58	9.26	6.5	4.6	3.7	103.8	102.9	103.3
Oct. 1, 1934 <sup>1</sup> .....	1.58	4.47	8.98	6.3	4.5	3.6	100.6	100.4	100.2
Jan. 1, 1935 <sup>2</sup> .....	1.57	4.45	8.96	6.3	4.5	3.6	100.0	100.0	100.0
Jan. 1, 1935 <sup>2</sup> .....	1.60	4.47	8.90	6.3	4.5	3.6	100.0	100.0	100.0
Jan. 1, 1936 <sup>2</sup> .....	1.53	4.21	7.85	6.1	4.2	3.1	95.6	94.2	88.2
Jan. 1, 1937 <sup>2</sup> .....	1.45	4.10	7.51	5.8	4.1	3.0	90.6	91.7	84.4
Jan. 1, 1938 <sup>2</sup> .....	1.43	4.03	7.34	5.7	4.0	2.9	89.4	90.2	82.5
Jan. 1, 1939 <sup>2</sup> .....	1.40	3.96	7.21	5.6	4.0	2.9	87.5	88.6	81.0
Jan. 1, 1940 <sup>2</sup> .....	1.36	3.88	7.05	5.4	3.9	2.8	85.0	86.8	79.2

<sup>1</sup> Average bills are for a selected group of 150 cities.

<sup>2</sup> Average bills are for all cities of 50,000 population or more. Index numbers are adjusted to be comparable with earlier years.

Source: Federal Power Commission, reports on rates



No. 456.—NET MONTHLY BILL FOR SPECIFIED QUANTITIES OF ELECTRIC ENERGY, BASED ON RATES AS OF DEC. 15, 1938 AND 1939, BY CITIES

[P=Private utility; M=Municipal plant; prices are based on average consumption for a 5-room house]

	DEC. 15, 1938			DEC. 15, 1939		
	Lighting and small energy-consuming appliances	Lighting, small appliances, and refrigerator	Lighting, small appliances, refrigerator, and range	Lighting and small energy-consuming appliances	Lighting, small appliances, and refrigerator	Lighting, small appliances, refrigerator, and range
	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Atlanta:						
Immediate.....P	\$1.45	\$3.95	\$6.57	\$1.45	\$3.95	\$6.57
Inducement <sup>1</sup> .....P	1.22	3.85	6.57	1.22	3.50	6.12
Baltimore.....P	1.13	3.90	8.20	1.06	3.78	7.68
Birmingham.....P	.98	3.20	6.95	.81	2.75	6.13
Boston.....P	1.55	5.10	9.60	1.55	5.10	9.60
Bridgeport.....P	1.31	4.03	7.28	1.31	4.03	7.28
Buffalo.....P	1.13	3.06	5.31	1.13	3.06	5.31
Butte.....P	1.55	4.43	7.93	1.50	4.25	7.75
Charleston, S. O.....P	1.50	4.20	6.82	1.45	3.93	6.67
Chicago.....P	1.34	3.65	6.65	1.34	3.65	6.65
Cincinnati.....P	1.00	2.50	4.75	1.00	2.50	4.75
Cleveland.....P	1.00	3.75	7.25	1.00	3.75	7.25
.....M	.85	2.80	5.55	.80	2.65	5.40
Columbus.....P	1.25	4.50	8.50	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
.....M	1.00	3.80	8.30	1.00	3.80	8.30
Dallas.....P	1.00	3.01	7.51	1.00	3.01	7.51
Denver <sup>2</sup> .....P	1.53	4.90	9.49	1.28	4.49	8.47
Detroit <sup>4</sup> & <sup>5</sup> .....P	1.39	3.48	6.95	1.39	3.48	6.95
Fall River.....P	1.58	4.98	9.13	1.58	4.98	9.13
Houston.....P	1.20	3.83	7.08	1.01	3.68	6.83
Indianapolis.....P	1.38	4.00	7.10	1.25	3.85	6.95
Jacksonville.....M	1.50	4.60	7.60	1.50	4.60	7.60
Kansas City <sup>3</sup> .....P	1.28	3.83	7.65	1.28	3.83	7.65
Little Rock <sup>3</sup> .....P	1.79	5.10	8.67	1.51	4.18	8.26
Los Angeles.....M	1.10	2.97	5.10	1.10	2.97	5.10
Louisville <sup>4</sup> .....P	1.03	3.61	6.70	1.03	3.61	6.70
Manchester.....P	2.00	5.00	8.00	2.00	5.00	8.00
Memphis <sup>6</sup> .....P	.86	2.88	5.75	.86	2.88	5.75
Milwaukee.....P	1.41	3.35	6.23	1.41	3.35	6.23
Minneapolis.....P	1.19	3.56	6.65	1.19	3.56	6.65
Mobile:						
Present.....P	1.45	3.95	6.58			
Objective <sup>1</sup> .....P	1.20	3.50	6.13	1.20	3.50	6.13
Newark.....P	1.81	4.39	8.64	1.81	4.39	8.64
New Haven.....P	1.31	4.03	7.28	1.31	4.03	7.28
New Orleans.....P	1.58	4.80	8.50	1.50	4.40	8.10
New York: <sup>4</sup>						
Bronx.....P	1.71	4.86	8.24	1.71	4.86	8.24
Brooklyn.....P	1.71	4.86	8.24	1.71	4.86	8.24
Manhattan.....P	1.71	4.86	8.24	1.71	4.86	8.24
Queens.....P	1.71	4.86	8.24	1.71	4.86	8.24
.....P	1.97	6.14	10.77	1.61	4.81	8.93
Richmond.....P	1.75	5.05	8.14	1.75	5.05	8.14
Norfolk.....P	1.25	4.63	7.63	1.25	4.25	7.60
Omaha.....P	1.19	3.88	7.78	1.02	3.64	7.42
Peoria.....P	1.25	3.34	6.09	1.25	3.34	6.09
Philadelphia.....P	<sup>3</sup> 1.43	<sup>3</sup> 3.84	<sup>3</sup> 6.90	1.40	3.63	6.18
Pittsburgh.....P	1.25	4.00	7.50	1.25	4.00	7.50
Portland, Maine.....P	1.85	4.70	7.70	1.85	4.70	7.70
Portland, Oreg. <sup>7</sup> .....P	1.25	3.37	6.07	1.25	3.37	6.07
Providence.....P	1.76	5.50	9.50	1.64	5.00	9.25
Richmond.....P	1.25	4.63	7.63	1.25	4.25	7.60
Rochester.....P	1.59	4.41	7.83	1.59	4.41	7.83
St. Louis <sup>3</sup> & <sup>4</sup> .....P	1.21	3.20	6.35	1.21	3.20	6.35
.....P	1.09	2.91	5.81	1.09	2.91	5.81
St. Paul.....P	1.25	3.75	7.00	1.25	3.75	7.00
Salt Lake City <sup>4</sup> .....P	1.63	3.83	7.14	1.38	3.83	7.14
San Francisco.....P	1.30	3.09	5.89	1.23	2.99	5.79
Savannah.....P	1.62	4.57	7.97	1.45	4.20	6.95
Scranton.....P	1.25	3.85	7.10	1.25	3.85	7.10
Seattle.....P	1.25	3.20	6.08	1.13	3.00	5.63
.....M	1.25	3.20	6.10	1.13	3.00	5.63
Springfield, Ill.....P	1.25	3.02	5.22	1.25	3.02	5.22
.....M	1.25	3.02	4.80	1.25	3.02	4.80
Washington.....P	.98	2.85	5.10	.98	2.71	5.01

<sup>1</sup> Rate designed to encourage greater use of electricity.      <sup>2</sup> Data not available.  
<sup>3</sup> Includes 2-percent sales tax.      <sup>4</sup> Includes 3-percent sales tax.      <sup>5</sup> Includes free lamp-renewal service.  
<sup>6</sup> Private utility taken over by municipal company June 27, 1939.  
<sup>7</sup> Reports from 2 companies with identical rates.

Source: Department of Labor, Bureau of Labor Statistics. Figures published in December Retail Prices.

No. 457.—WATER POWER, DEVELOPED AND POTENTIAL: 1921 TO 1940

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. Potential power figures are 1936 revised estimates showing the 24-hour horsepower available 60 percent of the time and 60 percent of the time at an over-all efficiency of 70 percent at all developed and undeveloped sites. Data for potential power are not directly comparable with those for developed power, because developed power is usually given in terms of the capacity of installed water wheels or turbines, which may be several times the potential power available 90 percent of the time. Probably with complete development of the water-power resources of the whole country the installed capacity would amount to 80,000,000 horsepower or more

DIVISION AND STATE	DEVELOPED WATER POWER (CAPACITY OF ACTUAL INSTALLATION)							POTENTIAL WATER POWER AVAILABLE—	
	November 1921	March 1925	January 1930	January 1935	January 1938	January 1939	January 1940	90 per cent of the time	50 per cent of the time
Continental U. S.	7,927	10,048	13,808	18,075	17,285	17,949	18,500	42,768	67,184
New England	1,311	1,399	1,643	2,008	2,004	2,005	1,971	988	1,641
Maine	450	477	541	616	593	603	612	524	806
New Hampshire	229	243	278	575	477	475	486	167	268
Vermont	130	108	200	192	274	287	270	115	193
Massachusetts	338	344	332	422	441	459	392	125	211
Rhode Island	30	30	30	29	28	28	28	5	5
Connecticut	134	136	173	173	151	173	162	52	125
Middle Atlantic	1,479	1,958	2,119	2,466	2,439	2,498	2,439	4,895	6,242
New York	1,292	1,714	1,805	1,885	1,858	1,847	1,850	4,296	5,184
New Jersey	17	19	18	17	16	16	17	32	60
Pennsylvania	170	220	291	555	502	553	565	567	998
East North Central	739	885	1,075	1,189	1,180	1,224	1,219	999	1,640
Ohio	29	30	30	23	23	24	25	31	77
Indiana	27	51	55	55	53	53	53	60	159
Illinois	85	87	95	88	85	89	93	214	497
Michigan	267	305	379	477	515	527	535	270	400
Wisconsin	331	413	517	546	593	520	513	294	507
West North Central	444	516	551	750	840	833	870	1,172	1,884
Minnesota	265	263	287	272	268	265	263	210	388
Iowa	173	177	181	183	178	179	207	95	232
Missouri	18	20	23	335	230	236	247	420	676
North Dakota	(1)	(1)	(1)	(1)	20	20	20	61	89
South Dakota	18	19	19	20	20	20	19	211	278
Nebraska	15	21	24	24	124	120	120	101	138
Kansas	15	14	16	16	14	13	13	78	103
South Atlantic	1,082	1,594	2,057	3,173	3,224	3,271	3,407	2,998	4,058
Delaware	3	3	1	1	1	1	1	2	5
Maryland	7	7	416	404	404	405	405	200	286
Dist. of Columbia	1	1	6	6	6	6	6	1	1
Virginia	104	118	126	154	151	160	278	463	649
West Virginia	15	15	39	227	272	301	308	593	785
North Carolina	330	535	947	680	947	948	954	582	818
South Carolina	330	507	574	811	837	836	838	477	752
Georgia	286	400	473	569	584	583	595	622	729
Florida	7	9	25	20	22	22	22	27	34
East South Central	241	392	1,169	1,303	1,608	1,717	1,855	2,660	3,781
Kentucky	1	1	145	145	141	154	151	386	543
Tennessee	127	106	179	201	423	519	588	1,280	1,800
Alabama	113	224	845	867	1,044	1,044	1,145	880	1,280
Mississippi								124	138
West South Central	16	31	46	150	150	187	198	704	907
Arkansas				95	95	95	95	388	518
Louisiana	1	16	16					70	74
Oklahoma	2	2	3	2	2	3	3	126	175
Texas	13	14	31	53	53	100	100	150	200
Mountain	827	937	1,185	1,180	1,768	2,084	2,357	10,775	13,031
Montana	344	360	419	428	431	511	507	1,306	1,853
Idaho	224	209	358	342	364	388	390	2,706	3,088
Wyoming	8	8	19	23	24	24	24	70	87
Colorado	92	91	98	102	105	110	111	647	851
New Mexico	1	1	2	2	2	2	2	59	134
Arizona	99	49	120	137	195	195	427	3,710	3,810
Utah	106	115	156	144	150	142	142	1,500	1,590
Nevada	13	14	14	13	43	712	705	270	277
Pacific	1,789	2,336	3,865	3,851	4,065	4,162	4,181	17,734	23,980
Washington	454	561	700	1,037	1,254	1,253	1,213	8,768	12,021
Oregon	185	244	299	363	367	463	515	4,361	5,956
California	1,149	1,531	2,361	2,450	2,444	2,441	2,433	4,605	5,983
Outlying areas:									
Alaska		40	36	(2)	(2)	48	48	1,000	2,500
Hawaii		25	32	(2)	(2)	32	32	19	28
Puerto Rico		15	(2)	(2)	(2)	38	43	72	174

<sup>1</sup> Less than 500.

<sup>2</sup> Not available.

<sup>3</sup> Capacity in 1928.

Source: Figures for 1937 and prior years, Department of Interior, Geological Survey. Figures for 1938, 1939, and 1940, Federal Power Commission, report on Total Installed Capacity of Water Wheels in the United States and Outlying Territories.

# 19. PUBLIC ROADS AND MOTOR VEHICLES

## No. 458.—RURAL ROADS—MILEAGE, FUNDS AVAILABLE, AND DISBURSEMENTS, 1921 TO 1939, AND CONSTRUCTION UNDER FEDERAL AID, 1930 TO 1939

NOTE.—Figures cover continental United States, except as noted, and refer to calendar years for most States. Mileage data included for 1921 and 1926 were obtained from county records; figures for 1929 and 1930 include some estimates. No data available for county and township roads after 1930, except for those under State control

ITEM	1921	1926	1929	1930
<b>ALL RURAL ROADS</b>				
Total mileage at end of year.....	2,941,294	3,000,190	3,024,233	3,009,066
Earth roads.....	2,553,534	2,450,120	2,361,708	2,315,507
Surfaced roads.....	387,700	550,004	662,435	603,550
Low type <sup>1</sup> .....	340,583	467,077	549,981	507,851
High type <sup>1</sup> .....	47,117	82,927	112,454	125,708
Total mileage built during year.....	110,976	116,413	78,003	87,717
Earth roads (graded and drained).....	89,804	60,050	23,128	24,370
Surfaced roads <sup>4</sup> .....	41,172	56,354	54,875	63,347
Low type <sup>1</sup> .....	33,033	46,746	42,548	48,307
High type <sup>1</sup> .....	8,089	9,608	12,327	14,950
Funds available for rural road purposes, all authorities <sup>5</sup> (1,000 dollars).....	71,109,896	1,640,451	2,042,400	2,302,646
Motor vehicle fees, gasoline taxes.....	119,915	436,449	687,730	862,933
Other taxes and appropriations.....	415,747	491,194	500,908	537,951
Proceeds of bonds.....	434,573	272,422	271,864	316,973
Federal aid <sup>6</sup> .....	77,457	79,163	77,573	92,463
All other sources.....	7,02,205	361,224	444,324	492,326
Disbursements for rural roads and bridges, all roads, by all authorities (1,000 dollars).....	1,027,493	1,276,098	1,616,619	1,885,851
Highway purposes—				
Construction.....	622,172	621,893	813,982	1,009,712
Maintenance.....	250,559	338,853	433,538	475,012
Other expenditures.....	121,372	203,002	197,148	194,809
All other disbursements.....	33,389	112,950	170,850	205,357

ITEM	1930	1935	1936	1937	1938	1939
Total mileage of State highway systems at end of year <sup>7</sup> .....	324,466	<sup>10</sup> 331,867	<sup>10</sup> 340,180	<sup>10</sup> 327,162	<sup>10</sup> 326,852	(11)
Earth roads.....	98,275	52,000	51,057	41,061	34,002	(11)
Surfaced roads.....	226,221	270,807	289,103	286,001	292,850	(11)
Low type <sup>1</sup> .....	142,109	168,282	175,408	190,327	173,369	(11)
High type <sup>1</sup> .....	84,112	111,525	113,695	116,704	119,481	(11)
Total mileage of State highway systems built during year <sup>8</sup> .....	35,277	<sup>10</sup> 23,515	<sup>10</sup> 26,856	<sup>10</sup> 24,694	<sup>10</sup> 26,487	(11)
Earth roads (graded and drained).....	7,813	2,812	2,971	1,489	1,045	(11)
Surfaced roads <sup>4</sup> .....	27,464	20,703	23,885	23,205	24,422	(11)
Low type <sup>1</sup> .....	16,677	17,562	19,626	17,471	19,341	(11)
High type <sup>1</sup> .....	10,787	3,141	4,259	5,734	5,081	(11)
Funds available to State highway departments <sup>12</sup> (1,000 dollars).....	1,423,164	1,205,945	1,505,768	1,579,810	1,613,644	1,532,689
Disbursements by State highway departments, including Federal aid <sup>13</sup> (1,000 dollars).....	1,139,877	848,355	1,131,151	1,166,706	1,135,122	1,126,920
Highway construction under Federal aid, status at end of year: <sup>13</sup>						
Projects under construction:						
Miles.....	9,089	3,116	4,520	4,921	5,811	4,767
Total cost (1,000 dollars).....	233,397	66,111	127,764	156,297	187,949	160,063
Federal aid (1,000 dollars).....	99,573	34,416	65,664	77,847	92,265	77,261
Projects approved for construction:						
Miles.....	2,875	1,415	2,062	2,320	2,367	2,724
Total cost (1,000 dollars).....	60,394	38,410	56,198	73,905	64,631	70,915
Federal aid (1,000 dollars).....	25,531	19,235	29,059	34,509	31,610	34,584
Federal-aid fund available for new projects (1,000 dollars).....	144,726	65,543	79,992	81,738	80,843	80,790

<sup>1</sup> Low-type includes soil-surfaced, gravel or stone, bituminous surface-treated, and mixed bituminous surfaces; high-type includes bituminous penetration, bituminous concrete and sheet asphalt, Portland cement concrete, brick, block, and dual-type surfaces, and unclassified surfacing on bridges.

<sup>2</sup> Includes 11,303 miles of unclassified roads.      <sup>3</sup> Includes mileage partially graded and drained.

<sup>4</sup> Includes original and reconstructed surfacing.      <sup>5</sup> Includes 368 miles of unclassified roads.

<sup>6</sup> Excludes funds transferred.      <sup>7</sup> Excludes balance on hand at beginning of year; not reported in 1921.

<sup>8</sup> For road and bridge purposes under supervision of State highway department only.

<sup>9</sup> Includes an undetermined amount of municipal street mileage on State highway systems or connecting these systems. Beginning with 1935 such mileage is included, however, for only a few States. Figures prior to 1935 also include mileage of secondary road systems under State control for a number of States.      <sup>10</sup> Primary systems only. See also note 9.      <sup>11</sup> Not yet available.

<sup>12</sup> Includes funds transferred to or from local units.

<sup>13</sup> Includes data for Puerto Rico beginning 1937 and for Hawaii except in 1926 figures for projects approved for construction. For 1939 figures for emergency road construction and grade-crossing projects, see table 462.

Source: Federal Works Agency, Public Roads Administration; annual statements on status of highways; and records.

No. 459.—STATE-HIGHWAY SYSTEMS—MILEAGE OF RURAL ROADS AND OF URBAN EXTENSIONS AS OF DEC. 31, 1938, AND RURAL MILEAGE SURFACED, 1937 AND 1938

DIVISION AND STATE	EXISTING MILEAGE, END OF 1938						MILEAGE SURFACED ON PRIMARY SYSTEMS (RURAL) DURING—		
	Rural roads and urban extensions <sup>1</sup>	Primary systems of rural State highways					1937, total <sup>3</sup>	1938	
		Total	Non-surfaced roads	Surfaced roads				Total <sup>3</sup>	On earth roads <sup>4</sup>
				Total	Low type <sup>2</sup>	High type <sup>2</sup>			
Continental U. S. ....	545,084	326,852	34,002	292,850	173,369	119,481	23,205	24,422	6,286
New England.....	19,655	11,058	193	10,865	5,920	4,945	289	249	76
Maine.....	8,771	2,748	109	2,039	1,024	715	99	81	16
New Hampshire.....	3,584	1,426	-----	1,426	973	453	19	33	4
Vermont.....	1,848	1,700	-----	1,700	1,336	364	63	62	5
Massachusetts.....	1,878	1,878	-----	1,878	137	1,741	37	3	-----
Rhode Island.....	781	686	-----	686	222	464	19	16	4
Connecticut.....	2,793	2,620	84	2,536	1,328	1,208	52	54	47
Middle Atlantic.....	50,908	28,167	2,075	26,092	6,717	18,375	1,010	919	89
New York.....	14,801	13,991	1,339	12,652	2,243	10,409	507	448	42
New Jersey.....	1,593	1,235	-----	1,235	32	1,203	33	15	7
Pennsylvania.....	140,514	12,941	736	12,205	4,442	7,763	470	466	40
East North Central.....	81,133	53,966	1,184	52,782	22,866	29,916	5,144	5,757	351
Ohio.....	18,586	16,223	155	16,068	9,231	6,837	595	1,674	8
Indiana.....	10,994	10,121	461	9,660	4,582	5,078	548	845	25
Illinois.....	11,887	10,075	5	10,070	185	9,885	264	363	220
Michigan.....	9,390	8,355	545	7,810	3,844	3,966	548	508	46
Wisconsin.....	10,326	9,192	18	9,174	5,024	4,150	3,189	2,367	52
West North Central.....	68,342	58,400	3,794	54,616	39,827	14,789	3,941	4,398	891
Minnesota.....	11,360	10,948	420	10,528	7,748	2,774	1,025	755	67
Iowa.....	9,595	8,542	91	8,451	3,341	5,110	520	550	137
Missouri.....	115,484	8,292	79	8,213	4,298	3,915	477	200	58
North Dakota.....	7,388	7,190	1,091	6,099	6,076	23	185	497	68
South Dakota.....	6,056	5,851	919	4,932	4,664	268	265	449	148
Nebraska.....	8,627	8,228	396	7,832	6,745	1,087	319	651	200
Kansas.....	9,802	9,349	782	8,567	6,955	1,612	653	1,290	213
South Atlantic.....	171,703	55,307	7,714	47,493	27,264	20,239	2,919	3,629	1,411
Delaware.....	3,883	1,921	-----	1,921	656	1,265	208	211	104
Maryland.....	4,103	4,053	-----	4,053	1,264	2,789	78	57	44
Dist. of Columbia.....	124	-----	-----	-----	-----	-----	-----	-----	-----
Virginia.....	145,693	9,336	938	8,398	4,644	3,754	390	385	124
West Virginia.....	32,961	4,416	383	4,033	2,038	2,000	50	313	125
North Carolina.....	69,124	10,819	519	10,300	6,314	3,986	404	444	121
South Carolina.....	7,516	6,914	1,199	5,715	3,488	2,227	463	1,122	223
Georgia.....	11,071	11,071	4,109	6,962	4,085	2,877	1,113	755	533
Florida.....	7,228	6,677	566	6,111	4,770	1,341	213	242	137
East South Central.....	29,614	25,892	2,430	23,262	15,894	7,368	2,072	2,915	1,164
Kentucky.....	9,402	8,903	314	8,589	6,746	1,843	1,214	1,214	755
Tennessee.....	7,817	6,971	33	6,938	4,175	2,763	367	272	21
Alabama.....	6,601	6,321	2,067	4,254	3,196	1,058	638	785	98
Mississippi.....	5,794	3,497	16	3,481	1,777	1,704	496	644	290
West South Central.....	67,908	42,282	5,814	38,468	21,405	15,063	3,093	2,991	1,445
Arkansas.....	9,280	8,751	944	7,807	6,200	1,598	218	180	33
Louisiana.....	17,819	3,794	21	3,773	824	2,949	80	104	33
Oklahoma.....	8,513	8,034	935	7,099	4,281	2,818	1,066	833	243
Texas.....	22,296	21,703	3,914	17,789	10,091	7,698	1,729	1,874	1,136
Mountain.....	52,833	39,928	10,580	29,348	27,743	1,603	3,614	2,815	719
Montana.....	6,231	5,539	937	4,602	4,574	28	335	202	75
Idaho.....	4,873	4,685	876	3,809	3,007	202	491	322	44
Wyoming.....	3,791	3,698	204	3,484	3,450	34	367	297	162
Colorado.....	112,253	3,512	90	3,422	2,637	485	928	614	105
New Mexico.....	11,849	11,041	6,622	5,119	4,869	230	890	539	146
Arizona.....	3,624	3,666	768	2,768	2,551	217	185	251	95
Utah.....	5,103	4,612	899	3,713	3,367	350	175	314	48
Nevada.....	5,103	2,083	254	2,429	2,378	51	243	180	44
Pacific.....	26,988	12,154	228	11,926	5,743	6,183	1,123	1,049	120
Washington.....	6,341	3,720	87	3,633	857	2,776	599	599	63
Oregon.....	6,981	4,394	140	4,254	3,001	1,253	296	335	41
California.....	13,666	4,040	1	4,039	1,885	2,154	267	115	16

<sup>1</sup> Includes secondary rural road systems under State control with a total of 194,428 miles for the 18 States noted. Also includes 23,804 miles of urban extensions (see also note 5), 3,243 miles of which are not under State control.

<sup>2</sup> See note 1, table 458.

<sup>3</sup> Includes original and reconstructed surfacing. In addition to the mileage here shown, surfacing on secondary rural road systems under State control totaled 3,138 miles in 1937, and 8,238 in 1938, and surfacing on urban extensions of State systems totaled 774 miles in 1937 and 757 miles in 1938.

<sup>4</sup> Includes new location.

<sup>5</sup> Mileage for urban extensions under State control included with rural roads, as segregation by types was not available.

Source: Federal Works Agency, Public Roads Administration; annual statements on mileage of State-highway systems.

No. 460.—HIGHWAYS UNDER SUPERVISION OF STATE HIGHWAY DEPARTMENTS—  
DISBURSEMENTS (INCLUDING FEDERAL-AID FUNDS) FOR, BY STATES: 1921  
TO 1939

NOTE.—Figures include disbursements, whether from current revenues or the proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Data beginning 1934 cover calendar years, while figures for earlier years for many States represent fiscal years. For the States reporting on a fiscal year basis in 1933, the net total disbursements for interim and overlapping periods between 1933 and 1934 amounted to \$124,423,000

DIVISION AND STATE	Year in which first State-aid law passed	1921	1930	1933	1934	1935	1936	1937	1938	1939
		Thousands of dollars								
Cont'l U.S.		397,484	1,139,877	782,006	991,774	848,355	1,131,151	1,166,706	1,135,122	1,126,929
New England		25,910	76,418	68,896	82,708	81,064	92,791	97,275	88,970	102,892
Maine	1901	6,524	17,184	10,490	12,088	11,671	14,192	16,360	14,523	14,069
N. Hampshire	1903	2,360	9,640	7,471	9,113	6,195	6,997	9,623	7,787	8,815
Vermont	1898	951	9,013	5,511	5,905	5,920	5,915	6,670	6,889	7,092
Mass'tsets	1892	7,804	21,926	18,289	33,204	36,719	35,470	37,416	34,695	44,880
Rhode Island	1902	2,213	3,367	5,547	5,081	3,681	10,602	6,390	7,548	7,934
Connecticut	1895	5,998	15,288	11,788	16,417	16,808	19,009	21,016	17,528	20,193
Middle Atlantic		101,475	216,236	137,259	184,343	127,513	188,121	223,186	223,721	190,876
New York	1898	30,855	73,233	42,200	60,262	54,770	68,239	94,756	91,093	76,861
New Jersey	1891	15,608	47,414	23,377	31,612	26,771	37,928	37,961	38,938	48,330
Pennsylvania	1903	49,012	95,589	66,070	92,469	45,972	81,964	90,469	93,640	65,685
E. N. Central		68,512	190,873	127,083	168,249	141,442	188,268	194,784	185,646	182,249
Ohio	1904	15,547	47,491	20,705	44,067	25,772	32,865	34,871	33,388	35,631
Indiana	1917	8,110	22,569	18,800	21,868	17,953	25,084	21,532	22,673	20,792
Illinois	1905	15,693	48,854	40,194	43,476	42,729	49,035	69,152	68,366	68,540
Michigan	1906	16,444	46,136	24,272	28,428	23,653	40,885	30,021	25,228	24,571
Wisconsin	1911	12,417	25,923	33,112	30,410	31,335	40,369	39,203	35,991	32,706
W. N. Central		41,087	171,792	103,289	126,128	112,817	151,654	134,015	121,993	107,203
Minnesota	1905	7,480	39,867	17,079	22,796	22,950	31,551	29,539	25,130	22,412
Iowa	1904	18,276	50,360	18,122	23,586	22,239	28,616	28,450	27,673	24,239
Missouri	1897	4,727	43,021	34,503	31,650	27,661	35,310	30,123	29,323	23,894
North Dakota	1909	1,030	3,992	5,074	7,160	4,911	7,522	6,662	7,497	4,568
South Dakota	1911	4,738	5,015	4,500	6,818	6,728	7,079	8,121	7,568	6,085
Nebraska	1911	4,836	11,087	11,124	12,825	10,379	13,140	10,917	11,589	9,448
Kansas	1911		16,845	12,878	21,291	17,949	27,830	20,108	19,221	15,907
South Atlantic		61,181	139,904	104,379	133,014	127,216	149,795	159,027	170,067	172,293
Delaware	1903	3,765	8,492	4,138	4,400	3,613	3,702	3,718	4,140	4,187
Maryland	1898	7,616	17,992	13,788	18,787	14,700	16,597	17,661	17,966	18,862
Virginia	1906	7,114	19,189	20,669	21,688	19,790	26,284	25,086	29,306	28,118
West Virginia	1909	1,877	23,308	13,521	19,550	20,406	21,316	22,618	25,313	24,720
N. Carolina	1901	15,100	25,613	20,475	26,103	28,083	30,134	36,769	34,062	35,829
S. Carolina	1917	3,941	22,763	* 8,125	13,672	12,597	15,356	19,630	22,557	17,691
Georgia	1908	9,664	12,959	14,537	12,670	16,479	16,120	22,966	25,502	19,597
Florida	1915	2,103	9,858	9,126	16,004	11,548	14,286	10,579	11,221	23,329
E. S. Central		16,621	92,737	51,828	62,126	55,169	63,498	87,536	91,182	111,184
Kentucky	1912	5,757	19,497	13,169	17,805	18,806	14,373	23,784	24,830	25,117
Tennessee	1915	6,328	53,278	15,367	18,472	14,180	15,711	18,984	20,667	37,823
Alabama	1911	1,036	15,373	10,711	15,716	12,167	17,540	17,131	10,890	18,567
Mississippi	1915	3,500	4,689	* 7,591	10,133	9,976	15,869	30,637	25,815	29,077
W. S. Central		26,897	136,738	88,229	84,026	80,597	113,901	101,220	97,624	110,517
Arkansas	1913		39,821	* 7,274	12,945	16,102	16,346	18,335	15,017	16,397
Louisiana	1910	5,347	29,357	25,781	16,139	19,022	29,829	19,450	25,143	24,966
Oklahoma	1911	4,775	20,228	14,524	14,772	11,568	17,994	21,022	15,202	8,915
Texas	1917	16,775	47,332	40,650	40,170	33,905	49,732	42,413	42,262	60,240
Mountain		27,463	47,023	49,737	67,636	60,088	78,769	78,044	66,092	67,237
Montana	1913	3,640	6,378	7,480	12,984	7,633	12,930	7,420	6,113	9,110
Idaho	1905	4,863	6,637	5,193	6,593	6,105	9,115	7,330	7,203	7,064
Wyoming	1911	3,446	3,660	4,360	5,983	5,078	6,545	6,904	5,415	4,639
Colorado	1909	4,156	8,144	9,696	11,011	7,781	15,943	23,284	18,044	14,623
New Mexico	1909	3,713	9,138	7,605	10,210	7,359	11,642	13,956	11,567	9,708
Arizona	1909	2,948	5,293	5,491	7,503	5,631	9,000	6,688	6,580	6,598
Utah	1909	3,107	5,193	6,084	7,325	5,914	7,481	7,809	6,967	11,332
Nevada	1911	1,590	2,710	3,848	6,018	4,587	6,104	5,103	4,143	4,064
Pacific		33,333	68,215	61,236	83,548	72,459	104,359	91,619	89,897	82,378
Washington	1905	9,696	15,806	11,932	21,241	17,660	23,858	22,128	24,408	24,289
Oregon	1913	17,828	14,668	12,660	15,116	16,991	21,833	19,729	16,820	16,182
California	1895		37,741	37,694	47,189	37,802	53,668	49,762	48,609	41,907

<sup>1</sup> For 9 months ended June 30.

<sup>2</sup> Owing to change in fiscal year, data include some disbursements reported also in 1932.

<sup>3</sup> For 6 months ended June 30.

<sup>4</sup> For 11 months ended Dec. 25.

Source: Federal Works Agency, Public Roads Administration; annual statement, State Highway Expenditures.

No. 461.—STATE-HIGHWAY FUNDS AVAILABLE, BY SOURCE, AND DISBURSEMENTS, BY PURPOSE, BY STATES: 1939

NOTE.—In thousands of dollars. Data for secondary roads under State control and urban extensions of State systems are included

DIVISION AND STATE	FUNDS AVAILABLE				DISTRIBUTION OF DISBURSEMENTS					
	Total	Motor-vehicle fees; motor-fuel and motor-carrier taxes	Federal funds <sup>1</sup>	Income from bonds, notes, and other loans	All other sources <sup>2</sup>	Total	Expenditures for State-administered highways			Other disbursements <sup>4</sup>
							New and reconstructed roads and bridges <sup>3</sup>	Maintenance roads and bridges <sup>(*)</sup>	Other <sup>5</sup>	
Cont'l U. S.	1,532,689	841,243	189,879	78,022	423,745	1,126,929	467,392	206,014	138,250	315,273
New England	128,175	69,073	10,349	5,377	43,378	102,992	28,064	18,605	6,788	51,534
Maine	10,329	9,161	2,113	1,054	4,001	14,009	5,547	4,213	1,841	2,065
New Hampshire	9,880	6,319	970	3,523	4,932	8,815	1,869	3,370	908	2,068
Vermont	9,530	4,986	1,041	800	2,703	7,092	1,835	1,216	330	3,711
Massachusetts	53,705	25,810	3,038	-----	24,857	44,889	6,981	3,691	1,409	32,808
Rhode Island	8,912	6,730	649	-----	1,633	7,934	1,403	746	803	4,922
Connecticut	29,819	16,077	2,538	-----	11,214	20,193	10,420	3,369	1,038	4,767
Middle Atlantic	336,863	145,042	21,894	12,090	157,337	199,876	68,322	38,741	30,497	68,311
New York	144,070	55,281	9,200	10,017	70,172	76,861	23,206	9,753	10,260	33,646
New Jersey	101,014	37,022	3,350	2,073	58,559	48,330	12,561	3,780	5,029	26,070
Pennsylvania	90,879	62,729	9,344	-----	28,606	65,685	17,565	25,208	14,312	8,000
E. N. Central	281,044	160,508	29,212	-----	91,326	182,249	75,038	35,195	20,170	51,848
Ohio	49,111	28,884	6,691	-----	13,236	35,631	19,992	10,499	4,661	479
Indiana	24,749	19,900	4,167	-----	692	20,792	11,349	7,066	1,039	1,338
Illinois	91,172	62,190	7,283	-----	21,699	68,549	17,692	5,601	11,159	34,097
Michigan	67,081	23,421	5,544	-----	38,116	24,571	15,048	6,988	2,535	-----
Wisconsin	48,931	26,111	5,237	-----	17,583	32,700	10,955	5,041	776	15,934
W. N. Central	125,810	91,080	21,487	1,343	11,870	107,203	49,244	21,758	13,188	23,020
Minnesota	27,855	21,430	3,688	-----	2,267	22,412	11,053	5,122	2,025	3,722
Iowa	20,654	18,848	3,316	1,343	3,147	24,230	10,630	2,845	3,306	7,458
Missouri	29,774	22,458	4,007	-----	3,281	23,894	8,107	5,046	5,499	5,251
North Dakota	6,163	2,604	2,290	-----	209	4,558	2,654	1,290	320	264
South Dakota	6,536	4,341	1,747	-----	448	6,085	4,413	1,601	410	281
Nebraska	10,414	6,987	3,106	-----	321	9,448	5,962	1,941	578	907
Kansas	19,884	14,274	3,313	-----	2,297	15,907	6,395	3,418	1,057	5,097
South Atlantic	220,885	136,653	26,280	20,215	38,787	172,283	80,628	36,644	20,763	34,361
Delaware	5,720	2,831	802	1,277	1,010	4,157	1,912	799	1,026	420
Maryland	26,833	15,102	3,011	6,710	2,001	18,852	8,460	1,403	1,966	6,963
Virginia	28,032	24,150	3,447	-----	426	28,118	19,614	5,403	1,972	1,129
West Virginia	31,709	16,234	2,636	4,274	8,565	24,720	9,028	6,700	4,106	4,826
North Carolina	53,251	32,354	5,596	-----	20,301	35,829	10,110	15,194	5,408	5,057
South Carolina	24,099	12,133	2,690	5,288	4,593	17,691	7,739	2,430	3,696	3,527
Georgia	20,471	12,046	3,322	2,662	1,438	19,597	13,169	1,545	1,332	3,651
Florida	25,290	21,761	2,976	-----	453	23,320	10,603	3,031	807	8,888
E. S. Central	129,487	48,342	17,617	21,789	41,759	111,184	52,227	12,105	11,263	35,599
Kentucky	26,740	10,395	3,143	3,464	3,738	25,117	11,051	5,508	1,470	7,028
Tennessee	45,489	14,503	4,307	2,002	29,777	37,823	6,499	2,401	4,761	24,162
Alabama	20,808	10,872	4,923	300	4,713	18,507	11,504	2,624	3,184	1,355
Mississippi	36,450	6,672	6,244	15,193	9,631	29,677	23,173	1,612	1,838	6,054
W. S. Central	134,075	81,582	26,286	9,713	17,484	110,517	51,088	18,081	20,895	20,456
Arkansas	20,440	12,890	5,291	-----	2,253	16,397	3,806	2,738	6,093	3,700
Louisiana	32,060	15,481	2,624	7,649	6,915	24,950	12,521	3,715	5,547	3,173
Oklahoma	9,248	11,039	2,619	-----	6,810	8,915	5,705	2,426	784	-----
Texas	71,718	41,276	14,752	2,044	13,026	60,249	29,053	9,202	8,471	13,523
Mountain	78,163	34,536	28,931	7,515	19,131	67,237	39,556	10,919	6,747	10,016
Montana	12,423	4,074	3,043	3,003	1,703	9,119	5,430	2,153	678	858
Idaho	6,062	4,422	2,077	-----	463	7,094	4,115	1,800	5	1,168
Wyoming	5,297	2,783	2,012	-----	592	4,699	3,273	792	409	165
Colorado	17,266	7,028	5,854	-----	4,844	14,023	9,916	1,450	1,761	1,496
New Mexico	13,107	4,903	2,455	4,512	1,280	9,768	5,450	1,266	2,126	860
Arizona	6,710	4,132	2,778	-----	4,194	6,598	4,261	1,293	771	363
Utah	12,363	4,738	2,324	-----	5,301	11,332	4,274	1,386	723	4,949
Nevada	3,069	1,799	2,438	-----	6,633	4,064	2,831	769	288	176
Pacific	98,837	74,499	16,568	-----	8,675	82,378	38,233	16,071	7,850	20,124
Washington	28,341	20,011	4,530	-----	3,800	24,289	10,132	3,406	1,980	8,771
Oregon	17,067	14,233	2,652	-----	782	16,182	6,159	3,352	1,942	4,720
California	52,029	40,225	8,411	-----	3,993	41,907	21,942	9,313	4,028	6,624

<sup>1</sup> Includes regular Federal-aid funds and emergency funds.

<sup>2</sup> Balance from previous year, transfers from local sources, earnings of sinking fund, and miscellaneous revenue. <sup>3</sup> Includes some expenditures for administration and engineering.

<sup>4</sup> Administration and engineering expenses not charged to construction and maintenance, interest on bonds and notes, net expenditures for equipment, and miscellaneous expenses.

<sup>5</sup> Principal payments on bonds and notes, expenditures or transfers for local units, and miscellaneous disbursements. <sup>6</sup> Net deficit.

Source: Federal Works Agency, Public Roads Administration; annual statements on State-highway income and expenditures.

No. 462.—ROAD CONSTRUCTION AND GRADE-CROSSING PROJECTS, FEDERAL-AID AND EMERGENCY: STATUS AS OF DEC. 31, 1939

[All figures, except mileage data and number of grade crossings, in thousands of dollars]

DIVISION AND STATE	REGULAR FEDERAL-AID ROAD CONSTRUCTION				EMERGENCY ROAD CONSTRUCTION AND GRADE-CROSSING PROJECTS <sup>1</sup>							
	Projects under construction <sup>2</sup>			Federal-aid funds available for new projects	Total allotment of emergency funds	Projects under construction <sup>2</sup>						Emergency funds available for new projects
	Total cost	Federal aid allotted	Mileage			Roads			Grade-crossing projects			
						Total cost	Emergency funds allotted	Mileage	Total cost	Emergency funds allotted	Number <sup>3</sup>	
Grand total <sup>4</sup>	180,068	77,261	4,767	80,789	985,000	4,968	4,850	77	4,704	3,954	82	6,398
New England	5,077	2,528	79	6,144	46,877	46	46		131	123	2	676
Maine	717	359	17	305	3,185				35	27	2	5
New Hampshire	640	313	12	968	4,047							20
Vermont	718	359	23	312	4,470							48
Massachusetts	647	323	5	2,454	17,421	4	4		63	63		521
Rhode Island	834	416	8	826	4,702							
Connecticut	1,520	758	15	1,279	7,452	42	42		26	26		121
Middle Atlantic	20,664	10,082	249	3,981	124,276	1,061	1,060		249	249		1,653
New York	11,204	5,504	169	187	53,282	541	541		37	37		853
New Jersey	4,473	2,235	35	970	16,631	180	180		40	40		78
Pennsylvania	4,987	2,323	40	2,825	49,313	330	330	(5)	172	172		303
E. N. Central	23,732	11,719	490	9,557	186,992	265	271	(5)	478	426	4	646
Ohio	6,065	3,009	48	3,247	30,400	201	201		475	423	3	590
Indiana	5,108	2,578	109	1,820	25,179	24	10	(4)				114
Illinois	4,933	2,464	91	1,243	45,493							53
Michigan	2,636	1,223	89	1,595	32,255							14
Wisconsin	4,978	2,444	153	1,653	24,613				3	3	1	30
W. N. Central	21,178	10,478	1,256	18,964	157,892	630	553		581	548	2	241
Minnesota	4,384	2,172	192	3,037	20,755	190	165		192	142	2	63
Iowa	3,310	1,480	96	592	25,709	79	77	(5)	145	142	1	53
Missouri	3,434	1,674	106	3,591	30,509	336	285	(5)	194	194	1	60
North Dakota	1,250	670	78	3,365	14,818							11
South Dakota	2,588	1,453	238	2,430	15,285	4	4					20
Nebraska	3,960	1,924	376	2,273	19,221	21	21		69	69	1	35
Kansas	2,252	1,125	119	3,076	25,449							48
South Atlantic	22,454	11,079	725	14,397	124,081	1,271	1,255	18	1,094	1,094	56	2,846
Delaware	1,170	582	15	1,024	4,001							69
Maryland	2,471	1,217	40	1,776	9,187	230	230	1	6	6	2	181
Dist. of Columbia	264	132	2	127	4,263							
Virginia	2,044	974	41	502	18,009	65	55		65	65	3	97
West Virginia	1,901	941	45	1,676	11,664	287	271	7	40	40		108
North Carolina	4,080	2,042	200	1,082	23,997	136	136		261	261	41	17
South Carolina	1,146	501	38	1,838	13,992	52	52		133	133	1	24
Georgia	5,219	2,610	370	4,571	25,090	511	511	10	588	538	8	1,497
Florida	4,159	2,079	74	1,801	13,318							198
E. S. Central	19,494	9,893	633	6,386	77,660	199	199	6	276	276	6	292
Kentucky	2,257	1,127	45	2,696	15,734				20	26	1	1
Tennessee	2,601	1,301	50	2,578	20,892				23	23		183
Alabama	5,635	2,795	195	2,201	20,816	79	79	5	102	102	2	40
Mississippi	8,971	3,459	343	911	17,218	120	120		124	124	2	62
W. S. Central	23,396	8,909	491	6,997	114,887	484	484	11	1,203	818	5	292
Arkansas	849	536	37	303	17,103	18	18	(5)				41
Louisiana	11,733	2,910	37	2,289	14,890	103	103	10	347	297	3	104
Oklahoma	2,681	1,422	78	2,520	23,487	12	12					17
Texas	8,122	4,030	339	1,885	59,381	351	351		856	521	2	133
Mountain	10,815	6,960	691	8,540	99,641	870	864	38	146	146	5	260
Montana	2,412	1,366	113	3,103	17,608	33	27		28	26	2	3
Idaho	780	476	50	994	10,691							30
Wyoming	1,245	777	124	108	10,369				58	58	1	1
Colorado	1,478	829	38	1,693	19,887	727	727	9				212
New Mexico	1,308	845	78	861	13,331	52	52		26	26		6
Arizona	1,765	1,251	101	485	11,080	68	58		37	37	2	
Utah	1,739	832	50	551	9,625							
Nevada	1,036	534	48	636	9,979							
Pacific	11,075	5,798	205	2,622	68,696	127	127		536	276		78
Washington	3,258	1,607	26	251	15,545	11	11					38
Oregon	3,022	1,641	96	645	14,578							30
California	4,794	2,548	82	1,720	38,774	116	116		536	276		1
Hawaii	786	380	13	1,034	4,201							
Puerto Rico	1,351	669	26	376								

<sup>1</sup> As provided for by National Industrial Recovery Act, by act of June 18, 1934, and by Emergency Relief Appropriation Act of 1935; total funds allotted include \$196,000,000 for grade-crossing projects.

<sup>2</sup> Projects approved for construction are as follows: Federal-aid roads, 2,724 miles; estimated cost, \$70,915,000; Federal aid allotted, \$34,584,000. Emergency road construction, 6 miles; emergency funds allotted, \$369,000. Grade crossings, 55 projects, estimated cost, \$1,241,000; emergency funds allotted, \$1,161,000.

<sup>3</sup> Grade crossings eliminated, grade separations reconstructed, grade crossings protected by signals, etc.

<sup>4</sup> Includes Hawaii and Puerto Rico. <sup>5</sup> Less than one-half mile.

Source: Federal Works Agency, Public Roads Administration; annual statements on status of road construction and grade-crossing projects.

No. 463.—MOTOR VEHICLES—FACTORY SALES AND REGISTRATIONS: 1900 TO 1939

NOTE.—Figures for 1921 and subsequent years include data for motor vehicles of United States design made by Canadian plants, and for motor vehicles assembled in foreign countries from parts made in the United States. No data for motorcycles are included

YEAR	FACTORY SALES <sup>1</sup>						REGISTRATIONS (IN THOUSANDS)		
	Number (in thousands)			Wholesale value (thousands of dollars)			Total	Passen- ger cars, busses, and taxis	Trucks and road tractors <sup>2</sup>
	Total	Passen- ger cars	Motor trucks <sup>3</sup>	Total	Passen- ger cars	Motor trucks <sup>3</sup>			
1900.....	4	4	-----	4, 899	4, 899	-----	8	8	-----
1905.....	25	24	1	40, 000	38, 070	1, 930	78	77	1
1908.....	65	64	2	137, 800	135, 250	2, 550	198	194	3
1909.....	127	124	3	165, 099	159, 766	5, 334	312	306	6
1910.....	187	181	6	226, 000	215, 340	9, 660	469	459	10
1911.....	210	199	11	246, 000	226, 000	21, 000	640	620	20
1912.....	378	356	22	378, 000	335, 000	43, 000	944	903	41
1915.....	486	462	24	443, 902	399, 902	44, 000	1, 255	1, 194	64
1914.....	573	548	25	465, 057	420, 838	44, 219	1, 711	1, 626	86
1915.....	970	890	74	701, 778	576, 978	125, 800	3, 446	2, 310	136
1916.....	1, 618	1, 528	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, 083	4, 657	326
1918.....	1, 171	943	227	1, 236, 107	801, 938	434, 169	6, 147	5, 022	525
1919.....	1, 876	1, 652	225	1, 736, 818	1, 365, 395	371, 423	7, 565	6, 771	794
1920.....	2, 227	1, 909	322	2, 232, 420	1, 809, 171	423, 249	9, 232	8, 220	1, 006
1921.....	1, 682	1, 523	159	1, 261, 667	1, 091, 752	169, 914	10, 463	9, 483	980
1922.....	2, 646	2, 367	278	1, 793, 023	1, 601, 741	231, 282	12, 235	10, 990	1, 279
1923.....	4, 181	3, 753	429	2, 592, 033	2, 274, 554	317, 479	15, 992	13, 540	1, 553
1924.....	3, 735	3, 300	435	2, 367, 413	2, 040, 707	326, 706	17, 694	15, 461	2, 133
1925.....	4, 428	3, 871	557	3, 015, 164	2, 644, 529	470, 635	19, 937	17, 496	2, 441
1926.....	4, 508	3, 951	555	3, 214, 817	2, 746, 055	468, 763	22, 001	19, 237	2, 764
1927.....	3, 580	3, 083	497	2, 700, 706	2, 265, 633	435, 073	23, 133	20, 219	2, 914
1928.....	4, 601	4, 013	588	3, 162, 799	2, 703, 764	459, 045	24, 493	21, 379	3, 114
1929.....	5, 021	4, 791	830	3, 676, 646	2, 981, 142	595, 504	26, 601	23, 122	3, 380
1930.....	3, 509	2, 906	603	2, 126, 802	1, 720, 652	405, 950	25, 545	23, 059	3, 486
1931.....	2, 472	2, 038	434	1, 426, 656	1, 153, 905	272, 745	25, 314	22, 348	3, 466
1932.....	1, 431	1, 136	245	793, 045	650, 781	142, 264	24, 116	20, 894	3, 231
1933.....	1, 986	1, 627	359	987, 436	795, 305	192, 132	23, 874	20, 644	3, 231
1934.....	2, 870	2, 271	599	1, 537, 290	1, 204, 376	332, 914	24, 952	21, 532	3, 419
1935.....	4, 120	3, 388	732	2, 187, 847	1, 788, 635	399, 212	26, 231	22, 558	3, 647
1936.....	4, 616	3, 795	818	2, 674, 422	2, 032, 460	481, 961	28, 160	24, 178	3, 987
1937.....	5, 018	4, 069	948	2, 971, 028	2, 397, 718	573, 310	29, 705	25, 450	4, 255
1938.....	2, 055	2, 125	530	1, 090, 250	1, 331, 598	368, 652	29, 480	25, 262	4, 224
1939.....	3, 738	2, 975	768	2, 418, 031	1, 887, 536	530, 494	30, 616	26, 201	4, 414

<sup>1</sup> See headnote.

<sup>2</sup> Road tractors are not included prior to 1924.

<sup>3</sup> A substantial part of the trucks reported comprises chassis without body; hence the value of bodies for these chassis is not included.

Sources: Automobile Manufacturers Association, New York, N. Y.; Automobile Facts and Figures. Federal Works Agency, Public Roads Administration; annual statement, State Motor-Vehicle Registrations.

No. 464.—PASSENGER CARS—FACTORY SALES, BY WHOLESALE-PRICE CLASSES: 1926 TO 1939

NOTE.—See headnote, table 463. For index numbers of retail sales of new passenger cars, see table 881

YEAR	NUMBER SOLD								Per- cent of closed cars
	Total	\$500 and under	\$501 to \$750	\$751 to \$1,000	\$1,001 to \$1,500	\$1,501 to \$2,000	\$2,001 to \$3,000	Over \$3,000	
1926.....	13, 648, 843	1, 633, 775	1, 149, 301	500, 508	476, 676	94, 915	73, 738	19, 931	72. 0
1927.....	3, 083, 360	1, 039, 216	937, 937	446, 093	406, 902	107, 425	50, 004	15, 103	84. 9
1928.....	4, 012, 158	1, 698, 603	1, 219, 266	462, 462	455, 117	108, 448	55, 304	11, 968	88. 5
1929.....	4, 794, 898	2, 585, 414	1, 317, 116	387, 535	347, 340	98, 086	47, 687	11, 520	89. 4
1930.....	2, 910, 187	1, 754, 747	690, 352	204, 460	179, 180	55, 361	27, 266	8, 841	90. 4
1931.....	2, 038, 183	1, 328, 294	413, 929	162, 964	80, 687	33, 846	12, 714	5, 759	92. 9
1932.....	1, 180, 185	794, 164	260, 881	74, 610	36, 670	8, 699	5, 679	2, 532	96. 0
1933.....	1, 627, 361	1, 316, 361	237, 099	32, 610	20, 125	10, 409	8, 726	2, 032	98. 5
1934.....	2, 270, 560	1, 443, 357	715, 989	66, 223	27, 576	8, 391	8, 379	2, 151	98. 78
1935.....	3, 387, 800	1, 787, 171	1, 444, 529	110, 813	28, 736	8, 710	6, 413	2, 428	96. 50
1936.....	3, 797, 897	1, 919, 618	1, 677, 558	145, 269	39, 997	11, 545	4, 526	1, 584	99. 03
1937.....	4, 063, 935	1, 368, 018	2, 392, 415	200, 289	31, 226	11, 033	4, 061	1, 302	99. 85
1938.....	2, 124, 740	329, 858	1, 521, 404	224, 890	42, 160	3, 061	2, 161	603	96. 91
1939.....	2, 975, 166	285, 217	2, 380, 466	253, 931	49, 033	4, 304	1, 870	344	99. 97

<sup>1</sup> Figures do not agree with those shown in table 463 as total factory sales have been revised but not factory sales by wholesale-price classes.

Source: Automobile Manufacturers Association, New York, N. Y.; Automobile Facts and Figures.



No. 465.—MOTOR VEHICLES—FACTORY SALES IN UNITED STATES, BY MONTHS: 1932 TO 1940

NOTE.—See also table 850

Table with columns for MONTH (1932-1940) and rows for Passenger cars and Motor trucks and busses. Includes a 'Total' row for each category.

1 Passenger cars include taxicabs; trucks and busses include ambulances, funeral cars, fire apparatus, street sweepers, station wagons, and road tractors.

Source: Department of Commerce, Bureau of the Census; figures published in monthly releases.

No. 466.—STATE MOTOR-FUEL TAXES—RECEIPTS, 1937, 1938, AND 1939, AND TAX RATE, 1938 AND 1939

Table with columns for STATE and rows for Receipts from taxes and Tax, cents per gallon, Dec. 31. Includes a 'Total' row and lists various states.

1 Taxes on motor fuel and receipts from distributors' and dealers' licenses, inspection fees, fines and penalties, fees for motor-fuel carrier permits, refund or exemption permits, interest on deposits, and miscellaneous unclassified items. 2 Weighted average rate for the year. 3 Including tax on aviation gasoline.

4 Not including taxes of \$161,000 for 1937, \$163,000 for 1938, and \$175,000 for 1939, imposed in several counties for sea-wall protection.

Source: Federal Works Agency, Public Roads Administration; annual statement, State Motor-Fuel Tax Receipts.





No. 469.—MOTOR-VEHICLE FATALITIES IN CONTINENTAL UNITED STATES: 1914 to 1938

NOTE.—This table covers all deaths from automobile accidents, excluding deaths as a result of train and street car collisions with automobiles, and motorcycle accidents. Rural area and urban area or city population figures shown for 1930 to 1933 and used in computing rates for these years are the latest revised estimates. The term "rural area" includes all rural parts of the registration States excluding cities having populations of 10,000 or more; "urban area" includes all cities having populations of 10,000 or more in the registration States; and "cities in nonregistration States" includes only a few cities in certain States not in the death registration area

YEAR	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 (including official)	Deaths per 100,000 cars
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	70,536,674	7,310	9.3	4,715,317	155.0
1919	85,166,043	7,968	9.4	83,612,508	7,771	9.2	5,922,572	131.2
1920	87,632,692	9,103	10.4	86,179,774	8,878	10.3	7,440,420	119.3
1921	89,102,434	10,168	11.4	87,692,175	9,903	11.3	8,578,536	116.4
1922	93,866,240	11,666	12.4	92,640,579	11,460	12.4	10,374,993	110.5
1923	97,816,104	14,411	14.7	96,885,407	14,167	14.7	13,569,965	108.0
1924	100,082,062	15,523	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	17,875,587	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	21,180	19.6	106,309,646	20,704	19.5	21,084,564	93.2
1928	114,258,516	23,765	20.8	113,050,668	23,427	20.7	23,129,127	101.3
1929	116,317,515	27,066	23.3	115,097,972	26,662	23.2	25,097,555	106.2
1930	118,472,000	29,080	24.5	117,249,000	28,684	24.5	25,850,499	113.1
1931	119,479,000	30,042	25.1	118,215,000	29,658	25.1	24,705,328	120.0
1932	120,291,000	28,350	21.9	119,027,000	26,093	21.9	23,085,036	112.8
1933	125,770,000	29,323	23.3	125,770,000	29,323	23.3	24,103,969	121.7
1934	126,026,000	33,980	26.8	126,026,000	33,980	26.8	25,210,503	134.8
1935	127,521,000	34,153	26.8	127,521,000	34,153	26.8	26,513,491	128.9
1936	128,429,000	35,701	27.8	128,429,000	35,701	27.8	28,519,059	125.4
1937	129,257,000	37,205	28.8	129,257,000	37,205	28.8	30,039,892	123.9
1938	130,215,000	30,564	23.5	130,215,000	30,564	23.5	29,861,210	102.4

YEAR	RURAL AREA OF REGISTRATION STATES			URBAN AREA 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
1914	30,329,210	896	2.9	30,114,453	1,675	5.6	4,869,652	255	5.2
1915	31,073,193	1,226	3.9	30,808,560	2,363	7.7	5,213,928	359	7.5
1916	34,752,780	1,684	4.8	31,618,911	3,053	9.7	4,877,471	456	9.2
1917	36,925,787	2,174	5.9	32,718,037	3,890	11.9	5,337,074	600	12.4
1918	41,844,469	2,368	5.7	37,692,075	4,942	13.1	1,797,101	215	12.0
1919	44,064,983	2,508	5.6	38,947,525	5,263	13.5	1,553,535	197	12.7
1920	44,476,250	2,737	6.2	41,704,524	6,121	14.7	1,452,518	225	15.6
1921	45,079,688	3,368	7.5	42,522,087	6,636	15.4	1,510,259	265	17.6
1922	48,576,329	4,020	8.3	43,965,250	7,446	16.9	1,325,661	200	15.1
1923	50,867,586	5,206	10.2	45,517,821	8,948	19.7	1,430,697	254	17.8
1924	52,047,381	5,868	10.9	46,424,302	9,553	20.6	1,610,379	307	19.1
1925	53,580,742	6,509	12.1	47,530,395	10,640	22.4	1,840,862	422	22.9
1926	54,389,753	7,348	13.5	48,001,407	11,071	22.8	1,947,141	452	23.2
1927	56,613,922	8,452	14.9	49,095,724	12,252	24.7	1,867,922	456	24.4
1928	61,360,663	9,997	16.3	51,700,100	13,430	26.0	1,207,853	368	28.0
1929	62,421,794	11,797	18.9	52,076,178	14,865	28.2	1,219,543	404	33.1
1930	60,565,200	12,193	20.1	56,772,800	16,491	29.0	1,222,800	396	32.4
1931	60,302,100	12,702	21.1	57,854,900	16,956	29.3	1,264,200	384	30.4
1932	61,033,400	11,304	18.5	57,824,000	14,729	25.5	1,264,200	317	25.1
1933	65,411,700	13,267	20.3	60,281,300	16,056	26.6	(1)	(1)	(1)
1934	(2)	15,712	(2)	(2)	18,268	(2)	(1)	(1)	(1)
1935	(2)	16,521	(2)	(2)	17,662	(2)	(1)	(1)	(1)
1936	(2)	17,672	(2)	(2)	18,089	(2)	(1)	(1)	(1)
1937	(2)	18,347	(2)	(2)	18,858	(2)	(1)	(1)	(1)
1938	(2)	15,487	(2)	(2)	15,077	(2)	(1)	(1)	(1)

<sup>1</sup> All States included in the registration area.

<sup>2</sup> Not available.

Sources: Department of Commerce, Bureau of the Census; Vital Statistics—Special Reports, Volume 9, No. 28. Federal Works Agency, Public Roads Administration; annual statement, State Motor-Vehicle Registrations.

No. 470.—MOTOR-VEHICLE FATALITIES, BY STATES AND FOR LARGE CITIES  
HAVING DEATH REGISTRATION: 1926 TO 1938

NOTE.—Figures include all deaths from automobile accidents, excluding deaths as a result of train and street car collisions with automobiles, and motorcycle accidents. Rates are based on revised estimates of population

	1926-1930, average	1931	1932	1933	1934	1935	1936	1937	1938
Registration area in continental U. S.: Number of deaths.....	23, 988	30, 042	26, 350	29, 323	33, 980	34, 183	35, 761	37, 205	30, 564
Rate per 100,000 estimated population.....	21.3	25.2	21.9	23.3	26.8	26.8	27.8	28.8	23.5
NUMBER OF DEATHS									
Total registration States <sup>1</sup> .....	23, 579	28, 658	26, 033	29, 323	33, 980	34, 183	35, 701	37, 205	30, 564
Alabama.....	392	472	405	485	495	579	667	654	599
Arizona.....	143	149	162	147	205	205	234	249	205
Arkansas.....	1, 242	313	260	280	350	384	419	361	296
California.....	1, 828	2, 397	2, 198	2, 233	2, 025	2, 033	2, 886	2, 513	2, 573
Colorado.....	232	319	284	298	328	312	363	386	333
Connecticut.....	376	457	409	462	464	477	441	426	341
Delaware.....	64	76	79	84	84	64	84	103	73
Florida.....	479	618	465	494	604	604	652	715	689
Georgia.....	519	608	541	651	777	900	938	908	761
Idaho.....	87	88	86	117	150	168	186	182	160
Illinois.....	1, 645	2, 049	1, 831	1, 943	2, 288	2, 037	2, 183	2, 342	1, 908
Indiana.....	772	1, 023	845	979	1, 144	1, 056	1, 187	1, 253	1, 028
Iowa.....	376	564	422	514	531	570	507	645	451
Kansas.....	322	402	386	482	481	518	534	431	396
Kentucky.....	357	514	441	504	630	657	666	799	616
Louisiana.....	332	412	341	395	461	500	530	496	490
Maine.....	127	159	140	190	201	200	202	203	182
Maryland.....	363	466	410	429	488	446	452	519	377
Massachusetts.....	732	813	777	801	980	829	875	875	604
Michigan.....	1, 284	1, 407	1, 143	1, 196	1, 410	1, 573	1, 813	2, 052	1, 417
Minnesota.....	439	622	486	525	624	585	663	610	602
Mississippi.....	265	284	234	283	401	385	487	435	385
Missouri.....	605	844	690	770	944	910	964	959	836
Montana.....	100	118	96	115	198	155	168	168	136
Nebraska.....	224	291	212	283	293	325	290	297	212
Nevada.....	40	63	59	63	69	77	71	65	63
New Hampshire.....	83	100	70	135	104	128	110	146	100
New Jersey.....	1, 040	1, 229	1, 105	1, 147	1, 186	1, 186	1, 094	1, 263	899
New Mexico.....	104	95	97	102	146	154	204	204	153
New York.....	2, 628	3, 077	2, 813	2, 784	2, 903	2, 733	2, 647	2, 969	2, 463
North Carolina.....	555	650	568	725	874	965	930	1, 009	853
North Dakota.....	78	110	87	101	118	107	129	111	104
Ohio.....	1, 708	1, 970	1, 822	1, 829	2, 119	2, 101	2, 167	2, 441	1, 784
Oklahoma.....	433	404	437	485	584	649	633	608	510
Oregon.....	221	292	223	249	309	234	347	341	326
Pennsylvania.....	2, 011	2, 412	2, 043	2, 190	2, 439	2, 295	2, 359	2, 506	1, 949
Rhode Island.....	136	116	101	97	103	106	111	121	82
South Carolina.....	288	380	329	342	470	477	571	520	459
South Dakota.....	112	116	101	115	119	142	123	105	139
Tennessee.....	409	547	474	540	672	638	753	699	559
Texas.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1, 292	1, 579	1, 801	1, 924	2, 033	1, 715
Utah.....	109	157	115	135	178	178	180	193	180
Vermont.....	62	71	63	70	97	81	95	91	79
Virginia.....	413	656	561	592	747	826	792	811	674
Washington.....	397	461	413	442	506	547	601	537	471
West Virginia.....	305	427	332	382	416	407	501	446	376
Wisconsin.....	568	731	624	627	687	762	720	801	637
Wyoming.....	65	98	78	87	105	100	114	131	93
CITY									
Total registration cities.....	14, 031	17, 340	15, 046	16, 056	18, 268	17, 692	18, 089	18, 858	15, 077
Akron.....	82	77	80	85	88	84	75	84	64
Albany.....	40	45	35	37	47	47	49	37	37
Atlanta.....	76	95	99	105	103	116	124	104	83
Baltimore.....	188	226	201	185	225	198	186	227	176
Birmingham.....	63	82	75	80	74	90	88	91	83

No. 470.—MOTOR-VEHICLE FATALITIES, BY STATES AND FOR LARGE CITIES  
HAVING DEATH REGISTRATION: 1926 TO 1938—Continued

CITY	1926-1930, average	1931	1932	1933	1934	1935	1936	1937	1938
Boston	138	148	151	143	166	164	166	152	113
Bridgeport	86	69	27	51	47	50	45	51	19
Buffalo	156	153	132	144	151	146	150	133	112
Chicago	795	953	846	882	952	779	793	814	966
Cincinnati	135	149	124	143	187	163	166	176	135
Cleveland	281	286	262	248	268	256	259	292	171
Columbus	99	121	99	109	120	120	126	167	80
Dallas	64	81	71	83	90	102	95	101	67
Dayton	61	75	58	70	80	82	86	94	67
Denver	63	86	86	97	106	91	107	116	106
Des Moines	33	43	45	43	45	54	38	37	35
Detroit	388	372	321	307	336	329	402	369	226
Flint	44	53	38	56	54	77	70	99	53
Fort Worth	43	55	56	45	63	63	65	60	52
Grand Rapids	38	36	29	23	39	46	45	47	32
Hartford	46	55	50	55	59	53	61	34	40
Houston	77	101	64	103	108	108	110	114	99
Indianapolis	110	156	99	124	143	139	149	128	119
Jacksonville	45	56	58	65	60	55	52	60	54
Jersey City	56	43	58	64	73	52	54	64	35
Kansas City, Kans.	19	24	36	30	47	37	47	35	22
Kansas City, Mo.	92	137	89	121	122	106	108	103	96
Long Beach	39	60	55	55	59	49	50	59	56
Los Angeles	365	488	486	466	521	540	556	554	510
Louisville	80	109	85	88	123	106	114	124	72
Memphis	75	100	101	116	112	98	115	102	107
Milwaukee	114	103	97	89	79	77	80	91	52
Minneapolis	88	114	91	98	105	124	121	78	94
Nashville	51	71	72	55	65	82	98	90	63
New Haven	49	51	53	45	48	52	47	54	43
New Orleans	108	126	91	120	126	134	129	111	102
New York	1,191	1,299	1,163	1,146	1,135	1,045	924	970	890
Newark, N. J.	123	106	98	100	90	117	108	132	62
Norfolk	27	44	36	41	40	34	35	27	36
Oakland	74	101	64	68	87	70	101	81	83
Oklahoma City	44	55	66	62	54	64	71	64	59
Omaha	49	66	44	58	67	65	52	47	42
Pateron	50	52	56	57	42	57	45	49	34
Philadelphia	346	354	321	367	364	303	299	340	331
Pittsburgh	193	218	159	137	143	173	169	173	133
Portland, Oreg.	61	95	74	83	98	88	108	84	81
Providence	69	52	61	48	40	37	55	64	33
Richmond	49	90	67	71	79	87	84	88	59
Rochester	67	76	62	45	80	73	69	70	65
St. Louis	177	180	156	149	173	191	171	181	115
St. Paul	61	87	84	70	90	58	69	75	61
Salt Lake City	42	50	58	46	67	51	70	64	61
San Antonio	58	63	50	68	77	58	82	73	85
San Diego	57	66	68	70	63	78	60	62	56
San Francisco	137	126	132	145	115	126	108	155	110
Scranton	38	36	32	42	53	38	44	39	46
Seattle	85	116	80	105	147	115	124	112	103
Springfield, Mass.	35	33	28	30	39	31	33	35	27
Syracuse	53	70	39	49	60	58	42	69	49
Toledo	99	120	109	89	113	90	97	119	81
Trenton	48	56	41	56	57	55	52	50	32
Tulsa	39	33	34	33	52	65	48	44	37
Washington, D. C.	117	161	186	142	192	155	159	170	129
Worcester	40	37	31	51	47	48	35	50	29
Yonkers	22	24	17	27	17	14	18	20	15
Youngstown	63	69	41	52	55	77	60	80	51

<sup>1</sup> Including the District of Columbia. All States were in the registration area in 1933 and thereafter.

<sup>2</sup> Average, 1927-30.

<sup>3</sup> Average, 1928-30.

<sup>4</sup> Average, 1929 and 1930.

<sup>5</sup> 1930 only.

<sup>6</sup> Not in registration area.

<sup>7</sup> Total covers registration cities of 10,000 or more inhabitants but only cities of over 120,000 inhabitants, according to 1930 census, are shown separately.

Source: Department of Commerce, Bureau of the Census; Vital Statistics—Special Reports, Vol. 9, Nos. 8 and 28, and Mortality Statistics, 1934 and 1935.

# 20. TRANSPORTATION, AIR AND LAND—STEAM RAILWAYS AND ELECTRIC RAILWAYS, EXPRESS COMPANIES, MOTOR BUSES, AND CIVIL AERONAUTICS

[Data in this section relate to continental United States unless otherwise stated]

GENERAL NOTE.—The term "steam railways" as used in this section includes electrified divisions operated by such carriers. The total steam railroad mileage of the United States comprises: (a) Regular interstate carriers (and their nonoperating subsidiaries) reporting to the Interstate Commerce Commission, (b) switching and terminal railroads, also reporting to the Commission; and (c) private railroads (defined by the Commission as "circular" because they report on brief circulars and as "unofficial"). Except in certain mileage data the circular and unofficial companies are not included in any of the statistics. The switching and terminal roads were formerly included with operating railways, but are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries include proprietary companies, which are covered by the reports of operating carriers, and lessor companies which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railways are divided into three classes, according to the amount of their annual operating revenues, class I, having more than \$1,000,000 of such revenue; class II, from \$100,000 to \$1,000,000; and class III, less than \$100,000. During recent years more detailed reports are required from class I carriers than from smaller companies. The basis of the figures in each table is indicated by notes. Omission of class II and class III railroads affects very little the comparability of statistics with those of earlier years as regards most items, since the bulk of the business is done by class I.

The Interstate Commerce Commission divides railroads geographically into three districts and eight subsidiary regions. Each railroad is treated as a unit and placed wholly in some one district or region. Broadly speaking, the eastern district includes territory east of Chicago and north of the Ohio and Potomac Rivers; southern district, territory east of the Mississippi River and south of the Ohio and Potomac Rivers; and western district, the remainder of the country.

Class I companies make monthly reports from which data are compiled currently and published in a series of monthly statements. The yearly totals from these reports 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. 471.—STEAM RAILWAYS—MILEAGE OWNED AND MILEAGE OPERATED: 1890 TO 1939

NOTE.—Beginning with 1908 switching and terminal roads are omitted (they operate about 2,300 miles of main tracks). The first and second columns cover all railways, including "circular" and "unofficial" lines; the last 6 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					Class I railways: Road (first track)
		All railways: Road (first track)	Reporting railways				
			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	180,667	184,628	177,746	12,348	43,181	233,276	-----
1900	193,346	198,904	192,566	14,075	52,163	258,784	-----
1905	218,101	225,196	218,974	19,881	69,942	306,797	-----
1910	240,293	249,992	240,831	25,354	86,882	351,767	-----
1914	252,105	263,547	256,547	32,376	98,285	387,208	226,989
1915	253,789	264,378	257,569	33,662	99,910	391,141	228,989
Dec. 31, 1916	254,037	266,381	259,705	34,325	102,984	397,014	231,674
1917	253,628	266,015	259,705	35,066	105,582	400,353	232,697
1918	253,529	264,233	258,507	36,228	107,608	402,343	233,145
1919	253,152	263,707	258,525	36,730	108,637	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	417,964	236,848
1926	249,138	261,562	258,815	41,686	120,844	421,341	237,054
1927	249,131	262,091	259,639	42,071	123,027	424,743	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	249,062	262,215	260,440	42,742	126,701	429,893	242,891
1931	248,829	261,816	259,999	42,780	127,044	429,823	242,292
1932	247,595	260,438	258,869	42,556	126,977	428,402	241,424
1933	245,703	258,465	256,741	42,897	126,526	425,664	239,797
1934	243,857	256,418	254,882	42,108	125,410	422,401	238,555
1935	241,822	254,347	252,930	41,918	124,883	419,225	237,491
1936	240,104	252,871	251,542	41,731	123,108	416,351	236,486
1937	238,530	251,829	250,582	41,579	122,411	414,672	235,168
1938	236,842	249,823	248,474	41,539	121,261	411,322	234,031
1939	235,064	248,040	246,922	41,445	119,983	408,350	233,277

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.





### No. 473.—STEAM RAILWAYS—MILES OF ROAD OWNED AND OPERATED: 1842 TO 1939

NOTE.—See note to table 471. 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	1898	186,806	184,648	1919	253,162	258,526
1850		9,021	1899	189,295	187,635	1920	252,845	259,941
1855		18,374	1900	193,346	192,556	1921	251,176	258,362
1860		30,626	1901	197,237	195,562	1922	250,413	257,426
1865		35,085	1902	202,472	200,156	1923	250,222	255,084
1870		52,922	1903	207,977	205,814	1924	250,156	258,238
1875		74,096	1904	213,904	212,243	1925	249,398	258,631
1880		93,262	1905	218,101	216,974	1926	249,138	258,815
1885		128,320	1906	224,363	222,340	1927	249,131	259,639
1886		136,338	1907	229,951	227,455	1928	249,506	260,546
1887		149,214	1908	233,468	230,494	1929	249,433	260,570
1888		156,114	1909	236,834	235,402	1930	249,000	260,440
1889		161,276	1910	240,293	240,831	1931	248,829	259,999
1890	103,697	156,404	1911	243,979	246,238	1932	247,505	258,809
1891	168,403	161,275	1912	246,777	249,862	1933	245,703	256,741
1892	171,564	162,397	1913	249,777	253,470	1934	243,867	254,882
1893	176,461	169,780	1914	252,105	256,547	1935	241,822	252,930
1894	178,709	175,691	1915	253,789	257,569	1936	240,104	251,542
1895	180,657	177,746	1916	254,037	259,705	1937	238,530	250,582
1896	182,777	181,983	1917	253,626	259,705	1938	236,842	248,474
1897	184,428	183,284	1918	253,529	258,507	1939	235,064	246,022

Source: Poor's Manual of Railroads prior to 1890; thereafter, Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

### No. 474.—STEAM RAILWAYS (CLASS I)—MILEAGE OPERATED, LOCOMOTIVES AND FREIGHT-CAR CAPACITY, BY DISTRICTS: 1920 TO 1938

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 478

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.)	
<b>Total:</b>								
1920	235,234	36,737	105,408	377,379	64,746	2,340,761	36,365	98,343
1925	236,845	40,817	113,874	391,539	63,974	2,586,868	40,660	105,670
1930	242,391	42,584	123,024	407,999	66,493	2,520,940	45,225	109,130
1931	242,282	42,627	123,318	408,237	65,056	2,488,861	45,764	108,422
1932	241,424	42,404	123,241	407,069	53,217	2,430,328	46,299	100,501
1933	239,797	42,248	122,863	404,908	50,802	2,348,821	46,910	96,734
1934	238,555	41,998	121,878	402,431	48,184	2,263,267	47,712	92,969
1935	237,491	41,768	121,012	400,271	46,455	2,206,201	48,367	88,077
1936	236,436	41,584	119,774	397,844	44,979	2,162,699	48,972	85,721
1937	235,168	41,452	119,013	395,633	44,442	2,155,555	49,412	85,808
1938	234,031	41,475	118,036	393,541	43,466	2,123,464	49,803	84,032
<b>Eastern district:</b>								
1920	50,513	21,784	42,387	123,634	20,478	1,102,551	37,762	49,543
1925	59,249	22,852	45,064	127,165	28,409	1,193,573	42,408	51,449
1930	60,014	23,131	46,552	129,697	24,247	1,108,965	46,551	50,618
1935	58,515	22,429	45,253	126,497	19,856	958,695	49,807	49,555
1937	58,213	22,191	44,027	124,431	18,892	929,213	50,813	49,037
1938	57,890	22,252	43,527	123,609	18,412	900,063	51,091	39,921
<b>Southern district:</b>								
1920	43,709	4,436	17,080	65,315	10,740	392,332	36,625	16,980
1925	44,241	5,707	19,199	69,147	11,158	457,579	41,112	18,968
1930	40,087	6,307	21,882	74,346	10,717	433,145	45,404	10,371
1935	44,954	6,349	21,743	73,046	8,767	421,776	48,519	16,637
1937	44,718	6,338	21,393	72,449	8,411	412,825	49,517	16,593
1938	44,522	6,332	21,284	72,138	8,269	409,476	49,900	16,616
<b>Western district:</b>								
1920	131,022	10,567	45,941	188,430	24,528	845,878	34,544	31,820
1925	133,359	12,228	49,620	195,207	24,407	935,716	38,488	35,153
1930	130,290	13,076	54,560	203,956	21,529	934,830	43,682	35,691
1935	133,722	12,990	54,016	200,728	17,333	826,730	46,062	28,185
1937	132,257	12,923	53,593	198,753	17,139	813,517	47,848	28,197
1938	131,679	12,891	53,224	197,794	16,785	804,925	48,350	27,495

<sup>1</sup> Second track, 36,066 miles; all other tracks, 5,409 miles.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

**No. 475.—STEAM RAILWAYS (CLASS I)—MILEAGE OF ROAD AND TRACKS OPERATED, BY DISTRICTS: 1920 TO 1938**

NOTE.—Figures include some mileage in Canada operated by United States companies as follows: 1920, 1,940 miles; 1925, 3,087 miles; 1930, 2,898 miles; 1935, 2,062 miles; 1936, 2,506 miles; 1937, 2,346 miles; 1938, 2,337 miles, consisting of 1,396 miles of first main track, 482 miles of second main track, and 459 miles of yard track and sidings. Figures also include some industrial tracks as follows: 1925, 20,407 miles; 1930, 21,694 miles; 1935, 21,151 miles; not available for 1936, 1937, and 1938

DISTRICT AND YEAR ENDED DEC. 31	Total, all tracks	Road (first main track)	Second main track	All other main tracks	Yard track and sidings	ELECTRIFIED MILEAGE			
						Total track	Road (first main track)	Other main tracks	Yard track and sidings
<b>All districts:</b>									
1920	377,370	235,294	31,512	5,225	105,408	3,132	1,449	900	783
1925	391,539	236,848	35,200	5,617	113,874	3,597	1,674	971	952
1930	407,999	242,391	36,755	5,820	123,024	5,099	2,381	1,432	1,285
1935	400,271	237,491	36,098	5,670	121,012	6,159	2,630	1,387	1,580
1936	397,844	236,486	36,099	5,485	119,774	6,135	2,671	1,384	1,580
1937	395,633	235,168	35,987	5,465	119,013	6,127	2,671	1,385	1,571
1938	393,641	234,031	35,066	5,409	118,035	6,855	2,622	2,287	1,676
<b>Eastern district:</b>									
1936	125,483	58,596	17,703	4,634	44,610	4,042	1,408	1,610	1,024
1937	124,431	58,213	17,577	4,614	44,027	4,034	1,408	1,611	1,015
1938	123,609	57,930	17,693	4,564	43,527	4,820	1,704	2,021	1,104
<b>Southern district:</b>									
1936	72,748	44,816	5,895	446	21,591	672	266	196	210
1937	72,449	44,718	5,892	446	21,393	673	266	196	211
1938	72,138	44,522	5,892	440	21,284	669	264	195	210
<b>Western district:</b>									
1936	199,613	133,134	12,501	405	53,573	1,421	997	78	346
1937	198,753	132,237	12,518	405	53,593	1,420	997	78	345
1938	197,794	131,679	12,486	405	53,224	1,357	954	41	332

<sup>1</sup>Does not include 43 miles of electric street railways operated by Boston & Maine Railroad.

**No. 476.—STEAM RAILWAYS (CLASS I)—EQUIPMENT INSTALLED AND RETIRED: 1914 TO 1938**

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, 1914	3,246	1,862	160,813	96,985	3,629	1,854
1915	1,114	1,507	86,012	90,347	2,664	1,385
1916	1,478	2,578	88,254	109,906	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	68,400	69,245	1,681	929
1922	1,226	1,682	105,394	126,471	1,323	1,286
1923	4,360	3,746	232,060	213,789	2,658	2,360
1924	2,786	2,520	166,572	118,500	2,755	2,295
1925	1,600	2,873	189,083	125,573	3,230	3,569
1926	1,882	3,105	93,369	102,162	3,455	3,309
1927	1,542	2,976	73,254	96,991	2,646	3,612
1928	1,017	3,047	82,945	90,707	2,524	3,252
1929	1,220	3,134	94,946	116,869	2,663	3,499
1930	1,160	2,204	81,038	82,101	1,900	2,036
1931	1,482	1,802	14,910	82,828	697	1,938
1932	1,477	2,316	8,545	69,394	579	1,928
1933	1,268	2,681	6,410	117,268	607	3,443
1934	1,312	2,912	31,366	129,026	703	3,368
1935	1,424	2,160	18,496	122,346	730	3,049
1936	1,054	1,798	75,979	131,754	1,123	1,631
1937	1,877	1,321	91,128	105,324	1,074	1,413
1938	1,396	1,237	25,721	70,235	642	1,592

<sup>1</sup>Excludes units transferred from 1 class of service to another.

Source of tables 475 and 476: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

**NO. 477.—STEAM RAILWAYS (ALL REPORTING COMPANIES)—EQUIPMENT IN SERVICE: 1921 TO 1938**

NOTE.—“All reporting companies” include switching and terminal but not circular and unofficial lines. Data for tractive effort and capacity of cars exclude switching roads, also 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 ENDED DEC. 31	LOCOMOTIVES					FREIGHT-TRAIN CARS <sup>1</sup>			Passenger-train cars
	Total number <sup>2</sup>	Steam			Electric locomotive units <sup>3</sup>	Total number	Capacity <sup>4</sup>		
		Number	Tractive effort <sup>4</sup>				Aggregate (1,000 tons)	Average (tons)	
			Aggregate (1,000 lbs.)	Average (lbs.)					
1921	69,122	68,733	2,385,470	36,935	389	2,378,510	98,504	42.5	56,950
1922	68,518	68,121	2,401,452	37,441	307	2,352,483	98,847	43.1	56,827
1923	69,414	69,005	2,544,115	39,177	409	2,370,131	101,818	43.8	57,159
1924	69,480	69,114	2,593,178	39,891	372	2,411,027	104,149	44.3	57,451
1925	68,092	67,713	2,589,898	40,669	370	2,414,083	105,570	44.8	56,814
1926	69,816	69,381	2,611,238	41,886	435	2,403,967	105,953	45.1	56,855
1927	65,348	64,843	2,606,171	42,798	467	2,378,800	105,846	45.5	55,729
1928	63,311	62,642	2,570,643	43,838	617	2,346,751	105,322	45.8	54,800
1929	61,257	60,572	2,550,313	44,801	621	2,323,683	105,411	46.3	53,838
1930	60,189	59,406	2,526,940	45,225	663	2,322,267	106,180	46.6	53,584
1931	58,652	57,820	2,488,801	45,764	709	2,245,904	103,422	47.0	52,096
1932	56,732	55,831	2,430,328	46,299	764	2,184,690	100,901	47.0	50,598
1933	54,228	53,302	2,348,821	46,916	789	2,072,032	96,734	47.5	47,677
1934	51,423	50,465	2,263,267	47,712	805	1,973,247	92,969	48.0	44,884
1935	49,541	48,477	2,206,201	48,367	854	1,867,381	88,677	48.3	42,426
1936	48,000	46,923	2,162,699	48,672	858	1,790,443	85,721	48.8	41,390
1937	47,555	46,342	2,155,555	49,412	872	1,776,028	85,808	49.2	40,949
1938	46,544	46,210	2,123,464	49,803	882	1,731,066	84,032	49.4	39,931

<sup>1</sup> Excludes caboose cars.<sup>2</sup> Includes locomotives other than classes shown beginning 1927.<sup>3</sup> Figures prior to 1923 represent “number of locomotives.”<sup>4</sup> Class I roads.
**NO. 478.—STEAM RAILWAYS—CARS IN SERVICE, BY CLASS: 1925 TO 1938**

NOTE.—Figures for “All operating companies” include switching and terminal companies but not circular and unofficial lines. Cars owned by private car lines, roughly equaling one-tenth of those owned by railway companies, are not included

	ALL OPERATING COMPANIES					CLASS I, 1938			
	1925	1930	1935	1937	1938	Total	Eastern district	Southern district	Western district
Freight-train cars <sup>1</sup> .....	2,414,083	2,322,287	1,867,391	1,776,428	1,731,098	1,699,689	761,637	337,237	600,816
Box.....	1,086,562	1,064,652	812,776	759,774	736,854	733,314	295,525	121,696	316,093
Flat.....	113,562	108,181	83,405	73,831	70,416	64,841	12,127	10,710	42,004
Stock.....	87,452	84,460	68,455	60,998	58,821	58,688	7,500	5,179	46,009
Coal.....	979,483	930,624	793,776	817,042	801,891	783,690	432,456	188,873	162,370
Tank.....	12,151	10,981	9,269	9,313	8,950	8,139	16	12	8,111
Refrigerator.....	49,488	41,006	26,703	23,853	23,232	23,205	1,070	3,148	18,987
Other.....	85,385	82,363	73,000	31,012	30,932	27,803	12,943	7,610	7,241
Steel <sup>2</sup> .....	757,065	854,864	806,612	890,612	891,498	891,498	544,808	189,741	156,949
Steel underframe <sup>2</sup> .....	1,056,125	1,118,257	908,252	768,770	730,218	730,218	213,584	126,258	390,376
Caboose cars.....	31,325	29,770	24,994	23,458	23,064	22,309	9,180	4,210	8,919
Passenger-train cars.....	68,814	53,584	42,426	40,949	39,981	39,309	20,565	5,552	13,192
Coaches.....	(3)	(3)	(3)	18,585	18,124	17,914	10,622	2,314	4,978
Combination coach.....	(3)	(3)	(3)	3,530	3,416	3,107	1,580	430	1,088
Parlor and sleeping <sup>4</sup> .....	(3)	(3)	(3)	446	430	428	64	33	331
Dining.....	(3)	(3)	(3)	1,574	1,574	1,570	574	224	772
Club lounge and observation.....	(3)	(3)	(3)	388	360	360	44	8	308
Postal.....	(3)	(3)	(3)	1,051	1,018	1,018	904	296	718
Baggage, express, and other non-passenger.....	(3)	(3)	(3)	14,054	13,705	13,631	6,637	2,202	4,792
Other passenger.....	(3)	(3)	(3)	91	105	98	86	6	6
Other passenger-train.....	(3)	(3)	(3)	321	299	283	54	30	199
Steel <sup>2</sup> .....	21,100	29,041	28,951	29,640	29,637	29,637	16,468	3,802	9,367
Steel underframe <sup>2</sup> .....	9,369	10,376	8,394	7,735	7,273	7,273	3,592	1,331	2,350
Company service equipment.....	112,502	109,527	79,584	81,258	80,116	77,699	25,827	13,674	38,198
Motor cars and trailers <sup>2</sup> .....	2,460	5,594	4,545	4,493	4,455	4,455	3,241	391	823

<sup>1</sup> Excludes caboose cars.<sup>2</sup> No comparable data available because of change in classification.<sup>3</sup> Data represent Class I roads only.<sup>4</sup> Does not include cars owned by Pullman Co.

Source of tables 477 and 478: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 479.—STEAM RAILWAYS—NUMBER AND COMPENSATION OF EMPLOYEES<sup>1</sup>

YEAR ENDED—	ALL OPERATING CARRIERS				YEAR ENDED—	ALL OPERATING CARRIERS			
	Average number of employees	Total yearly compensation (1,000 dollars)	Average compensation			Average number of employees	Total yearly compensation (1,000 dollars)	Average compensation	
			Per hour <sup>2</sup>	Per year				Per hour <sup>2</sup>	Per year
June 30:					June 30:				
1890.....	749,301				1911.....	1,609,809	1,208,466		\$724
1895.....	785,034	445,508		\$568	1912.....	1,716,380	1,252,348		730
1900.....	1,017,653	577,265		567	1913.....	1,815,239	1,373,831		767
1905.....	1,382,196	839,945		608	1914.....	1,710,296	1,381,117		808
1907.....	1,672,074	1,072,380		641	1916.....	1,654,075	1,403,968	\$0.260	849
1908.....	1,436,275	1,035,438		721	Dec. 31:				
1909.....	1,502,823	988,324		658	1916.....	1,700,814	1,506,961	.275	886
1910.....	1,699,420	1,143,725		673	1917.....	1,785,893	1,782,965		998

YEAR ENDED DEC. 31—	All operating carriers: Average number of employees	CLASS I CARRIERS					Average compensation	
		Average number of employees	Total hours (thousands)	Total yearly compensation (1,000 dollars)	Average hours per employee	Average compensation		
						Per hour <sup>2</sup>	Per year	
1918 <sup>3</sup> .....	1,891,517	1,841,575	5,701,417	2,613,813	3,095.9	\$0.458	\$1,419	
1919 <sup>3</sup> .....	1,960,439	1,913,422	5,032,493	2,843,128	2,630.1	.566	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	.687	1,666	
1922.....	1,669,640	1,626,834	4,311,097	2,640,817	2,660.0	.613	1,623	
1923.....	1,902,222	1,857,674	4,928,651	3,004,072	2,663.1	.610	1,622	
1924.....	1,795,493	1,751,362	4,534,879	2,825,775	2,589.3	.623	1,613	
1925.....	1,780,411	1,744,311	4,531,361	2,860,000	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.....	1,775,540	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	2,896,560	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	1,684	
1932.....	1,052,285	1,031,703	2,378,206	1,512,816	2,305.1	.636	1,466	
1933.....	960,839	971,196	2,233,045	1,403,841	2,299.3	.629	1,445	
1934.....	1,027,426	1,007,702	2,393,899	1,519,352	2,375.6	.635	1,508	
1935.....	1,013,654	994,371	2,307,353	1,643,879	2,410.9	.686	1,658	
1936.....	1,086,405	1,065,624	2,675,345	1,848,036	2,510.6	.691	1,735	
1937.....	1,136,912	1,114,603	2,799,539	1,985,447	2,511.6	.709	1,781	
1938.....	958,280	939,171	2,329,606	1,746,141	2,480.5	.750	1,869	
1939.....	1,006,711	987,675	2,488,635	1,863,334	2,519.7	.749	1,887	

<sup>1</sup> 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 1916 is incomplete, as 20 of the larger railways did not report, and is not shown.

<sup>2</sup> Calculated for all classes of employees, including those not paid on an hourly basis.

<sup>3</sup> Data cover Federal reports, reports of companies not under Federal control, and corporate reports.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States. See last paragraph of general note, p. 424, regarding current data.

## No. 480.—STEAM RAILWAYS (CLASS I)—NUMBER AND COMPENSATION OF EMPLOYEES, BY DISTRICTS AND BY CLASS: 1938 AND 1939

NOTE.—Data relate to years ended Dec. 31. Class I switching and terminal companies are included

DISTRICT OR CLASS	AVERAGE NUMBER OF EMPLOYEES		TOTAL COMPENSATION (1,000 DOLLARS)		AVERAGE PER DAY OR HOUR, STRAIGHT TIME (DOLLARS)		AVERAGE PER MONTH, TOTAL COMPENSATION (DOLLARS)	
	1938	1939	1938	1939	1938	1939	1938	1939
							1938	1939
All employees, all districts.....	987,376	1,017,770	1,797,698	1,920,678				
Daily basis.....	86,717	84,996	245,807	245,390	8.80	8.91	239	241
Hourly basis.....	881,658	932,774	1,551,891	1,675,288	.703	.705	147	150
Eastern district.....	408,320	437,089	766,402	842,147				
Daily basis.....	39,334	38,762	107,623	107,032	8.48	8.54	228	230
Hourly basis.....	368,986	398,327	658,779	735,115	.738	.740	149	154
Southern district.....	177,605	184,471	312,823	329,836				
Daily basis.....	14,514	14,439	43,750	44,010	9.32	9.41	251	254
Hourly basis.....	163,091	170,032	269,073	285,825	.659	.660	137	140
Western district.....	381,450	396,200	718,473	748,996				
Daily basis.....	31,869	31,795	94,634	94,348	9.13	9.13	247	247
Hourly basis.....	349,581	364,405	623,839	654,648	.690	.688	149	150

No. 480.—STEAM RAILWAYS (CLASS D)—NUMBER AND COMPENSATION OF EMPLOYEES, BY DISTRICTS AND BY CLASS: 1938 AND 1939—Continued

DISTRICT OR CLASS	AVERAGE NUMBER OF EMPLOYEES		TOTAL COMPENSATION (1,000 DOLLARS)		AVERAGE PER DAY OR HOUR, STRAIGHT TIME (DOLLARS)		AVERAGE PER MONTH, TOTAL COMPENSATION (DOLLARS)	
	1938	1939	1938	1939	1938	1939	1938	1939
	Executives, officials, and staff assistants.....	12,342	12,182	71,284	70,294			
Daily basis.....	12,342	12,162	71,204	70,294	18.25	18.30	481	482
Professional, clerical, and general.....	168,136	168,268	326,691	325,958				
Daily basis.....	37,487	37,350	95,090	95,940	8.20	8.24	213	214
Hourly basis.....	130,649	130,904	231,001	230,018	.701	.704	147	148
Maintenance of way and structures.....	190,503	205,867	237,202	255,907				
Daily basis.....	3,858	3,639	11,127	11,078	9.54	9.50	253	254
Hourly basis.....	186,645	202,228	226,075	244,829	.614	.614	101	101
Maintenance of equipment and stores.....	246,622	271,453	411,691	471,999				
Daily basis.....	9,330	9,348	28,834	29,141	9.29	9.34	268	260
Hourly basis.....	237,292	262,105	382,857	442,858	.689	.697	134	141
Transportation (other than train service, engine, and yard).....	127,876	129,910	209,387	213,764				
Daily basis.....	18,980	18,442	25,665	25,182	3.95	3.98	113	114
Hourly basis.....	108,896	111,468	183,672	188,582	.640	.637	141	141
Transportation (yardmasters, switch tenders, and hostlers).....	12,927	13,077	31,985	32,324				
Daily basis.....	3,920	4,046	13,227	13,755	9.31	9.35	281	283
Hourly basis.....	9,007	9,031	18,708	19,069	.745	.745	173	176
Transportation (train and engine service).....	208,970	217,038	509,578	547,232				
Hourly basis.....	208,970	217,038	509,578	547,232	.908	.906	203	210

Source: Interstate Commerce Commission; annual report, Wage Statistics of Class I Steam Railways in the United States.

No. 481.—STEAM RAILWAYS—RECEIVERSHIPS AND TRUSTEESHIPS: 1881-1939

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)
1882.....			12	912	39,074	1912.....	44	9,786	13	3,784	182,112
1883.....			11	1,900	108,470	1913.....	49	16,286	17	9,020	477,781
1884.....			37	11,038	714,755	1914.....	68	18,008	22	4,222	190,571
1885.....			44	8,836	386,460	1915.....	85	30,223	12	20,143	1,070,809
1886.....			13	1,799	70,346	1916.....	80	34,804	9	4,439	208,160
1887.....			9	1,046	90,318	1917.....	82	17,376	19	2,486	61,170
1888.....			22	3,270	186,814	1918.....	74	19,208	8	3,510	242,091
1889.....			22	3,803	99,664	1919.....	65	16,590	7	244	11,887
1890.....			26	2,963	105,007	1920.....	61	16,290	10	541	21,620
1891.....			26	2,159	84,479	1921.....	68	18,512	14	1,744	63,872
1892.....			36	10,508	357,692	1922.....	84	15,269	12	4,330	329,115
1893.....			74	29,340	1,781,046	1923.....	84	12,623	10	2,218	87,914
1894.....	192	40,819	38	7,025	395,791	1924.....	51	8,105	11	920	30,223
1896.....	160	37,856	31	4,089	369,075	1925.....	63	18,687	6	11,368	680,422
1896.....	151	30,476	34	5,441	275,597	1926.....	45	17,632	6	88	2,821
1897.....	128	18,862	18	1,537	92,909	1927.....	40	16,762	6	924	45,237
1898.....	94	12,745	18	2,060	138,701	1928.....	33	5,266	1	19	529
1899.....	71	9,863	10	1,019	52,285	1929.....	29	5,703	3	634	30,981
1900.....	62	4,178	16	1,165	78,234	1930.....	30	9,486	4	4,752	277,324
1901.....	45	2,497	4	73	1,627	1931.....	45	12,970	19	5,195	432,152
1902.....	27	1,475	5	278	5,335	1932.....	55	22,545	13	11,817	626,877
1903.....	27	1,185	9	229	18,823	1933 2	78	41,698	32	25,124	1,750,397
1904.....	28	1,323	8	744	36,069	1934 2	80	42,168	4	1,016	51,074
1906.....	26	796	10	3,593	176,321	1935 2	87	68,345	13	27,124	2,168,871
1906.....	34	3,971	6	204	55,042	1936 2	91	69,712	10	1,874	165,278
1907.....	29	3,926	7	317	13,585	1937 2	109	70,884	27	2,110	199,093
1908.....	62	9,529	24	8,009	596,359	1938 2	109	76,938	9	6,997	730,287
1909.....	44	10,630	5	859	78,095	1939 2	108	77,013	3	784	78,868
1910.....	39	5,267	7	735	51,428						

1 Data relate to June 30 prior to 1916, Dec. 31 thereafter. 2 Includes roads under trusteeship.  
Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States, for first 2 columns and all data beginning with 1933; The Railway Age, Chicago, for other data.

**No. 482.—STEAM RAILWAYS (ALL REPORTING COMPANIES)—CAPITALIZATION:  
1890 to 1938**

NOTE.—All amounts except "per mile of road" in millions of dollars. Switching and terminal companies excluded beginning with 1910; their total capitalization in 1938 was \$806,027,907. 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	64.5
1900	11,491	4,522	1,323	5,646	1,470	473	9,548	-----	4,375	5,172	54.2
1910	18,417	6,710	1,403	10,304	2,555	1,486	14,376	62,819	5,589	8,817	61.3
Dec. 31, 1920	21,801	7,215	1,898	12,778	2,407	2,490	16,994	68,787	6,707	10,287	60.5
1923	22,839	7,398	1,852	13,589	2,403	2,626	17,810	73,417	6,847	10,963	61.6
1924	23,630	7,539	1,935	14,162	2,668	2,766	18,202	75,322	6,800	11,396	62.6
1925	23,644	7,602	1,987	14,105	2,654	2,799	18,191	74,460	6,885	11,305	62.1
1926	23,677	7,500	1,925	14,192	2,655	2,788	18,234	74,398	6,831	11,403	62.5
1927	23,614	7,683	1,980	13,951	2,906	2,571	18,137	73,984	6,766	11,381	62.7
1928	23,747	7,809	2,034	13,904	2,759	2,477	18,511	75,316	7,084	11,427	61.7
1929	23,983	7,853	2,065	14,065	2,705	2,598	18,680	75,508	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	24,344	8,031	2,049	14,264	2,969	2,434	18,941	76,822	7,111	11,830	62.5
1932	24,837	8,067	2,047	14,723	3,056	2,387	18,394	76,957	7,058	11,836	62.6
1933	24,728	8,067	2,042	14,624	2,924	2,908	18,531	77,214	7,175	11,650	61.9
1934	24,570	7,994	2,044	14,532	2,999	2,918	18,653	77,090	7,039	11,614	62.3
1935	24,247	7,987	2,036	14,224	3,022	2,883	18,342	76,359	7,002	11,340	61.8
1936	24,003	7,993	2,036	13,974	2,933	2,734	18,336	76,910	7,095	11,241	61.3
1937	24,123	8,064	2,050	14,009	3,045	2,760	18,319	77,280	7,060	11,250	61.4
1938	23,855	8,040	2,049	13,766	3,067	2,800	17,888	76,449	7,022	10,966	61.0

**No. 483.—STEAM RAILWAYS—STOCK OUTSTANDING, DIVIDENDS, AND INTEREST:  
1891 to 1938**

NOTE.—Data relate to years ending June 30 prior to 1916 and to calendar years thereafter. Nonoperating as well as operating roads are included. Switching and terminal roads are excluded beginning with 1908. Dividend figures throughout cover all classes of roads, but interest figure for 1913 excludes the unimportant class III roads. The amount of stock shown in the first column is exclusive of stock held by the issuing company, but includes that held by other railway companies

YEAR OR YEARLY AVERAGE	STOCK			DIVIDENDS			Interest accrued on funded debt (1,000 dolls.)
	Actually outstanding (1,000 dolls.)	Paying dividends (1,000 dolls.)	Percent paying dividends	Amount declared (1,000 dolls.)	Percent on stock paying dividends	Percent on all stock outstanding	
1891-1895	-----	1,737,048	-----	94,093	5.42	-----	243,013
1896-1900	-----	1,977,832	-----	104,295	5.27	-----	249,548
1901-1905	-----	3,505,694	-----	199,752	5.70	-----	285,755
1906-1910	-----	4,930,368	-----	339,685	6.89	-----	363,470
1911-1915	8,561,050	5,595,388	65.36	401,044	7.18	4.70	436,178
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	5,076,040	57.39	331,103	6.52	3.74	500,354
1921	8,889,921	5,059,844	56.92	456,482	9.02	5.13	529,393
1922	8,961,637	5,321,347	59.38	338,806	6.37	3.78	538,694
1923	9,092,933	5,646,076	62.09	411,882	7.30	4.53	551,706
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	583,876
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	507,281	8.47	5.95	583,452
1928	9,722,079	7,159,989	73.65	510,018	7.12	5.25	578,831
1929	9,847,311	7,506,265	76.23	560,902	7.47	5.70	580,770
1930	10,011,538	7,702,021	76.93	603,150	7.83	6.02	588,742
1931	10,008,413	7,325,664	73.20	401,463	5.48	4.01	592,866
1932	10,042,702	3,208,822	32.86	150,774	4.57	1.50	591,340
1933	10,027,092	3,119,282	31.11	158,790	5.09	1.58	590,230
1934	9,958,550	3,411,520	34.26	211,767	6.21	2.13	569,790
1935	9,925,202	3,412,968	34.39	202,598	6.94	2.04	559,187
1936	9,929,650	3,594,789	36.20	231,733	6.45	2.33	548,452
1937	9,812,663	3,800,177	39.64	227,596	5.55	2.32	532,237
1938	9,788,412	3,139,486	32.07	136,270	4.34	1.39	521,758

Source of tables 482 and 483: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

## No. 484.—STEAM RAILWAYS—SECURITIES ACTUALLY OUTSTANDING: 1925 TO 1938

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				
<b>Total:</b>								
1925.....	21,734,096	8,627,108	3,444,420	9,782,592	18,098,164	437,022	86,167	3,112,753
1930.....	22,782,889	9,128,919	3,058,676	9,995,395	18,006,270	349,079	64,814	3,362,720
1935.....	22,079,551	9,210,379	3,401,012	9,468,160	18,530,040	300,476	53,426	3,195,600
1937.....	21,694,045	9,260,722	3,398,742	9,035,181	18,273,439	297,073	48,990	3,075,743
1938.....	21,428,320	9,165,363	3,355,336	8,907,621	18,038,268	285,438	45,002	3,013,712
<b>Stock:</b>								
1925.....	9,413,101	3,771,338	1,324,472	4,317,291	7,633,466	263,208	50,452	1,460,985
1930.....	10,011,638	4,290,108	1,461,628	4,259,802	8,267,129	207,566	45,008	1,491,785
1935.....	9,925,202	4,325,471	1,431,397	4,168,334	8,218,994	194,922	38,217	1,473,009
1937.....	9,812,663	4,387,713	1,445,280	3,979,665	8,123,195	192,098	34,251	1,463,120
1938.....	9,788,412	4,370,498	1,445,130	3,972,784	8,148,602	190,070	33,458	1,410,282
<b>Funded debt:</b>								
1925.....	12,320,995	4,755,830	2,119,954	5,445,211	10,464,708	183,814	29,705	1,642,768
1930.....	12,771,851	4,838,811	2,196,947	5,735,593	10,739,147	141,523	19,740	1,870,935
1935.....	12,154,340	4,884,908	1,069,615	5,299,826	10,311,046	105,554	15,200	1,722,540
1937.....	11,881,981	4,873,009	1,953,466	5,055,516	10,160,244	104,975	14,340	1,612,623
1938.....	11,030,908	4,794,865	1,910,266	4,934,837	9,934,666	95,368	12,441	1,597,430
<b>1938</b>								
Common stock.....	7,765,976	3,705,755	1,229,502	2,830,719	6,281,844	174,884	32,604	1,276,044
Preferred stock.....	2,022,496	694,743	215,023	1,142,065	1,896,758	15,185	854	139,085
Mortgage bonds.....	9,246,142	3,705,138	1,645,204	3,032,740	7,077,813	86,882	11,825	1,470,212
Collateral trust bonds.....	781,258	410,888	171,332	199,013	710,417	3,221	412	67,233
Income bonds.....	313,020	12,650	9,993	290,364	238,594	3,453	332	20,971
Miscellaneous obligations.....	858,655	395,856	75,184	387,612	819,015	1,934	176	36,931
Equipment obligations.....	440,803	210,317	105,383	125,103	437,987	48	-----	2,768

## No. 485.—STEAM RAILWAYS—INVESTMENT, INCOME, AND DIVIDENDS: 1910 TO 1938

NOTE.—All figures, except as indicated, in thousands of dollars. No data for switching and terminal companies are included. Investment is as reported by the carrier and should not be confused with the tentative valuation fixed by the Interstate Commerce Commission.

YEAR ENDED—	Investment <sup>1</sup>	Investment per mile of road	Net railway operating income	Return on investment	Other income <sup>2</sup>	Interest, rents, and other deductions <sup>3</sup>	Dividends declared <sup>4</sup>
		<i>Dollars</i>		<i>Percent</i>			
June 30, 1910 <sup>5</sup> .....	14,557,816	64,382	805,097	5.53	222,915	511,417	351,202
Dec. 31, 1910.....	17,842,777	74,466	1,058,506	5.93	213,324	623,180	311,876
1919.....	10,300,121	79,974	454,132	2.35	( <sup>6</sup> )	\$ 630,559	281,569
1920.....	19,849,320	81,954	12,101	.06	( <sup>6</sup> )	\$ 640,516	275,348
1921.....	20,329,224	84,530	601,139	2.96	\$ 875,001	\$ 662,375	403,991
1922.....	20,580,001	86,004	769,411	3.74	\$ 265,033	\$ 655,647	275,722
1923.....	21,372,858	89,619	974,918	4.55	\$ 260,655	\$ 667,616	353,127
1924.....	22,182,267	93,233	984,463	4.44	\$ 269,188	\$ 684,569	325,933
1925.....	23,217,209	94,917	1,136,728	4.89	272,102	708,272	349,089
1926.....	23,880,740	97,433	1,229,020	5.15	301,541	718,984	411,208
1927.....	24,453,871	99,540	1,077,842	4.41	314,396	722,485	503,146
1928.....	24,875,984	100,974	1,182,467	4.75	323,310	720,770	436,217
1929.....	25,465,036	103,107	1,262,036	4.96	362,363	728,428	495,246
1930.....	26,051,000	105,661	874,164	3.36	361,106	716,730	511,259
1931.....	26,094,890	105,953	528,204	2.02	307,785	708,022	333,996
1932.....	26,086,991	106,337	325,332	1.25	226,092	701,500	97,243
1933.....	25,901,062	106,487	477,326	1.84	213,592	703,745	98,445
1934.....	25,631,008	106,279	465,896	1.81	203,941	694,360	136,018
1935.....	25,500,465	106,339	505,415	1.98	186,228	680,688	131,448
1936.....	25,432,388	106,783	675,000	2.00	182,821	693,479	175,332
1937.....	25,636,082	108,235	697,841	2.33	176,322	670,276	172,705
1938.....	25,595,739	108,871	376,865	1.47	156,841	660,298	85,320

<sup>1</sup> Prior to 1925 figures include investment of leased lines and exclude investment of proprietary companies not rendering annual reports. Beginning with 1925, the investment in road and equipment of proprietary companies is included as follows: 1925, \$480,216,000; 1926, \$831,674,000; 1927, \$919,095,000; 1928, \$1,013,752,000; 1929, \$1,051,469,000; 1930, \$1,065,691,000; 1931, \$1,114,637,000; 1932, \$1,121,945,000; 1933, \$1,090,261,000; 1934, \$860,651,000; 1935, \$861,716,000; 1936, \$861,699,000; 1937, \$848,173,000; 1938, \$840,033,000. No allowance is made for cash and material and supplies, and no deduction is made for depreciation.

<sup>2</sup> Does not include returns for lesser companies.

<sup>3</sup> Investment originally published is increased by \$170,000,000, estimated reserve for depreciation.

<sup>4</sup> Figures not comparable on account of Federal control accounting requirements.

<sup>5</sup> Does not include returns for class II and class III companies.

Source of tables 484 and 485: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 486.—STEAM-RAILWAY FREIGHT SERVICE—TRAIN MILES, CAR MILES,  
TONNAGE AND RELATED AVERAGES: 1891 TO 1939

NOTE.—Figures prior to 1916 relate to years ended June 30, thereafter to calendar years. Switching and terminal roads excluded beginning with 1908, except as noted. The tonnage "per loaded car" for "All roads" is based on revenue tonnage only; and for "Class I roads" on revenue and nonrevenue tonnage. Tons are of 2,000 pounds

CLASS AND YEAR OR YEARLY AVERAGE	Train- miles (thou- sands) <sup>1</sup>	CAR-MILES (THOUSANDS)		TONS OF REVENUE FREIGHT		FREIGHT REVENUE <sup>2</sup>		Average miles per car per day <sup>3</sup>
		Loaded (revenue and non- revenue)	Empty	Per train	Per loaded car	Per train- mile (dol- lars) <sup>3</sup>	Per loaded car- mile (cents) <sup>3</sup>	
<b>All roads:</b>								
1891-1895	467,209			184		1.62		
1896-1900	489,723			229		1.76		
1901-1905	519,896	9,631,628	4,320,390	304	17.4	2.35		
1906-1910	603,106	11,764,421	5,234,008	360	19.5	2.72		
1911-1915	608,512	13,369,203	6,169,216	432	20.7	3.19		
1916-1920	617,480	15,444,150	6,904,625	604	25.3	5.30		
1921-1925	577,844	15,243,111	8,096,532	621	24.6	7.28		
1926-1930	586,389	17,367,165	10,330,175	700	24.5	7.67		
1931-1935	396,017	11,419,604	7,283,037	625	23.2	6.46		
1917	646,402	15,911,203	6,780,872	588	24.8	4.27	17.7	
1918	628,436	14,995,557	7,167,144	621	27.0	5.33	22.9	
1919	560,499	14,273,422	6,581,570	623	25.4	6.14	24.8	23.0
1920	619,507	15,336,778	7,264,316	639	26.7	6.81	28.1	25.1
1921	519,817	12,449,086	7,309,192	567	24.6	7.38	31.4	22.4
1922	544,486	13,926,355	6,798,121	599	24.3	7.19	28.6	23.5
1923	631,167	16,374,760	8,536,002	632	25.2	7.19	28.1	27.8
1924	590,879	15,859,163	8,519,637	634	24.5	7.22	27.3	26.8
1925	602,873	16,836,710	9,319,706	663	24.6	7.41	26.9	28.5
1926	622,295	17,769,004	10,154,842	689	25.0	7.58	27.0	30.4
1927	598,485	17,390,777	10,298,061	690	24.6	7.59	26.0	30.3
1928	589,616	17,757,670	10,487,254	706	24.3	7.77	26.3	31.2
1929	598,343	18,109,002	10,805,302	718	24.5	7.86	26.4	32.3
1930	523,255	15,709,284	9,905,415	699	24.3	7.58	25.8	28.7
1931	446,261	13,087,643	8,472,144	653	23.4	6.98	24.6	24.5
1932	368,668	10,231,344	6,642,750	585	22.6	6.26	23.6	19.8
1933	368,666	10,540,396	6,773,651	619	23.3	6.32	23.2	21.3
1934	397,160	11,410,710	7,347,667	624	23.2	6.23	22.7	24.2
1935	403,851	11,827,925	7,178,969	646	23.5	6.51	23.2	25.8
1936	496,298	14,030,619	8,210,293	687	24.3	6.79	23.7	30.7
1937	512,200	14,702,185	8,686,673	708	24.7	6.72	23.1	32.4
1938	431,390	12,265,783	7,605,954	677	23.8	6.75	23.4	28.1
<b>Class I roads, total:</b>								
1916-1920	604,422	15,156,421	6,836,894	613	25.4	5.30	21.9	25.8
1921-1925	567,286	14,988,046	8,032,691	633	27.1	7.28	28.3	30.6
1926-1930	576,664	17,262,995	10,267,375	713	26.9	7.67	26.4	30.6
1931-1935	390,772	11,370,307	7,250,061	638	25.4	6.46	23.5	23.1
1936	486,341	13,964,297	8,160,035	703	24.3	6.79	23.7	30.7
1937	501,686	14,617,571	8,581,218	724	24.7	6.72	23.1	32.4
1938	422,388	12,196,033	7,569,050	691	23.8	6.75	23.4	28.1
1939	451,990	13,594,969	8,217,025	743	24.6	7.18	23.9	31.7
<b>Eastern district:</b>								
1926-1930	219,468	6,956,068	4,125,220	818	28.1	8.92	28.6	26.4
1931-1935	143,110	4,511,567	2,867,127	757	26.6	7.81	25.4	19.5
1936	160,661	5,295,961	3,064,533	840	26.1	8.43	26.5	25.1
1937	170,448	5,538,542	3,169,924	864	26.3	8.29	25.5	26.7
1938	137,256	4,412,390	2,723,309	816	25.1	8.16	25.4	24.6
1939	152,871	5,090,789	3,078,185	885	26.3	8.82	26.5	26.1
<b>Southern district:</b>								
1926-1930	122,815	3,314,113	2,127,953	788	30.5	6.65	25.3	36.0
1931-1935	82,472	2,218,915	1,479,345	704	29.9	6.05	23.7	26.3
1936	100,550	2,726,326	1,644,902	784	28.7	6.47	23.9	35.7
1937	103,155	2,828,202	1,722,530	799	28.9	6.34	23.1	37.1
1938	90,339	2,466,785	1,584,165	711	27.8	6.43	23.7	32.9
1939	96,383	2,716,931	1,703,419	801	28.6	6.76	24.0	36.9
<b>Western district:</b>								
1926-1930	284,381	6,992,814	4,014,202	606	24.0	7.08	24.8	33.4
1931-1935	165,190	4,639,825	2,993,589	511	22.3	5.57	21.5	28.2
1936	219,140	5,932,010	3,460,600	563	20.7	5.69	21.0	35.5
1937	228,083	6,230,827	3,638,764	537	21.3	5.72	20.9	37.2
1938	194,793	5,320,858	3,251,570	571	20.8	5.91	21.6	32.6
1939	202,736	5,767,249	3,435,421	605	21.2	6.14	21.6	36.2

<sup>1</sup> Figures for 1935 and prior years are not strictly comparable with those for subsequent years due to change in train classifications. <sup>2</sup> Data are for class I roads including switching and terminal companies.

<sup>3</sup> Beginning with 1917 data available for class I roads only.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States. See last paragraph of general note, p. 424, regarding current data.







No. 489.—STEAM RAILWAYS—PASSENGERS CARRIED AND PASSENGER REVENUE:  
1891 TO 1939

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) <sup>1</sup>	Passenger train car-miles (thousands) <sup>1</sup>	Passenger revenue (thousand dollars)	Passenger service train revenue per train-mile <sup>1</sup>	Revenue per passenger per mile (cts.)	Average passengers per train <sup>1</sup>
<b>All roads:</b>									
1891-1895	546,762	13,383	24.48	321,031	-----	281,415	\$1.06	2.10	42
1896-1900	520,459	13,803	26.64	345,457	-----	279,900	.99	2.02	39
1901-1905	681,261	20,737	30.44	423,244	-----	416,600	1.11	2.01	46
1906-1910	835,003	28,683	32.41	509,868	-----	506,815	1.26	1.98	53
1911-1915	1,018,804	33,768	33.14	587,501	3,264,399	672,792	1.32	1.99	54
1916-1920	1,182,566	42,548	36.92	572,215	3,447,464	1,021,636	2.13	2.40	72
1921-1925	982,320	36,809	37.58	571,455	3,603,117	1,112,634	2.47	3.02	65
1926-1930	801,503	31,846	39.75	569,310	3,818,059	908,341	2.15	2.85	56
1931-1935	483,006	18,375	38.04	410,509	2,745,969	392,869	1.38	2.14	45
1910	671,083	32,388	33.50	549,015	2,998,171	628,992	1.30	1.94	56
1911	907,410	33,202	33.48	572,929	3,136,774	657,638	1.31	1.97	55
1912	1,004,081	33,132	33.18	685,854	3,235,634	660,373	1.29	1.99	53
1913	1,043,603	34,673	33.31	693,061	3,320,488	695,988	1.36	2.01	55
1914	1,063,240	35,357	33.25	605,212	3,399,604	703,484	1.34	1.99	56
1915	985,676	32,475	32.95	580,448	3,229,496	646,475	1.31	1.99	53
1916	1,048,987	35,220	33.68	595,441	3,409,639	722,359	1.44	2.05	56
1917	1,109,943	40,100	36.13	593,338	3,485,788	840,910	2.09	2.10	65
1918	1,122,963	43,212	38.48	644,321	3,276,489	1,046,166	2.47	2.42	76
1919	1,211,022	46,898	38.68	553,147	3,446,787	1,193,431	2.46	2.55	82
1920	1,269,913	47,370	37.30	574,826	3,618,617	1,304,815	2.78	2.76	80
1921	1,061,131	37,700	35.53	508,242	3,503,514	1,166,252	2.51	3.00	67
1922	989,509	35,811	36.19	553,919	3,445,860	1,087,616	2.60	3.04	65
1923	1,008,538	35,294	37.97	573,938	3,616,342	1,188,925	2.66	3.03	67
1924	950,459	36,365	38.26	579,384	3,676,746	1,085,672	2.41	2.90	63
1925	901,903	36,107	40.10	581,792	3,773,114	1,064,086	2.37	2.94	63
1926	874,589	35,673	40.79	584,972	3,862,610	1,049,210	2.32	2.94	61
1927	840,030	33,793	40.23	578,355	3,850,116	980,528	2.23	2.90	59
1928	798,476	31,718	39.72	570,038	3,815,337	905,271	2.13	2.85	56
1929	786,432	31,165	39.63	598,095	3,870,903	875,929	2.18	2.81	55
1930	707,987	26,876	37.96	545,091	3,691,480	730,766	1.85	2.72	49
1931	599,227	21,933	36.60	485,538	3,274,812	551,726	1.61	2.52	45
1932	480,718	16,997	35.39	419,088	2,743,437	377,511	1.33	2.22	40
1933	434,848	16,368	37.64	380,435	2,496,969	329,816	1.27	2.02	43
1934	452,178	18,069	39.96	381,611	2,574,329	346,870	1.33	1.92	47
1935	448,059	18,509	41.31	385,874	2,640,297	358,423	1.35	1.94	47
1936	492,437	22,460	45.60	409,072	2,930,332	413,189	1.46	1.84	50
1937	490,683	24,695	49.42	420,819	3,091,132	443,532	1.60	1.80	55
1938	454,508	21,637	47.65	398,145	2,933,233	406,406	1.46	1.88	55
<b>Class I roads:</b>									
1916-1920	1,114,055	41,989	37.69	556,495	3,406,925	1,005,690	2.13	2.40	72
1921-1925	982,153	39,556	37.99	538,565	3,572,292	1,100,002	2.47	3.01	65
1926-1930	793,335	31,724	39.09	500,635	3,800,069	903,748	2.15	2.85	50
1931-1935	480,764	18,343	38.15	405,992	2,738,583	391,826	1.38	2.14	45
1936	445,872	18,476	41.44	381,747	2,833,758	357,493	1.35	1.93	47
1937	497,288	24,421	45.78	404,676	2,919,220	412,144	1.46	1.84	55
1938	442,658	24,655	49.58	416,385	3,050,215	442,518	1.60	1.79	59
1939	452,731	21,629	47.77	393,792	2,923,627	405,598	1.46	1.87	55
1930	450,373	22,651	50.29	390,883	2,976,513	416,531	1.52	1.84	58
<b>Eastern district:</b>									
1936	351,856	11,841	33.65	169,442	1,220,527	232,375	1.82	1.96	76
1937	354,035	12,068	36.03	178,151	1,278,739	243,425	1.84	1.88	75
1938	327,742	11,618	35.45	161,847	1,197,118	224,193	1.81	1.93	73
1939	334,772	12,015	35.89	162,328	1,225,561	232,376	1.89	1.93	74
<b>Southern district:</b>									
1936	53,074	3,133	59.04	70,508	500,281	55,328	1.22	1.77	44
1937	57,193	3,405	59.54	70,770	517,936	60,943	1.30	1.79	49
1938	47,547	2,663	56.01	67,716	488,296	53,217	1.20	2.00	39
1939	49,209	2,975	60.35	66,204	495,193	53,474	1.25	1.80	45
<b>Western district:</b>									
1936	85,161	7,447	87.44	164,728	1,198,412	124,441	1.20	1.67	45
1937	86,000	8,282	96.24	172,464	1,283,540	138,150	1.23	1.67	48
1938	77,442	7,348	94.88	164,229	1,238,213	128,188	1.22	1.74	44
1939	66,302	7,661	115.55	162,351	1,255,769	130,681	1.26	1.71	47

<sup>1</sup> Figures for 1935 and prior years are not strictly comparable with those for subsequent years due to change in train classifications.

<sup>2</sup> Data available for class I roads only.

<sup>3</sup> Class I and class II roads.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States. See last paragraph of general note, p. 424, regarding current data.



No. 491.—STEAM RAILWAYS (CLASS I)—INCOME ACCOUNT OF OPERATING ROADS:  
1921 to 1939

NOTE.—All figures in thousands of dollars. Switching and terminal companies are excluded

ITEM	1921- 1925 (average)	1926- 1930 (average)	1931- 1935 (average)	1936 <sup>1</sup>	1937 <sup>1</sup>	1938 <sup>1</sup>	1939 <sup>1</sup>
Revenues.....	5,881,856	6,038,339	3,426,801	4,052,734	4,166,069	3,665,491	3,995,004
Freight.....	4,277,134	4,600,341	2,719,977	3,308,541	3,377,909	2,858,077	3,251,096
Passenger.....	1,100,693	993,748	301,826	412,379	442,809	405,883	416,993
Mail.....	94,900	111,857	95,530	95,575	97,084	95,963	90,013
Express.....	137,886	130,570	57,948	60,157	57,683	48,462	55,199
All other transportation.....	129,878	136,665	81,230	86,894	89,150	75,304	82,563
All other.....	141,455	146,128	80,291	89,158	100,525	81,802	90,240
Expenses.....	4,583,425	4,421,699	2,582,183	2,931,425	3,119,065	2,722,199	2,913,210
Maintenance, way, etc.....	781,577	826,826	392,669	454,810	495,594	420,147	466,831
Maintenance, equipment.....	1,297,802	1,178,252	670,879	783,000	826,709	676,507	765,935
Traffic.....	93,919	123,608	96,544	100,128	105,478	102,532	106,735
Transportation.....	2,194,358	2,054,865	1,235,538	1,405,467	1,510,275	1,361,533	1,417,794
All other.....	215,769	238,148	186,533	188,030	181,009	161,480	160,015
Net revenue from railway operations.....	1,298,431	1,616,640	844,638	1,121,309	1,047,004	843,292	1,076,794
Deduct—							
Tax accruals.....	321,530	379,941	260,971	319,753	325,665	340,782	355,677
Uncollectible revenues.....	1,895	1,427	1,000		( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Equipment rents.....	67,659	91,786	83,963	94,458	95,021	94,965	96,518
Joint facility rents.....	23,742	28,583	35,866	39,751	36,114	34,071	35,770
Net railway operating income.....	883,589	1,114,903	457,739	687,347	690,204	372,874	688,829

ITEM	EASTERN DISTRICT			SOUTHERN DISTRICT			WESTERN DISTRICT		
	1937 <sup>1</sup>	1938 <sup>1</sup>	1939 <sup>1</sup>	1937 <sup>1</sup>	1938 <sup>1</sup>	1939 <sup>1</sup>	1937 <sup>1</sup>	1938 <sup>1</sup>	1939 <sup>1</sup>
Revenues.....	1,812,675	1,474,839	1,726,110	787,584	681,867	754,088	1,585,810	1,408,785	1,514,796
Freight.....	1,413,213	1,119,730	1,348,811	654,127	581,449	651,372	1,310,569	1,150,898	1,250,913
Passenger.....	243,425	224,193	232,376	90,943	53,217	53,474	138,441	128,473	131,053
Mail.....	37,418	36,573	37,893	17,056	16,623	16,918	43,510	42,707	44,201
Express.....	23,520	17,644	22,034	11,732	10,203	11,035	22,431	20,615	21,221
All other transportation.....	45,338	36,505	40,161	9,667	8,333	8,624	34,154	30,400	33,778
All other.....	40,761	40,134	43,935	14,059	12,042	12,675	36,705	26,026	33,630
Expenses.....	1,362,759	1,136,002	1,269,339	531,589	483,972	514,396	1,224,717	1,102,225	1,144,476
Maintenance, way, etc.....	195,661	153,419	177,082	85,698	76,439	83,204	214,245	190,239	206,455
Maintenance, equipment.....	374,118	282,462	339,833	149,647	131,039	145,713	302,944	263,006	280,389
Traffic.....	38,783	37,245	38,686	19,854	19,519	20,209	46,841	45,708	47,840
Transportation.....	676,732	590,358	637,442	245,045	228,736	236,901	587,898	536,439	543,451
All other.....	77,495	66,518	66,296	30,755	28,189	28,279	72,789	66,773	66,340
Net revenue from railway operations.....	449,916	338,837	466,771	235,995	197,895	239,792	361,093	306,560	370,321
Deduct—									
Tax accruals.....	143,458	143,607	149,887	68,229	69,256	74,452	113,978	127,919	131,338
Equipment rents.....	39,326	40,689	44,230	3,783	5,327	3,558	51,912	48,949	48,730
Joint facility rents.....	19,938	18,635	19,790	3,054	3,888	3,842	12,222	12,148	12,138
Net railway operating income.....	247,194	135,906	252,864	160,029	118,424	157,850	182,961	117,544	178,115

<sup>1</sup> Rail line and water line transportation combined in the several accounts; water line transportation included in "All other" in prior years.

<sup>2</sup> Account eliminated.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States See last paragraph of general note, p. 424, regarding current data.

No. 492.—STEAM RAILWAYS (CLASS I)—RAILWAY TAX ACCRUALS, BY STATES:  
1920 TO 1938

NOTE.—Data for all years exclude switching and terminal companies and include nonoperating subsidiaries. Total railroad taxes, Federal and State, in 1938, by classes, were as follows: Class I and subsidiaries, \$343,193,790 (including \$31 British, \$723,421 Canadian, \$11, Cuban, and \$112,624 Mexican taxes and an adjustment of \$37,901 not localized by States); class II and subsidiaries, \$4,648,548, class III and subsidiaries, \$808,092; switching and terminal companies, \$16,117,135; grand total, \$364,767,505

STATE	AMOUNT (THOUSANDS OF DOLLARS)						PER MILE OF LINE (DOLLARS)			
	1920	1925	1930	1935	1937	1938	1930	1935	1937	1938
<b>Total</b> .....	282,761	359,370	349,207	238,372	328,251	342,386	1,619	1,082	1,475	1,546
<b>U. S. Government taxes</b> .....	50,543	87,680	40,086	26,790	69,997	77,423	178	119	315	350
<b>New England:</b>										
Maine.....	1,725	1,977	1,908	1,232	1,359	1,488	963	690	732	807
New Hampshire.....	1,005	1,042	1,125	718	829	816	990	703	844	825
Vermont.....	451	453	407	413	463	606	640	553	618	839
Massachusetts.....	3,339	3,920	4,709	3,904	4,706	5,227	2,369	2,058	2,489	2,827
Rhode Island.....	585	604	637	664	715	741	3,933	3,670	3,845	4,164
Connecticut.....	1,975	2,058	1,672	711	901	981	1,737	731	989	1,090
<b>Middle Atlantic:</b>										
New York.....	17,861	22,613	27,378	23,685	28,763	32,070	3,401	3,039	3,753	4,351
New Jersey.....	11,189	17,355	20,442	17,520	19,122	20,362	9,951	8,998	9,003	10,545
Pennsylvania.....	9,342	11,134	12,440	9,342	17,230	14,384	1,235	923	1,732	1,453
<b>South Atlantic:</b>										
Delaware.....	165	182	166	151	280	297	567	501	634	1,000
Dist. of Columbia.....	70	126	144	138	251	355	4,178	3,937	8,016	10,156
Maryland.....	2,004	1,352	2,076	1,748	2,702	2,659	1,829	1,537	2,436	2,347
Virginia.....	4,695	5,614	7,318	5,192	6,401	6,819	1,769	1,259	1,601	1,643
West Virginia.....	3,879	6,046	8,109	8,229	8,373	8,403	2,193	2,518	2,379	2,372
North Carolina.....	2,129	4,748	5,392	3,690	4,239	4,217	1,399	994	1,147	1,154
South Carolina.....	1,951	2,840	3,489	2,393	2,486	2,231	1,106	763	796	721
Georgia.....	2,481	3,310	3,966	2,434	3,046	3,301	719	448	561	619
Florida.....	2,167	3,888	4,904	3,039	2,951	3,231	965	613	621	673
<b>East North Central:</b>										
Ohio.....	16,842	18,518	19,928	10,452	13,989	14,125	2,334	1,240	1,662	1,681
Indiana.....	9,422	11,627	13,852	6,520	7,691	7,846	2,011	956	1,147	1,174
Illinois.....	10,422	21,576	22,084	13,010	17,527	17,520	1,827	1,145	1,483	1,482
Michigan.....	7,579	7,666	10,816	5,340	6,535	6,656	1,469	771	951	971
Wisconsin.....	6,876	7,295	7,201	4,921	5,411	5,309	1,034	734	814	894
<b>West North Central:</b>										
Minnesota.....	9,753	7,965	6,778	4,291	7,384	6,099	823	528	917	759
Iowa.....	7,855	6,842	8,026	3,804	4,266	4,074	831	404	464	449
Missouri.....	3,359	3,716	4,284	3,366	4,352	4,644	566	471	622	609
North Dakota.....	4,997	4,290	4,110	2,114	2,515	2,714	789	410	490	529
South Dakota.....	3,718	3,161	2,696	2,191	1,897	1,823	644	532	462	448
Nebraska.....	4,159	4,747	4,622	3,060	3,923	3,958	749	501	643	655
Kansas.....	6,188	6,670	8,871	6,232	6,963	6,899	968	721	810	807
<b>East South Central:</b>										
Kentucky.....	2,184	4,246	5,373	3,552	5,299	5,747	1,411	979	1,466	1,597
Tennessee.....	2,584	3,107	3,029	2,558	3,337	3,693	1,002	725	970	1,074
Alabama.....	2,548	2,687	3,681	2,378	2,403	2,558	797	522	644	567
Mississippi.....	3,612	5,004	5,047	2,937	3,424	3,320	1,322	801	934	905
<b>West South Central:</b>										
Louisiana.....	3,788	4,578	5,098	4,087	4,209	4,415	1,280	1,046	1,080	1,135
Texas.....	5,098	6,514	7,614	5,487	6,011	7,088	494	367	448	481
Oklahoma.....	5,463	5,682	6,498	3,607	4,103	4,390	994	550	648	704
Arkansas.....	3,912	2,643	3,025	2,290	2,299	2,499	690	539	553	603
<b>Mountain:</b>										
Montana.....	4,284	4,728	5,178	4,460	4,821	4,631	1,016	881	959	921
Wyoming.....	1,213	1,659	1,970	1,671	2,001	2,088	1,071	909	1,088	1,126
Colorado.....	3,344	3,719	4,271	3,363	4,664	4,637	972	773	1,146	1,137
New Mexico.....	2,467	2,212	2,785	1,883	2,055	1,912	903	693	755	703
Arizona.....	1,572	2,485	3,100	3,055	2,621	2,800	1,403	1,491	1,281	1,368
Utah.....	1,856	2,161	2,404	2,243	2,371	2,520	1,142	1,087	1,100	1,236
Nevada.....	1,543	1,762	1,970	1,756	2,046	2,106	1,163	1,041	1,213	1,250
Idaho.....	3,844	2,872	3,244	2,516	2,729	2,513	1,219	962	1,009	929
<b>Pacific:</b>										
Washington.....	8,795	6,647	7,430	3,882	4,353	4,527	1,480	787	883	919
Oregon.....	2,722	2,736	3,084	2,413	2,595	2,786	1,119	782	806	929
California.....	7,187	12,903	13,210	6,229	8,050	9,623	1,842	869	1,234	1,384

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 493.—STEAM RAILWAYS—REVENUE FREIGHT ORIGINATED AND CARRIED,  
BY COMMODITY GROUPS, ALL ROADS, 1906 TO 1915, CLASS I ROADS, 1916 TO  
1939

NOTE.—All figures in thousands of tons of 2,000 pounds. Data relate to years ended June 30 prior to 1916, to calendar years thereafter. Switching and terminal roads excluded beginning with 1908. Figures for 1911 to 1915, inclusive, exclude class III roads but this affects the comparability very slightly; those after 1916 exclude both class II and class III, thereby reducing the grand total about 6 percent. Non-revenue freight is excluded; this is a large item in the case of a few commodities, notably coal

CLASS OF ROAD AND YEAR OR YEARLY AVERAGE	Total	Prod- ucts of agri- culture	Anim- als and prod- ucts	PRODUCTS OF MINES		Prod- ucts of forests	MANUFACTURES AND MISCELLA- NEOUS	
				Coal and coke	Other		Carload ship- ments	Less than car- load
<b>I. REVENUE FREIGHT ORIGINATED</b>								
All roads:								
1906-1910.....	1 930,255	73,864	20,000	324,282	147,864	98,879	162,225	33,991
1911-1915 <sup>1</sup> .....	1 1,053,648	99,095	25,731	392,808	192,058	101,143	181,191	41,314
<b>Class I:</b>								
1916-1920.....	1 1,216,452	112,038	32,039	460,120	229,816	97,351	231,901	52,914
1921.....	940,183	114,089	24,263	370,221	135,050	70,419	172,189	41,992
1922.....	1,023,745	111,787	25,230	351,846	151,152	89,059	220,442	43,229
1923.....	1,379,030	109,318	28,254	471,854	241,881	115,618	267,707	44,338
1924.....	1,137,296	116,587	27,747	414,499	223,033	108,094	250,737	40,549
1925.....	1,247,242	109,313	26,324	424,403	253,933	107,391	285,297	40,557
1926.....	1,336,142	111,787	26,243	490,944	270,759	104,851	290,067	39,491
1927.....	1,281,611	113,342	26,093	449,891	263,511	99,351	291,073	38,440
1928.....	1,285,943	118,022	25,634	432,296	204,287	90,737	312,013	36,954
1929.....	1,359,091	115,243	24,907	459,937	278,482	94,855	330,064	36,043
1930.....	1,353,197	110,728	23,129	407,937	234,000	69,371	297,705	29,607
1931.....	804,186	97,437	21,632	339,636	192,367	43,024	207,896	22,774
1932.....	646,228	80,917	18,055	281,224	81,002	26,109	143,682	15,224
1933.....	608,643	81,702	17,651	295,478	98,587	33,165	157,009	14,351
1934.....	736,026	79,305	20,363	323,500	112,890	35,650	179,253	14,345
1935.....	739,027	76,338	15,125	320,628	124,508	42,483	190,506	14,039
1936.....	953,830	86,648	16,200	369,101	172,337	53,150	245,037	16,292
1937.....	1,015,584	89,430	15,233	397,858	202,337	58,058	265,302	17,188
1938.....	771,352	95,390	14,700	287,505	121,330	43,973	194,512	14,392
1939.....	901,609	91,664	15,040	330,947	165,992	50,156	233,080	14,875
<b>Eastern district:</b>								
1937.....	431,200	18,897	3,888	189,542	50,281	4,796	155,272	8,524
1938.....	317,081	18,890	3,657	146,953	33,006	3,802	103,520	6,923
1939.....	382,050	19,797	3,800	170,395	45,101	3,503	132,949	7,345
<b>Southern district:</b>								
1937.....	240,466	11,395	1,359	145,130	28,069	18,664	32,440	3,403
1938.....	197,069	11,906	1,399	114,355	24,546	14,617	27,302	2,944
1939.....	221,446	11,068	1,460	131,977	25,976	16,940	30,936	3,065
<b>Western district:</b>								
1937.....	343,920	50,166	9,086	32,716	124,007	35,198	77,584	5,261
1938.....	257,712	64,594	9,704	26,167	63,178	25,854	63,690	4,525
1939.....	297,273	60,681	9,729	28,575	94,915	29,707	69,201	4,465
<b>II. TOTAL REVENUE FREIGHT CARRIED<sup>2</sup></b>								
All roads:								
1906-1910.....	1 1,673,431	150,384	38,769	560,884	228,563	168,023	314,007	59,277
1911-1915 <sup>1</sup> .....	1 1,831,635	192,252	44,194	712,193	284,499	183,292	350,669	71,347
<b>Class I:</b>								
1916-1920.....	1 2,212,267	225,605	55,199	826,012	340,783	103,436	460,202	93,550
1921-1925.....	2 0,683,262	221,961	46,065	757,408	316,014	102,256	465,007	66,371
1926-1930.....	2 3,411,062	221,019	45,054	852,777	395,987	179,554	584,457	62,214
1931-1935.....	1 3,665,784	157,082	35,572	560,360	172,482	68,345	341,825	30,135
1935.....	1,427,042	143,208	30,049	578,848	128,114	79,535	380,324	26,904
1936.....	1,712,975	159,523	31,689	604,148	259,025	100,439	467,857	30,204
1937.....	1,825,342	164,138	30,222	670,975	307,681	110,675	509,174	32,177
1938.....	1,399,259	172,961	30,060	525,182	182,790	83,640	377,709	26,887
1939.....	1,630,215	168,308	31,168	600,123	259,109	96,470	452,262	28,275
<b>Eastern district:</b>								
1937.....	930,822	50,100	12,896	410,746	124,254	24,515	282,936	16,375
1938.....	684,172	52,035	13,037	325,225	69,220	17,003	193,721	13,331
1939.....	831,604	54,654	13,650	376,697	107,188	20,218	245,878	14,419
<b>Southern district:</b>								
1937.....	360,960	25,843	3,228	183,736	39,398	30,671	70,678	7,469
1938.....	300,400	26,801	3,350	146,587	34,081	23,808	59,961	6,449
1939.....	338,710	28,216	3,551	168,284	37,480	26,900	69,481	6,798
<b>Western district:</b>								
1937.....	533,560	38,195	14,098	67,493	144,020	55,852	155,560	8,333
1938.....	414,637	94,325	13,703	53,370	79,489	42,666	124,027	7,107
1939.....	465,901	87,938	13,967	66,242	114,441	49,352	139,903	7,068

<sup>1</sup> Includes some undistributed freight. <sup>2</sup> Excluding class III. <sup>3</sup> Including receipts from connecting lines.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

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, 1939 (THOUSANDS OF TONS OF 2,000 POUNDS)		
	All districts								1939			Eastern district	Southern district	Western district
	1920	1925	1930	1935	1936	1937	1938	1939	Eastern district	Southern district	Western district			
Grand total, carload and l. c. l.....	1,256,421	1,247,242	1,153,197	789,627	958,830	1,015,586	771,862	901,669	382,950	221,446	297,273	831,604	338,710	485,901
Grand total, carload traffic.....	1,202,219	1,206,855	1,123,530	775,588	942,538	998,398	757,470	888,794	375,605	218,881	292,808	817,185	331,912	458,843
Products of agriculture, total.....	110,840	109,313	110,728	76,338	86,648	89,460	95,390	91,564	19,797	11,086	60,681	54,654	26,216	87,938
Wheat.....	23,131	21,548	25,466	15,931	16,575	21,205	23,162	22,285	3,402	706	18,177	5,700	1,780	21,377
Corn.....	12,689	12,680	13,986	7,806	11,398	9,220	14,338	10,342	3,316	1,521	5,505	6,143	2,232	7,350
Oats.....	8,615	8,450	5,184	2,923	3,229	3,407	2,972	2,733	618	248	1,867	1,855	501	2,362
Other grain.....	5,669	4,564	4,045	3,886	4,735	4,434	4,707	4,708	372	93	4,243	920	357	5,536
Flour and meal.....	10,952	9,901	10,546	8,649	9,191	8,951	9,067	9,316	2,501	799	6,016	8,430	2,760	8,686
Cereal foods and other mill products.....	8,891	9,578	10,610	6,765	8,115	7,855	7,790	8,721	3,474	857	4,390	8,049	2,277	6,381
Hay, straw, and alfalfa.....	7,957	5,506	3,494	1,598	1,343	1,511	718	625	246	56	323	679	241	417
Leaf tobacco <sup>1</sup> .....	1,081	1,038	1,008	647	618	758	772	829	73	734	22	208	1,320	33
Cotton.....	3,379	4,127	3,032	2,962	3,782	3,904	3,000	3,367	77	1,399	1,891	1,043	3,264	2,569
Cottonseed and products, except oil.....	4,573	5,849	5,065	2,075	2,662	2,920	2,154	1,775	9	948	818	334	1,303	1,390
Citrus fruits.....	1,404	1,363	1,734	2,017	1,938	2,055	2,574	2,621	146	976	1,499	2,616	3,041	4,267
Other fresh fruits.....	5,271	5,910	5,919	3,683	3,769	3,892	3,680	3,420	587	741	2,092	3,077	1,856	5,368
Potatoes, except sweet <sup>2</sup> .....	4,118	4,614	4,332	3,383	3,475	3,650	3,396	3,193	923	347	1,923	4,520	1,234	3,878
Other fresh vegetables.....	2,205	2,828	3,262	2,464	2,771	2,713	2,662	2,586	346	461	1,779	3,007	1,489	5,242
Dried fruits and vegetables.....	1,165	1,533	1,674	1,347	1,387	1,357	1,411	1,285	373	38	824	1,073	347	1,694
Sugar beets.....			6,246	4,752	5,407	5,233	6,470	5,823	168		5,655	245		6,142
Other products of agriculture.....	9,741	9,824	5,125	5,450	6,203	6,395	6,517	7,985	3,166	1,162	3,657	6,745	2,214	5,216
Animals and products, total.....	26,595	26,324	28,129	15,125	16,208	15,233	14,760	15,049	3,880	1,460	9,729	13,650	3,551	13,967
Horses and mules.....	936	544	440	347	309	247	188	152	16	21	115	63	89	174
Cattle and calves.....	9,809	9,330	6,785	4,710	4,703	4,506	3,939	3,787	486	273	3,028	1,238	462	4,645
Sheep and goats.....	1,344	1,224	1,385	1,010	1,027	1,033	968	941	99	42	800	351	83	1,279
Hogs.....	5,421	5,502	4,902	1,643	2,130	1,743	1,997	2,071	557	278	1,236	1,243	362	1,450

<sup>1</sup>Includes refuse, stems, etc., prior to 1930.

<sup>2</sup>"Potatoes" prior to 1930.



COMMODITY	REVENUE FREIGHT ORIGINATED (THOUSANDS OF TONS OF 2,000 POUNDS)											TOTAL REVENUE FREIGHT CARRIED, 1939 (THOUSANDS OF TONS OF 2,000 POUNDS)		
	All districts								1939			Eastern district	Southern district	Western district
	1920	1925	1930	1935	1936	1937	1938	1939	Eastern district	Southern district	Western district			
<b>Animals and products—Continued.</b>														
Fresh meats.....	2,770	2,904	2,928	2,582	2,934	2,758	2,859	2,940	784	361	1,795	3,932	839	2,146
Other packing-house products.....	2,206	2,139	1,970	1,081	1,108	1,062	1,079	1,165	383	191	591	1,058	913	959
Poultry.....	264	357	419	284	310	283	265	280	49	19	212	482	38	304
Eggs.....	536	591	612	322	332	327	326	316	51	18	247	491	69	344
Butter and cheese.....	425	686	807	678	663	639	723	704	138	37	529	1,118	151	697
Wool.....	293	263	354	339	296	275	247	295	143	10	142	493	48	218
Hides and leather.....	1,051	1,026	847	884	877	845	795	849	434	88	327	1,341	210	558
Other animals and products.....	1,540	1,753	1,680	1,245	1,519	1,515	1,374	1,549	720	122	707	1,813	237	1,213
<b>Mineral products, total.....</b>	<b>712,154</b>	<b>678,336</b>	<b>642,537</b>	<b>445,136</b>	<b>541,489</b>	<b>569,745</b>	<b>408,835</b>	<b>496,939</b>	<b>215,496</b>	<b>157,953</b>	<b>123,490</b>	<b>482,785</b>	<b>205,764</b>	<b>170,683</b>
Anthracite.....	78,100	58,260	71,252	60,644	63,647	60,097	53,173	58,396	58,237	127	32	89,984	197	331
Bituminous coal.....	384,349	346,346	322,150	249,413	290,737	292,265	225,344	259,992	102,445	130,428	27,119	271,806	165,716	53,571
Coke.....	26,895	19,798	14,536	10,572	14,719	15,026	8,988	12,559	9,713	1,422	1,424	13,807	2,371	2,340
Iron ore.....	84,433	72,134	59,980	34,888	54,906	76,961	24,846	56,321	2,830	2,163	51,328	38,107	2,970	52,957
Copper ore and concentrates.....	21,550	12,289	4,525	903	1,344	5,591	3,519	3,686	3	2	3,681	90	29	5,369
Other ores and concentrates.....			6,957	4,450	5,317	7,644	5,714	6,409	1,955	981	3,473	4,510	1,966	5,624
Gravel, sand, and stone.....	98,720	145,405	112,196	46,826	61,840	57,645	46,326	47,963	13,998	12,244	21,721	18,678	15,940	27,549
Crude petroleum.....	6,435	11,245	6,598	3,495	3,471	4,140	4,046	5,929	3,023	393	2,513	4,270	1,011	4,652
Asphaltum.....	1,424	2,531	2,925	3,049	4,097	4,273	4,243	4,326	2,542	709	1,575	4,531	1,385	2,876
Salt.....	3,250	3,403	2,952	2,595	3,063	3,067	2,765	2,948	1,429	23	1,496	3,977	1,060	2,802
Phosphate rock, crude.....	6,997	6,925	5,712	5,108	5,342	6,293	5,577	5,540	16	5,371	153	5,897	253	253
Sulphur.....			1,934	1,572	2,251	2,659	1,735	2,302	201	48	2,053	407	234	2,599
Other mineral products.....			30,820	21,621	30,255	34,084	22,559	30,068	19,104	4,042	6,922	32,355	6,988	9,760
<b>Products of forests, total.....</b>	<b>100,766</b>	<b>107,391</b>	<b>69,371</b>	<b>42,483</b>	<b>58,156</b>	<b>58,658</b>	<b>43,973</b>	<b>50,156</b>	<b>3,503</b>	<b>16,946</b>	<b>29,707</b>	<b>20,218</b>	<b>26,900</b>	<b>49,352</b>
Logs, posts, poles, piling, and cord-wood.....	38,571	45,428	28,451	15,844	19,613	20,820	15,062	16,945	353	3,297	13,295	1,356	4,169	16,269
Ties.....	5,472	4,292	3,522	1,546	2,114	2,598	1,489	1,460	178	564	718	452	776	992
Pulpwood.....	4,992	5,826	6,124	5,047	6,145	8,449	7,474	8,659	903	4,404	3,352	1,764	5,300	4,399
Lumber, shingles, lath, cooperage materials, veneer, etc.....	48,618	49,019	27,800	17,875	22,652	23,544	17,529	20,129	1,217	7,368	11,544	14,156	14,669	26,439
Other forest products.....	3,112	2,826	3,074	2,171	2,632	3,247	2,419	2,963	852	1,313	798	2,490	1,986	1,253

Manufactures and miscellaneous, total.....	251, 884	285, 291	277, 768	196, 506	245, 057	265, 302	194, 512	233, 068	132, 949	30, 936	69, 201	245, 878	69, 481	136, 903
Refined petroleum and its products.....	29, 615	46, 273	62, 901	48, 718	53, 001	54, 614	48, 644	49, 302	17, 941	6, 570	24, 791	27, 945	12, 561	45, 516
Vegetable oils.....	938	1, 446	1, 602	1, 524	1, 708	1, 828	1, 703	1, 722	557	485	680	1, 528	1, 112	1, 183
Sugar, sirup, glucose, and molasses.....	5, 664	5, 700	5, 659	4, 895	5, 428	6, 361	6, 183	6, 166	1, 514	723	3, 929	2, 833	2, 228	6, 768
Iron, pig.....	16, 451	14, 577	5, 140	3, 471	4, 902	5, 833	2, 521	4, 368	2, 794	1, 088	486	4, 430	1, 512	9, 954
Scrap iron and steel.....	(5)	(5)	9, 901	9, 517	12, 855	15, 355	6, 941	11, 144	7, 314	1, 108	2, 722	10, 892	1, 723	3, 788
Iron and steel (6th class, n. o. s.).....	(9)	(9)	3, 680	3, 686	5, 817	6, 092	2, 916	4, 850	4, 794	14	102	5, 759	50	209
Rails, fastenings, frogs, and switches <sup>1</sup> .....	3, 047	2, 646	1, 778	891	1, 422	1, 539	700	1, 264	995	87	182	1, 328	283	606
Iron and steel pipes and fittings <sup>7</sup> .....			6, 442	2, 948	4, 656	5, 317	3, 455	4, 639	3, 278	670	691	5, 930	1, 648	2, 557
Iron and steel (5th class, n. o. s.) <sup>7</sup> .....	27, 443	29, 144	20, 117	26, 925	30, 213	15, 342	24, 186	21, 597	961	1, 628	34, 882	3, 684	6, 082	6, 182
Iron and steel nails and wire.....	(5)	(5)	1, 372	1, 307	1, 584	1, 591	1, 112	1, 612	1, 178	104	330	2, 235	417	797
Copper: Ingot, matte, and pig.....			665	347	570	689	421	647	395	3	249	1, 119	141	1, 041
Lead and zinc: Ingot, pig, or bar.....	5, 170	5, 419	1, 124	1, 011	1, 169	1, 293	946	1, 285	566	11	708	1, 090	164	1, 331
Other metals: Pig, bar, sheet, etc.....			379	284	408	511	410	625	197	51	377	617	110	602
Machinery and boilers <sup>8</sup> .....	9, 391	5, 359	3, 072	1, 507	2, 061	2, 419	1, 547	1, 645	1, 217	99	329	2, 616	467	887
Cement.....	15, 400	24, 516	23, 180	11, 454	17, 236	17, 137	15, 705	18, 097	8, 224	2, 847	7, 026	16, 806	5, 778	11, 026
Brick and artificial stone.....	15, 251	19, 668	12, 595	4, 585	7, 254	7, 207	4, 806	6, 373	3, 525	1, 476	1, 372	6, 367	2, 480	2, 607
Lime and plaster.....	4, 410	6, 830	3, 452	2, 254	3, 124	3, 469	2, 912	3, 438	2, 148	466	825	4, 122	1, 321	1, 845
Sewer pipe and drain tile.....	2, 165	2, 426	673	879	928	879	763	824	481	133	210	1, 109	308	436
Agricultural implements and vehicles other than automobiles <sup>9</sup> .....	3, 324	2, 281	1, 657	1, 036	1, 291	1, 657	1, 336	1, 380	545	106	729	1, 192	439	1, 432
Automobiles, autotrucks, parts, tires, etc.....	3, 427	6, 980	6, 624	6, 921	7, 737	8, 411	4, 360	6, 119	4, 996	235	888	9, 347	1, 361	3, 551
Furniture.....	743	970	733	473	612	644	469	593	203	202	188	744	512	524
Beverages.....	1, 240	841	893	2, 048	2, 606	2, 752	2, 391	2, 539	787	279	1, 473	2, 202	879	2, 851
Ice.....	5, 795	4, 928	2, 578	854	955	912	645	635	135	55	445	146	59	454
Fertilizers.....	9, 204	8, 463	12, 302	6, 940	7, 564	8, 891	7, 104	7, 507	2, 594	3, 412	1, 501	4, 887	5, 745	2, 960
Printing paper <sup>10</sup> .....	3, 144	3, 328	3, 399	2, 531	2, 834	3, 090	2, 573	3, 056	2, 177	186	693	8, 063	655	2, 327
Chemicals and explosives <sup>11</sup> .....	8, 348	9, 579	2, 672	2, 186	2, 615	2, 300	2, 037	2, 517	1, 412	558	547	2, 155	1, 121	783
Textiles.....	805	966	710	518	623	663	540	614	132	382	100	531	846	275
Canned food products.....	3, 074	4, 144	4, 751	3, 844	4, 498	4, 607	4, 103	4, 518	1, 978	282	2, 258	5, 401	1, 074	4, 726
Furnace slag.....			11, 000	2, 254	3, 803	3, 967	2, 809	3, 782	2, 914	802	66	3, 191	1, 707	142
Paper board, pulpboard, and wall board (paper).....			2, 241	2, 021	2, 412	2, 653	2, 255	2, 746	1, 090	1, 059	597	3, 373	2, 425	1, 639
Building paper and prepared roofing materials.....	77, 814	78, 807	1, 687	1, 506	1, 965	1, 835	1, 801	1, 668	955	200	513	1, 923	786	951
Other manufactures and miscellaneous.....			54, 885	44, 195	54, 920	60, 024	45, 062	53, 225	34, 376	6, 283	12, 506	70, 545	15, 885	26, 073
<b>Merchandise—all l. c. l. freight.....</b>	<b>53, 202</b>	<b>40, 587</b>	<b>39, 687</b>	<b>14, 039</b>	<b>18, 292</b>	<b>17, 188</b>	<b>14, 392</b>	<b>14, 875</b>	<b>7, 345</b>	<b>3, 065</b>	<b>4, 465</b>	<b>14, 419</b>	<b>6, 798</b>	<b>7, 058</b>

<sup>1</sup> "Gravel, sand, and stone" includes clay prior to 1930 which is reported with "Other mineral products" in 1930 and thereafter.

<sup>2</sup> Not reported separately.

<sup>3</sup> "Rails and fastenings" prior to 1930.

<sup>7</sup> "Bar, sheet, and structural iron and pipe" prior to 1930.

<sup>4</sup> Includes bloom prior to 1930.

<sup>5</sup> Includes castings prior to 1930.

<sup>8</sup> Includes railway car wheels, axles, and trucks prior to 1930.

<sup>10</sup> "Paper, printed matter, and books" prior to 1930.

<sup>11</sup> Data beginning 1930 not comparable with prior years.

Source: Interstate Commerce Commission; annual report, Freight Commodity Statistics of Class I Steam Railways in the United States.

No. 495.—STEAM RAILWAYS (CLASS I)—REVENUE FREIGHT, AVERAGE NUMBER OF WEEKLY CAR LOADINGS, BY PRINCIPAL COMMODITY GROUPS, BY MONTHS: 1935 TO 1939

NOTE.—Averages for earlier years for all commodities are: 1913, 857,540; 1919, 804,472; 1920, 867,663; 1921, 765,215; 1922, 830,016; 1923, 957,925; 1924, 933,354; 1925, 968,080; 1926, 1,021,131; 1927, 962,966; 1928, 992,113; 1929, 1,016,922; 1930, 882,269; 1931, 714,447; 1932, 641,922; 1933, 561,924; 1934, 503,192

WEEKLY AVERAGE FOR—	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
	Total, all commodities					Grain and grain products				
Year.....	605,849	694,406	724,432	585,713	655,822	30,328	34,707	34,403	37,833	37,314
January.....	542,287	608,182	678,612	564,179	675,616	24,269	31,530	30,116	37,443	32,153
February.....	535,491	628,034	690,304	538,884	674,347	26,318	30,102	28,652	31,057	28,956
March.....	602,080	603,787	746,542	555,735	597,603	26,980	33,484	28,399	33,205	31,305
April.....	575,525	642,908	742,681	520,992	566,450	26,900	31,034	29,045	31,934	31,845
May.....	577,595	670,160	774,658	546,466	602,973	25,154	30,693	26,634	32,570	34,144
June.....	610,434	687,289	752,913	551,932	629,743	25,919	36,300	34,523	37,204	40,374
July.....	566,218	738,787	747,976	568,235	637,257	29,975	56,009	49,530	55,847	50,044
August.....	610,600	730,631	775,148	598,018	672,290	42,227	41,332	43,234	47,642	42,486
September.....	657,121	765,595	792,355	648,702	768,872	40,550	31,770	35,188	37,917	43,754
October.....	713,010	819,490	800,079	710,658	843,736	35,589	32,227	37,539	44,774	41,196
November.....	626,119	753,667	653,846	632,034	759,936	30,811	32,791	38,392	34,184	37,030
December.....	680,631	673,056	550,520	589,431	652,481	27,250	31,177	32,595	32,552	34,244
	Livestock					Coal				
Year.....	13,740	14,598	13,877	13,513	13,351	118,187	133,412	134,172	106,553	120,476
January.....	14,485	13,285	14,089	14,581	13,194	137,542	153,875	156,593	124,373	128,830
February.....	12,452	10,273	11,238	11,280	10,532	142,468	132,902	155,703	110,300	132,280
March.....	11,292	11,931	11,376	10,949	10,687	135,370	105,883	167,607	95,231	119,403
April.....	12,868	12,984	12,994	11,639	12,240	94,568	112,866	110,704	80,905	69,615
May.....	12,570	11,573	13,190	12,660	12,294	102,004	109,370	117,171	85,974	74,259
June.....	9,938	11,653	11,038	10,639	9,935	120,023	106,300	112,225	85,368	100,630
July.....	6,875	14,004	10,299	11,109	11,096	79,542	112,550	107,585	95,534	107,288
August.....	12,869	15,405	14,268	12,267	12,005	98,462	120,150	118,035	95,534	119,021
September.....	17,414	18,179	16,978	15,951	17,071	111,259	132,789	138,007	110,900	147,962
October.....	21,166	21,854	21,186	21,145	21,048	134,212	158,111	157,887	133,738	169,122
November.....	16,132	19,244	16,476	17,260	16,793	124,923	156,160	134,092	127,259	150,132
December.....	12,792	14,179	12,773	13,355	12,663	130,538	151,267	128,173	132,360	134,182
	Coke					Ore				
Year.....	6,531	9,232	9,766	5,282	7,956	19,931	31,212	42,454	16,269	31,060
January.....	7,540	9,700	11,860	6,624	7,523	3,335	5,792	10,410	7,080	8,359
February.....	8,315	10,674	12,081	5,630	7,457	3,742	5,727	10,580	7,140	8,580
March.....	5,958	6,882	11,774	4,968	7,214	4,430	5,994	10,955	7,708	8,262
April.....	5,600	7,103	10,486	4,006	5,792	9,674	10,598	38,239	7,908	11,545
May.....	5,762	8,278	10,241	4,108	4,780	27,030	42,317	73,141	13,847	30,361
June.....	5,822	8,283	9,773	4,099	5,683	32,842	40,476	74,328	23,687	41,741
July.....	4,564	8,808	10,175	4,224	6,042	33,538	54,348	76,379	22,453	41,870
August.....	5,191	8,567	9,651	4,560	6,810	34,562	55,182	74,468	24,569	47,020
September.....	6,310	9,045	10,226	5,678	8,912	34,934	56,428	69,699	27,059	55,421
October.....	7,500	10,577	9,136	6,032	11,557	31,398	52,846	47,968	27,981	63,195
November.....	7,364	11,222	6,984	6,621	11,708	13,001	28,342	15,582	16,366	45,061
December.....	8,282	11,027	5,777	6,931	11,880	6,441	8,402	8,021	8,769	10,993
	Forest products					Miscellaneous and l. c. l.				
Year.....	26,613	32,357	35,154	27,267	30,463	390,558	438,889	454,805	378,993	416,202
January.....	18,692	27,869	30,704	25,544	25,831	336,425	306,131	424,841	348,526	359,727
February.....	25,280	20,412	34,772	26,304	24,737	366,925	361,945	436,838	346,483	361,805
March.....	25,169	30,514	37,542	27,122	26,153	302,886	400,130	478,920	370,494	394,680
April.....	25,451	30,681	36,820	24,490	27,941	400,455	437,043	495,294	369,111	407,170
May.....	24,939	32,361	40,123	26,219	30,138	380,135	435,543	494,159	371,078	400,998
June.....	26,693	33,841	39,421	26,311	30,272	389,198	441,308	471,604	366,623	401,102
July.....	26,441	33,958	39,723	25,983	29,007	372,282	451,202	454,291	360,360	391,310
August.....	30,345	36,236	40,283	29,882	31,620	395,944	461,709	475,209	383,564	412,421
September.....	30,917	34,608	37,480	30,399	34,248	415,728	482,077	483,819	411,700	460,813
October.....	31,136	35,660	35,272	31,713	38,004	452,026	508,215	491,092	445,275	499,613
November.....	27,002	34,011	27,847	27,333	35,610	406,827	471,897	414,474	403,512	463,162
December.....	25,920	31,445	28,315	26,295	31,076	369,401	425,599	339,896	309,169	417,443

Source: Association of American Railroads, Car Service Division, Washington, D. C.; Cars of Revenue Freight Loaded. Weekly reports are published currently.

**No. 496.—STEAM-RAILWAY ACCIDENTS—NUMBER OF PERSONS KILLED AND INJURED, BY CAUSES OF ACCIDENTS: 1931 TO 1939**

NOTE.—Figures in this table exclude casualties due to suicides and beginning with 1933 casualties due to mental derangement and attempting to escape custody and differ, therefore, from those in table 497 in which such data are included

CAUSE OF ACCIDENT	KILLED					INJURED				
	1931-1935, average	1936	1937	1938	1939	1931-1935, average	1936	1937	1938	1939
All accidents.....	4,970	5,398	5,350	4,489	4,362	29,816	34,706	36,692	27,253	28,119
Train accidents <sup>1</sup> .....	225	277	310	293	214	1,125	1,547	1,367	1,073	1,422
Passengers on trains.....	8	7	3	52	13	405	742	536	475	776
Travelers not on trains.....										
Employees.....	80	120	130	92	94	373	553	514	371	431
Other persons.....	137	150	177	149	107	287	252	317	227	215
Causes:										
Collisions.....	32	63	57	40	22	417	702	553	420	538
Passengers on trains.....	3	1	1	9	3	222	404	237	225	324
Travelers not on trains.....										
Employees.....	25	58	50	28	17	144	240	229	156	166
Other persons.....	4	4	6	3	2	61	58	87	39	48
Derailments.....	113	133	119	138	104	577	682	674	511	735
Passengers on trains.....	5	6	2	43	9	230	325	289	227	417
Travelers not on trains.....										
Employees.....	42	43	51	43	63	180	243	239	175	205
Other persons.....	66	84	66	52	32	167	114	146	109	113
Other causes.....	80	81	134	115	88	131	163	140	142	149
Passengers on trains.....						13	13	10	23	35
Travelers not on trains.....										
Employees.....	12	19	29	21	14	48	70	46	40	60
Other persons.....	67	62	105	94	73	69	80	84	79	54
Train-service accidents <sup>2</sup> .....	4,522	4,897	4,808	3,996	3,942	16,219	18,045	18,732	14,429	14,588
Passengers on trains.....	26	10	15	17	14	1,525	1,709	1,972	1,797	1,727
Travelers not on trains.....										
Employees.....	376	473	427	294	306	7,005	8,468	8,730	6,110	6,557
Other persons.....	4,120	4,369	4,357	3,679	3,611	7,690	7,779	7,051	6,456	6,237
Causes:										
Coupling or uncoupling locomotives or cars.....	15	24	22	6	11	293	329	376	244	285
Coupling or uncoupling air hose.....	10	8	7	6	7	134	167	174	113	121
Operating locomotives.....	7	9	8	2	5	1,007	1,135	1,130	780	790
Operating hand brakes.....	14	16	13	11	4	596	694	747	555	601
Operating switches.....	1					202	310	287	202	167
Contact with fixed structures.....	59	42	31	36	36	258	193	252	171	175
Getting on or off cars or locomotives.....	440	313	319	271	256	3,689	3,543	3,722	3,182	3,129
Highway grade-crossing accidents <sup>3</sup> .....	1,521	1,670	1,748	1,385	1,294	4,135	4,780	4,996	3,848	3,862
Struck or run over, not at public crossings.....	1,726	1,920	1,788	1,518	1,536	969	1,086	1,089	798	811
Miscellaneous.....	718	883	872	761	793	4,937	5,818	6,009	4,536	4,647
Nontrain accidents <sup>4</sup> .....	223	224	232	210	206	12,471	16,114	16,543	11,751	12,109
Passengers on trains.....	3	3	4	3	2	540	698	706	670	750
Travelers not on trains.....										
Employees.....	132	126	155	125	132	10,844	13,388	14,820	10,088	10,394
Other persons.....	88	95	73	82	72	1,087	1,028	1,017	963	965

<sup>1</sup> Covers collisions, derailments, and other accidents that caused reportable damage to railway property.

<sup>2</sup> Covers accidents associated with train operation resulting in but minor damage, if any, to railway property.

<sup>3</sup> Excludes persons killed and injured at highway grade crossings in connection with derailments and miscellaneous train accidents.

<sup>4</sup> Covers accidents occurring in shops, yards, along the track, or at stations but not connected with the movement of cars or locomotives.

Source: Interstate Commerce Commission, annual Accident Bulletin.

### No. 497.—STEAM-RAILWAY ACCIDENTS—NUMBER OF PERSONS KILLED AND INJURED, BY STATUS: 1891 TO 1939

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, including those due to suicide, mental derangement, and attempting to escape custody

YEARLY AVERAGE OR YEAR ENDED—	TOTAL		PASSENGERS <sup>1</sup>		EMPLOYEES <sup>2</sup>		OTHER PERSONS		TRESPASSERS <sup>3</sup>	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
June 30:										
1891-1895	6,821	35,313	292	2,907	2,815	27,051	595	1,283	3,618	4,011
1896-1900	6,946	42,248	222	3,237	2,054	32,793	634	1,547	4,036	4,672
1901-1905	9,326	72,943	392	7,894	8,249	57,209	801	2,793	4,795	5,047
1906-1910	10,210	105,617	385	11,625	3,572	88,502	994	4,890	5,258	5,660
1911-1915	10,174	174,941	273	13,382	3,273	148,640	1,262	6,836	5,366	6,033
Dec. 31:										
1916-1920	8,662	176,693	304	7,419	2,855	157,823	2,074	8,460	3,429	3,291
1920	6,958	168,309	229	7,591	2,578	140,414	1,985	8,030	2,106	2,368
1921	5,996	120,685	205	5,584	1,446	104,530	1,864	7,500	2,481	3,071
1922	6,325	134,871	200	6,153	1,657	117,197	2,038	8,077	2,430	2,844
1923	7,355	171,712	138	6,847	2,026	152,078	2,442	10,140	2,770	3,047
1924	6,617	143,739	149	5,354	1,543	125,319	2,369	10,213	2,556	2,893
1925	6,766	137,436	171	4,952	1,599	119,224	2,412	10,571	2,584	2,688
1926	7,090	130,235	152	4,461	1,672	111,905	2,705	11,326	2,561	2,545
1927	6,992	104,817	88	3,893	1,570	88,228	2,603	9,976	2,726	2,725
1928	6,680	86,205	91	3,468	1,329	70,873	2,778	9,497	2,487	2,367
1929	6,690	77,013	114	3,846	1,428	69,739	2,724	10,082	2,424	2,340
1930	5,665	49,443	61	2,666	977	35,872	2,218	8,230	2,409	2,675
1931	5,271	35,671	46	2,104	677	23,358	2,059	7,232	2,439	2,977
1932	4,905	29,232	27	1,912	579	17,742	1,722	6,214	2,577	3,364
1933	5,180	27,516	51	2,067	533	15,932	1,704	5,915	2,802	3,602
1934	5,020	28,641	38	1,945	556	17,338	1,729	6,373	2,697	2,785
1935	5,258	28,108	30	1,949	600	10,742	1,842	6,711	2,786	2,700
1936	5,550	34,723	41	2,543	720	22,409	1,988	7,348	2,801	2,418
1937	5,502	36,713	34	2,594	712	24,114	2,102	7,703	2,654	2,302
1938	4,049	27,275	81	2,345	513	16,509	1,695	6,253	2,360	2,108
1939	4,492	28,144	40	2,580	536	17,338	1,664	6,225	2,352	1,056

<sup>1</sup> Data cover passengers on trains and travelers not on trains.

<sup>2</sup> Casualties sustained in nontrain accidents included with "other persons."

<sup>3</sup> Prior to 1921 casualties sustained by employees not on duty in nontrain accidents included with "other persons."

Source: Interstate Commerce Commission, annual Accident Bulletin.

### No. 498.—STEAM RAILWAYS (CLASS I)—FUEL CONSUMPTION AND RAIL AND TIE REPLACEMENTS: 1936, 1937, AND 1938

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			1938		
	1936	1937	1938	Eastern district	Southern district	Western district
Consumption of fuel by locomotives:						
Anthracite.....1,000 short tons.....	485	473	433	433		
Bituminous coal.....do.....	81,130	82,667	68,794	31,005	16,185	21,604
Fuel oil.....1,000 gallons.....	2,353,484	2,581,441	2,240,299	7,340	82,112	2,200,847
Other fuel equivalent 1,000 short tons.....	35	31	36	4	2	30
Total, coal equivalent <sup>1</sup> 1,000 short tons.....	96,758	99,733	83,864	31,487	16,378	36,799
Rails laid in replacement and betterment:						
Total tonnage.....1,000 long tons.....	1,701	1,075	1,203	335	250	618
Total charges <sup>2</sup> .....1,000 dollars.....	53,501	62,558	40,667	9,998	8,794	21,875
Ties laid in previously constructed tracks:						
Cross-ties.....thousands.....	47,861	47,730	41,363	8,758	9,298	23,307
Switch and bridge ties.....1,000 board feet.....	167,378	159,430	141,888	33,479	38,149	70,260
Total charges <sup>3</sup> .....1,000 dollars.....	56,783	60,160	54,293	14,659	11,871	27,793

<sup>1</sup> The ratio of fuel oil to coal is based upon the experience of the various roads.

<sup>2</sup> Totals include equivalent of a small amount of miscellaneous fuel.

<sup>3</sup> The total charges shown do not include the labor cost of applying the rails or ties.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

## No. 499.—EXPRESS COMPANIES—INCOME ACCOUNT: 1921 TO 1939

NOTE.—In thousands of dollars. Mileage operated by Railway Express Agency, Inc., 1939: Total, 282,369; steam road, 204,793; electric line, 2,555; steamboat line, 20,648; airplane, 40,767; stage line, 13,606

CALENDAR YEAR	Receipts for transportation	Paid for express privileges	Total operating revenues <sup>1</sup>	Operating expenses	Net operating revenues	Express taxes	Operating income <sup>1</sup>	Other income	Net income <sup>2</sup>
<b>American Railway Express Co.:</b>									
1921	294,604	113,491	184,897	182,265	2,631	2,095	508	2,074	2,309
1925	290,393	143,832	149,715	146,433	3,282	2,059	1,195	1,088	2,184
1929 <sup>4</sup>	41,104	18,584	23,083	22,500	583	327	193	1,193	381
<b>Railway Express Agency, Inc.:</b>									
1929 <sup>4</sup>	242,216	127,591	117,628	115,535	2,093	1,343	734	687	20
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	7.5
1933	118,673	44,465	76,503	73,416	3,087	1,624	1,535	186	7.6
1934	130,953	50,530	82,907	79,766	3,151	1,518	1,612	156	4
1935	138,751	53,170	88,688	84,899	3,169	1,648	1,603	148	4
1936	165,446	59,326	98,634	92,668	5,060	4,534	1,418	191	7.5
1937	160,788	58,009	105,396	100,441	4,955	3,395	1,528	167	22
1938	165,560	50,478	107,640	98,827	8,813	6,401	2,394	173	781
1939	167,179	57,803	111,976	104,159	7,818	6,967	831	192	2
<b>Southeastern Express Co.:</b>									
1921 <sup>5</sup>	4,374	1,649	2,781	2,719	61	25	37	10	47
1925	8,041	3,912	4,241	4,080	155	86	67	20	87
1929	8,007	3,900	4,244	4,098	146	110	35	38	73
1931	5,603	2,117	3,685	3,443	142	89	51	17	68
1932	4,174	1,420	2,848	2,726	122	78	43	21	64
1933	4,326	1,537	2,905	2,769	136	94	38	15	53
1934	5,060	2,049	3,135	3,003	132	96	35	11	46
1935	5,520	2,234	3,406	3,260	156	96	57	3	60
1936	6,270	2,484	3,903	3,705	198	140	57	7	57
1937	6,102	1,997	4,221	3,930	291	242	48	1	49
1938 <sup>6</sup>	3,122	746	2,436	2,270	166	158	6	1	7

<sup>1</sup> Includes revenues from sources other than transportation.<sup>2</sup> Deducting, besides taxes, a small amount of uncollectible revenue.<sup>3</sup> Sum of 2 preceding columns less deductions.<sup>4</sup> Result of operations for 2 months ended Feb. 28, 1929.<sup>5</sup> Operations taken over by Railway Express Agency, Inc.<sup>6</sup> Result of operations for 10 months ended Dec. 31, 1929.<sup>7</sup> Deficit.<sup>8</sup> Result of operations for 8 months ended Dec. 31, 1921.<sup>9</sup> Result of operations for 7 months ended July 31, 1938.

## No. 500.—PULLMAN COMPANY—SUMMARY OF OPERATIONS: 1910 TO 1939

[All money figures in thousands of dollars]

YEAR ENDED—	Gross revenues, car operations	Association revenues, debtor	Contract revenues, debtor <sup>1</sup>	EXPENSES, CAR OPERATIONS		Not revenues, car operation	Operating income	REVENUE PASSENGERS CARRIED	
				Total	Conducting car operations			Thousands	Number per car-day
June 30:									
1910	35,334	66	898	23,962	( <sup>2</sup> )	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:									
1920	72,124		13,155	61,031	30,805	11,093	9,304	39,255	16
1924	72,758		9,075	61,009	30,023	11,149	7,755	34,038	12
1925	80,198		8,873	63,513	32,247	16,685	12,546	35,526	12
1926	81,834		9,463	68,204	35,009	13,630	9,565	36,073	11
1927	80,952		3,906	66,503	34,848	14,449	10,360	35,197	11
1928	80,846		3,604	66,056	34,935	14,190	10,938	35,924	11
1929	82,334		8,704	69,490	36,191	12,894	9,185	33,434	10
1930	76,234		6,634	68,960	35,379	7,274	4,937	29,360	9
1931	62,558		2,573	57,243	27,336	5,315	3,009	22,935	9
1932	43,366		1,550	42,465	19,276	901	\$ 1,220	15,750	8
1933	38,436		1,325	37,888	16,358	548	\$ 564	13,717	8
1934	44,070		2,361	41,976	17,527	2,094	400	15,105	8
1935	48,428		2,685	49,077	19,720	\$ 649	\$ 1,347	15,479	8
1936	56,347		4,580	50,102	20,268	6,245	3,454	17,193	9
1937	62,112		3,834	54,506	22,081	7,547	4,219	17,745	9
1938	56,963		2,762	51,549	21,812	5,414	1,503	15,540	8
1939	58,524		3,946	52,895	21,943	5,629	2,170	15,655	8

<sup>1</sup> Amounts due other carriers under the provisions of definite contracts. <sup>2</sup> Not separated. <sup>3</sup> Deficit.

Source of tables 499 and 500: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

NO. 501.—THE ALASKA RAILROAD—SUMMARY OF PASSENGER AND FREIGHT SERVICES: YEARS ENDED JUNE 30, 1938 AND 1939

	1938	1939		1938	1939
Road mileage operated—monthly average.....	500.8	500.8	FREIGHT TRAFFIC		
PASSENGER TRAFFIC			Freight-train miles.....	95,681	100,090
Passenger-train miles <sup>1</sup> .....	99,299	101,151	Mixed-train miles.....	8,829	7,670
Mixed-train miles.....	8,829	7,670	Loaded cars, 1 mile, freight and mixed trains.....	1,622,003	1,690,962
Passenger-car miles, passenger trains <sup>1</sup> .....	<sup>2</sup> 409,902	<sup>2</sup> 422,199	Empty cars, 1 mile, freight and mixed trains.....	1,152,129	1,164,248
Passenger-car miles, mixed trains.....	<sup>3</sup> 18,136	<sup>4</sup> 15,475	All cars, 1 mile.....	2,774,132	2,855,210
Total revenue passengers carried.....	26,026	27,436	Tons of revenue freight carried:.....		
Revenue passengers carried 1 mile.....	4,247,677	5,067,112	Coal.....	106,636	104,066
Total passenger revenue.....	\$232,342	\$259,452	Miscellaneous.....	49,197	53,838
Average revenue per passenger per mile.....	\$0.05469	\$0.05120	Tons of revenue freight carried 1 mile.....	26,285,530	27,826,082
			Total freight revenue.....	\$1,668,946	\$1,684,393
			Average revenue per ton per mile.....	\$0.05908	\$0.05874

- <sup>1</sup> Including motor miles.  
<sup>2</sup> Includes actual miles by passenger-train cars in passenger and special trains and miles run by such cars incidentally in freight trains.  
<sup>3</sup> Includes 9,247 baggage-car miles.  
<sup>4</sup> Includes 7,715 baggage-car miles.

Source: Department of the Interior, Division of Territories and Island Possessions.

NO. 502.—ELECTRIC RAILWAYS—SUMMARY: 1890 TO 1937

NOTE.—The census of street railways, which was first taken in 1890, and which has been taken at quinquennial intervals beginning with the inquiry for 1902, covers (1) all street railways, without regard to kind of motive power, and (2) all interurban railways using other than steam as motive power. The nonelectric railroads included are those operated principally by cable and gasoline engines. Operations of electrified divisions of steam-railway companies are not included. Figures in this table and tables 503-505, 507-509 do not include data for motorbus and trolley-bus operations of electric street railways. (For motorbus and trolley-bus statistics from census reports, see tables 510-512)

	1890	1902	1912	1922	1927	1932	<sup>1</sup> 1937
Number of companies.....	789	987	1,260	<sup>2</sup> 1,200	<sup>3</sup> 963	<sup>3</sup> 706	<sup>3</sup> 478
Miles of line operated <sup>4</sup> .....	5,783	16,645	30,438	31,204	27,948	20,110	14,214
Miles of all track operated <sup>5</sup> .....	8,123	22,577	41,065	43,932	40,722	31,548	23,770
Value of road and equipment (thousand dollars).....	389,357	2,167,634	4,598,563	5,053,762	( <sup>6</sup> )	4,143,331	4,399,768
Number of employees <sup>7</sup> .....	70,764	140,769	282,461	300,119	264,675	<sup>8</sup> 182,165	152,476
Number of passenger cars.....	32,566	60,290	76,162	77,301	70,309	59,692	44,864
Revenue passengers, including pay-transfer (thousands).....	2,023,010	4,774,212	9,545,555	13,666,858	12,174,592	7,955,981	7,485,290
Operating revenues (thousand dollars) <sup>9</sup> .....	90,617	247,554	567,512	1,016,719	927,774	566,290	513,120
Operating expenses (thousand dollars) <sup>9</sup> .....	62,011	142,313	332,896	727,795	694,460	442,607	406,119
Operating ratio (per cent).....	68.4	57.5	58.7	71.6	74.9	78.2	79.1

<sup>1</sup> Excludes data for 22 companies, operating on a part-year basis. These companies reported 36,810,221 passengers; 9,108,009 car-miles; 1,042,866 car-hours; \$2,388,295, operating revenue; and \$2,412,010, operating expense.

<sup>2</sup> Includes certain companies in Pennsylvania which maintained separate organizations, though controlled through stock ownership by other companies. For 1912 these companies were treated as merged and not included in the number reported.

<sup>3</sup> Includes small mileage of track lying outside United States.

<sup>4</sup> Data incomplete. Some of the companies engaged in both light-and-power and electric-railway operations were unable to report separately the values of plant and equipment assignable to their railway activities.

<sup>5</sup> Number reported as of June 30, for 1890, 1922, 1927, and 1932; for 1902, average for the year; for 1912, as of Sept. 16. Figures for 1937 represent an average of numbers reported on June 30 and Dec. 31.

<sup>6</sup> Includes 334 trolley-bus operators.

<sup>7</sup> Includes 29,721,000 trolley-bus passengers.

<sup>8</sup> Includes auxiliary operating revenues of \$8,905,000 for 1927 and \$91,242,000 for 1922; auxiliary expenses, \$7,822,000 for 1927, and \$49,232,000 for 1922. Data for operating revenues and operating expenses of auxiliary operations excluded so far as possible for earlier years.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

## No. 503.—ELECTRIC RAILWAYS—TRACK MILEAGE, EQUIPMENT, TRAFFIC, AND PERSONNEL: 1917 TO 1937

NOTE.—See headnote, table 502

	ALL COMPANIES					SURFACE LINES	
	1917	1922	1927	1932	1937	1932	1937
Number of operating companies.....	043	858	682	485	204	478	290
Miles of single track <sup>1</sup> .....	44, 835	43, 932	40, 722	31, 548	23, 770	30, 519	32, 984
First track (length of line).....	32, 548	31, 264	27, 948	20, 110	14, 214	19, 783	13, 959
Second and other tracks.....	12, 288	12, 668	12, 774	11, 438	9, 556	10, 736	9, 025
Electric track with:							
Overhead trolley.....	42, 491	41, 418	38, 246	29, 448	(?)	29, 379	(?)
Third rail and conduit trolley.....	2, 051	2, 314	2, 270	1, 886	(?)	927	(?)
Other (electric).....	137	78	95	102	(?)	102	(?)
Number of cars.....	102, 603	99, 255	93, 246	79, 984	58, 371	67, 839	49, 522
Passenger.....	70, 914	77, 301	70, 309	59, 692	44, 864	50, 593	38, 231
Express, freight, and mail.....	11, 534	11, 406	13, 337	12, 509	8, 127	9, 296	6, 142
Service cars.....	11, 155	10, 548	9, 600	7, 783	5, 380	7, 480	5, 140
Number of electric locomotives.....	357	404	462	609	633	464	410
Electric energy (1,000 kilowatt-hours) <sup>2</sup> .....	12, 187, 851	12, 405, 053	9, 389, 597	7, 543, 517	6, 864, 077	5, 935, 176	5, 567, 919
Generated <sup>3</sup> .....	7, 240, 503	6, 473, 451	2, 975, 803	2, 438, 176	1, 440, 874	1, 265, 000	( <sup>4</sup> )
Purchased.....	4, 947, 348	5, 931, 602	6, 413, 734	4, 910, 341	5, 423, 204	4, 670, 175	( <sup>4</sup> )
Passengers carried (thousands).....	14, 506, 915	15, 331, 400	14, 901, 435	9, 854, 185	9, 416, 783	7, 814, 741	7, 831, 805
Revenue passengers, including pay transfer.....	11, 304, 061	12, 006, 558	12, 174, 592	7, 926, 260	7, 485, 290	5, 892, 041	5, 902, 348
Free-transfer passengers.....	3, 021, 138	2, 496, 570	2, 571, 249	1, 823, 870	1, 805, 864	1, 823, 046	1, 805, 615
Free passengers.....	181, 116	168, 272	155, 594	104, 055	125, 629	98, 453	123, 842
Revenue car mileage (thousands).....	2, 139, 802	2, 124, 523	2, 163, 773	1, 681, 491	1, 489, 691	1, 284, 611	1, 168, 176
Passenger.....	2, 087, 819	2, 068, 294	2, 084, 566	1, 642, 023	1, 442, 406	1, 245, 143	1, 120, 891
Express, freight, and mail.....	51, 983	56, 229	79, 207	39, 468	47, 285	39, 468	47, 285
Average number of revenue passengers:							
Per mile of all track <sup>5</sup> .....	252, 323	288, 600	299, 733	251, 244	314, 005	193, 081	256, 802
Per passenger-car hour.....	56.79	64.25	61.97	54.43	57.65	48.79	53.70
Revenue car-hours (thousands).....	203, 057	201, 838	202, 513	147, 836	133, 812	122, 693	113, 896
Passenger.....	199, 053	197, 146	196, 464	145, 630	129, 838	120, 787	109, 921
Express, freight, and mail.....	4, 004	4, 692	6, 049	2, 206	3, 974	2, 206	3, 974
Salaries employees:							
Number.....	27, 151	30, 239	27, 845	20, 260	18, 068	18, 448	15, 717
Salaries (thousand dollars).....	33, 010	57, 489	56, 647	40, 147	38, 630	35, 621	32, 878
Wage earners:							
Number.....	287, 675	269, 880	236, 730	<sup>6</sup> 161, 905	134, 408	<sup>6</sup> 131, 923	114, 423
Wages (thousand dollars).....	238, 331	387, 643	380, 978	<sup>6</sup> 241, 688	217, 744	<sup>6</sup> 191, 224	184, 456
Conductors and motormen:							
Number.....	136, 184	130, 224	113, 180	<sup>6</sup> 78, 928	72, 140	<sup>6</sup> 74, 173	( <sup>4</sup> )
Wages (thousand dollars).....	127, 222	204, 600	196, 636	<sup>6</sup> 121, 752	122, 869	<sup>6</sup> 112, 475	( <sup>4</sup> )
Other wage earners:							
Number.....	131, 491	139, 656	123, 550	82, 977	62, 268	57, 750	( <sup>4</sup> )
Wages (thousand dollars).....	106, 109	182, 953	184, 341	119, 934	94, 875	78, 749	( <sup>4</sup> )
Accidents (fatalities and injuries), total.....	144, 427	111, 132	136, 219	118, 456	141, 944	96, 278	122, 594
Killed or died from injuries.....	2, 573	1, 679	1, 606	944	943	850	817
Injured, but not killed.....	141, 854	109, 453	137, 613	117, 512	141, 001	95, 428	121, 777

<sup>1</sup> Includes mileage of track lying outside United States, as follows: 1917, 1922, and 1927, 27 miles; 1932, 24 miles.

<sup>2</sup> No comparable data. Figures for first track of all companies are: Overhead trolley, 13,150; third rail and conduit trolley, 797; other electric, 103; other than electric, 164.

<sup>3</sup> Figures for 1917 and 1922 include data for light and power departments of electric-railway companies and therefore are not comparable with those for later years, which exclude such data.

<sup>4</sup> Not available.

<sup>5</sup> Based on miles of all track operated for 1937 and 1932; for prior years based on total track mileage operated by roads which carried revenue passengers.

<sup>6</sup> Includes 334 trolley-bus operators with wages of \$551,000.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.



No. 504.—ELECTRIC RAILWAYS—TRACK MILEAGE, PASSENGER TRAFFIC, PASSENGER REVENUE, AND REVENUE CAR-MILEAGE, BY STATES: 1932 AND 1937

NOTE.—See headnote, table 502. Figures represent total activities of companies domiciled in the respective States, some of which companies operate in other States

DIVISION AND STATE	MILES OF TRACK OPERATED		REVENUE PASSENGERS <sup>1</sup> (THOUSANDS)		PASSENGER REVENUE (THOUSANDS OF DOLLARS)		REVENUE CAR-MILES (THOUSANDS)			
	1932	1937	1932	1937	1932	1937	1932		1937	
							Total	Total	Passenger cars	Express, mail, and freight cars
United States.....	31,548	33,770	7,926,260	7,485,200	518,060	471,065	1,681,491	1,489,691	1,442,408	47,285
New England.....	2,448	1,302	528,674	382,547	48,262	31,875	106,242	84,788	84,422	368
Maine.....	276	192	14,403	11,389	1,437	909	6,814	4,497	4,283	218
New Hampshire.....	87	53	4,839	3,289	410	265	1,838	1,080	1,071	9
Vermont and Rhode Island <sup>2</sup> .....	203	317	{ 64,884	{ 72,357	{ 9,723	{ 4,897	{ 8,462	{ 13,824	{ 13,754	{ 70
Connecticut.....	572	640	{ 376,954	{ 205,512	{ 31,092	{ 25,744	{ 68,820	{ 45,387	{ 45,318	{ 74
Massachusetts.....	1,305	649	{ 307,504	{ 3,839,473	{ 3,490,462	{ 219,883	{ 196,460	{ 684,045	{ 639,212	{ 636,757
Middle Atlantic.....	6,924	5,532	3,899,404	2,679,484	152,930	138,255	492,400	495,100	494,506	594
New York.....	3,295	2,535	2,899,404	2,679,484	152,930	138,255	492,400	495,100	494,506	594
New Jersey.....	701	270	175,170	97,611	9,184	5,112	23,469	13,244	13,239	5
Pennsylvania.....	2,928	2,270	764,809	725,857	57,243	53,093	145,178	129,867	129,018	856
E. N. Central.....	8,198	5,855	1,708,211	1,823,352	117,258	117,730	385,950	345,842	331,218	14,698
Ohio.....	2,651	1,707	420,642	453,238	25,743	25,109	83,663	69,963	66,075	3,888
Indiana.....	1,648	1,218	67,651	80,307	7,509	7,044	41,971	38,079	26,401	7,278
Illinois.....	2,430	1,980	806,557	881,819	63,817	66,311	194,207	188,109	185,692	2,607
Michigan.....	832	990	269,324	401,994	12,590	20,200	37,936	54,001	53,647	954
Wisconsin.....	646	980	114,007	401,994	7,404	12,000	27,768	47,979	42,487	5,432
W. N. Central.....	3,228	2,614	401,916	360,451	34,188	26,109	122,072	97,999	92,467	5,432
Minnesota.....	630	588	121,041	115,744	9,887	8,953	29,403	25,236	25,203	32
Iowa.....	872	825	82,169	80,095	2,652	2,349	15,881	15,058	10,174	4,884
Missouri.....	1,028	791	205,052	187,114	18,660	15,802	61,094	49,121	46,091	30
North Dakota.....	20	169	{ 1,321	{ 26,862	{ 2,040	{ 2,289	{ 737	{ 6,902	{ 6,946	{ 16
Nebraska.....	176	103	{ 30,110	.....	.....	.....	{ 7,911	.....	.....	.....
Kansas.....	502	241	9,208	635	843	125	7,046	1,523	1,053	460
South Atlantic.....	2,794	2,015	416,798	419,083	32,931	30,756	119,835	95,847	91,168	4,650
Delaware and Dist. of Columbia.....	208	.....	{ 99,494	.....	.....	.....	{ 19,765	.....	.....	.....
Maryland.....	636	713	{ 121,024	{ 242,693	{ 19,510	{ 19,145	{ 34,154	{ 47,155	{ 47,092	{ 63
Virginia.....	489	334	{ 62,607	{ 58,945	{ 3,871	{ 3,304	{ 17,782	{ 13,114	{ 13,086	{ 228
West Virginia.....	126	302	{ 32,545	{ 37,511	{ 2,527	{ 2,659	{ 11,934	{ 9,311	{ 9,207	{ 44
North Carolina.....	285	.....	{ 13,946	.....	.....	.....	{ 5,641	.....	.....	.....
South Carolina.....	310	549	{ 5,954	{ 59,490	{ 305	{ 4,448	{ 6,293	{ 20,406	{ 16,092	{ 4,314
Georgia.....	354	.....	{ 52,276	.....	.....	.....	{ 15,888	.....	.....	.....
Florida.....	196	117	{ 28,051	{ 20,444	{ 1,658	{ 1,110	{ 8,487	{ 5,662	{ 5,662	.....
E. S. Central.....	1,182	724	173,387	149,207	11,880	9,948	47,455	33,607	33,674	88
Kentucky.....	447	.....	{ 68,547	.....	.....	.....	{ 17,498	.....	.....	.....
Mississippi.....	27	431	{ 1,615	.....	.....	.....	{ 1,172	{ 19,071	{ 19,656	{ 15
Alabama.....	304	.....	{ 40,101	{ 93,066	{ 2,450	{ 6,068	{ 12,530	.....	.....	.....
Tennessee.....	400	203	{ 62,104	{ 56,142	{ 4,450	{ 3,880	{ 16,248	{ 13,635	{ 13,618	{ 18
W. S. Central.....	1,500	1,020	180,443	144,285	18,301	9,986	59,200	52,783	49,810	2,023
Arkansas.....	112	.....	{ 13,725	.....	.....	.....	{ 5,138	.....	.....	.....
Louisiana.....	201	194	{ 67,985	{ 72,442	{ 4,810	{ 4,836	{ 13,609	{ 12,430	{ 12,430	.....
Oklahoma.....	310	325	{ 10,994	{ 9,472	{ 1,040	{ 814	{ 7,548	{ 5,337	{ 3,909	{ 1,428
Texas.....	878	510	{ 87,765	{ 62,351	{ 6,648	{ 4,336	{ 33,005	{ 34,965	{ 33,470	{ 1,495
Mountain.....	1,004	852	55,464	48,216	4,613	3,913	21,404	20,876	12,730	7,946
Montana, Colorado, and Arizona.....	.....	456	.....	42,622	.....	3,351	.....	15,817	10,800	5,017
Montana.....	190	.....	{ 3,757	.....	.....	.....	{ 2,344	.....	.....	.....
Colorado.....	308	.....	{ 24,063	.....	.....	.....	{ 10,639	.....	.....	.....
Arizona.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah.....	606	.....	{ 17,644	.....	{ 1,542	.....	{ 8,421	{ 4,859	{ 1,930	{ 2,029
Pacific.....	4,334	3,847	622,915	558,711	41,283	41,288	155,544	140,087	130,233	9,853
Washington.....	781	873	{ 71,420	{ 82,190	{ 5,385	{ 7,303	{ 23,558	{ 29,608	{ 27,924	{ 1,663
Oregon.....	545	.....	{ 45,334	.....	{ 3,189	.....	{ 15,165	.....	.....	.....
California.....	3,008	2,974	506,152	576,521	32,689	33,985	116,821	110,479	102,309	8,170

<sup>1</sup> Including pay transfers.

<sup>2</sup> Except for track mileage, data were combined to avoid disclosing individual operations.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

**No. 505.—ELECTRIC RAILWAYS—INCOME ACCOUNT OF OPERATING COMPANIES: 1922 TO 1937**

NOTE.—See headnote, table 502.

[All figures except percentages in thousands of dollars]

	ALL COMPANIES				SURFACE LINES	
	1922	1927	1932	1937	1932	1937
Gross operating revenue.....	1,009,747	921,280	998,308	864,018	877,189	778,108
Railway operations.....	926,477	918,809	1,566,290	513,129	447,169	427,221
Transportation, total.....	895,019	882,531	539,661	497,079	( <sup>1</sup> )	416,707
Passenger.....	854,663	834,601	518,080	471,055	408,431	391,918
All other.....	40,357	47,930	21,601	26,015	( <sup>2</sup> )	24,849
Miscellaneous.....	30,458	36,338	26,629	16,949	( <sup>2</sup> )	10,454
Auxiliary operations <sup>3</sup> .....	84,269	2,361	430,019	350,887	480,019	350,887
Operating expenses, total.....	720,823	687,933	680,551	643,860	801,857	585,824
Railway operating expenses.....	678,563	636,638	1,442,607	406,119	303,883	348,583
Way and structures.....	102,063	96,285	61,000	61,610	48,674	51,510
Equipment.....	87,237	92,866	55,921	52,267	43,993	43,613
Power.....	107,246	98,602	79,647	61,119	56,420	49,404
Conducting transportation.....	280,690	294,322	186,616	173,616	154,633	150,695
All other.....	96,388	104,664	63,824	58,707	60,163	53,401
Auxiliary operations <sup>3</sup> .....	42,200	1,295	237,974	237,242	237,974	237,242
Ratio of expenses to revenue (percent).....	71.4	74.7	68.3	74.5	68.0	75.3
Net operating revenue.....	288,924	233,297	316,728	220,956	275,331	192,284
Taxes.....	64,788	37,809	40,670	40,400	33,416	32,965
Operating income.....	224,136	175,488	275,058	180,256	241,915	159,319

<sup>1</sup> Figures for 1932 not strictly comparable with those for 1937 because of the inclusion for 1932, and the exclusion for 1937 of a small amount of data for trolley-bus operations.

<sup>2</sup> Not available.

<sup>3</sup> Represents principally the operations of such utilities as light, power, gas, heat, and water, except for 1927, when only the incidental sales of such service are included. Does not include motorbus or trolley-bus operations of street railways.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

**No. 506.—ELECTRIC RAILWAYS—RECEIVERSHIPS AND TRUSTEESHIPS: 1910 TO 1939**

YEAR	RECEIVERSHIPS OR TRUSTEESHIPS INSTITUTED			TERMINATED UNDER FORECLOSURE					
	Number of companies	Miles of track	Outstanding securities		Number of companies	Miles of track	Outstanding securities		Receivers' certificates
			Stock	Bonds			Stock	Bonds	
			<i>Dollars</i>	<i>Dollars</i>			<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1910.....	11	097	12,629,400	75,490,735	22	724	19,106,613	26,374,076	( <sup>1</sup> )
1914.....	10	362	35,562,560	19,050,460	11	181	26,230,700	44,094,241	( <sup>1</sup> )
1915.....	27	1,163	40,557,950	39,036,100	19	308	30,608,817	16,759,907	( <sup>1</sup> )
1916.....	15	350	14,119,168	11,434,708	19	430	13,895,450	22,702,300	( <sup>1</sup> )
1917.....	21	1,238	35,597,305	33,844,800	26	745	27,281,900	27,313,045	( <sup>1</sup> )
1918.....	20	2,106	92,270,779	172,015,103	23	524	37,740,325	20,149,384	( <sup>1</sup> )
1919.....	51	3,856	209,424,110	305,760,151	29	2,675	89,893,400	79,835,738	42,300
1920.....	19	1,055	36,467,105	67,755,850	13	260	7,782,400	11,227,328	52,000
1921.....	18	954	31,714,450	34,252,550	13	778	33,642,255	30,863,526	5,000
1922.....	14	702	17,596,050	25,160,800	13	323	7,491,500	12,640,600	14,683
1923.....	12	338	6,760,100	13,255,300	15	927	118,077,959	110,638,250	12,266,000
1924.....	13	1,164	30,355,585	40,200,355	14	869	21,022,800	34,845,535	3,440,388
1925.....	13	1,129	36,291,046	48,632,084	13	569	18,074,300	18,329,555	53,000
1926.....	16	1,281	16,871,390	117,743,311	28	1,291	20,054,700	57,340,363	214,000
1927.....	12	567	16,895,523	20,292,810	16	941	53,345,000	78,445,100	3,140,000
1928.....	8	396	8,467,200	16,014,400	8	1,004	26,084,325	40,683,400	168,150
1929.....	5	500	39,035,000	36,373,900	10	510	18,472,995	21,173,700	285,359
1930.....	15	1,765	79,647,700	97,442,081	8	1,055	36,254,965	44,504,000	-----
1931.....	16	1,526	40,782,922	45,155,383	12	845	38,206,600	19,760,600	50,000
1932.....	20	1,932	176,333,850	392,719,308	6	347	10,685,000	12,609,800	-----
1933.....	10	1,736	39,773,300	119,298,196	8	405	9,575,405	10,346,700	7,500
1934.....	5	246	3,887,600	7,217,100	6	329	13,685,100	19,563,000	-----
1935.....	11	<sup>2</sup> 939	42,681,037	70,371,343	10	<sup>3</sup> 861	82,517,800	91,512,071	-----
1936.....	6	<sup>2</sup> 167	6,241,625	25,688,500	12	<sup>3</sup> 882	34,966,637	29,742,515	-----
1937.....	2	<sup>2</sup> 111	4,563,520	3,026,000	4	<sup>3</sup> 138	2,492,400	25,402,420	-----
1938.....	5	<sup>2</sup> 669	33,495,700	50,188,000	10	<sup>3</sup> 633	17,478,250	14,382,473	480,000
1939.....	2	<sup>2</sup> 272	3,811,200	6,231,200	8	<sup>3</sup> 660	36,124,000	78,827,729	-----

<sup>1</sup> Not available.

<sup>2</sup> Mileage of bus routes: 1935, 1,459 miles; 1936, 39 miles; 1937, 39 miles; 1938, 226 miles; 1939, 110 miles. Not available for years prior to 1935.

<sup>3</sup> Mileage of bus routes: 1935, 234 miles; 1936, 555 miles; 1937, 12 miles; 1938, 186 miles; 1939, 1,320 miles. Not available for years prior to 1935.

Source: McGraw-Hill Publishing Co. Inc., New York, N. Y.; Transit Journal, Annual Statistical Number.

**No. 507.—ELECTRIC RAILWAYS—SUMMARY FOR ELEVATED AND SUBWAY LINES<sup>1</sup>:  
1912 TO 1937**

	1912	1917	1922	1927	1932	1937
Number of companies.....	7	7	7	<sup>2</sup> 4	7	4
Miles of track <sup>3</sup> .....	517.8	696.1	857.9	870.9	1,028.4	785
Number of cars.....	5,706	6,801	8,096	8,654	12,645	8,849
Passengers carried (thousands).....	1,004,823	1,274,652	1,745,167	2,222,586	2,030,445	1,584,978
Revenue passengers, including pay transfer.....	991,002	1,262,509	1,743,284	2,220,704	2,033,018	1,582,942
Revenue car mileage (thousands).....	219,375	247,199	303,346	377,213	396,880	322,794
Average number of revenue passengers: Per mile of all track <sup>4</sup> .....	1,913,950	2,112,340	2,229,719	2,858,422	2,092,587	2,402,036
Per passenger-car hour.....	( <sup>5</sup> )	( <sup>5</sup> )	91	94	( <sup>5</sup> )	79
<b>Salaried employees:</b>						
Number.....	907	1,937	1,372	1,471	1,812	2,351
Salaries (thousands of dollars).....	1,398	2,648	3,008	3,877	4,525	5,752
<b>Wage earners:</b>						
Number.....	19,098	20,835	26,007	27,955	20,982	19,985
Wages (thousands of dollars).....	13,867	22,093	40,988	47,283	50,462	33,288

<sup>1</sup> Exclusive of the mixed elevated, subway, and surface systems of Boston and Philadelphia which are included in the surface group. <sup>2</sup> 4 companies were consolidated and treated as one company in 1927.

<sup>3</sup> Includes a minor amount of surface trackage.

<sup>4</sup> Average for 1912 based on all track exclusive of idle track and freight and switching roads; for 1917, 1922, and 1927, on running track exclusive of idle track and freight and switching roads; for 1932 and 1937, on total main track. <sup>5</sup> No data.

**No. 508.—ELECTRIC RAILWAYS—MILEAGE OF ELEVATED TRACK AND SUBWAY  
AND TUNNEL TRACK, BY STATES: 1917 TO 1937**

**NOTE.**—Figures given in this table cover all tracks, each track of a double or multiple line being counted separately

CLASS OF TRACK- AGE AND STATE	1917	1922	1927	1932	1937	CLASS OF TRACK- AGE AND STATE	1917	1922	1927	1932	1937
New York.....	297	363	373	380	406	New York <sup>1</sup> .....	163	269	282	357	563
Illinois.....	147	164	179	179	230	Massachusetts.....	25	27	29	31	45
Pennsylvania.....	17	33	32	32	35	New Jersey <sup>1</sup> .....	13	13	13	13	11
Massachusetts.....	26	30	36	40	29	Pennsylvania.....	9	8	9	38	43
New Jersey.....	4	4	4	4	4	California.....	5	5	6	8	8
Missouri.....	3	3	—	—	—	Illinois.....	2	2	2	61	58
Washington.....	—	3	8	—	2	All other States <sup>2</sup>	2	2	1	2	1
Maryland.....	1	1	1	1	—						
California.....	1	1	1	1	1						
Kansas.....	1	—	—	—	—						
Minnesota.....	—	—	—	1	—						
Indiana.....	—	—	—	—	1						

<sup>1</sup> Figures for New Jersey include 11 miles owned and operated by a New York company.

<sup>2</sup> Connecticut, Minnesota, Missouri, Rhode Island, West Virginia, and Wisconsin, 1917; Rhode Island, Minnesota, and Missouri, 1922; Minnesota, Missouri, Rhode Island, and Washington, 1927; Minnesota, Missouri, Montana, Rhode Island, and Washington, 1932; Rhode Island, 1937.

Source of tables 507 and 508: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 509.—ELECTRIC RAILWAYS—FINANCIAL SUMMARY FOR ELEVATED AND  
SUBWAY LINES: 1912 TO 1937

NOTE.—All figures in thousands of dollars. Data exclude the mixed elevated, subway, and surface systems of Boston and Philadelphia which are included in the surface group

ACCOUNT	1912	1917	1922	1927	1932	1937
Income from all sources.....	55,246	70,213	103,483	132,135	121,612	85,908
Operating revenues.....	52,230	68,537	105,862	129,020	119,120	85,908
Operating expenses.....	23,613	31,669	67,660	78,202	78,723	57,536
Net operating revenue.....	28,626	36,868	38,202	50,817	40,397	28,372
Taxes of operating companies.....	3,501	5,136	6,441	8,215	7,253	7,435
Operating income.....	25,125	31,732	31,761	42,603	33,143	20,937
Miscellaneous income.....	3,008	1,676	2,621	3,115	2,492	(1)
Gross income.....	28,133	33,408	34,382	45,718	35,635	21,762
Deductions from gross income.....	18,902	21,347	34,856	33,907	34,036	26,954
Interest.....	0,654	10,442	10,225	23,270	26,451	(2)
Miscellaneous.....	9,248	10,905	15,631	10,637	7,585	(1)
Net income.....	9,231	12,061	<sup>2</sup> 474	11,811	1,599	<sup>2</sup> 5,192
Dividends.....	8,530	10,087		6,250	(2)	(1)
Surplus.....	701	1,974	<sup>2</sup> 474	5,561	(2)	(1)

<sup>1</sup> None reported.

<sup>2</sup> No data.

<sup>3</sup> Deficit.

No. 510.—TROLLEY-BUS LINES—SUMMARY: 1932 AND 1937

NOTE.—Figures for 1937 cover all trolley-bus companies operating during that period; those for 1932 represent trolley-bus operations of electric street railway companies

	1932 <sup>1</sup>	1937
Number of companies <sup>1</sup> .....	16	36
Miles of route (round trip).....	244	1,447
Miles of street or highway served (one way).....	118	685
Number of trolley busses operated.....	247	1,655
Passengers, total number (thousands).....	34,350	303,656
Revenue, including pay-transfer.....	20,721	251,403
Free, including free-transfer.....	4,629	51,652
Revenue trolley-bus miles (thousands).....	3,703	49,450
Revenue passengers per revenue mile (average number).....	3.4	5.1
Wage earners, number <sup>2</sup> .....	334	3,193
Wages (thousands of dollars).....	551	4,799
Salaried employees, number (average of number reported on June 30 and Dec. 31).....	(3)	587
Salaries (thousands of dollars).....	(3)	1,031
Accidents:		
Fatalities, number.....	(3)	28
Injured, number.....	(3)	4,296
Operating revenues, total.....	(3)	14,351
Transportation revenues.....	(3)	14,758
Other revenues.....	(3)	93
Operating expenses, total.....	(3)	11,108
Way and structures and equipment.....	(3)	3,411
Power.....	(3)	1,522
Conducting transportation.....	(3)	4,467
General and other.....	(3)	1,708
Net operating revenues (trolley-bus).....	(3)	3,743
Auxiliary operations: <sup>4</sup>		
Revenues.....	(3)	20,341
Expenses.....	(3)	15,176
Net operating revenue.....	(3)	5,665
Taxes assignable to trolley-bus operations.....	(3)	932
Operating income.....	(3)	8,477
Nonoperating income.....	(3)	58
Gross income.....	(3)	8,535
Net income.....	(3)	5,854

<sup>1</sup> See headnote. <sup>2</sup> Number on pay roll as of June 30 for 1932; average of number on pay roll as of June 30 and Dec. 31 for 1937. See also headnote.

<sup>3</sup> No separate data; included with data for street-railway operations.

<sup>4</sup> Auxiliary operations consist essentially of sale of electric energy and gas. On basis of relative volume of expenses and revenues, trolley-bus transportation activities were secondary.

Source of tables 509 and 510: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 511.—MOTORBUS LINES—SUMMARY FOR LINES OPERATED BY ELECTRIC RAILWAYS AND BY SUBSIDIARY AND SUCCESSOR COMPANIES: 1927, 1932, AND 1937

	1927	1932	1937				
			Total	Operated by—			
				Electric railway companies	Subsidiary companies	Successor companies	All other <sup>1</sup>
Number of companies.....	301	498	988	143	48	282	515
Number of routes operated.....	1,583	3,613	4,668	1,756	368	1,388	1,166
Miles of route (round trip).....	29,267	77,897	95,537	24,557	10,150	23,576	37,248
Miles of street or highway served (one way).....	14,299	36,652	45,095	11,243	4,819	11,269	17,764
Number of busses, total.....	8,277	15,064	28,056	12,910	2,638	6,763	5,745
Owned.....	7,818	14,076	26,956	12,254	2,567	6,501	5,634
Leased.....	459	988	1,100	656	71	262	111
Single-deck.....	7,745	14,486	27,041	12,782	2,423	6,705	5,161
Double-deck.....	532	578	1,015	158	215	58	584
Number of motor busses required for normal day:							
Base schedule:							
Summer.....	( <sup>2</sup> )	( <sup>2</sup> )	13,295	4,950	1,078	3,783	3,475
Winter.....	( <sup>2</sup> )	( <sup>2</sup> )	13,670	5,186	1,079	3,906	3,499
Peak schedule:							
Summer.....	( <sup>2</sup> )	( <sup>2</sup> )	21,310	9,415	1,888	5,370	4,643
Winter.....	( <sup>2</sup> )	( <sup>2</sup> )	22,806	10,481	2,007	5,703	4,675
Number of passengers carried (thousands).....	875,402	1,302,318	3,363,229	1,614,617	273,529	891,390	583,693
Revenue passengers.....	771,806	1,135,500	2,880,054	1,300,718	240,527	795,686	546,124
Pay-transfer passengers.....	12,453	12,102	57,992	11,238	12,700	25,713	8,342
Free-transfer passengers.....	85,235	143,729	392,178	283,305	18,262	63,650	26,960
Free passengers (estimated).....	5,907	10,928	24,005	13,350	2,040	6,341	2,267
Number of bus-miles (thousands).....	272,518	496,025	967,435	424,949	91,038	244,373	207,475
Revenue miles.....	270,483	494,922	958,769	420,087	90,165	243,059	205,458
Nonrevenue miles.....	2,035	4,103	8,666	4,462	872	1,314	2,017
Number of bus-hours (thousands).....	24,927	43,308	87,442	39,408	7,671	22,024	17,739
Revenue hours.....	24,571	42,760	86,251	38,817	7,445	22,497	17,492
Nonrevenue hours.....	356	548	1,191	591	226	126	248
Number killed or died from injuries.....	108	95	174	85	11	40	32
Number injured but not killed.....	10,082	11,820	41,015	21,222	3,925	9,326	6,542
INCOME STATISTICS (thousands of dollars)							
Operating revenues.....	68,121	99,884	219,521	94,599	22,587	55,066	47,270
Transportation revenues.....	67,253	98,329	217,573	93,801	22,149	54,719	46,904
Miscellaneous.....	868	1,555	1,947	797	437	347	366
Operating expenses.....	65,771	94,618	182,301	78,547	20,079	44,044	39,632
Maintenance of plant and equipment.....	23,717	30,134	51,796	21,580	6,202	12,887	11,127
Operation.....	36,056	54,637	101,530	45,570	11,429	23,519	21,012
General expense including traffic promotion.....	5,998	9,847	28,975	11,397	2,448	7,638	7,493
Net operating revenue, motorbus lines.....	2,349	5,266	37,220	16,052	2,507	11,022	7,638
Net revenue from auxiliary operations.....	<sup>3</sup> 231	4	6,311	( <sup>4</sup> )	-----	6,267	44
Total net revenues, motorbus and auxiliary.....	2,119	5,270	43,531	16,052	2,507	17,290	7,682
Taxes.....	2,880	0,024	20,142	7,650	1,946	5,095	4,849
Operating income, motorbus and auxiliary.....	<sup>3</sup> 761	<sup>2</sup> 755	23,389	8,402	562	11,592	2,833
Nonoperating income.....	295	545	1,763	120	46	1,039	558
Gross income.....	<sup>1</sup> 1,056	<sup>2</sup> 1,300	25,152	8,522	608	12,631	3,391
Deductions from gross income.....	1,707	2,676	10,865	2,452	874	6,386	1,153
Net income.....	<sup>3</sup> 2,173	<sup>2</sup> 885	14,287	6,070	<sup>3</sup> 267	6,245	2,238
Number of employees.....	16,633	30,514	58,416	26,735	5,357	14,589	11,735
Salaried employees.....	2,333	3,896	7,951	3,831	611	1,893	1,616
Wage earners.....	14,300	26,618	50,465	22,904	4,746	12,696	10,119
Salaries and wages (thousands of dollars).....	27,564	43,512	92,679	43,435	8,093	21,804	18,658
Salaries.....	3,340	6,439	15,354	6,800	1,120	3,722	3,706
Wages.....	24,224	37,072	77,325	36,635	7,566	18,172	14,951

<sup>1</sup> Includes data for affiliates of trolley-bus systems and for motorbus systems not affiliated with, subsidiary to, or successors to street-railway systems in cities with population of 100,000 inhabitants or over.

<sup>2</sup> No data.

<sup>3</sup> Deficit.

<sup>4</sup> Included in consolidated balance sheets of reports for operating street railways. See table 505.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

NO. 512.—MOTORBUS LINES—MILEAGE AND PASSENGER TRAFFIC, BY STATES: 1932 AND 1937

DIVISION AND STATE	MILES OF ROUTE (ROUND TRIP)		MILES OF STREET OR HIGHWAY SERVED (ONE WAY)		REVENUE PASSENGERS CARRIED <sup>1</sup> (NUMBER IN THOUSANDS)		REVENUE MOTORBUS MILES (THOUSANDS)	
	1932	1937	1932	1937	1932	1937	1932	1937
United States.....	77,897	96,537	36,662	45,095	1,147,662	2,847,046	404,022	658,769
New England.....	8,399	16,527	4,206	6,796	162,134	349,360	58,360	113,684
Maine.....	287	478	147	239	277	1,124	546	906
New Hampshire and Vermont <sup>2</sup>	3,118	719	1,380	364	325,007	3,623	9,731	2,305
Massachusetts.....	4,494	10,494	2,085	4,065	107,520	232,881	35,877	68,262
Rhode Island.....	( <sup>4</sup> )	2,008	( <sup>4</sup> )	994	( <sup>4</sup> )	24,049	( <sup>4</sup> )	10,884
Connecticut.....	1,500	2,828	685	1,134	29,331	87,774	12,190	31,228
Middle Atlantic.....	23,215	29,721	10,530	14,560	545,543	1,354,262	176,254	338,858
New York.....	5,561	10,103	2,706	4,919	190,175	799,129	52,262	163,987
New Jersey.....	5,813	8,648	1,942	4,286	280,242	389,656	78,382	111,620
Pennsylvania.....	11,851	10,970	5,882	5,345	76,127	166,477	45,611	73,241
East North Central.....	17,059	21,447	8,075	10,370	181,655	508,900	107,629	193,684
Ohio.....	4,015	8,260	2,239	4,089	74,266	141,629	35,294	52,771
Indiana.....	2,211	3,174	1,061	1,575	17,113	37,040	13,566	21,468
Illinois.....	3,412	4,062	1,720	1,912	23,643	150,709	15,979	49,222
Michigan.....	3,457	3,667	1,560	1,719	48,980	116,486	30,900	52,798
Wisconsin.....	3,864	2,294	1,406	1,075	27,654	61,137	11,891	17,736
West North Central.....	9,609	3,080	4,823	1,524	44,014	128,260	29,720	55,661
Minnesota.....	1,040	420	542	196	7,085	11,552	5,605	6,315
Iowa.....	5,766	883	2,876	439	8,472	19,079	7,312	9,143
Missouri.....	1,855	975	933	489	16,123	71,269	8,318	29,566
North Dakota, South Dakota, and Nebraska <sup>2</sup>	197	311	100	154	5,449	8,096	3,622	4,440
Kansas.....	742	401	372	246	6,885	15,653	4,863	6,416
South Atlantic.....	6,093	10,094	2,657	4,665	75,891	210,652	38,947	84,831
Delaware and District of Columbia <sup>2</sup>	356	1,431	208	429	10,270	50,710	5,969	15,143
Maryland.....	2,271	2,034	793	1,030	12,095	22,049	6,510	10,607
Virginia.....	556	1,543	243	638	36,438	50,201	12,856	21,049
West Virginia.....	173	589	93	306	1,443	13,151	1,049	5,217
North Carolina.....	2,031	2,297	942	1,149	5,182	20,337	5,007	10,320
South Carolina.....	92	288	46	137	2,071	8,458	1,368	3,288
Georgia.....	350	956	183	479	5,030	16,907	3,555	6,685
Florida.....	264	956	144	497	3,363	22,730	2,543	11,922
East South Central.....	5,078	1,678	2,564	832	11,877	68,414	11,969	21,688
Kentucky.....	177	529	88	255	4,878	16,535	2,686	5,324
Tennessee.....	356	760	193	379	3,336	26,351	2,324	9,380
Alabama.....	46	205	25	102	836	16,387	710	4,188
Mississippi.....	4,519	194	2,258	96	2,826	8,641	6,349	2,795
West South Central.....	2,989	3,074	1,638	1,508	43,846	140,043	29,259	62,399
Arkansas.....	216	104	112	53	9,605	5,219	4,221	2,433
Louisiana.....	766	276	382	142	8,498	25,061	7,003	7,003
Oklahoma.....	2,007	556	275	275	25,743	23,723	7,003	8,435
Texas.....	2,007	2,138	1,044	1,036	25,743	86,041	18,035	43,925
Mountain.....	1,330	2,146	675	1,085	9,395	27,843	6,335	12,194
Montana.....	74	882	40	441	1,901	2,631	842	1,316
Idaho, Wyoming, and New Mexico <sup>2</sup>	827	113	34	71	1,298	3,075	378	1,625
Colorado.....	827	332	411	171	3,901	4,833	3,135	3,278
Arizona.....	362	196	190	98	2,297	4,347	1,481	1,783
Utah and Nevada <sup>2</sup>	362	623	190	304	2,297	13,057	1,481	4,292
Pacific.....	3,125	7,770	1,584	3,787	63,405	163,433	36,458	75,355
Washington.....	1,474	1,767	776	881	10,181	34,631	10,468	19,853
Oregon.....	245	1,631	121	811	8,827	13,195	4,591	8,265
California.....	1,406	4,372	687	2,075	44,398	115,706	21,400	47,236

<sup>1</sup> Including pay transfers.  
<sup>2</sup> Combined to avoid disclosing individual operations.  
<sup>3</sup> Includes data for Rhode Island.  
<sup>4</sup> Included with New Hampshire and Vermont.  
<sup>5</sup> None reported for New Mexico.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

**No. 513.—MOTORBUS LINES—SUMMARY FOR PUBLIC CARRIERS AND PRIVATE CARRIERS: 1934 TO 1939**

NOTE.—Figures for 1937 and 1938 have been revised in keeping with actual operating revenues. Figures for earlier years have not been so revised

	1934	1935	1936	1937	1938	1939
<b>PUBLIC CARRIER (REVENUE) OPERATIONS</b>						
Number of operating companies (Dec. 31).....	5,024	4,700	4,780	4,155	4,007	3,762
Owned by:						
Motor carriers <sup>1</sup> .....	4,754	4,432	4,529	3,913	3,765	3,536
Electric railways.....	199	206	188	177	177	168
Steam railroads.....	71	62	63	65	65	58
City (including "city and suburban").....	805	800	815	730	746	736
Intercity.....	3,904	3,670	3,600	3,000	2,848	2,598
Sightseeing and charter hire.....	315	330	365	425	413	428
Number of busses (Dec. 31).....	43,000	45,000	49,000	51,500	51,500	51,550
Owned by:						
Motor carriers <sup>1</sup> .....	29,990	30,650	34,400	36,000	31,700	31,850
Electric railways.....	11,600	12,600	12,850	13,700	18,000	18,000
Steam railroads.....	1,410	1,750	1,750	1,800	1,800	1,700
City (including "city and suburban").....	17,580	19,250	22,000	24,500	29,200	30,335
Intercity.....	22,820	23,750	24,750	24,750	20,000	18,614
Sightseeing and charter hire.....	2,600	2,000	2,250	2,250	2,300	2,601
Miles of highway covered (Dec. 31).....	2401,665	2395,774	2395,800	2393,350	2379,819	2358,686
On lines owned by:						
Motor carriers <sup>1</sup> .....	361,795	335,000	338,000	334,680	319,319	300,588
Electric railways.....	16,420	15,520	13,800	14,170	15,500	16,168
Steam railroads.....	23,460	45,254	44,000	44,500	45,000	41,930
City (including "city and suburban").....	19,665	24,000	24,760	22,300	24,819	23,154
Intercity.....	354,000	346,774	345,050	345,050	355,000	339,532
Sightseeing and charter hire.....	28,000	25,000	26,000	26,000	( <sup>2</sup> )	( <sup>3</sup> )
Revenue bus-miles (millions).....	1,544	1,813	2,042	1,888	1,986	2,282
City (including "city and suburban").....	588	691	750	811	983	1,103
Intercity.....	904	1,085	1,250	1,027	991	1,100
Sightseeing and charter hire.....	52	38	42	50	13	18
Revenue passengers (millions).....	2,203	2,501	3,076	3,293	3,558	4,324
City (including "city and suburban").....	1,809	2,084	2,571	2,737	3,185	3,812
Intercity.....	378	415	500	552	374	512
Sightseeing and charter hire.....	15	2	5	3	( <sup>2</sup> )	( <sup>3</sup> )
Operating revenue (thousands of dollars).....	310,600	393,046	466,708	384,860	402,454	493,467
City (including "city and suburban").....	131,200	145,596	183,708	186,340	216,224	265,813
Intercity.....	171,200	239,950	275,000	190,100	177,400	216,044
Sightseeing and charter hire.....	8,200	7,500	8,000	8,420	8,830	11,000
Investment in plant and equipment (Dec. 31) (thousands of dollars).....	362,235	407,817	446,280	459,030	494,660	564,413
Number of employees (Dec. 31).....	94,532	106,831	115,680	112,239	116,523	120,000
Total taxes and fees (thousands of dollars) <sup>4</sup> .....	37,280	40,375	43,001	38,937	43,702	50,026
Special taxes and fees <sup>4</sup> .....	33,300	35,625	38,476	34,367	( <sup>5</sup> )	( <sup>5</sup> )
General taxes <sup>6</sup> .....	3,980	4,750	5,126	4,670	( <sup>5</sup> )	( <sup>5</sup> )
<b>PRIVATE CARRIER (NONREVENUE) OPERATIONS</b>						
Number of operating agencies (Dec. 31).....	24,100	28,740	32,450	35,150	36,850	43,000
School.....	23,600	28,240	31,950	34,650	36,350	42,500
Others.....	500	500	500	500	500	500
Number of busses operated (Dec. 31).....	65,130	72,850	74,900	79,100	81,100	86,700
School.....	64,130	71,850	73,900	78,100	80,100	85,700
Others.....	1,000	1,000	1,000	1,000	1,000	1,000
Miles of route operated (Dec. 31).....	766,600	929,000	994,000	1,024,000	1,220,000	1,284,000
School.....	762,600	925,000	990,000	1,020,000	1,225,000	1,280,000
Others.....	4,000	4,000	4,000	4,000	4,000	4,000
Passengers carried (millions).....	524	594	640	656	690	759
School.....	514	584	630	646	680	749
Others.....	10	10	10	10	10	10

<sup>1</sup> Common carriers and sightseeing carriers.

<sup>2</sup> Miles of route operated (one way). Includes slight duplication resulting from use of same highway by more than one route.

<sup>3</sup> Not available.

<sup>4</sup> Does not include income and excess-profit taxes.

<sup>5</sup> All taxes paid as users of the highway and as operators of motor vehicles; includes excise taxes levied under Revenue Acts of 1932 and 1934.

<sup>6</sup> All taxes paid as citizens and businesses in general.

Source: McGraw-Hill Publishing Co., Inc., New York, N. Y.; Bus Transportation, Annual Review and Statistical Number.

## No. 514.—CIVIL AERONAUTICS—SUMMARY: 1930 TO 1939

ITEM	1930	1932	1934	1936	1938	1939
<b>SCHEDULED AIR TRANSPORT OPERATIONS</b>						
Services in operation Dec. 31 <sup>1</sup> .....	122	136	98	110	139	170
Miles of all airways in operation Dec. 31.....	49,549	48,530	50,801	61,532	71,199	80,109
Domestic <sup>2</sup> .....	26,887	28,550	28,084	28,374	35,492	36,581
Foreign and territorial <sup>2</sup> .....	19,662	19,980	22,717	32,658	35,707	43,528
<b>Airplanes in service and reserve Dec. 31:</b>						
Number.....	600	564	518	380	345	329
Domestic <sup>2</sup> .....	497	456	417	272	253	265
Foreign and territorial <sup>2</sup> .....	103	108	101	108	92	74
Value (thousands of dollars) <sup>2</sup> .....	11,490	8,763	10,500	15,200	21,500	26,500
Total personnel employed Dec. 31 <sup>1,4</sup> .....	3,475	5,010	6,477	9,995	13,309	15,923
Pilots and copilots employed.....	675	717	759	1,241	1,425	1,708
<b>Airplane-miles flown, all operators (thousands)</b>						
Domestic <sup>2</sup> .....	36,945	51,172	49,065	73,612	81,058	90,976
Foreign and territorial <sup>2</sup> .....	31,993	45,606	40,955	63,777	69,669	82,572
Foreign and territorial <sup>2</sup> .....	4,953	5,566	8,109	9,835	11,389	8,405
<b>Airplane-miles flown daily, average for the year<sup>1</sup></b>						
1930.....	101,220	139,542	133,062	201,017	222,077	249,249
1932.....	417,505	547,560	572,265	1,166,043	1,536,111	2,045,021
Domestic <sup>2</sup> .....	374,935	474,279	461,743	1,020,931	1,343,427	1,876,051
Foreign and territorial <sup>2</sup> .....	42,570	73,281	110,522	145,112	192,684	168,970
Average passenger-mile rate (domestic).....	\$0.083	\$0.061	\$0.059	\$0.057	\$0.057	\$0.051
Express and freight carried <sup>5</sup> (thousands of pounds).....	409	1,673	3,482	8,414	9,453	10,912
Domestic <sup>2</sup> .....	360	1,034	2,133	6,059	7,336	9,514
Foreign and territorial <sup>2</sup> .....	109	639	1,349	1,455	2,117	1,398
Miles of mail airways Dec. 31 <sup>1</sup> .....	41,501	45,436	46,003	51,740	63,292	74,338
<b>Airplane-miles flown with mail<sup>1</sup> (thousands)</b>						
1930.....	19,604	36,053	27,340	44,028	54,600	61,112
1932.....	8,514	7,909	7,372	18,324	(?)	(?)
Domestic <sup>2</sup> .....	7,985	7,393	7,411	17,706	(?)	(?)
Foreign and territorial <sup>2</sup> .....	529	515	461	618	785	977
<b>Mail income to contractors (thousands of dollars)</b>						
Domestic <sup>2</sup> .....	20,016	26,234	15,722	10,724	24,292	28,534
Domestic <sup>2</sup> .....	14,703	19,294	8,504	12,434	15,691	17,584
Foreign and territorial <sup>2</sup> .....	5,313	6,940	6,918	7,291	8,601	10,950
<b>MISCELLANEOUS<sup>10</sup></b>						
Airplane-miles flown, private flying operations (thousands).....	108,270	78,179	75,602	93,320	129,359	177,868
Miles airways lighted by Civil Aeronautics Administration.....	15,268	19,500	19,081	22,245	23,723	27,074
Miles of airway lighting under construction by Civil Aeronautics Administration.....	3,221	-----	3,048	-----	1,849	2,192
Beacons, revolving and flashing (federally operated).....	1,652	1,988	1,520	1,918	1,967	2,089
Beacons, privately owned and certified.....	140	228	310	410	530	650
Radio broadcast stations.....	45	61	71	80	91	92
Radio range beacon stations.....	33	08	112	146	225	244
Radio marker beacons.....	6	74	84	57	48	48
Weather reporting airway and airport stations <sup>11</sup> .....	143	234	208	213	314	298
Weather Bureau first-order stations.....	209	216	185	182	182	185
Commercial and private airports.....	584	645	618	625	528	456
Municipal airports.....	550	549	702	738	791	643
<b>Intermediate landing fields—Civil Aeronautics Administration—</b>						
Lighted.....	347	337	250	284	265	266
Unlighted.....	7	15	9	12	2	-----
Auxiliary airports—marked.....	240	476	580	622	628	665
Army, Navy, Marine Corps, National Guard, Reserve, and miscellaneous airports.....	74	95	188	161	160	250
Pilots licensed (active), airplane <sup>12</sup> .....	15,280	18,594	13,949	15,952	22,983	31,264
Airplanes licensed (active) <sup>12</sup> .....	7,354	7,330	6,339	7,424	10,000	12,829

<sup>1</sup> Domestic, foreign and territorial; see note 2.<sup>2</sup> Domestic scheduled air lines operate within continental limits of the United States; foreign and territorial operations cover activities of American air lines in foreign countries and territories of the United States.<sup>3</sup> Estimated.<sup>4</sup> Includes office personnel beginning 1932.<sup>5</sup> Not including express and freight privately carried.<sup>6</sup> Includes 1,719,919 airplane-miles flown by Army Air Corps.<sup>7</sup> Data not available.<sup>8</sup> The mail pound-miles flown and mail-payment statistics of Inter Island Airways, Ltd., are included with the domestic mail pound-miles and mail payments as this company holds a domestic air mail contract. All other statistics for this carrier are included with the figures for foreign and territorial operations.<sup>9</sup> Includes \$2,249,004 paid to Army Air Corps.<sup>10</sup> All data, except airplane-miles flown, are as of Dec. 31; figures, except as noted, cover the domestic field only.<sup>11</sup> Long line teletypewriter equipped.<sup>12</sup> Pilots and airplanes licensed by the American Government; figures include some pilots and airplanes operating on foreign extensions.

Source: Department of Commerce, Civil Aeronautics Administration; figures published in Oct. 15, 1940, issue of Civil Aeronautics Journal, a semimonthly publication.



## 21. WATERWAYS, WATERWAYS, AND SHIPPING

[Data in this section cover the following areas unless otherwise indicated: From Board of Engineers of the United States Army, Bureau of Customs, and Bureau of Foreign and Domestic Commerce, United States customs area which includes Alaska, Hawaii, and Puerto Rico, and, beginning Jan. 1, 1935, Virgin Islands; from United States Maritime Commission, 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. 515.—WATER-BORNE COMMERCE OF THE UNITED STATES—CARGO TONNAGE, FOREIGN AND DOMESTIC: 1933 TO 1938

[In thousands of short tons of 2,000 pounds]

	1933	1934	1935	1936	1937	1938
<b>Foreign commerce, total</b> .....	69,467	77,898	81,640	90,247	114,413	105,182
Imports, through seaports.....	27,071	30,553	33,043	37,507	43,764	33,886
Exports, through seaports.....	31,197	33,570	33,922	37,154	52,010	55,476
Imports, Great Lakes ports.....	3,034	4,287	4,716	5,423	4,102	5,110
Exports, Great Lakes ports.....	7,565	9,488	9,059	10,163	13,637	10,710
<b>Domestic commerce, unadjusted total</b> .....	377,777	403,027	461,632	559,614	630,620	632,008
Coastwise, between ports.....	110,346	113,240	115,442	132,367	140,417	138,473
Great Lakes, between ports.....	60,240	71,795	83,748	115,398	135,309	72,913
Local traffic of seaports and Great Lakes ports <sup>1</sup> .....	57,993	64,744	80,474	91,443	94,672	81,615
Traffic between seaports and river points.....	23,244	31,170	31,820	40,019	51,682	50,634
Traffic on rivers, canals, and connecting channels <sup>2</sup> .....	116,954	122,069	150,139	179,487	190,450	183,368
<b>Foreign and domestic, unadjusted total</b> .....	447,244	480,925	543,271	649,861	745,033	637,190
<b>Deduction of duplications:</b>						
Traffic between seaports and river points.....	23,244	31,179	31,820	40,019	51,682	50,634
Other duplications (canals, etc.) <sup>3</sup> .....	20,896	35,438	58,111	83,100	110,251	119,656
<b>Net total, foreign and domestic</b> .....	394,104	414,308	453,331	525,842	583,100	466,900
<b>Approximate net total, domestic</b> <sup>4</sup> .....	324,637	336,410	371,692	435,595	468,687	361,716

<sup>1</sup> Comprises the following with figures for 1938: Harbor traffic of New York, Philadelphia, and San Francisco, 40,433,000; local traffic of other seaports, 31,610,000; local traffic of lake ports, 9,567,000.

<sup>2</sup> Excluding St. Marys Falls Canal traffic (40,043,000 tons in 1938) and additional Detroit River traffic (21,784,000 tons in 1938), data for which are already included in figures for Great Lakes traffic; also excluding duplications relating to rivers and canals themselves.

<sup>3</sup> Principally coastwise and lake traffic passing through canals and connecting channels other than the St. Marys Falls Canal and the Detroit River.

<sup>4</sup> Estimated from figures in this table on assumption that all deductions represent duplications in domestic traffic. There are, however, some minor duplications in figures for foreign traffic.

Source: War Department, United States Army, Office of Chief of Engineers; Annual Report, Part II.

No. 516.—COMMERCE OF PRINCIPAL UNITED STATES OCEAN PORTS: 1938

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	Im-ports	Ex-ports	COASTWISE		PORT	Im-ports	Ex-ports	COASTWISE	
			Re-ceipts	Ship-ments				Re-ceipts	Ship-ments
Grand total.....	53, 886	55, 470	138, 515	143, 440					
Atlantic ports.....	26, 298	13, 608	91, 063	37, 818	Gulf ports—Con.				
Searsport, Maine.....	11	18	338	30	Terrebonne Bay, La.....				1, 471
Portland, Maine.....	223	80	2, 135	380	Lake Charles, La.....	23	451	29	2, 553
Portsmouth, N. H.....	89		238	10	Beaumont, Tex.....	61	1, 278	1, 240	13, 949
Boston, Mass.....	1, 798	321	11, 594	999	Port Arthur, Tex.....	2	4, 243	2, 039	12, 399
Beverly, Mass.....	15		379	25	Sabine, Tex.....	10			447
Salem, Mass.....	(1)		378		Galveston, Tex.....	269	1, 995	340	1, 253
Lynn, Mass.....	8		267		Texas City, Tex.....	36	1, 587	1, 969	5, 738
New Bedford and Fairhaven, Mass.....	(1)	(1)	582	32	Houston, Tex.....	520	6, 175	1, 438	14, 831
Fall River, Mass.....			1, 058	192	Port Aransas, Tex.....		352		6, 997
Providence, R. I.....	112	85	3, 931	473	Corpus Christi, Tex.....	11	2, 982	267	4, 828
New London, Conn.....	4		424	73	Brazos Island Harbor, Tex.....	4	26	96	257
New Haven, Conn.....	29		2, 340	499	Pacific ports.....	3, 078	15, 274	30, 957	33, 302
Bridgeport, Conn.....	7	10	1, 402	181	San Diego, Calif.....	59	11	538	12
Stamford, Conn.....			808	37	Los Angeles, Calif.....	509	6, 051	4, 888	7, 018
New York Harbor, N. Y.....	11, 993	6, 603	30, 011	7, 075	Ventura Harbor, Calif.....				1, 905
Albany, N. Y.....	204	575	1, 360	44	El Segundo, Calif.....		422	269	1, 322
Hempstead, N. Y.....			420	1, 496	Long Beach, Calif.....	116	410	779	1, 020
Northport Bay, N. Y.....			27	957	Elwood, Calif.....		25		349
Philadelphia, Pa. <sup>1</sup> .....	3, 880	1, 209	16, 471	4, 599	San Luis Obispo, Calif.....		537	41	2, 129
Wilmington, Del.....	233	5	228	3	Estero Bay, Calif.....		1, 504		4, 635
Baltimore, Md.....	4, 822	1, 311	4, 959	1, 712	San Francisco Bay, Calif.....	976	3, 812	11, 936	5, 290
Hampton Roads, Va.....	827	1, 993	2, 332	15, 888	Monterey, Calif.....		195	249	96
Wilmington, N. C.....	202	57	1, 310	3	Coos Bay, Oreg.....		119	29	305
Charleston Harbor, S. C. <sup>2</sup> .....	474	248	1, 049	296	Portland, Oreg.....	100	699	2, 865	1, 075
Savannah, Ga.....	482	318	1, 054	600	Longview, Wash.....		151	39	491
Jacksonville, Fla.....	268	174	1, 396	572	Hammersley Inlet, Wash.....	5		131	296
Hollywood Harbor, Fla.....	75	97	353	35	Grays Harbor and Bar Entrance, Wash.....		70	227	214
Miami, Fla.....	40	66	587	109	Port Gambie, Wash.....	(1)	17	44	314
San Juan, P. R.....	298	18	010	272	Olympia, Wash.....		19	251	307
Ponce Harbor, P. R.....	48	(1)	135	97	Tacoma, Wash.....	203	280	632	649
S. Thomas, V. I.....	72	159	109		Seattle, Wash.....	275	395	2, 936	1, 107
Gulf ports.....	4, 514	26, 593	12, 095	72, 822	Everett, Wash.....	103	57	465	359
Charlotte, Fla.....	(1)	234	7	458	Bellingham, Wash.....	70	38	103	215
Tampa, Fla.....	115	1, 026	1, 226	1, 036	Port Angeles, Wash.....	255	19	102	206
St. Andrews Bay, Fla.....	40	64	341	110	Port Townsend, Wash.....	63		352	63
Panacola, Fla.....	154	138	98	29	Honolulu, Hawaii.....	106	19	2, 003	837
Mobile, Ala.....	407	1, 420	999	618	Kahului, Hawaii.....	2	7	190	214
New Orleans, La.....	2, 400	3, 389	2, 434	3, 275	Hilo, Hawaii.....	24	41	202	284
Baton Rouge, La.....	351	906	100	3, 459					

<sup>1</sup> Less than 500 tons. <sup>2</sup> Including Delaware and Schuylkill Rivers, Pa. <sup>3</sup> Including Ashley River. Source: War Department, U. S. Army, Office of Chief of Engineers; Annual Report, Part II.

No. 517.—COMMERCE OF PRINCIPAL GREAT LAKES PORTS: 1935 TO 1938

NOTE.—In thousands of short tons of 2,000 pounds. Foreign imports and exports and coastwise receipts and shipments are included

PORT	RECEIPTS				SHIPMENTS			
	1935	1936	1937	1938	1935	1936	1937	1938
Total.....	88, 522	120, 507	139, 207	77, 375	92, 749	125, 579	149, 329	84, 271
Agate Bay, Minn.....	72	86	206	46	3, 622	6, 212	10, 913	4, 250
Alpena, Mich.....	145	233	251	183	2, 003	2, 536	2, 705	1, 937
Ashland, Wis.....	1, 369	549	678	542	3, 437	5, 178	6, 329	2, 582
Ashtrabula, Ohio.....	3, 305	5, 034	7, 377	3, 279	4, 809	4, 501	4, 986	2, 029
Buffalo, N. Y.....	10, 152	13, 478	15, 304	9, 677	2, 702	3, 160	2, 796	1, 881

<sup>1</sup> Revised, revision not carried to total.

## NO. 517.—COMMERCE OF PRINCIPAL GREAT LAKES PORTS: 1935 TO 1938—Con.

PORT	RECEIPTS				SHIPMENTS			
	1935	1936	1937	1938	1935	1936	1937	1938
Calcite, Mich.....	62	96	93	50	3,868	5,492	7,308	3,269
Charlotte, N. Y. (Rochester).....	147	145	92	165	409	389	588	547
Chicago, Ill. <sup>1</sup> .....	8,349	11,741	14,539	6,288	866	1,077	1,436	3,377
Cleveland, Ohio.....	8,346	13,202	14,596	5,104	2,545	2,630	2,691	1,785
Conneaut, Ohio.....	3,868	7,580	10,791	3,221	2,065	2,563	3,444	1,783
Detroit, Mich.....	10,670	12,080	13,192	10,604	1,288	1,290	1,273	897
Duluth-Superior.....	8,170	11,774	11,227	7,965	21,015	32,763	45,012	15,073
Erle, Pa.....	1,573	2,313	3,620	1,242	2,032	2,829	2,702	2,384
Escanaba, Mich.....	237	298	300	169	2,023	2,654	3,491	1,195
Fairport, Ohio.....	1,701	1,984	3,213	1,201	658	789	998	746
Frankfort, Mich.....	621	640	704	518	417	485	473	388
Gary, Ind.....	5,918	8,423	8,128	3,008	14	23	72	40
Grand Haven, Mich.....	60	68	105	85	69	188	307	455
Great Sodus Bay, N. Y.....					252	318	478	506
Green Bay, Wis.....	1,581	1,894	2,240	1,952	7	12	3	25
Huron, Ohio.....	842	806	1,097	368	365	409	498	562
Indiana Harbor, Ind.....	3,855	4,553	5,715	3,064	2,225	2,320	2,025	2,689
Keewaunee, Wis.....	181	242	234	183	215	270	294	254
Keeweenaw Waterway, Mich.....		360	441	377		20	16	14
Lorain, Ohio.....	2,731	3,569	5,110	2,570	1,240	1,451	1,552	858
Ludington, Mich.....	685	818	801	705	794	1,039	911	779
Manistee, Mich.....	151	188	191	168	179	603	548	255
Manitowoc, Wis.....	831	971	846	656	457	507	515	520
Marblehead, Ohio.....					123	466	473	399
Memorine, Mich. and Wis.....	530	646	676	430	189	133	136	70
Milwaukee, Wis.....	4,615	5,631	5,299	4,349	1,217	1,310	1,312	1,492
Muskegon, Mich.....	964	1,107	1,103	1,016	397	679	793	483
Ogdensburg, N. Y.....	367	333	421	382	180	212	173	161
Oswego, N. Y.....	112	70	77	812	171	239	380	400
Port Inland Harbor, Mich.....	2	2	2		1,698	2,141	2,427	1,441
Presque Isle, Mich.....					2,030	3,717	4,076	1,283
Rockport, Mich.....		6	14		657	757	735	416
Saginaw River, Mich.....	1,128	1,627	1,999	1,464	677	557	471	337
Sandusky, Ohio.....	4	7	11	469	6,662	9,679	8,023	7,252
Sault Ste. Marie, Mich.....	567	667	821	346	37	20	18	6
Sheboygan, Wis.....	380	485	486	365	1			4
Sturgeon Bay, Wis.....	19	27	35	18	70	133	219	363
Toledo, Ohio.....	2,537	3,011	3,181	1,329	16,988	21,069	22,116	18,009
All other.....	2,713	3,673	3,804	3,008	2,120	2,160	2,116	1,064

<sup>1</sup> Revised, revision not carried to total<sup>2</sup> Includes Chicago Harbor, Chicago River, and Calumet Harbor.

Source: War Department, United States Army, Office of Chief of Engineers; Annual Report, Part II.

## NO. 518.—FREIGHT TRAFFIC ON NEW YORK STATE CANALS—TONNAGE MOVED: 1837 TO 1939

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	Erle division, freight originating	YEARLY AVERAGE OR YEAR	All canals	ERIE DIVISION, FREIGHT ORIGINATING			
					Total	Grain	Sand, gravel, stone	Petroleum
1837-1840.....	1,330,016	771,741	1911-1915.....	2,448,837	1,626,451			
1841-1845.....	1,613,317	884,522	1916-1920.....	1,348,365	798,706			
1846-1850.....	2,781,410	1,556,696	1921-1925.....	1,905,291	1,548,408	630,453	333,250	191,406
1851-1855.....	3,976,501	2,141,476	1926-1930.....	2,904,575	2,397,042	933,602	282,649	397,328
1856-1860.....	3,911,407	1,889,759	1931-1935.....	4,014,269	3,516,522	923,230	105,677	1,202,495
1861-1865.....	5,049,341	2,743,929	1931.....	3,722,012	3,277,936	1,140,471	202,978	781,867
1866-1870.....	5,987,724	3,018,359	1932.....	3,643,433	3,186,094	1,039,698	130,674	880,065
1871-1875.....	5,974,097	3,320,073	1933.....	4,074,002	3,574,951	705,950	94,182	1,239,632
1876-1880.....	5,219,888	3,542,020	1934.....	4,142,728	3,645,125	883,510	35,483	1,513,020
1881-1885.....	5,210,389	3,495,690	1935.....	4,489,172	3,898,500	837,520	65,066	1,597,863
1886-1890.....	5,281,441	3,589,631	1936.....	5,014,206	4,220,397	615,193	81,581	1,933,585
1891-1895.....	4,112,061	2,962,628	1937.....	5,010,464	4,173,700	276,122	224,351	2,057,316
1896-1900.....	3,544,951	2,440,065	1938.....	4,709,488	3,349,250	287,728	190,400	1,784,294
1901-1905.....	3,335,210	2,144,492	1939.....	4,689,037	3,643,782	491,187	141,943	1,826,656
1906-1910.....	3,236,129	2,206,595						

Source: State of New York, Department of Public Works, Division of Canals and Waterways.

No. 519.—FREIGHT AND PASSENGER TRAFFIC ON ST. MARYS FALLS CANAL (SAULT STE. MARIE): 1890 TO 1939

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 canal

SEASON	FREIGHT CARRIED (1,000 SHORT TONS OF 2,000 POUNDS)					Total ton-miles (millions)	FREIGHT CHARGES		Valuation of freight (millions of dollars)
	Total	East-bound	West-bound	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
1920	79,282	63,464	15,818	74,866	4,418	64,702	86,742	1.33	1,120
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	69,330	16,349	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	85,339	6,783	74,881	80,208	1.07	1,000
1930	72,898	57,067	15,831	67,560	5,338	59,058	61,159	1.04	761
1931	44,014	32,687	11,927	38,554	6,060	36,342	37,030	1.02	522
1932	20,481	11,822	8,659	14,274	6,207	17,091	16,063	.94	355
1933	40,308	30,544	9,764	33,957	6,340	33,139	33,807	1.02	534
1934	42,248	30,455	11,793	36,218	6,030	34,412	35,153	1.02	620
1935	48,293	37,192	11,101	41,632	6,741	39,141	41,783	1.07	688
1936	69,529	54,843	14,686	61,185	8,344	56,322	58,063	1.05	800
1937	87,634	72,131	15,503	85,817	1,817	71,150	76,135	1.07	926
1938	40,043	29,053	10,990	37,775	2,268	32,922	36,314	1.10	582
1939	69,850	58,483	11,367	60,045	9,805	56,539	66,054	1.17	830

	1915	1920	1925	1930	1935	1938	1939
Passengers carried.....number..	60,336	68,451	56,956	45,303	32,937	41,552	40,501
Freight, eastbound...1,000 tons <sup>1</sup> ..	55,389	63,484	67,305	57,087	37,192	29,063	58,483
Flour.....1,000 bbls.....	8,437	7,478	9,280	8,532	6,841	6,548	7,487
Wheat.....1,000 bu.....	255,482	143,456	292,518	243,927	179,603	174,162	250,522
Other grain.....do.....	64,755	61,630	140,927	55,434	43,107	90,264	86,566
Lumber.....1,000 ft. b. m.....	14,560,451	192,864	186,486	150,986	40,044	9,520	15,817
Pulpwood.....1,000 cords.....					114	240	272
Iron ore.....1,000 tons <sup>1</sup> .....	45,212	56,643	53,821	46,990	29,278	20,447	46,783
All other.....do.....	506	176	222	351	639	506	935
Freight, westbound...1,000 tons <sup>1</sup> .....	14,921	15,818	14,570	15,831	11,101	10,990	11,367
Coal.....do.....	13,357	14,156	12,874	14,059	9,162	9,114	9,036
All other.....do.....	1,564	1,662	1,696	1,772	1,939	1,876	2,331

<sup>1</sup> Short tons of 2,000 pounds.

<sup>2</sup> 1,000 ft. b. m.

No. 520.—FREIGHT TRAFFIC ON OHIO RIVER—TONNAGE, TON-MILEAGE, AND VALUE: 1926 TO 1938

NOTE.—No data included for ferry traffic. Tonnage of freight carried on ferries in 1938 was reported as 1,433,000. Passengers carried in 1938, other than on ferries, numbered 1,588,560. Leaders indicate no data available

YEAR	1926-1938			YEAR	1938-1938		
	Short tons	Ton-miles	Value		Short tons	Ton-miles	Value
	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>
1926	19,755		150,086	1937—Total	23,357	2,671,926	276,701
1927	20,129	1,214,491	168,423	Up	3,169		55,112
1928	20,938	1,344,687	191,519	Down	5,207		64,272
1929	21,955	1,612,585	192,308	Inbound	12,318		74,909
1930	22,337	1,478,927	188,245	Outbound	2,662		82,408
1931	18,071	1,486,445	166,987				
1932	14,317	1,392,229	153,757	1938—Total	20,587	2,578,835	278,394
1933	16,751	1,708,422	199,235	Up	3,395		52,250
1934	18,036	1,783,925	224,444	Down	4,358		62,253
1935	20,977	2,258,829	286,402	Inbound	10,267		65,262
1936	24,384	2,652,870	279,377	Outbound	2,568		98,680

Source of tables 519 and 520: War Department, United States Army, Office of Chief Engineers; Annual Report, Part II.

No. 521.—COMMERCE ON PRINCIPAL RIVERS, CANALS, AND CONNECTING CHANNELS OF THE UNITED STATES: 1933 TO 1938

NOTE.—In thousands of short tons of 2,000 pounds. General ferry traffic, car ferry traffic, and cargoes in transit are not included in this table, except as noted

RIVER	1933	1934	1935	1936	1937	1938
Grand total, rivers, canals, and connecting channels	199,558	215,146	248,561	302,511	342,344	305,314
Grand total, rivers	95,648	102,866	125,878	151,751	155,528	147,760
Atlantic Coast rivers <sup>1</sup>	18,394	20,137	23,605	28,844	30,789	30,091
Connecticut River (below Hartford, Conn.)	811	983	951	1,074	1,233	1,069
Hudson River, N. Y. (mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	5,784	5,696	8,524	10,457	11,091	11,382
Delaware River, Philadelphia to Trenton, N. J.	2,707	2,817	2,787	3,642	3,696	3,136
Potomac River (below Washington, D. C.)	2,057	1,938	2,161	2,298	2,450	2,171
James River, Va.	1,395	1,873	1,771	2,094	2,242	2,357
Gulf Coast rivers <sup>1</sup>	5,604	6,001	8,158	12,398	10,465	10,780
Mobile River, Ala., tributaries	985	976	1,014	1,272	1,664	1,273
Black Warrior, Warrior, and Tombigbee Rivers, Ala.	1,123	1,067	1,131	1,432	1,826	1,852
Lake Pontchartrain, La.	626	710	650	863	1,100	1,218
Mermentau River, Bayou Nezpique, and Bayou des Cannes, La.	21	141	1,022	840	777	1,146
Bayou Lafourche, La.	110	792	893	883	871	915
Pacific Coast rivers <sup>1</sup>	18,630	18,183	16,052	18,328	21,919	25,876
San Joaquin River, Calif.	966	1,046	1,053	1,244	976	901
Columbia and Lower Willametta Rivers, below Vancouver, Wash., and Portland, Oreg.	2 10,783	2 10,498	2 12,083	2 11,340	2 13,591	14,037
Columbia River from Vancouver, Wash., to The Dalles, Oreg.	862	782	861	867	602	1,154
Willametta River, above Portland, and Yamhill River, Oreg.	891	1,144	2,008	2,205	2,504	1,588
Snohomish River, Wash.	962	1,224	1,150	1,688	1,970	1,245
Mississippi River and tributaries <sup>1</sup>	57,701	63,191	77,757	91,716	92,571	80,951
Mississippi River, Minneapolis, Minn., to the Passes (mouth of river) <sup>2</sup>	18,569	19,197	25,038	27,625	28,308	28,852
Illinois Waterway, Ill.	4 839	4 479	2 1,695	2 2,171	2 3,091	4 446
Missouri River, Fort Benton, Mont., to mouth	1,335	1,680	1,841	1,346	1,075	1,450
Allegheny River, Pa.	2,827	3,028	3,375	3,480	3,437	2,411
Monongahela River, Pa. and W. Va.	2 12,700	2 14,397	2 18,068	2 24,737	2 25,030	15,328
Kanawha River, W. Va.	1,859	1,786	2,205	2,441	3,176	3,333
Ohio River, Pittsburgh to mouth <sup>3</sup>	16,751	18,636	20,977	24,384	23,357	20,557
Tennessee River, Knoxville to Paducah.	940	1,495	1,899	2,166	1,377	1,064
Interior rivers and other waterways	320	354	306	470	483	292
Grand total, canals and connecting channels	103,910	112,280	122,683	150,760	186,816	157,554
Federal canals and connecting channels <sup>1</sup>	98,063	105,701	116,714	143,954	179,435	150,511
Cape Cod Canal, Mass.	2,805	2,792	2,627	2,801	3,539	3,524
Coney Island Channel, N. Y.	924	1,233	1,125	1,787	1,278	1,497
Inland waterway from Delaware River to Chesapeake Bay, Del. and Md.	1,191	1,039	1,061	1,300	1,437	2,234
Inland waterway from Norfolk, Va., to Beaufort Inlet, N. C.	534	581	583	642	823	957
Intracoastal Waterway, St. Marks River, Fla., to Corpus Christi, Tex.	(e)	(e)	(e)	(e)	5,754	6,590
Lake Charles Deep Water Channel, La.	1,926	2,457	4,411	5,563	6,823	6,083
Sabine-Neches Canal, Tex.	2 28,592	2 20,325	2 32,713	2 36,555	2 41,253	38,147
Channel from Aransas Pass to Corpus Christi, Tex.	2 4,880	2 4,845	2 5,350	2 8,449	2 14,101	14,552
Grays Reef Passage, Mich.					5,579	6,509
St. Marys Falls Canal, Mich. <sup>7</sup>	40,308	42,248	48,293	69,529	87,634	60,043
Detroit River, Mich. <sup>4</sup>	25,702	30,469	27,486	27,243	26,203	21,784
Multnomah Channel, Oreg.			988	1,149	1,093	1,439
Lake Washington Ship Canal, Wash.	1,239	1,466	1,706	1,695	1,731	1,596
State and private canals <sup>1</sup>	5,858	6,579	6,969	6,807	7,381	7,043
New York State Barge Canal system <sup>5</sup>	4,074	4,143	4,489	5,014	5,010	4,700
Navigation Canal, Inner Harbor, La.	2 1,276	2 1,530	2 1,327	2 1,590	1,823	1,867

<sup>1</sup> Totals include data for rivers or canals and connecting channels not shown separately.

<sup>2</sup> Revised, revision not carried to totals.

<sup>3</sup> Figures for years prior to 1935 represent gross traffic from Minneapolis, Minn., to New Orleans, La. They include some duplication resulting from the overlapping of traffic carried over each of the several stretches of the river. Figures for 1935 to 1938 represent net traffic from Minneapolis to mouth of river, excluding duplication. Net traffic from Minneapolis to New Orleans in 1934 was 16,038,000 tons.

<sup>4</sup> Traffic on Illinois River only.

<sup>5</sup> See also table 520.

<sup>6</sup> Not available.

<sup>7</sup> See also table 519.

<sup>8</sup> Actual traffic through Detroit River amounted to 61,827,000 tons in 1938. St. Marys Falls Canal traffic also passes through Detroit River, and therefore, in order to avoid duplication, only the difference is credited to Detroit River.

<sup>9</sup> See also table 518.

Source: War Department, United States Army, Office of Chief of Engineers; Annual Report, Part II.

No. 522.—UNITED STATES MERCHANT MARINE—SUMMARY: 1789 TO 1939

NOTE.—For definition of "gross ton" see general note, p. 458. 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 <sup>1</sup>	Total	Steam and motor	All other <sup>1</sup>	Foreign trade	Coastwise and internal trade	Whale fisheries	Cod fisheries
1789 <sup>1</sup>				202		202	124	60		9
1800 <sup>1</sup>				972		972	607	272	3	29
1810 <sup>1</sup>				1,425		1,425	981	405	4	35
1820 <sup>1</sup>				1,280		1,280	584	588	36	72
1830 <sup>1</sup>				1,192	64	1,127	538	517	40	98
1840 <sup>4</sup>				2,181	202	1,978	763	1,177	137	104
1850				3,585	520	3,010	1,440	1,708	146	152
1860				5,354	868	4,486	2,370	2,645	107	163
1870	28,998	3,524	25,474	4,247	1,075	3,171	1,449	2,658	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	9,025	6,358	4	38
1925	26,367	18,697	7,780	17,406	14,970	2,490	8,151	9,216	4	35
1929	26,326	18,319	7,007	16,477	14,152	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	13,628	2,380	5,576	10,286	7	40
1932	25,156	18,224	6,932	15,839	13,568	2,271	5,071	10,728	2	38
1933	24,868	18,182	6,686	15,060	12,862	2,198	4,701	10,313	9	37
1934	24,904	18,335	6,569	14,802	12,687	2,175	4,598	10,220	9	35
1935	24,919	18,405	6,424	14,654	12,535	2,118	4,560	10,049	9	35
1936	25,392	18,706	6,686	14,407	12,267	2,230	4,159	10,300	9	28
1937	26,588	19,201	7,387	14,676	12,170	2,506	3,834	10,800	20	23
1938	27,155	19,349	7,806	14,651	12,007	2,644	3,551	11,064	21	16
1939	27,470	19,606	7,864	14,632	11,952	2,680	3,312	11,288	21	11

CLASSES	NUMBER					THOUSANDS OF GROSS TONS				
	1920	1930	1937	1938	1939	1920	1930	1937	1938	1939
<b>By utilization:</b>										
Registered—										
Foreign trade	5,932	4,175	1,870	1,575	1,499	9,925	6,296	3,534	3,551	3,312
Whale fisheries	26	14	14	13	14	4	7	20	21	21
Enrolled—										
Coastwise and internal trade	12,181	12,497	14,250	14,807	14,896	6,233	9,608	10,655	10,909	11,128
Cod fisheries	196	261	142	89	69	32	36	20	14	10
Licensed—										
Coastwise and internal trade	9,468	8,004	10,197	10,587	10,939	124	115	145	155	160
Cod fisheries	385	263	115	84	53	6	6	3	2	1
<b>By location:</b>										
Atlantic and Gulf	16,860	14,321	15,978	16,621	16,816	9,739	9,904	10,145	10,183	10,197
Pacific	6,512	6,466	6,689	6,683	6,868	3,326	3,227	2,588	2,483	2,471
Northern lakes	3,061	2,450	2,159	2,148	2,108	3,139	2,768	1,713	1,739	1,712
Western rivers	1,730	1,977	1,762	1,698	1,678	120	178	230	246	252
<b>By power:</b>										
Sail	4,080	1,584	769	697	629	1,272	767	312	261	221
Steam	8,103	6,087	4,748	4,522	4,299	13,466	12,775	11,055	10,835	10,760
Motor	10,711	12,124	14,453	14,827	15,307	367	932	1,115	1,172	1,192
Canal boats	448	226	82	78	49	52	29	12	11	8
Barges	4,801	5,193	6,536	7,031	7,186	1,177	1,525	2,182	2,372	2,451
<b>By material:</b>										
Wood	23,781	20,211	21,369	21,801	21,943	3,876	2,554	2,443	2,521	2,478
Metal	4,402	5,003	5,219	5,354	5,527	12,448	13,514	12,233	12,130	12,159

<sup>1</sup> Sailing vessels, canal boats, and barges.

<sup>2</sup> Dec. 31.

<sup>3</sup> The decrease of tonnage arises principally from the registered tonnage having been corrected in 1818, 1820, and 1830 by striking off all vessels the registers of which were granted prior to 1815, which were supposed by the collectors to have been lost at sea, captured, etc.

<sup>4</sup> Sept. 30.

<sup>5</sup> Including Puerto Rico and Virgin Islands.

<sup>6</sup> Including Hawaii and Alaska.

Source: Department of Commerce, Bureau of Marine Inspection and Navigation; Merchant Marine Statistics.

No. 523.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS ON JUNE 30, 1939, BY YEAR OF BUILD

YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons
Dec. 31:			Dec. 31:		
Unknown.....	1,069	212,458	1897.....	128	56,482
1848.....	1	90	1898.....	181	89,517
1849.....	1	21	1899.....	225	92,071
1851.....	1	14	1900.....	272	129,593
1852.....	2	23	1901.....	360	135,497
1853.....	2	61	1902.....	325	184,912
1855.....	1	51	1903.....	350	205,521
1856.....	1	72	1904.....	331	137,607
1857.....	4	1,121	1905.....	385	260,654
1858.....	1	154	1906.....	428	249,562
1859.....	1	24	1907.....	483	387,906
1862.....	2	194	1908.....	446	265,841
1863.....	2	2,014	1909.....	420	214,170
1864.....	5	1,049	1910.....	480	262,350
1865.....	7	453	1911.....	541	179,785
1866.....	11	1,312	1912.....	660	207,664
1867.....	10	472	1913.....	688	329,070
1868.....	12	1,960	1914.....	613	202,121
1869.....	12	657	1915.....	636	151,158
1870.....	11	4,838	1916.....	588	368,116
1871.....	26	2,209	1917.....	861	649,802
1872.....	14	920	1918.....	851	670,418
1873.....	24	2,845	1919.....	1,077	1,033,509
1874.....	17	2,305	1920.....	950	1,032,332
1875.....	18	3,359	1921.....	691	1,252,713
1876.....	20	854	1922.....	472	202,044
1877.....	17	5,718	1923.....	583	218,361
1878.....	23	7,841	1924.....	724	205,307
1879.....	52	8,839	1925.....	765	168,660
1880.....	24	6,885	1926.....	821	195,861
1881.....	65	9,996	1927.....	917	267,658
1882.....	69	6,425	1928.....	899	234,240
1883.....	78	9,079	1929.....	898	191,808
1884.....	78	10,266	1930.....	864	275,450
1885.....	58	10,008	1931.....	672	192,764
1886.....	75	6,591	1932.....	402	175,704
1887.....	59	10,616	1933.....	348	75,473
1888.....	82	18,179	1934.....	409	48,360
1889.....	71	15,546	1935.....	572	82,152
1890.....	58	24,384	1936.....	763	139,433
1891.....	123	31,733	1937.....	826	239,696
1892.....	118	30,827	1938.....	753	237,374
1893.....	127	37,794	1939 (first half).....	354	146,670
1894.....	73	15,317			
1895.....	86	20,387			
1896.....	121	72,668			
			<b>Total.....</b>	<b>27,470</b>	<b>14,631,991</b>

No. 524.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS ON JUNE 30, 1939, BY TONNAGE GROUPINGS

TONNAGE GROUPINGS	TOTAL		STEAM VESSELS		MOTOR VESSELS		SAILING VESSELS		UNRIGGED VESSELS	
	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons
<b>Total.....</b>	<b>27,470</b>	<b>14,632</b>	<b>4,299</b>	<b>10,760</b>	<b>15,307</b>	<b>1,192</b>	<b>629</b>	<b>221</b>	<b>7,235</b>	<b>2,459</b>
5 to 49 tons.....	14,745	261	314	10	13,006	220	393	6	1,032	26
50 to 99 tons.....	2,193	158	539	42	1,289	90	60	4	305	22
100 to 499 tons.....	6,710	1,853	1,218	280	772	149	42	11	4,078	1,404
500 to 999 tons.....	1,429	941	277	193	82	54	55	42	1,015	652
1,000 to 2,499 tons.....	649	1,080	319	582	83	138	68	116	179	289
2,500 to 4,999 tons.....	603	2,308	558	2,149	11	47	11	42	23	70
5,000 to 9,999 tons.....	1,076	7,149	1,015	6,699	58	434	.....	.....	3	17
10,000 to 19,999 tons.....	57	705	51	639	6	66	.....	.....	.....	.....
20,000 tons and over.....	8	177	8	177	.....	.....	.....	.....	.....	.....

Source of tables 523 and 524: Department of Commerce, Bureau of Marine Inspection and Navigation; Merchant Marine Statistics.

No. 525.—MERCHANT VESSELS LAUNCHED IN THE WORLD AND IN THE UNITED STATES: 1910 TO 1939

NOTE.—Vessels of 100 gross tons and over. For definition of "gross ton" see general note, p. 458. Vessels under construction in the world (excluding Russia) June 30, 1939, numbered 719, of 2,859,292 gross tons; in the United States, 67, of 391,824 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	1,488	4,046,800	1,206	3,918,746	518	1,877,382
1921-1925, average	942	2,581,653	830	2,531,592	99	315,114
1926-1930, average	873	2,468,515	808	2,427,929	74	188,788
1931-1935, average	484	1,020,444	461	1,010,667	25	83,485
1926	600	1,674,977	525	1,630,134	78	160,013
1927	802	2,285,679	734	2,239,522	66	170,218
1928	809	2,699,239	809	2,660,321	63	91,367
1929	1,012	2,793,210	981	2,774,191	63	126,003
1930	1,084	2,889,472	991	2,836,476	100	246,687
1931	596	1,617,115	569	1,608,551	57	205,805
1932	307	726,591	295	724,287	18	143,559
1933	330	489,016	311	470,559	14	10,771
1934	586	967,419	514	954,777	21	24,625
1935	649	1,302,080	617	1,290,660	14	32,007
1936	999	2,117,924	946	2,080,222	69	111,885
1937	1,101	2,690,580	1,011	2,642,748	123	239,445
1938	1,119	3,033,593	1,029	2,975,942	105	201,251
1939 (first 6 months) <sup>1</sup>	496	1,239,157	402	1,187,781	95	166,598

<sup>1</sup> Figures covering the war period are for allied and neutral countries.

<sup>2</sup> Latest figures available; none will be compiled until after the war period.

Source: Lloyd's, London; Lloyd's Register of Shipping, Annual Summary of Mercantile Shipbuilding of the World; 1939 and figures in headnote from Lloyd's Register Shipbuilding Returns.

No. 526.—MERCHANT MARINE OF THE WORLD AND OF 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. 458

YEAR	World total		YEAR	World total		YEAR	World total	
	1,000 tons	1,000 tons		1,000 tons	1,000 tons		1,000 tons	1,000 tons
1905	25,086	2,165	1920	67,314	16,040	1935	64,886	12,852
1906	28,957	2,760	1925	64,641	15,377	1936	65,064	12,567
1905	35,998	3,996	1930	69,608	14,048	1937	66,268	12,429
1910	41,016	5,059	1933	67,920	13,368	1938	67,847	12,050
1915	49,262	5,893	1934	65,577	13,045	1939	69,440	12,003

	NUMBER					THOUSANDS OF TONS (SEE HEADNOTE)					
	1910	1920	1930	1938	1939	1910	1914	1920	1930	1938	1939
World total	30,058	31,595	32,713	30,990	31,186	41,915	49,090	57,314	69,608	67,847	69,440
Steam and motor	22,008	26,513	29,996	29,409	29,763	37,291	45,404	53,905	63,024	66,870	68,509
Steel and iron	20,403	23,382	27,695	27,212	27,507	30,769	44,934	51,661	67,304	66,371	68,007
Wood and composite	1,605	3,131	2,401	2,197	2,256	621	470	2,244	720	499	503
Sailing	8,050	5,082	2,717	1,581	1,423	4,624	3,686	3,409	1,584	976	930
Steel and iron	2,115	1,314	742	794	743	2,508	2,095	1,524	654	584	572
Wood and composite	5,935	3,768	1,975	787	680	2,116	1,590	1,885	930	393	358
United States	3,469	5,467	4,223	3,391	3,375	5,069	5,368	16,049	14,046	12,050	12,003
Steam and motor	1,712	4,110	3,517	2,955	2,958	3,827	4,390	14,574	13,202	11,515	11,490
Steel and iron	1,270	3,242	3,001	2,678	2,569	3,092	4,120	13,341	12,914	11,369	11,342
Wood and composite	442	868	616	377	398	226	210	1,234	288	146	148
Sailing	1,757	1,347	706	436	417	1,232	1,038	1,475	844	535	513
Steel and iron	139	154	147	190	187	245	236	304	288	278	272
Wood and composite	1,618	1,193	559	246	230	987	803	1,171	556	256	241

Source: Lloyd's, London; Lloyd's Register of Shipping, Volume II.



NO. 527.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL, TOTAL, 1915 TO 1939, AND BY NATIONALITY OF VESSEL, 1939

NOTE.—See general note, p. 468. Figures cover ocean-going commercial traffic which includes only tolls paying vessels of 300 net tons and over, Panama Canal measurement, and vessels paying tolls on displacement tons of 500 displacement tons and over. Foreign naval vessels such as colliers, transports, supply ships, etc., with a measurement of 300 net tons or more and foreign naval vessels such as battleships, cruisers, destroyers, submarines, etc., with a displacement of 500 tons or more, are classified as ocean-going commercial vessels

YEAR ENDED JUNE 30	Number of transits	Net tonnage (thousands) <sup>1</sup>	Tolls (thousands of dollars)	Tons of cargo (thousands)	NATIONALITY OF VESSELS	Number of transits	Net tonnage (thousands) <sup>1</sup>	Tolls (thousands of dollars)	Tons of cargo (thousands)	
1915 <sup>2</sup>	1,958	3,507	4,367	4,888	Year ended June 30, 1939:					
1916 <sup>2</sup>	724	2,212	2,403	3,093						
1917	1,738	5,357	5,021	7,055		Belgian	1	6	5	12
1918	1,989	6,072	6,429	7,526		British	1,502	7,670	6,610	6,802
1919	1,948	5,638	6,164	6,910		Chilean		26	105	95
1920	2,893	7,898	8,508	9,372		Danish	260	758	604	728
1921	2,791	10,550	11,269	11,596		French	107	531	473	502
1922	2,665	10,556	11,192	10,883		German	361	1,455	1,299	1,409
1923	3,908	17,206	17,504	19,566		Greek	117	554	469	606
1924	5,158	24,181	24,285	26,993		Honduran	37	60	51	23
1925	4,592	21,134	21,394	23,657		Italian	69	325	299	179
1926	5,087	22,906	22,920	26,030		Japanese	261	1,518	1,355	1,710
1927	5,293	24,245	24,212	27,734		Latvian	1	3	2	5
1928	6,253	27,229	26,922	29,616		Netherlands	312	805	702	675
1929	6,289	27,535	27,111	30,648		Norwegian	704	3,199	2,709	3,408
1930	6,027	27,716	27,060	30,013		Panamanian	193	359	299	372
1931	5,370	25,090	24,625	25,065		Peruvian	6	12	11	8
1932	4,462	21,842	20,695	19,799		Philippine	5	24	22	37
1933	4,162	21,094	19,601	18,161		Soviet	8	18	17	20
1934	5,234	20,410	24,047	24,704		Swedish	157	720	613	1,008
1935	5,180	25,720	23,307	25,310	United States	1,788	8,800	7,758	9,909	
1936	5,382	25,923	23,479	26,506	Venezuelan	2	3	3	2	
1937	5,387	25,430	23,102	23,108	Yugoslavian	56	244	202	267	
1938	5,524	25,950	23,170	27,380						
1939	5,003	27,170	23,661	27,867						
Total	104,417	469,241	453,047	498,791						

<sup>1</sup> Panama Canal net tonnage prior to 1939 are estimated figures based on revised measurement rules which became effective Mar. 1, 1938.

<sup>2</sup> Canal opened to traffic Aug. 15, 1914.

<sup>3</sup> Canal closed to traffic approximately 7 months of fiscal year by slides.

NO. 528.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL—SUMMARY, FISCAL YEARS ENDED JUNE 30: 1933 TO 1939

NOTE.—See general note, p. 468

	1933	1934	1935	1936	1937	1938	1939
Number of transits	4,162	5,234	5,180	5,382	5,387	5,524	5,903
Measurement tonnage registered:							
Gross (thousands)	27,153	34,348	33,013	33,130	32,575	32,018	34,533
Net (thousands)	16,519	20,524	19,609	19,644	19,303	19,622	20,745
Panama Canal, net (thousands) <sup>1</sup>	21,094	26,410	25,720	25,923	25,430	25,950	27,170
United States equivalent (thousands)	16,351	20,333	19,429	19,481	19,237	( <sup>2</sup> )	( <sup>2</sup> )
Tons of cargo, total (thousands)	18,161	24,704	25,310	26,506	23,108	27,380	27,867
Atlantic to Pacific	4,507	6,163	7,550	8,250	6,896	9,089	9,011
Pacific to Atlantic	13,654	18,541	17,780	18,256	18,213	17,697	18,856

<sup>1</sup> As estimated or measured under rules which became effective Mar. 1, 1938.

<sup>2</sup> Not available. Application of United States rules of measurement of vessels abolished.

Source of tables 527 and 528: The Panama Canal, Annual Report of the Governor.

No. 529.—PANAMA CANAL—REVENUES, EXPENSES, AND COMPUTED SURPLUS:  
1914 TO 1939

[In thousands of dollars]

YEAR ENDED JUNE 30	Tolls	Civil revenues <sup>1</sup>	Business profits <sup>2</sup>	Total revenue	Net ap- propria- tion ex- penses <sup>3</sup>	Net revenues	Capital interest, 3 per- cent <sup>4</sup>	Com- puted surplus
1914 to 1925, total.....	118,931	2,397	4,232	125,560	80,536	45,023	75,382	\$ 80,859
1926.....	22,927	218	841	23,986	8,643	15,443	15,086	357
1927.....	24,217	392	877	25,485	9,548	15,938	15,069	869
1928.....	26,944	233	737	27,913	9,501	18,412	15,035	3,377
1929.....	27,124	243	738	28,105	10,187	17,918	15,013	2,904
1930.....	27,077	349	761	28,187	9,894	18,293	14,988	3,306
1931.....	24,645	346	563	25,553	10,693	14,860	14,987	\$ 197
1932.....	20,707	327	557	21,591	10,239	11,352	14,044	\$ 3,502
1933.....	19,621	310	1,136	21,067	9,556	11,511	14,908	\$ 3,897
1934.....	24,065	97	1,367	25,528	7,751	17,777	15,039	2,738
1935.....	23,339	82	1,021	24,442	9,301	15,141	15,124	17
1936.....	23,507	120	920	24,547	9,495	15,052	15,100	\$ 108
1937.....	23,147	99	917	24,164	10,110	14,054	15,205	\$ 1,151
1938.....	23,215	90	825	24,130	9,396	14,735	15,230	\$ 195
1939.....	23,699	107	681	24,488	9,965	14,522	15,250	\$ 728
Total.....	453,165	5,410	16,172	474,747	214,717	260,030	286,419	\$ 26,889

<sup>1</sup> Taxes, fees, fines, etc.<sup>2</sup> Principally from operation of shops and docks.<sup>3</sup> After deduction of canal earnings repaid to appropriations.

<sup>4</sup> No interest charge against the Canal is actually made by the Treasury. In order to present the net results of the operation of the Canal, the interest on capital invested is computed at a rate considered reasonable for Government borrowings over an indefinite period. Computed interest prior to July 12, 1920, is included in capital investment account.

<sup>5</sup> Deficit.

Source: The Panama Canal, Annual Report of the Governor.

No. 530.—MARINE WRECKS AND CASUALTIES OCCURRING TO VESSELS OF THE  
UNITED STATES, 1916 TO 1939, and BY REGIONS, 1936 TO 1939

NOTE.—This table covers disasters and casualties resulting in damage or loss amounting to \$300 or more. Figures exclude data for some casualties to U. S. vessels reported after closing of records for respective years. No data included for casualties to U. S. vessels in Panama Canal Zone. Figures for such casualties in 1939 are as follows: Vessels involved, 2; tonnage, 13,032; property loss, \$81,560; persons on board, 76; no loss of life

YEARLY AVERAGE OR YEAR ENDED JUNE 30—	NUMBER OF VESSELS		VESSEL CAPAC- ITY—1,000 TONS		LOSSES—1,000 DOLLARS		PERSONS ON BOARD		Lives lost
	Com- plete loss	Partial loss	Com- plete loss	Partial loss	To vessel	To cargo	Passen- gers	Crews	
<b>Total:</b>									
1916-1920.....	322	678	102	1,487	39,440	13,803	9,889	19,733	651
1921-1925.....	253	665	113	1,808	18,794	4,374	10,207	18,859	189
1926-1930.....	273	780	122	2,258	17,648	4,159	11,830	23,372	219
1931-1935.....	217	546	60	1,815	11,824	1,679	8,134	17,810	164
1936.....	178	727	45	2,806	11,036	874	10,707	23,881	86
1937.....	182	612	52	2,197	10,351	1,017	7,998	19,255	84
1938.....	142	665	30	2,554	16,469	1,456	6,403	25,168	76
1939.....	204	685	46	2,291	9,738	2,642	7,043	10,785	41
<b>Atlantic, Gulf, and Pacific coasts:</b>									
1936.....	117	389	28	1,228	5,498	530	5,060	11,484	69
1937.....	123	334	33	969	5,023	532	5,989	9,503	39
1938.....	95	345	19	1,007	4,689	715	3,725	13,642	65
1939.....	165	411	34	1,042	6,066	2,227	5,146	9,908	25
<b>Great Lakes:</b>									
1936.....	12	107	7	530	1,744	17	1,524	3,160	-----
1937.....	20	109	7	500	2,405	98	392	3,476	25
1938.....	17	94	4	442	2,012	110	167	2,964	4
1939.....	5	78	( <sup>1</sup> )	281	872	41	77	1,993	-----
<b>Rivers of United States:</b>									
1936.....	35	106	3	387	1,537	69	1,389	2,931	10
1937.....	32	62	5	174	1,390	94	429	1,608	17
1938.....	19	67	1	213	727	72	6	1,530	-----
1939.....	22	71	2	237	1,177	97	553	1,892	3
<b>At sea and in foreign waters:</b>									
1936.....	14	125	7	662	2,257	258	1,825	6,306	7
1937.....	7	107	7	554	1,533	293	1,188	4,665	3
1938.....	11	159	6	892	9,141	569	2,505	7,082	7
1939.....	12	125	9	731	1,623	277	1,267	5,992	13

<sup>1</sup> Less than 500.

Source: Treasury Department, U. S. Coast Guard; records.

**No. 531.—MERCHANT VESSELS UNDER THE CONTROL OF THE U. S. MARITIME COMMISSION: AS OF DEC. 31, 1939**

NOTE.—For definition of deadweight tons see general note, p. 468

TYPE	TOTAL		ACTIVE		LAID-UP	
	Number of vessels	Dead-weight tons	Number of vessels	Dead-weight tons	Number of vessels	Dead-weight tons
Total fleet.....	1 184	1, 495, 350	43	399, 524	121	1, 085, 826
Cargo and passenger.....	11	142, 019	3	54, 180	8	87, 839
Cargo.....	163	1, 353, 331	40	345, 344	113	1, 007, 987
Documented vessels.....	140	1, 279, 398	48	399, 524	97	879, 874
Cargo and passenger.....	10	133, 319	3	54, 180	7	78, 139
Cargo.....	130	1, 146, 079	45	345, 344	90	800, 735
Undocumented vessels.....	24	215, 952	—	—	24	215, 952
Cargo and passenger.....	1	8, 700	—	—	1	8, 700
Cargo.....	23	207, 252	—	—	23	207, 252

1 Not including figures for 5 tugs under control of the Maritime Commission.

2 Includes 1 vessel of 9,748 deadweight tons loaned to the War Department and 1 vessel of 4,900 deadweight tons used as a training ship.

Source: U. S. Maritime Commission, records (not published elsewhere).

**No. 532.—FOREIGN AND INTERCOASTAL COMMERCE—CARGO TONNAGE**

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 <sup>1</sup>			ATLANTIC COAST PORTS			GULF COAST PORTS		
	1936	1937	1938	1936	1937	1938	1936	1937	1938
Total commerce.....	89, 998	109, 168	99, 366	43, 857	51, 648	41, 646	17, 711	24, 298	27, 128
Inbound.....	47, 003	51, 932	41, 294	31, 806	35, 204	28, 144	4, 621	5, 848	4, 380
Outbound.....	42, 995	57, 236	58, 072	12, 051	16, 444	13, 502	13, 090	18, 448	22, 748
With foreign countries <sup>2</sup> .....	78, 110	96, 621	88, 430	36, 359	43, 864	34, 971	16, 149	22, 596	25, 649
Imports.....	38, 396	42, 063	32, 818	26, 679	30, 076	23, 545	3, 962	5, 242	3, 838
Exports.....	39, 714	54, 558	55, 612	9, 680	13, 788	11, 426	12, 187	17, 354	21, 811
Intercoastal.....	—	—	—	5, 711	5, 832	5, 024	1, 098	1, 072	824
Inbound.....	6, 719	6, 904	5, 848	3, 916	3, 806	3, 476	453	385	319
Outbound.....	6, 719	6, 904	5, 848	1, 795	2, 026	1, 548	555	687	505
With noncontiguous territories <sup>4</sup> .....	5, 169	5, 633	5, 078	1, 787	1, 952	1, 651	554	628	653
Imports.....	2, 788	2, 965	2, 628	1, 211	1, 322	1, 123	206	221	223
Exports.....	2, 381	2, 668	2, 450	576	630	528	348	407	430
	Pacific coast ports			Great Lakes ports			Ports in all territories and possessions <sup>5</sup>		
Total commerce.....	31, 908	35, 219	32, 599	13, 241	14, 899	13, 833	6, 497	6, 308	(?)
Inbound.....	6, 697	7, 213	5, 505	4, 779	3, 697	3, 205	6, 470	6, 126	(?)
Outbound.....	15, 211	18, 006	17, 034	8, 462	11, 232	10, 628	6, 387	6, 482	(?)
With foreign countries <sup>2</sup> .....	12, 361	15, 262	13, 977	13, 241	14, 899	13, 833	6 608	6 623	(?)
Imports.....	2, 976	3, 078	2, 230	4, 779	3, 697	3, 205	6 442	6 498	(?)
Exports.....	9, 385	12, 184	11, 747	8, 462	11, 232	10, 628	6 166	6 125	(?)
Intercoastal.....	6, 719	6, 904	5, 848	—	—	—	—	—	—
Inbound.....	2, 350	2, 713	2, 053	—	—	—	—	—	—
Outbound.....	4, 369	4, 191	3, 795	—	—	—	—	—	—
With noncontiguous territories <sup>4</sup> .....	2, 828	3, 053	2, 774	—	—	—	7, 889	8, 685	5, 077
Imports.....	1, 371	1, 422	1, 282	—	—	—	4, 268	4, 628	2, 628
Exports.....	1, 457	1, 631	1, 492	—	—	—	3, 621	4, 057	2, 449

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.

7 Data not available.

Source: United States Maritime Commission, successor to U. S. Shipping Board Bureau; records (not published elsewhere).





## No. 534.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY TRADE REGIONS AND COUNTRIES: 1936, 1937, and 1938—Continued

FOREIGN ORIGIN OR DESTINATION	IMPORTS			EXPORTS		
	1936	1937	1938	1936	1937	1938
<b>North Coast South America</b> .....	4,331,943	4,030,368	3,920,609	250,285	390,489	443,323
Venezuela.....	3,848,132	3,277,699	3,324,503	186,607	249,552	269,073
British Guiana.....	74,894	82,084	71,243	5,484	6,500	6,797
Surinam (Netherland Guiana).....	237,312	376,181	334,034	11,813	13,041	18,652
French Guiana.....		95		3,190	1,008	1,767
Colombia.....	171,605	294,309	190,829	93,180	120,388	146,434
<b>East Coast South America</b> .....	2,565,974	3,184,337	1,491,093	1,267,999	1,768,205	1,553,369
Brazil.....	846,365	859,870	853,329	665,965	810,998	763,029
Uruguay.....	67,236	53,637	30,818	96,874	138,043	84,008
Argentina.....	1,442,373	2,250,830	537,040	596,230	809,199	736,272
<b>West Coast South America</b> .....	2,203,660	2,540,559	2,580,229	680,232	880,793	729,252
Colombia.....	26,004	22,807	20,827	20,224	27,013	21,116
Chile.....	2,014,157	2,313,200	2,335,034	354,124	590,278	533,757
Peru.....	113,185	162,370	180,794	141,888	218,627	160,871
Ecuador.....	50,214	42,182	43,574	13,996	44,875	13,508
<b>West Africa</b> .....	496,154	650,218	331,601	187,541	195,789	285,244
Morocco.....	14,526	20,564	16,233	20,530	23,061	143,243
Senegal.....	10	16	1,132	10,505	14,292	29,107
French Guinea.....	1,032	1,372	1,114	3,560	4,593	15,715
Sierra Leone.....	2,437	7,086	2,785	4,623	4,974	5,645
Liberia.....	1,961	4,020	3,792	3,458	5,634	6,164
Ivory Coast.....	22,237	25,282	22,713	15,610	21,022	10,856
Gold Coast.....	373,510	470,830	238,193	48,318	57,248	28,944
Togo.....	1,808	2,762	413	3,099	2,309	1,734
Dahomey.....	1,571	9,180	2,029	4,309	4,333	2,616
Nigeria.....	43,499	79,512	28,902	30,675	31,617	19,031
Cameroons.....	2,097	3,316	807	8,365	7,958	6,471
Gabon.....	53	28	478	5,095	6,933	3,990
Belgian Congo.....	20,693	26,259	13,010	3,775	6,413	6,719
<b>South and East Africa</b> .....	196,279	361,648	267,868	620,311	813,346	522,701
Union of South Africa.....	17,624	55,635	47,728	422,852	552,257	380,217
Mozambique.....	147,234	275,133	187,112	143,183	170,561	104,132
Tanganyika Territory and Kenya.....	31,247	30,880	33,028	32,409	37,516	18,816
Italian Somaliland.....				7,249	13,892	
French Somaliland.....	124			1,112	23,794	866
Madagascar.....				6,039	8,100	10,723
Mauritius.....				4,760	3,928	5,816
Reunion.....				2,707	3,208	2,332
<b>Australia and Antarctic Region</b> .....	235,550	318,248	200,245	851,740	968,369	973,778
New Zealand.....	20,450	31,306	16,014	254,627	251,328	273,784
Australia.....	131,752	167,618	127,586	566,674	681,891	668,273
Fiji Islands.....	1,861	10,601	7,476	4,572	10,009	10,349
New Caledonia.....	57,287	52,230	28,200	4,452	5,639	3,630
Society Islands.....	537	1,711	3,825	20,823	4,893	6,946
Antarctic Region.....	10,460	41,393	17,144			10,494
<b>East Indies</b> .....	894,063	1,229,095	768,084	163,886	912,790	256,821
Straits Settlements and Federated Malay States.....	394,198	464,230	311,000	41,881	83,836	93,811
French Indo-China and Siam.....	3,208		18,345	24,363	18,756	28,704
Sumatra.....	210,159	259,649	137,059	15,165	34,563	17,504
Java.....	274,062	490,269	252,034	79,862	162,866	108,366
Borneo.....	1,100	7,665	7,397	599	10,827	5,730
Celebes.....	10,436	17,147	7,249	1,515	1,942	2,716
<b>East Asia</b> .....	2,315,172	2,527,737	1,900,132	7,330,572	10,465,883	8,046,453
China.....	293,275	267,968	110,081	766,634	1,117,764	601,713
U. S. S. R. (Soviet Union).....	777	4,081	2,636	77,086	137,105	202,268
Japan.....	678,603	777,748	347,511	5,844,243	8,503,741	7,430,255
Philippine Islands.....	1,342,517	1,477,940	1,459,954	642,009	657,253	812,217
<b>India, Persian Gulf, and Red Sea</b> .....	921,118	1,069,314	790,634	210,872	334,670	244,330
Eritrea.....				10,242	27,218	
Anglo-Egyptian Sudan.....	5,063	6,037	5,824	814	1,998	1,771
Egypt.....	54,613	32,540	700	987	1,954	3,672
Iraq.....	32,502	31,131	26,994	656	5,939	4,534
Arabia.....	3,794	3,615	3,275	16,482	18,273	27,889
Iran (Persia).....		2,341	5,655	4,279	5,014	5,079
India.....	768,926	931,046	698,479	170,598	251,343	193,235
Ceylon.....	56,220	62,104	49,721	6,814	22,281	7,490
<b>Canada</b> .....	7,051,186	6,338,295	5,477,789	11,217,987	14,389,061	13,669,870
Pacific.....	751,351	879,658	816,417	1,030,030	1,111,532	1,021,538
Atlantic and Newfoundland.....	1,564,458	1,852,867	2,166,809	1,737,490	2,083,408	3,112,166
Great Lakes.....	4,735,377	3,606,870	2,494,563	8,443,867	11,194,111	9,536,166

Source: U. S. Maritime Commission; Report No. 275 (Annual), Water-Borne Foreign Commerce of the U. S., except for 1938 figures which are not published elsewhere.

**No. 535.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY STATES AND PORTS: 1936, 1937, AND 1938**

NOTE.—In cargo tons of 2,240 pounds. See headnote, table 533. State totals cover all tonnage, including that of small ports not shown

STATE AND PORT	IMPORTS			EXPORTS		
	1936	1937	1938	1936	1937	1938
<b>Grand total</b> .....	<b>38,396,748</b>	<b>42,062,821</b>	<b>32,818,162</b>	<b>39,714,048</b>	<b>54,557,726</b>	<b>55,612,107</b>
<b>North Atlantic District</b> .....	<b>25,418,991</b>	<b>28,448,078</b>	<b>22,127,959</b>	<b>8,708,942</b>	<b>12,612,218</b>	<b>10,561,739</b>
Maine, total.....	512,902	583,854	414,812	64,712	143,074	74,104
Portland.....	290,915	301,170	199,924	57,172	109,914	66,878
New Hampshire: Portsmouth.....	46,450	52,740	72,815	1,791	11,417	7,315
Massachusetts, total.....	2,538,326	2,456,151	1,621,749	291,090	422,888	289,346
Boston.....	1,895,940	2,072,368	1,337,577	291,087	422,784	285,137
Everett.....	575,128	308,867	230,883	.....	.....	.....
Fall River.....	18,062	23,470	7,366	.....	.....	4,023
Rhode Island, total.....	205,850	229,550	102,679	8,090	43,254	75,465
Providence.....	203,450	229,550	102,679	8,090	43,254	75,466
Connecticut, total.....	71,935	53,091	46,757	.....	.....	.....
New Haven.....	35,352	25,007	27,056	.....	.....	.....
New London.....	21,372	19,688	12,909	.....	.....	.....
New York, total.....	12,475,870	13,885,700	10,913,961	5,420,205	7,279,378	6,418,306
New York.....	12,087,575	13,473,678	10,723,140	5,264,802	7,136,755	5,969,772
New Jersey, total.....	52,244	125,651	172,354	78,595	88,048	62,018
Paulsboro.....	3,68,133	97,774	152,577	76,696	88,048	62,018
Pennsylvania, total.....	3,548,708	3,937,396	2,965,318	980,290	1,385,165	1,015,574
Chester.....	.....	.....	62,518	.....	.....	146,735
Philadelphia.....	.....	.....	2,902,800	980,290	1,385,165	868,839
Delaware: Wilmington.....	537,850	632,974	558,025	10,179	1,643	7,805
Maryland: Baltimore.....	4,632,957	5,538,026	4,417,971	745,505	1,571,425	1,168,720
Virginia, total.....	795,899	952,340	842,918	1,108,424	1,665,926	1,442,807
Newport News.....	151,496	145,563	127,590	321,093	531,208	436,493
Norfolk.....	623,054	786,711	689,221	674,274	1,026,071	804,106
<b>South Atlantic District</b> .....	<b>1,269,735</b>	<b>1,627,644</b>	<b>1,416,861</b>	<b>971,269</b>	<b>1,175,757</b>	<b>874,428</b>
North Carolina, total.....	141,401	214,937	191,500	35,638	118,022	72,248
Wilmington.....	139,732	214,937	190,561	35,638	63,355	51,802
South Carolina, total.....	323,867	490,366	437,830	199,543	210,605	189,918
Charleston.....	323,867	482,966	426,151	199,543	210,605	189,918
Georgia, total.....	462,564	599,694	437,599	318,358	409,902	265,523
Brunswick.....	12,334	11,478	5,741	34,229	30,807	18,020
Savannah.....	450,230	588,216	431,858	284,129	379,095	247,504
Florida, east coast, total.....	331,903	352,647	349,932	417,730	436,558	346,679
Fernandina.....	.....	.....	2,642	115,875	68,550	113,973
Jacksonville.....	232,112	252,054	243,396	223,422	245,887	152,249
Port Everglades.....	67,257	68,861	65,813	60,346	103,421	67,344
<b>Gulf District</b> .....	<b>3,961,745</b>	<b>5,242,540</b>	<b>3,838,146</b>	<b>12,186,612</b>	<b>17,353,837</b>	<b>21,811,478</b>
Florida, west coast, total.....	248,601	314,819	294,529	1,372,727	1,316,621	1,285,253
Boca Grande.....	.....	.....	103	208,005	119,824	193,377
Panama City.....	36,532	42,622	27,432	40,599	61,870	45,461
Pensacola.....	110,039	140,827	142,475	149,858	150,657	123,894
Tampa.....	99,485	130,414	110,833	970,353	983,107	920,828
Alabama: Mobile.....	282,159	504,525	385,999	416,715	771,714	1,043,069
Mississippi.....	88,512	116,987	68,096	98,449	106,561	97,813
Louisiana, total.....	2,547,824	3,472,054	2,336,827	2,417,830	3,396,273	4,015,754
Baton Rouge.....	284,820	334,823	296,509	480,018	657,137	778,075
Lake Charles.....	15,374	42,764	21,112	314,203	329,505	370,879
New Orleans.....	2,222,662	3,085,027	2,019,206	1,560,698	2,327,031	2,823,235
Texas, total.....	794,649	833,255	752,695	7,880,891	11,762,668	15,369,589
Beaumont.....	6,379	2,960	4,371	796,984	1,157,328	844,874
Corpus Christi.....	3,560	6,977	9,815	615,811	1,603,655	2,698,002
Freeport.....	.....	.....	.....	135,039	121,403	152,846
Galveston.....	173,674	223,331	207,183	827,891	1,378,606	1,771,535
Houston.....	414,847	470,672	437,558	3,123,591	3,981,225	5,093,137
Fort Arthur.....	168,488	88,466	52,518	2,132,513	2,830,076	3,468,745
Port Neches.....	.....	8,184	.....	40,686	54,235	51,434
Texas City.....	.....	14,150	23,468	184,945	606,530	1,205,857

\*Includes commerce of New Jersey ports which enters or clears through this custom house.

No. 535.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY STATES AND PORTS: 1936, 1937, AND 1938—Continued

STATE AND PORT	IMPORTS			EXPORTS		
	1936	1937	1938	1936	1937	1938
<b>Pacific District</b>	<b>2, 976, 424</b>	<b>3, 077, 844</b>	<b>2, 229, 979</b>	<b>9, 384, 787</b>	<b>12, 183, 776</b>	<b>11, 746, 528</b>
California, total	1, 878, 754	1, 879, 936	1, 274, 091	7, 424, 272	9, 933, 602	9, 903, 614
Eureka		9, 116		19, 132	29, 546	17, 693
Los Angeles	868, 889	838, 450	571, 230	3, 931, 204	5, 311, 493	4, 856, 133
San Diego	20, 174	16, 440	17, 375	4, 081	9, 587	14, 377
San Francisco (all ports in Bay)	989, 691	1, 015, 878	686, 049	2, 243, 070	2, 838, 070	2, 990, 071
Port San Luis		52	37	1, 226, 135	1, 744, 057	1, 806, 597
Oregon, total	147, 599	139, 077	91, 073	693, 340	882, 418	861, 940
Astoria	22			60, 250	46, 550	43, 783
Coos Bay				218, 981	231, 987	93, 383
Portland	143, 577	136, 076	86, 771	388, 346	585, 050	694, 161
Washington, total	950, 071	1, 058, 831	864, 215	1, 267, 169	1, 367, 696	980, 074
Anacortes	4, 081	5, 007	3, 764	20, 792	21, 706	3, 675
Bellingham	11, 891	13, 049	23, 880	70, 977	56, 109	27, 242
Everett	12, 024	19, 920	51, 386	111, 296	75, 667	53, 111
Grays Harbor		2, 313		257, 583	256, 834	63, 835
Longview	2, 269		1, 738	66, 026	109, 331	80, 551
Olympia	195	540	44	34, 599	28, 011	19, 033
Port Angeles	187, 432	234, 947	216, 407	28, 031	21, 301	34, 102
Port Townsend	50, 560	40, 795	55, 149			131
Seattle	310, 911	355, 752	215, 447	268, 863	396, 042	350, 300
Tacoma	354, 080	371, 082	290, 862	292, 353	321, 632	323, 904
Willapa Harbor	1, 752	1, 200	750	73, 794	51, 427	16, 543
<b>Great Lakes District</b>	<b>4, 778, 853</b>	<b>3, 668, 715</b>	<b>3, 205, 217</b>	<b>8, 462, 438</b>	<b>11, 232, 137</b>	<b>10, 627, 934</b>
New York, total	2, 265, 386	1, 183, 879	926, 780	1, 631, 482	1, 927, 108	1, 632, 241
Buffalo	1, 844, 279	777, 908	625, 773	899, 038	737, 683	620, 445
Ogdensburg	77, 244	105, 201	75, 330	22		
Oswego	28, 474	26, 409	117, 389	148, 346	245, 161	282, 651
Rochester	112, 361	81, 871		291, 441	465, 068	413, 768
Sodus Point				277, 961	419, 646	416, 377
Tonawanda	57, 769	74, 369			702	
Waddington	93, 053	68, 100	82, 200		7	
Pennsylvania: Erie	236, 395	162, 123	192, 017	568, 707	814, 789	556, 432
Ohio, total	377, 151	421, 966	605, 029	5, 144, 751	6, 108, 220	5, 152, 259
Ashtabula				1, 468, 060	1, 617, 988	1, 299, 240
Cleveland	209, 077	226, 934	99, 302	364, 239	352, 010	266, 498
Conneaut			3, 562	429, 669	450, 054	294, 023
Fairport		3, 700		356, 586	409, 776	452, 517
Lorain	3, 188	9, 913	26, 536	143, 951	235, 473	89, 547
Sandusky	393	6, 869	339, 087	578, 944	570, 391	631, 662
Toledo	164, 493	174, 490	76, 542	1, 796, 801	2, 522, 093	1, 930, 410
Indiana	5, 107	8, 241	8, 577	7, 200	27, 013	9, 596
Illinois: Chicago	442, 371	757, 489	244, 925	241, 988	396, 754	1, 437, 768
Michigan, total	433, 239	450, 972	627, 206	334, 189	630, 317	382, 268
Detroit	210, 272	196, 145	256, 023	162, 503	157, 439	142, 543
Escanaba	5, 346	12, 737	3, 378	90, 275	182, 384	71, 325
Marquette				27, 852	145, 107	15, 141
Port Huron	67, 312	57, 815	46, 299	6, 443	5, 228	4, 779
South Haven	53, 903	40, 704	40, 076	1, 771		7
Wisconsin, total	765, 452	627, 207	572, 522	514, 352	1, 112, 217	1, 124, 422
Ashland	68, 774	141, 230	200, 120	169, 940	260, 524	167, 854
Milwaukee	178, 564	116, 435	74, 421	46, 561	79, 317	184, 186
Superior	328, 917	107, 600	9, 881	297, 851	796, 776	699, 692
Minnesota, total	253, 752	54, 838	28, 161	19, 707	155, 719	332, 958
Duluth	253, 752	54, 838	27, 310	19, 707	155, 719	329, 955

Source: U. S. Maritime Commission; Report No. 298 (Annual), Foreign Commerce of U. S. Ports.



NO. 536.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY MAJOR COMMODITIES, AND BY COASTAL DISTRICTS: 1938

NOTE.—In thousands of cargo tons of 2,240 pounds. See headnote, table 533. Leaders indicate no data or less than 500 tons

COMMODITY	Total	North Atlantic district	South Atlantic district	Gulf district	Pacific district	Great Lakes district
Imports, total.....	32, 818	22, 128	1, 417	3, 838	2, 230	3, 205
Dry cargoes, total.....	23, 799	14, 405	1, 122	2, 923	2, 174	3, 175
Animal, fish, and dairy products (edible).....	220	177	3	10	26	4
Hides and skins.....	90	85			4	1
Oils (animal, fish, and vegetable).....	500	385	4	44	65	2
Animal products (inedible).....	16	15			1	
Grain, linseed, soybean (bulk).....	920	346			4	579
Grain products (dry).....	73	54		2	3	14
Animal feeds and fodder.....	149	35	11	6	61	36
Fruits and vegetables.....	1, 742	939	118	560	127	2
Copra and coconuts.....	281	54		46	181	
Coffee and cocoa.....	1, 105	708	0	260	128	
Sugar and molasses.....	2, 702	1, 868	148	583	81	22
Beverages.....	103	83	1	5	11	3
Teas and spices.....	88	75		2	10	1
Seeds and nursery stock.....	130	109	1	4	15	1
Tapioca and other starches.....	115	104	5	2	4	
Miscellaneous vegetable products (inedible).....	8	8				
Tobacco (unmanufactured).....	42	39		3		
Rubber (except rubber goods).....	421	380	3	9	29	
Gums and resins (except naval stores).....	23	19		2	2	
Naval stores.....	2	1			1	
Vegetable dyeing and tanning materials.....	112	107		4	1	
Cotton (unmanufactured).....	55	52		1	2	
Silk.....	29	26	1		2	
Wool and hair.....	50	48			2	
Textiles.....	62	51	1	5	5	
Fibers and products.....	563	314	10	147	65	18
Logs and timber.....	232	26		98	100	2
Lumber.....	488	165	1	15	284	23
Cork and products.....	75	75				
Wood pulp.....	2, 512	1, 243	2	33	79	1, 155
Paper stock.....	49	35		3	11	
Paper.....	1, 014	358	40	116	122	348
Coal and coke.....	440	358			81	1
Petroleum and products.....	24	20			4	
Asphalt and pitch.....	23	17		6		
Clay, chalk, stone, sand, and cement.....	1, 911	986	94	56	107	668
Nonmetallic minerals.....	185	122	3	4	10	46
Ores.....	4, 530	3, 691	5	454	273	107
Iron and steel.....	230	95	7	72	54	2
Metal scrap.....	29	19			4	6
Metals, n. e. s. (not iron, steel, or precious).....	153	142		1	10	
Precious metals and stones.....	12	9			3	
Machinery (heavy).....	18	15		1	2	
Vehicles.....	10	10				
Machines (small) and appliances.....	1	1				
Glass, porcelain, and earthenware.....	60	43		2	15	
Rubber goods.....	3	3				
Manufactured goods.....	88	38		1	11	80
Building materials, n. e. s.....	16	11	2	1	2	
Medicines, drugs, and toilet preparations.....	3	3				
Chemicals.....	236	96	56	67	16	1
Paints and pigments.....	67	62		3	1	1
Phosphate rock.....	1			1		
Fertilizer, n. e. s.....	1, 251	308	580	270	73	20
Moss and kelp.....	62	39	1	11	10	1
Crude drugs and essential oils.....	51	48			3	
Returned containers.....	14	7		5	2	
Returned goods.....	2			1	1	
Explosives and ammunition.....	2				2	
Miscellaneous.....	397	248	5	11	58	75
Tanker cargoes, total.....	9, 019	7, 733	295	915	56	30
Oils (animal, fish, and vegetable).....	37	37				
Animal feeds and fodder.....	1				1	
Copra and coconuts.....	4				4	
Sugar and molasses.....	902	727		175		
Silk.....	1				1	
Wood pulp.....	31	31				
Petroleum and products.....	7, 702	6, 897	250	620		25
Asphalt and pitch.....	19	10		8	1	
Metals, n. e. s. (not iron, steel, or precious).....	1				1	
Chemicals.....	218	20	37	112	47	2
Paints and pigments.....	1	1				
Fertilizer, n. e. s.....	9		8		1	
Returned goods.....	3					3

No. 536.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY MAJOR  
COMMODITIES, AND BY COASTAL DISTRICTS: 1938—Continued

COMMODITY	Total	North Atlantic district	South Atlantic district	Gulf district	Pacific district	Great Lakes district
Exports, total.....	55, 612	10, 552	874	21, 812	11, 748	10, 628
Dry cargoes, total.....	33, 829	9, 955	874	5, 783	3, 836	10, 382
Live animals.....	1	1				
Animal, fish, and dairy products (edible).....	213	101	13	22	75	2
Hides and skins.....	23	11			12	
Oils (animal, fish, and vegetable).....	32	23		4	5	
Animal products (inedible).....	5	4		1		
Grain, linseed, soybean (bulk).....	6, 711	1, 070		2, 801	594	2, 246
Grain products (dry).....	714	266	3	205	164	16
Animal feeds and fodder.....	414	244	21	101	27	21
Fruits and vegetables.....	1, 015	242	5	39	729	
Copra and coconuts.....	5	1			4	
Coffee and cocoa.....	33	31		15	2	
Sugar and molasses.....	80	61		1	3	
Beverages.....	9	5	1	1	3	
Teas and spices.....	5	4			1	
Seeds and nursery stock.....	8	3			1	
Tapioca and other starches.....	9	2		2	3	
Miscellaneous vegetable products (inedible).....	4	4		7		
Tobacco (unmanufactured).....	235	180	25	30		
Rubber (except rubber goods).....	30	17		1	12	
Gums and resins (except naval stores).....	1	1				
Naval stores.....	240	14	114	108	1	3
Vegetable dyeing and tanning materials.....	12	11			1	
Cotton (unmanufactured).....	1, 082	51	32	863	136	
Wool and hair.....	12	10		1	1	
Textiles.....	40	24	7	7	2	
Fibers and products.....	30	22		7	1	
Logs and timber.....	420	10	41	140	220	
Lumber.....	1, 288	72	116	646	452	3
Cork and products.....	3	2				1
Wool pulp.....	121	24		3	85	
Paper stock.....	83	45		3	35	9
Paper.....	133	70	4	34	25	
Coal and coke.....	8, 264	918	69	87	20	7, 170
Petroleum and products.....	1, 285	626	6	378	274	1
Asphalt and pitch.....	185	55		64	64	2
Clay, chalk, stone, sand, and cement.....	313	116	14	27	19	137
Sulphur.....	574	4		569	1	
Nonmetallic minerals.....	83	36		14	25	8
Ores.....	766	153		67	14	522
Iron and steel.....	2, 071	1, 432	29	454	90	66
Metal scrap.....	2, 706	1, 495	224	666	312	9
Metals, n. e. s. (not iron, steel, or precious).....	336	145		89	102	
Machinery (heavy).....	388	305	4	53	23	3
Vehicles.....	650	608	2	22	12	6
Machines (small) and appliances.....	81	28	1	1	1	
Glass, porcelain, and earthenware.....	28	18	1	5	2	2
Rubber goods.....	20	16			4	
Manufactured goods.....	64	46	1	10	7	
Building materials, n. e. s.....	78	24	2	27	24	1
Medicines, drugs, and toilet preparations.....	11	6		5		
Chemicals.....	330	199	2	21	95	13
Paints and pigments.....	106	19		89	7	
Phosphate rock.....	1, 078	1	117	960		
Fertilizer, n. e. s.....	360	262	10	33	43	2
Crude drugs and essential oils.....	1	1				
Returned containers.....	16	12		2	2	
Returned goods.....	2	1		1		
Explosives and ammunition.....	14	8			6	
Miscellaneous.....	1, 078	795	11	46	87	139
Tanker cargoes, total.....	21, 783	597		13, 029	7, 911	246
Fruits and vegetables.....	1	1				
Sugar and molasses.....	15	11		4		
Naval stores.....	6				2	4
Wood pulp.....	16			11	5	
Petroleum and products.....	21, 629	511		12, 991	7, 888	239
Asphalt and pitch.....	31	16		2	11	2
Clay, chalk, stone, sand, and cement.....	2	2				
Iron and steel.....	12	12				
Machinery (heavy).....	2	2				
Manufactured goods.....	1	1				
Building materials, n. e. s.....	5	1			4	
Chemicals.....	45	23		21		1
Paints and pigments.....	1	1				
Miscellaneous.....	17	16			1	

Source: U. S. Maritime Commission, records (not published elsewhere).

NO. 537.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET TONNAGE:  
1840 TO 1939

NOTE.—Domestic trade is not included. For definition of net tonnage see general note, p. 458. 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	
	Sea-ports	Other ports	Sea-ports	Other ports		Sea-ports	Other ports	Sea-ports	Other ports
1840 <sup>1</sup> .....	1,788	501	1,861	492	1908.....	30,444	8,095	30,198	8,084
1850.....	3,139	1,179	3,167	1,194	1909.....	30,243	8,815	29,804	8,592
1860.....	5,000	3,275	5,257	3,533	1910.....	30,917	9,319	30,510	9,196
1870.....	6,270	2,886	6,362	2,807	1911.....	32,457	10,218	32,299	10,138
1871-1875.....	8,462	2,997	8,514	2,994	1912.....	34,659	11,499	34,706	11,711
1876-1880.....	12,134	2,792	12,197	2,807	1913.....	37,978	12,060	37,560	13,586
1881-1885.....	13,604	2,931	13,781	2,917	1914.....	40,052	13,337	39,743	13,440
1886-1890.....	13,479	2,602	13,655	2,593	1915.....	35,032	11,678	35,458	11,427
1891-1895.....	16,301	2,816	16,965	2,876	1916.....	37,744	13,800	38,946	13,477
1896-1900.....	20,931	3,989	21,077	4,007	1917.....	36,521	13,951	38,094	13,983
1901-1905.....	24,551	5,939	24,633	5,918	1918.....	31,101	14,350	31,809	14,145
1906-1910.....	29,651	8,072	29,156	8,036	1918 (July-Dec.).....	16,113	8,916	16,112	9,360
1911-1915.....	36,035	11,879	35,954	12,061	1919.....	36,381	10,320	40,750	10,506
1915-1920 <sup>1</sup> .....	38,071	13,440	40,137	13,511	1920.....	51,532	12,572	54,981	12,837
1921-1925.....	52,959	13,334	53,578	13,075	1921.....	49,958	12,327	50,423	12,242
1926-1930.....	63,768	15,293	64,441	15,319	1922.....	51,701	13,490	51,799	13,040
1931-1935.....	54,928	10,462	55,214	10,351	1923.....	52,775	13,544	53,215	13,409
1910-1914.....	35,212	11,408	34,965	11,614	1924.....	54,726	13,565	55,294	13,616
1914-1920 <sup>2</sup> .....	37,604	13,169	39,417	13,190	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	4,029	23,618	4,663	1932.....	55,229	9,607	54,900	9,547
1901.....	24,791	4,977	24,889	4,931	1933.....	51,564	9,372	52,083	9,204
1902.....	24,361	6,293	24,242	6,202	1934.....	53,132	10,655	53,162	10,541
1903.....	24,698	6,396	24,823	6,493	1935.....	54,289	10,324	54,722	10,165
1904.....	24,111	5,841	24,192	5,824	1936.....	55,038	10,934	55,381	10,080
1905.....	24,793	6,190	25,020	6,138	1937.....	59,980	11,580	61,177	11,704
1906.....	27,401	6,754	26,970	6,314	1938.....	59,223	11,293	60,064	11,222
1907.....	26,248	7,374	28,499	7,491	1939.....	57,973	11,019	59,218	11,088

<sup>1</sup> Year ended Sept. 30.

<sup>2</sup> Average for period July 1, 1914, to Dec. 31, 1920.

<sup>3</sup> Average for period July 1, 1915, to Dec. 31, 1920.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; thereafter, Treasury Department, Bureau of Customs; records.



No. 539.—VESSELS ENTERED IN FOREIGN TRADE—NET TONNAGE, BY CLASSES: 1881 to 1939

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 537]

Main data table showing yearly average or year from 1881-1890 to 1939. Columns include Number of vessels, all ports (Total, American, Foreign, Percent American) and SEAPORTS (All vessels, Sailing vessels, Steam vessels, With cargo, In ballast).

Continued data table showing SEAPORTS—continued and NORTHERN BORDER PORTS. Columns include American vessels (Total, With cargo), Foreign vessels (Total, With cargo), Percent American, Total, With cargo, American, and Foreign.

1 Average for period July 1, 1915, to Dec. 31, 1920. 2 Average for period July 1, 1914, to Dec. 31, 1920.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; thereafter, Treasury Department, Bureau of Customs; records.



No. 541.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—  
NET TONNAGE, BY COUNTRIES OF ORIGIN AND DESTINATION: 1914 TO 1939

NOTE.—In thousands of net tons. Only traffic by sea is included. The first column covers the period July 1, 1914, to Dec. 31, 1920; the others, calendar years. For definition of net tonnage see general note, p. 458

COUNTRY	1914- 1920, average	1921- 1925, average	1926- 1930, average	1931- 1935, average	1936	1937	1938	1939
<b>Total by sea:</b>								
Entered.....	37,604	52,959	63,768	54,928	55,038	59,980	59,223	57,973
Cleared.....	36,417	53,578	64,441	55,214	55,381	61,177	60,064	59,210
<b>Belgium:</b>								
Entered.....	392	1,231	1,560	1,068	1,172	1,270	1,177	1,079
Cleared.....	452	1,190	1,280	1,013	1,101	1,106	1,074	903
<b>Denmark:</b>								
Entered.....	373	372	532	451	250	270	323	294
Cleared.....	498	450	686	402	138	131	224	249
<b>France:</b>								
Entered.....	2,251	1,953	2,321	2,027	2,099	2,506	2,708	2,347
Cleared.....	3,345	2,250	2,475	2,582	2,404	2,952	3,094	2,526
<b>Germany:</b>								
Entered.....	290	2,098	3,813	3,806	3,310	3,718	3,591	2,029
Cleared.....	298	3,105	3,714	3,235	2,901	2,969	3,068	1,659
<b>Italy:</b>								
Entered.....	2,171	1,707	2,101	1,909	1,590	1,900	1,840	1,805
Cleared.....	2,439	1,986	2,023	1,809	1,372	1,399	1,948	1,937
<b>Netherlands:</b>								
Entered.....	1,201	1,654	2,081	1,389	1,418	2,074	2,553	2,534
Cleared.....	1,459	1,464	1,499	1,050	1,056	1,503	1,933	1,949
<b>Norway:</b>								
Entered.....	521	384	360	370	491	405	641	841
Cleared.....	830	412	361	260	303	331	430	543
<b>Spain:</b>								
Entered.....	838	608	850	674	587	341	254	-----
Cleared.....	490	463	612	597	408	113	138	-----
<b>Sweden:</b>								
Entered.....	240	504	681	695	891	957	1,046	1,026
Cleared.....	440	353	498	412	572	636	796	858
<b>United Kingdom:</b>								
Entered.....	8,765	9,378	10,014	6,087	5,936	6,589	7,023	6,589
Cleared.....	8,164	8,647	10,577	6,147	5,726	6,226	6,378	5,698
<b>Canada:</b>								
Atlantic coast—								
Entered.....	1,092	1,201	1,607	2,285	2,181	2,365	1,822	1,935
Cleared.....	1,007	1,331	1,709	2,267	2,426	2,641	2,312	2,468
British Columbia, Yukon—								
Entered.....	3,117	4,571	6,619	6,682	5,939	5,487	5,871	11,902
Cleared.....	3,094	4,573	6,556	6,878	6,304	6,085	6,334	12,005
<b>Central America:<sup>1</sup></b>								
Entered.....	1,535	1,734	2,391	2,368	2,459	2,349	2,616	3,046
Cleared.....	1,610	1,640	2,692	2,801	2,956	3,351	3,513	4,337
<b>Mexico:</b>								
Entered.....	3,788	3,160	2,840	1,548	2,227	2,131	1,739	1,709
Cleared.....	3,727	3,301	2,892	1,755	2,392	2,347	1,846	1,082
<b>British West Indies, Bermu- das, and British Honduras:</b>								
Entered.....	504	1,351	1,975	3,210	2,775	3,073	3,348	3,081
Cleared.....	642	1,435	2,216	3,400	3,141	3,008	3,920	3,635
<b>Cuba:</b>								
Entered.....	3,450	4,769	5,875	5,435	5,229	5,052	4,708	4,842
Cleared.....	3,560	4,659	5,832	5,292	5,188	5,538	4,368	4,026
<b>Dominican Republic:</b>								
Entered.....	345	380	713	688	598	535	451	425
Cleared.....	404	449	920	903	696	658	543	492
<b>Haiti:</b>								
Entered.....	108	105	220	176	113	349	251	231
Cleared.....	186	230	204	188	189	209	225	252
<b>Argentina:</b>								
Entered.....	633	1,006	966	499	333	1,145	664	771
Cleared.....	762	767	997	358	498	458	451	611
<b>Brazil:</b>								
Entered.....	550	552	918	803	708	426	512	861
Cleared.....	841	918	1,252	924	1,083	1,154	1,158	1,234
<b>Chile:</b>								
Entered.....	853	975	1,387	545	840	965	1,045	1,041
Cleared.....	797	793	1,058	507	675	656	698	603
<b>Colombia:</b>								
Entered.....	231	144	958	1,056	663	678	526	611
Cleared.....	213	228	966	1,015	1,104	1,048	1,053	1,001
<b>British India, British Malaya, and Ceylon:</b>								
Entered.....	347	576	833	704	707	698	591	631
Cleared.....	204	330	428	280	273	264	255	281

<sup>1</sup> Not including British Honduras.

No. 541.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—  
NET TONNAGE, BY COUNTRIES OF ORIGIN AND DESTINATION: 1914 TO 1939—  
Continued

COUNTRY	1914-1920, average	1921-1925, average	1926-1930, average	1931-1935, average	1936	1937	1938	1939
China, Hong Kong, and Kwantung:								
Entered.....	519	659	1,044	827	797	921	553	949
Cleared.....	479	963	894	562	228	416	263	379
Japan:								
Entered.....	733	1,607	2,320	2,160	2,851	3,050	2,881	2,013
Cleared.....	796	2,106	3,284	3,315	4,374	5,460	4,441	4,839
Philippine Islands:								
Entered.....	132	408	611	1,012	984	1,079	1,048	966
Cleared.....	124	369	603	466	541	494	624	779
Oceania:								
Entered.....	379	509	981	778	854	763	706	585
Cleared.....	567	946	1,396	831	779	752	766	660
All other countries:								
Entered.....	2,094	3,165	6,049	5,677	6,736	8,144	8,061	2,913
Cleared.....	1,938	3,149	6,013	5,388	6,173	8,033	8,181	2,900

No. 542.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—  
NET TONNAGE, BY NATIONALITY OF VESSEL: 1914 TO 1939

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 539 and 540 in which the columns for northern border represent trade with Quebec and Ontario. For periods covered see note, table 541

	1914-1920, average	1921-1925, average	1926-1930, average	1931-1935, average	1936	1937	1938	1939
Total by sea:								
Entered.....	37,604	52,959	63,768	54,923	55,038	59,980	59,223	57,973
Cleared.....	39,417	53,578	64,441	55,214	55,381	61,177	60,064	59,219
American:								
Entered.....	13,327	22,526	23,182	19,855	17,510	16,747	16,899	14,553
Cleared.....	14,171	22,556	23,338	19,653	16,967	17,134	15,742	14,903
Total foreign:								
Entered.....	24,276	30,433	40,586	35,074	37,528	43,233	43,324	43,420
Cleared.....	25,245	31,022	41,102	35,561	38,414	44,043	44,322	44,315
Belgian:								
Entered.....	269	332	374	274	246	302	292	372
Cleared.....	283	343	370	269	245	298	289	371
British:								
Entered.....	14,168	16,807	20,189	15,270	15,030	17,104	16,460	15,129
Cleared.....	14,755	17,064	20,291	15,373	15,210	17,170	16,466	15,159
Danish:								
Entered.....	774	929	1,136	917	1,007	1,030	1,357	1,402
Cleared.....	795	928	1,168	902	1,047	1,019	1,341	1,515
Dutch:								
Entered.....	1,007	1,300	1,798	1,634	1,884	2,177	2,511	3,123
Cleared.....	1,055	1,292	1,809	1,627	1,918	2,223	2,528	3,029
French:								
Entered.....	876	1,402	1,870	1,652	2,083	2,438	2,360	1,940
Cleared.....	919	1,518	1,905	1,694	2,094	2,407	2,369	1,922
German:								
Entered.....	107	847	2,654	3,260	3,299	3,507	3,543	2,089
Cleared.....	79	870	2,736	3,280	3,366	3,000	3,577	2,141
Italian:								
Entered.....	1,211	1,490	2,175	1,798	1,405	2,126	2,047	1,957
Cleared.....	1,366	1,569	2,150	1,800	1,421	2,118	2,116	1,982
Japanese:								
Entered.....	1,099	2,069	2,618	2,473	2,676	2,804	2,852	3,419
Cleared.....	1,046	2,235	2,741	2,682	3,035	3,272	3,183	3,866
Norwegian:								
Entered.....	2,744	2,817	4,026	4,072	5,619	7,018	7,370	7,719
Cleared.....	2,822	2,784	4,136	4,178	5,786	7,155	7,549	7,938
Spanish:								
Entered.....	606	480	571	459	410	41	-----	98
Cleared.....	637	487	586	457	407	44	-----	106
Swedish:								
Entered.....	353	564	985	1,013	1,164	1,171	1,275	1,410
Cleared.....	367	566	1,005	1,017	1,157	1,192	1,309	1,453
All other foreign:								
Entered.....	1,062	1,317	2,190	2,262	2,735	3,515	3,257	4,762
Cleared.....	1,122	1,366	2,206	2,281	2,744	4,145	3,595	4,833

Source of tables 541 and 542: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; thereafter, Treasury Department, Bureau of Customs; records.





## 22. FOREIGN COMMERCE OF THE UNITED STATES

GENERAL NOTE.—All statistics in this section, except table 546 and the figures for recent years in table 574, are compiled by the Department of Commerce, Bureau of Foreign and Domestic Commerce. Statistics of United States foreign trade are published annually in Foreign Commerce and Navigation of the United States and are published currently in Monthly Summary of Foreign Commerce of the United States and in mimeographed statements. Except as noted (as, for example, in table 572) the values stated are in United States dollars without reference to changes in the gold content of the dollar. (The statutory price of gold—\$20.67 per ounce—in effect prior to Jan. 31, 1934, was changed on that date by Executive Order to \$35 per ounce. Between Mar. 10, 1933, and Jan. 31, 1934, the foreign exchange value of the dollar was permitted to depreciate as a result of restriction placed on gold shipments to foreign countries.) The geographic area covered by these statistics, except as noted, is the United States customs area, which includes Alaska, Hawaii, and Puerto Rico, and, beginning Jan. 1, 1935, the Virgin Islands (see headnote, table 545). Other explanations of the trade tables are given in the introduction to the annual report, Foreign Commerce and Navigation of the United States.

### No. 544.—FOREIGN TRADE OF THE UNITED STATES—SUMMARY: 1921 TO 1939

NOTE.—Values in thousands of dollars. Data are for calendar years

	1921-1925, average	1926-1930, average	1931-1935, average	1936	1937	1938	1939
<b>Merchandise:</b>							
Exports.....	4,397,027	4,777,314	2,025,195	2,455,978	3,349,167	3,094,440	3,177,176
United States merchandise.....	4,310,221	4,687,788	1,988,014	2,418,900	3,298,929	3,057,169	3,123,343
Reexports of foreign merchandise.....	86,806	89,526	36,281	37,009	50,238	37,271	53,834
General imports.....	3,450,103	4,033,469	1,713,102	2,422,592	3,083,668	1,960,428	2,318,081
Excess of exports.....	946,924	743,845	312,093	33,386	265,499	1,134,012	859,095
<b>Gold:</b>							
Exports.....	82,739	222,094	339,539	27,534	46,020	5,899	508
Imports.....	347,425	255,528	819,266	1,144,117	1,631,523	1,979,459	3,574,659
Excess of exports (+) or imports (-).....	-264,686	-33,434	-479,717	-1,116,584	-1,585,503	-1,973,560	-3,574,151
<b>Silver:</b>							
Exports.....	79,174	78,568	18,946	<sup>1</sup> 11,965	12,042	7,082	14,650
Imports.....	69,409	59,898	113,159	182,816	91,877	230,531	85,307
Excess of exports (+) or imports (-).....	+9,765	+18,668	-94,213	<sup>1</sup> -170,851	-79,835	-223,449	-70,677
Excess of exports (+) or imports (-) of merchandise, gold and silver.....	+692,003	+729,078	-261,838	<sup>1</sup> -1,254,049	-1,399,839	-1,063,006	-2,785,733
Imports of merchandise for consumption.....	3,422,748	4,020,360	1,704,294	2,423,977	3,009,852	1,949,824	2,276,099
Entered for immediate consumption.....	3,050,279	3,602,947	1,496,613	2,094,987	2,613,867	1,666,281	1,918,359
Withdrawn from warehouse.....	372,469	417,403	207,681	328,990	395,985	283,543	357,740
Free.....	2,088,932	2,645,610	1,075,535	<sup>1</sup> 1,384,937	1,765,248	1,182,696	1,397,280
Dutiable.....	1,333,816	1,374,740	628,709	<sup>1</sup> 1,039,040	1,244,605	766,929	878,819
Percent free.....	61.03	65.81	63.11	57.13	58.65	60.66	61.39
Duties calculated.....	478,911	550,743	314,477	408,127	470,509	301,375	328,034
Ratio of duties to total imports for consumption, percent.....	13.99	13.70	18.45	16.84	15.63	15.46	14.41
Ratio to dutiable imports.....	35.90	40.06	60.02	39.28	37.80	39.30	37.33
Entered for warehouse.....	399,824	430,521	216,488	327,604	469,801	294,147	399,722

<sup>1</sup> Revised.

Source: See general note.

**No. 545.—MERCHANDISE TRADE OF CONTINENTAL UNITED STATES WITH FOREIGN COUNTRIES AND OUTLYING TERRITORIES AND POSSESSIONS: 1903 TO 1939**

**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 "statistical customs area," which includes continental United States, Alaska, Hawaii, and Puerto Rico, and, beginning Jan. 1, 1935, Virgin Islands, with all foreign countries, including the Philippine and, prior to 1935, Virgin Islands. The data do not cover trade between continental United States and the territories included in the customs area as given above. (2) The present table takes continental United States as the basis. In the totals, trade between it and all United States territories and possessions is included, while the trade between that part of the customs area outside of continental United States and foreign countries is excluded. Practically all other nations calculate their foreign trade in the manner followed in the present table; that is, totaling the trade of the home country with foreign countries and with all outlying areas. Prior to 1901 Alaska was our only outlying area. Therefore, our foreign trade statistics for 1900 and earlier years very nearly represent the trade of continental United States with foreign countries. Data are for years ended June 30 through 1918; thereafter, for years ended Dec. 31

[All figures in thousands of dollars]

YEARLY AVERAGE OR YEAR	EXPORTS <sup>1</sup>			IMPORTS		
	Total	To foreign countries	To U. S. territories and possessions	Total	From foreign countries	From U. S. territories and possessions
1903-1905.....	1,495,616	1,456,132	39,484	1,090,764	1,020,341	64,423
1906-1910.....	1,829,286	1,761,625	67,661	1,410,320	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 <sup>2</sup> .....	6,056,126	6,452,539	203,587	3,696,084	3,274,466	321,588
1921-1925.....	4,552,455	4,335,341	217,114	3,650,280	3,351,378	298,902
1926-1930.....	4,961,004	4,694,505	267,498	4,270,498	3,896,506	373,992
1931-1935.....	2,172,765	1,973,634	199,131	1,913,075	1,610,686	302,389
1928.....	5,311,007	5,088,693	272,314	3,349,314	3,051,050	328,264
1929.....	5,426,609	5,147,086	279,523	4,625,154	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	1,497,864	1,220,293	268,071
1933.....	1,802,240	1,626,845	175,401	1,639,694	1,344,933	294,761
1934.....	2,281,695	2,080,990	200,705	1,863,045	1,554,327	308,718
1935.....	2,462,613	2,226,918	235,697	2,258,087	1,937,537	320,550
1936.....	2,606,015	2,391,823	274,192	2,698,581	2,306,102	392,479
1937.....	3,584,892	3,259,423	325,469	3,360,349	2,938,175	422,174
1938.....	3,317,903	3,004,131	313,772	2,181,871	1,849,002	331,969
1939.....	3,400,213	3,073,610	338,594	2,549,199	2,211,884	337,315

<sup>1</sup> Including reexports of foreign merchandise.

<sup>2</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: See general note, p. 483.

**No. 546.—GOLD <sup>1</sup> UNDER EARMARK FOR FOREIGN ACCOUNT IN THE UNITED STATES: 1926 TO 1939**

**NOTE.**—All figures in thousands of dollars at rate of \$20.67 a fine ounce through January 1934 and at \$35 a fine ounce thereafter. Gold under earmark is gold placed by a bank in the custody of its foreign correspondent but segregated and marked so as to indicate that the identical coins or bars earmarked are the bank's property and altogether subject to its disposal

YEAR	Increase or decrease during year of gold under earmark <sup>1</sup>	MONTH	AMOUNT UNDER EARMARK AT END OF MONTH					
			1934	1935	1936	1937	1938	1939
1926.....	+26,297	January.....	46,874	7,886	10,546	143,019	296,325	614,481
1927.....	+100,153	February.....	10,709	7,649	20,052	161,019	314,415	663,034
1928.....	-119,522	March.....	11,546	8,310	19,083	151,418	315,030	652,314
1929.....	+55,268	April.....	12,679	10,611	19,238	144,201	316,229	797,156
1930.....	+2,400	May.....	12,190	12,147	22,486	118,005	370,175	1,013,735
1931.....	+320,836	June.....	11,204	11,149	47,207	133,870	385,666	1,123,582
1932.....	-84,840							
1933.....	-14,615	July.....	10,616	11,572	44,974	169,414	406,608	1,287,543
1934 <sup>2</sup> .....	-82,552	August.....	11,671	9,776	56,910	174,702	435,393	1,135,418
1935.....	-215	September.....	9,252	8,761	85,724	165,369	448,648	1,132,582
1936.....	+85,888	October.....	8,993	10,624	96,978	173,405	558,825	1,053,066
1937.....	+200,441	November.....	9,077	10,651	94,022	193,550	566,200	982,193
1938.....	+333,456	December.....	9,017	8,801	94,689	295,130	628,587	1,163,004
1939.....	+534,417							

<sup>1</sup> Gold bullion (bars) and United States gold coin.

<sup>2</sup> Increase is the equivalent of net export and decrease the equivalent of net import. The reverse is true of changes in gold earmarked abroad for account of Federal Reserve banks, which were as follows: In 1932, an increase of \$72,638,000, equivalent to a net import; and in 1933, a decrease of \$72,638,000.

<sup>3</sup> Net release of gold from earmark during January at rate of \$20.67 a fine ounce, \$12,206,000; net release during remaining 11 months at rate of \$35 a fine ounce, \$70,347,000.

Source: Board of Governors of the Federal Reserve System, records.

NO. 547.—BALANCE OF INTERNATIONAL PAYMENTS OF THE UNITED STATES:  
1938 AND 1939

[In millions of dollars]

ITEM	1938 (REVISED)			1939		
	Receipts from foreigners for "exports" (credits)	Payments to foreigners for "imports" (debits)	Net credits (+) or debits (-)	Receipts from foreigners for "exports" (credits)	Payments to foreigners for "imports" (debits)	Net credits (+) or debits (-)
<b>Trade and service items:</b>						
Merchandise.....	3,094	1,900	+1,194	3,177	2,318	+859
Merchandise adjustments <sup>1</sup> .....	61	43	-18	64	44	+20
Freight and shipping.....	118	164	-46	125	249	-124
Travel expenditures.....	166	532	-366	170	469	-299
Personal remittances.....	40	152	-112	45	144	-99
Institutional contributions.....		38	-38		43	-43
Interest and dividends.....	549	196	+353	531	211	+320
Government transactions <sup>2</sup> .....	34	98	-64	32	96	-64
Miscellaneous services.....	189	67	+122	147	59	+88
<b>Total trade and service items.....</b>	<b>4,261</b>	<b>3,250</b>	<b>+1,001</b>	<b>4,261</b>	<b>3,633</b>	<b>+628</b>
<b>Gold and silver:</b>						
Gold exports and imports.....	6	1,979	-1,973	1	3,575	-3,574
Gold earmarking operations (net).....			+333			+334
Gold movements (net).....			-1,640			-3,040
Silver exports and imports.....	7	231	-224	14	85	-71
<b>Total gold and silver movements (net).....</b>			<b>-1,864</b>			<b>-3,111</b>
<b>Capital items:<sup>3</sup></b>						
Long-term capital movements <sup>4</sup> .....	1,724	1,701	+23	1,624	1,510	+114
Movement of short-term banking funds (net) <sup>5</sup> .....			+205			+1,116
Miscellaneous capital items (net).....			-3			+69
Paper currency movements (net).....			+16			+117
<b>Total capital items (net).....</b>			<b>+331</b>			<b>+1,416</b>
<b>Other transactions and residual.....</b>			<b>+532</b>			<b>+1,037</b>

<sup>1</sup> The item consists roughly of 3 parts: (1) Commodity exports and imports which are omitted entirely from the official trade figures (e. g., bunker-fuel purchases and sales); (2) exports or imports which are partly omitted from official trade data (e. g., goods smuggled into the country); (3) corrections of certain recorded trade figures for balance-of-payments purposes (e. g., allowances for bad-debt losses).

<sup>2</sup> Including receipts on account of inter-governmental debts.

<sup>3</sup> Capital items are viewed as "exports" and "imports" of evidences of indebtedness.

<sup>4</sup> The item covers the movement of funds in security transactions as reported by the Treasury Department (net inflow of \$76,000,000 in 1938 and net outflow of \$2,000,000 in 1939) and other transactions, the more important of which affected direct investments.

<sup>5</sup> The item covers the net movement of capital in short-term banking funds and in brokerage balances as reported by the Treasury Department (\$293,000,000 in 1938 and \$1,116,000,000 in 1939) and the net change in Philippine Government accounts with the United States Treasury.

Source: See general note, p. 483. Figures published in special report.

## NO. 548.—EXPORTS AND IMPORTS OF GOLD, BY MONTHS: 1934 TO 1939

[All figures in thousands of dollars]

MONTH	1934		1935		1936		1937		1938		1939	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
January.....	4,715	1,947	369	149,755	338	45,681	11	121,330	5,067	7,155	81	156,427
February.....	51,452	622	46	122,817	23,637	7,002		120,326	174	8,211	15	223,296
March.....	44,237	350	540	13,543	2,815	7,705	89	154,371	20	52,047	53	365,436
April.....	37	54,785	62	148,670	51	28,106		13,215,825	145	71,236	231	606,027
May.....	1,780	35,362	49	140,065		5169,957		4,155,366	212	52,687	30	429,440
June.....	6,586	70,291	169	230,538	77	277,851		81,262,103	131	55,438	19	240,450
July.....	114	52,460	59	16,287	695	16,074	206	175,624	65	63,880	0	278,045
August.....	14,556	51,781	102	46,085	32	67,524	169	105,013	17	165,990	13	259,934
September.....	22,255	3,585	86	156,805	42	171,896	129	145,623	11	620,907	15	326,089
October.....	2,173	13,010	76	315,424	117	218,929	232	90,700	16	562,382	15	69,740
November.....	310	121,199	242	210,810	127	75,962	30,084	52,194	14	177,782	10	167,991
December.....	140	92,249	170	190,180	99	57,070	15,052	33,083	16	240,542	11	451,183

Source: See general note, p. 483.

## NO. 549.—EXPORTS AND IMPORTS OF SILVER, BY MONTHS: 1934 TO 1939

[All figures in thousands of dollars]

MONTH	1934		1935		1936		1937		1938		1939	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January.....	850	3,693	1,248	19,085	1,753	58,483	2,112	2,846	355	28,708	1,671	10,328
February.....	734	2,128	1,661	16,351	1,341	17,533	1,811	14,080	233	15,488	2,054	9,927
March.....	605	1,823	3,128	20,842	2,337	8,115	1,546	5,589	191	14,440	1,923	7,207
April.....	1,425	1,955	1,593	11,002	535	4,490	1,668	2,821	250	15,767	2,054	7,143
May.....	1,638	4,435	2,885	13,501	203	4,989	1,841	3,165	317	17,952	611	6,152
June.....	2,404	5,431	1,717	10,444	197	23,981	1,144	6,025	254	19,186	303	14,770
July.....	1,789	2,458	1,547	30,230	138	6,574	214	4,476	193	18,326	640	5,531
August.....	1,741	21,926	2,009	30,820	143	16,637	278	4,964	401	4,085	937	4,365
September.....	1,424	20,831	1,472	45,689	1,704	8,363	286	8,427	1,463	24,098	1,202	4,639
October.....	1,162	14,426	260	48,898	1,468	26,931	380	5,701	1,259	25,072	1,773	7,268
November.....	1,698	15,011	512	60,065	1,611	4,461	527	10,633	823	24,987	487	4,183
December.....	1,014	8,711	769	47,603	536	2,267	236	23,151	1,344	21,538	887	3,795

¹ Revised.

## NO. 550.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY MONTHS: 1935 TO 1940

[All figures in millions and tenths of millions of dollars. For monthly data for earlier years see the 1938 and earlier editions of the Statistical Abstract]

MONTH	1935		1936		1937		1938		1939		1940	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January.....	176.2	166.8	198.6	187.5	222.7	240.4	289.1	170.7	212.9	178.2	369.7	242.0
February.....	183.0	152.5	182.0	192.8	233.1	277.7	261.9	163.0	218.7	158.1	347.0	199.9
March.....	185.0	177.4	195.1	198.7	256.6	307.5	275.3	173.4	207.8	190.5	351.3	216.8
April.....	164.2	170.5	192.8	202.8	208.9	286.8	274.6	159.8	231.0	186.3	324.0	212.4
May.....	165.5	170.5	200.8	191.7	289.9	284.7	257.3	148.2	249.5	202.5	325.4	211.3
June.....	170.2	156.8	185.7	191.1	265.3	286.2	232.7	145.9	236.2	178.9	350.2	211.4
July.....	173.2	176.6	180.4	195.1	268.2	265.2	227.5	140.8	229.6	168.0	317.0	232.3
August.....	172.1	169.0	179.0	193.1	277.0	245.7	230.8	165.5	250.1	175.6	-----	-----
September.....	198.8	161.6	220.5	215.7	296.6	233.1	246.3	167.6	289.0	181.5	-----	-----
October.....	221.3	189.4	226.9	212.7	332.7	224.3	277.7	178.0	332.0	215.3	-----	-----
November.....	269.8	169.4	226.4	196.4	314.7	223.1	252.4	176.2	292.5	235.5	-----	-----
December.....	228.5	187.0	229.8	245.2	323.4	208.8	268.9	171.3	308.0	246.8	-----	-----

## NO. 551.—EXPORTABLE GOODS, PRODUCTION AND PROPORTION EXPORTED: 1909 TO 1937

NOTE.—Agricultural production 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	Manu-factures	Mining	Freight receipts (railroad)	Total	Exports, U. S. merchandise	Percent of total
1909.....	6,238	8,192	1,238	1,801	17,469	1,701	9.7
1919.....	16,935	23,770	3,158	3,625	47,488	7,750	16.3
1921.....	8,927	17,303	2,900	4,004	33,134	4,379	13.2
1923.....	11,041	24,630	4,300	4,712	44,683	4,091	9.2
1925.....	12,800	25,732	4,100	4,648	47,280	4,819	10.2
1927.....	12,437	26,426	4,000	4,729	47,592	4,759	10.0
1929.....	12,791	30,737	4,130	4,899	52,557	5,157	9.8
1931.....	7,397	18,601	2,200	3,302	31,500	2,378	7.5
1933.....	6,273	14,008	1,800	2,529	24,610	1,647	6.7
1935.....	8,115	18,558	2,600	2,831	32,099	2,243	7.0
1937 <sup>1</sup> .....	10,181	25,174	3,800	3,428	42,583	3,200	7.7

¹ Mean of preceding and following fiscal year.

² Latest year for which complete production data are available. The estimated proportion exported in 1938 was 9 percent and in 1939, 8 percent.

Source of tables 549, 550, and 551: See general note, p. 483.



No. 553.—EXPORTS AND IMPORTS OF GOLD, SILVER, AND OF MERCHANDISE, GOLD, AND SILVER COMBINED: 1821 TO 1939

NOTE.—All figures in thousands of dollars (for basis of dollar values, see general note, p. 488). As to periods covered see headnote, table 552. Figures for gold and silver relate to coin and bullion only prior to 1895; subsequently they include ore also

Table with columns: YEARLY AVERAGE OR YEAR, GOLD (Exports, Imports, Excess of exports), SILVER (Exports, Imports, Excess of exports), TOTAL MERCHANDISE, GOLD AND SILVER (Exports, Imports, Excess of exports). Rows list years from 1821-1830 to 1939.

1 Data shown under silver are for gold and silver. 2 These were not shown separately prior to 1826. 3 Period beginning Oct. 1, 1841, and ending June 30, 1850. 4 Period July 1, 1915, to Dec. 31, 1902. 5 Revised.

Source: See general note, p. 483.

















**No. 560.—EXPORTS OF UNITED STATES MERCHANDISE AND IMPORTS—INDEXES OF QUANTITY, UNIT VALUE (PRICE), AND TOTAL VALUE: 1913 TO 1939**

NOTE.—The quantity and unit value indexes have been constructed by the so-called "ideal formula," the essential feature of which is the use of the quantities of the several articles as weighting factors of their unit values for each pair of years compared. About 265 commodities were included in the direct calculations for both exports and imports. It was then assumed that the prices of articles in each economic class not directly covered had moved in parallel with those of articles covered and their value, adjusted by the computed price index, was included in the aggregative totals from which the quantity index for each class was calculated. The index of quantity and unit value of total exports and imports was based on the aggregate of the adjusted totals of the classes. In constructing the indexes the data for 1919 were linked directly to 1913, and each subsequent year was compared with that preceding. The resulting year-to-year percentages were made into a series by the chain method

[1923-1925 average=100]

YEARLY AVERAGE OR YEAR	EXPORTS OF UNITED STATES MERCHANDISE											
	Total			Crude materials			Crude foodstuffs			Manufactured foodstuffs <sup>1</sup>		
	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value
1913	84	65	55	123	47	59	81	67	53	73	76	66
1921-1925	97	99	96	89	91	90	134	97	130	105	99	104
1926-1930	122	86	105	123	70	87	101	92	93	81	97	79
1931-1935	76	59	45	105	43	46	46	52	24	49	62	30
1929	132	87	115	113	76	86	94	89	84	87	96	84
1930	109	78	85	106	59	63	69	80	55	71	33	63
1931	80	60	53	107	40	43	71	55	30	62	63	43
1932	69	51	35	115	34	39	59	47	28	50	52	26
1933	69	54	37	113	39	45	32	46	15	40	55	27
1934	74	63	47	94	52	49	34	54	18	47	62	27
1935	78	65	50	97	53	52	33	56	18	37	72	20
1936	82	66	54	93	54	51	30	59	18	33	74	25
1937	105	70	74	103	53	55	51	64	32	39	79	31
1938	105	65	68	96	47	45	148	52	77	47	68	32
1939	110	64	70	86	46	40	79	44	34	55	63	35
YEARLY AVERAGE OR YEAR	EXPORTS OF UNITED STATES MERCHANDISE						IMPORTS <sup>2</sup>					
	Semimanufactures			Finished manufactures			Total			Crude materials		
	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value
1913	61	72	65	65	73	48	66	70	46	58	72	42
1921-1925	88	100	83	90	107	96	94	94	89	97	90	86
1926-1930	114	95	108	143	91	130	116	90	104	116	87	101
1931-1935	72	65	47	81	64	52	92	48	45	92	35	33
1929	119	100	119	174	89	155	131	87	113	133	80	108
1930	97	87	84	137	85	110	111	71	79	108	63	68
1931	73	71	52	100	68	68	98	55	54	102	43	44
1932	55	58	32	61	62	38	79	43	34	81	30	24
1933	64	60	39	64	59	38	86	43	37	91	31	25
1934	81	69	56	84	64	54	86	50	43	83	37	31
1935	83	68	57	93	65	61	106	50	53	100	40	30
1936	88	73	64	107	66	70	118	54	63	106	47	30
1937	125	89	111	143	69	90	131	60	79	119	56	68
1938	106	78	83	137	68	63	94	54	51	84	47	39
1939	129	78	101	151	67	102	103	55	59	99	51	51
YEARLY AVERAGE OR YEAR	IMPORTS <sup>2</sup>											
	Crude foodstuffs			Manufactured foodstuffs <sup>1</sup>			Semimanufactures			Finished manufactures		
	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value
1913	67	77	52	74	54	40	64	75	48	84	64	54
1921-1925	98	91	89	96	94	91	87	98	86	93	100	93
1926-1930	109	109	118	119	68	80	112	96	107	123	93	114
1931-1935	110	86	62	112	44	49	73	62	45	89	58	51
1929	112	113	126	137	63	86	127	98	125	141	61	129
1930	113	83	94	114	52	59	102	84	86	121	81	99
1931	109	65	71	97	46	45	79	67	52	103	69	71
1932	99	55	54	92	38	36	57	53	31	70	66	44
1933	100	50	50	102	40	41	73	57	41	79	63	44
1934	104	57	60	125	45	58	65	67	44	82	56	42
1935	140	54	76	137	49	68	87	67	58	97	55	53
1936	145	56	82	154	53	82	102	68	60	114	54	61
1937	145	67	97	172	54	94	118	76	90	130	66	73
1938	113	64	61	139	47	66	79	60	55	92	60	55
1939	128	63	68	144	46	67	100	60	60	98	59	59

<sup>1</sup> Includes beverages.<sup>2</sup> Based on general imports through 1933; on imports for consumption thereafter. The 1934 indexes were obtained by applying to the general import indexes the percentage changes in imports for consumption from 1933 to 1934.

Source: See general note, p. 483.





## No. 562.—EXPORTS OF UNITED STATES MERCHANDISE

NOTE.—All figures in thousands of dollars. For basis of dollar values, see general note, p. 483. Import footnotes. Figures cover years ended Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar years the United States. Owing to the special influence of the war on the character of our trade, averages for

YEAR BY AVERAGE OR YEAR	EXPORTS OF UNITED STATES MERCHANDISE					
	Total	Crude materials	Crude foodstuffs	Manu- factured foodstuffs <sup>1</sup>	Semi- manu- factures	Finished manu- factures
1821	51,684	31,332	2,475	10,085	4,807	2,925
1830	58,525	36,665	2,724	9,557	4,118	5,492
1840	111,661	75,735	4,565	15,936	4,841	10,584
1850	134,900	84,124	7,538	20,017	6,061	17,102
1851-1860	232,149	143,156	15,337	35,734	9,317	28,605
1861-1865	170,198	33,900	37,670	68,685	9,680	30,207
1866-1870	307,606	177,206	27,858	107,308	14,408	46,828
1871-1875	496,128	218,449	75,206	95,282	22,081	74,500
1876-1880	663,650	213,989	158,853	161,015	30,174	98,710
1881-1885	774,607	261,645	162,714	197,457	37,044	116,747
1886-1890	725,085	276,703	108,708	181,521	40,023	118,730
1891-1895	876,926	295,087	150,846	238,580	55,845	130,470
1896-1900	1,136,939	296,064	214,778	272,750	109,500	242,388
1901-1905	1,427,020	482,027	173,072	316,226	161,206	343,589
1906-1910	1,760,980	554,764	155,828	317,374	249,134	473,590
1911-1915	2,331,648	716,637	205,939	333,071	359,239	716,801
1915-1920 <sup>2</sup>	6,416,513	1,108,995	587,588	1,133,226	987,185	2,589,520
1921-1925	4,310,221	1,187,056	420,002	600,710	530,799	1,505,000
1926-1930	4,687,788	1,143,762	299,794	455,814	602,088	2,125,730
1931-1935 <sup>3</sup>	1,988,914	601,344	76,528	175,683	283,622	840,734
1910-1914	2,130,429	713,184	126,506	294,908	341,020	654,211
1915-1919 <sup>4</sup>	5,227,127	843,258	502,763	945,729	371,731	2,083,646
1897	1,032,008	304,291	181,421	235,052	98,284	212,959
1898	1,210,202	295,775	305,109	264,880	101,001	222,437
1899	1,203,931	285,887	232,903	304,755	117,730	265,657
1900	1,370,764	340,139	225,906	319,690	153,276	331,747
1901	1,400,463	411,377	245,836	337,153	148,851	317,746
1902	1,355,482	387,711	184,736	328,832	132,205	331,947
1903	1,392,232	415,543	185,308	323,245	140,667	327,409
1904	1,435,170	406,984	135,747	303,836	174,877	343,735
1905	1,491,745	478,518	118,185	283,085	200,020	402,050
1906	1,717,954	507,328	177,216	347,385	226,211	450,813
1907	1,853,718	600,540	167,348	348,707	259,442	480,681
1908	1,834,786	563,197	189,052	331,902	261,106	480,470
1909	1,638,356	528,891	135,694	302,655	231,144	440,272
1910	1,710,084	574,015	109,828	259,200	267,706	499,215
1911	2,018,549	720,611	103,402	282,107	309,152	598,368
1912	2,170,320	731,164	99,899	318,830	348,150	672,368
1913	2,428,506	740,290	181,907	321,204	408,807	776,207
1914	2,329,684	799,838	137,495	293,219	374,224	724,008
1915	2,716,178	591,282	506,993	454,875	355,862	807,460
1915 (6 mos.)	1,820,393	303,228	167,807	292,720	268,002	798,540
1916	5,422,042	815,693	421,284	648,039	912,262	2,625,366
1917	6,169,617	832,827	508,762	806,941	1,315,242	2,705,846
1918	6,047,875	972,107	547,436	1,408,820	1,053,270	2,060,242
1919	7,749,816	1,623,085	678,303	1,962,616	922,246	2,563,605
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	1,020,340
1922	3,765,091	958,456	468,611	587,987	437,730	1,292,301
1923	4,090,715	1,208,468	267,478	588,292	563,718	1,477,750
1924	4,407,649	1,332,746	302,601	573,492	610,668	1,688,052
1925	4,818,722	1,422,058	317,894	573,753	661,083	1,843,334
1926	4,711,721	1,261,325	335,063	503,005	655,547	1,050,781
1927	4,768,864	1,192,776	421,107	403,299	699,727	1,081,055
1928	5,030,009	1,293,267	294,677	466,811	716,363	2,260,022
1929	5,167,033	1,142,352	269,590	484,304	729,012	2,631,823
1930	3,781,172	820,098	178,533	362,650	512,802	1,898,089
1931	2,377,982	566,791	127,072	246,814	317,847	1,110,607
1932	1,379,151	513,689	89,419	152,118	196,727	624,223
1933	1,647,220	590,506	48,366	154,608	237,041	616,036
1934	2,100,135	652,752	59,032	187,677	341,837	873,839
1935	2,243,081	682,652	68,751	167,211	349,858	994,306
1936	2,418,909	668,167	58,144	143,798	394,700	1,150,400
1937	3,298,929	721,863	104,506	177,744	673,268	1,616,443
1938	3,057,169	594,298	248,986	184,124	500,768	1,523,603
1939	3,123,343	527,686	110,757	202,453	615,465	1,660,082

<sup>1</sup> Includes beverages.<sup>2</sup> Period July 1, 1916, to Dec. 31, 1920.<sup>3</sup> "General imports" through 1932; "imports for consumption" thereafter.

## AND IMPORTS, BY ECONOMIC CLASSES: 1821 TO 1939

data are "general imports" through 1933, "imports for consumption" thereafter, except as indicated in thereafter, except as noted. For articles covered by each class see Annual Commerce and Navigation of the fiscal years 1910-14 and 1915-19 are also shown

IMPORTS (SEE HEADNOTE)						YEARLY AVERAGE OR YEAR
Total	Crude materials	Crude foodstuffs	Manufactured foodstuffs <sup>1</sup>	Semimanufactures	Finished manufactures	
54,521	2,540	6,081	10,821	4,079	30,999	1821.
62,721	4,707	7,382	9,654	5,162	35,735	1830.
98,269	12,140	15,274	15,189	11,356	44,300	1840.
173,510	12,556	18,012	21,466	26,163	95,313	1850.
284,474	27,394	33,286	43,004	35,559	144,332	1851-1860.
255,439	35,004	36,504	44,613	34,744	105,514	1861-1865.
405,295	47,814	54,018	81,381	56,632	168,449	1866-1870.
577,873	98,182	81,602	115,960	78,300	208,769	1871-1875.
402,570	91,353	89,461	105,865	61,318	144,673	1876-1880.
667,142	138,268	99,376	127,732	91,625	215,141	1881-1885.
717,231	102,436	113,130	118,224	118,045	210,396	1886-1890.
785,137	185,222	146,510	140,726	112,833	190,846	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.
1,344,898	464,800	147,700	158,658	239,577	334,088	1906-1910.
1,712,319	597,701	219,035	215,144	297,476	382,963	1911-1915.
3,553,354	1,347,667	408,162	544,549	574,421	483,566	1916-1920. <sup>2</sup>
3,450,103	1,290,375	382,539	448,089	609,225	719,875	1921-1925.
4,053,469	1,454,123	506,010	598,310	762,034	882,385	1926-1930.
1,704,267	492,638	265,985	233,963	319,123	392,558	1931-1935. <sup>3</sup>
1,688,874	594,957	203,205	194,312	307,068	389,332	1910-1914.
2,514,567	1,039,366	312,059	355,305	433,647	364,180	1915-1919. <sup>4</sup>
764,730	200,771	128,380	129,245	88,490	217,844	1897.
610,050	193,060	103,955	86,091	79,289	153,625	1898.
697,148	218,297	95,933	123,448	91,954	169,516	1899.
849,941	281,640	97,916	133,028	184,222	203,126	1900.
823,172	264,164	110,385	125,541	127,577	205,505	1901.
905,321	308,618	120,280	95,350	147,656	231,421	1902.
1,023,719	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	395,820	146,131	145,356	177,828	252,372	1905.
1,226,562	423,789	134,315	140,358	220,209	307,801	1906.
1,454,421	487,728	149,748	158,656	274,096	364,193	1907.
1,194,342	373,889	145,578	147,009	193,248	331,618	1908.
1,311,920	460,901	164,111	165,701	222,102	299,106	1909.
1,556,947	577,743	144,777	181,666	285,138	367,723	1910.
1,527,226	524,817	181,195	172,006	287,780	361,422	1911.
1,653,265	573,048	230,358	196,101	293,739	360,610	1912.
1,818,008	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	591,402	223,930	285,725	237,170	335,877	1915.
912,787	378,446	130,398	113,441	143,752	146,750	1916 (6 mos.).
2,391,635	1,029,358	260,132	333,707	417,800	345,573	1916.
2,952,468	1,286,079	385,725	351,553	636,693	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	802,450	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	652,947	1922.
3,792,066	1,406,797	363,032	530,208	720,729	771,800	1923.
3,609,963	1,258,256	424,873	521,000	655,888	749,346	1924.
4,226,589	1,748,065	494,800	432,066	755,085	795,733	1925.
4,430,888	1,792,292	539,313	417,817	804,333	876,628	1926.
4,184,742	1,600,809	594,686	450,849	749,801	878,597	1927.
4,091,444	1,466,734	549,892	405,814	762,831	906,178	1928.
4,399,361	1,558,620	538,560	423,622	855,051	993,508	1929.
3,060,908	1,002,161	400,125	293,448	608,163	757,021	1930.
2,090,635	642,173	304,828	222,316	372,048	549,275	1931.
1,322,774	358,325	232,964	173,627	216,967	340,591	1932.
1,449,559	418,151	211,813	205,370	292,005	322,220	1933.
1,455,013	418,632	216,490	191,196	280,612	317,083	1933. <sup>4</sup>
1,638,003	460,617	254,314	263,547	307,302	350,223	1934.
2,038,905	582,443	322,327	318,828	409,690	405,617	1935.
2,423,977	732,965	348,682	380,240	490,238	465,852	1936.
3,009,852	971,061	413,312	440,056	634,174	551,250	1937.
1,949,624	570,449	290,117	310,539	384,964	417,555	1938.
2,276,099	744,860	290,839	313,336	480,766	440,267	1939.

<sup>1</sup> Fiscal years.<sup>2</sup> Imports for consumption; see headnote.

Source: See general note, p. 483.

NO. 563.—IMPORTS OF MERCHANDISE, FREE AND DUTIABLE,

NOTE.—All figures in thousands of dollars. For basis of dollar values, see general note, p. 483. Figures Data are "general imports" through 1933; "imports for consumption" beginning 1934. The percentage of the dutiable general imports are reported as reexported than of the free general imports. Moreover, 1933, carpet wool used for making carpets and, for 1922 to 1928, wheat imported for milling in bond for For adjusted figures see table 492 of the 1935 issue of the Statistical Abstract

Table with 10 columns: YEAR OR YEARLY AVERAGE, TOTAL (Free, Dutiable, Percent free), CRUDE MATERIALS (Free, Dutiable, Percent free), CRUDE FOODSTUFFS AND FOOD ANIMALS (Free, Dutiable, Percent free). Rows list years from 1921 to 1939.

1 Includes beverages,

2 Period July 1, 1915, to Dec. 31, 1920,

3 Fiscal years.



**No. 564.—FOREIGN TRADE WITH EACH CONTINENT, BY ECONOMIC CLASSES; 1921 to 1939**

NOTE.—Values in millions and tenths of millions of dollars. "Manufactured foodstuffs" includes beverages

	1921-1925			1930			1936			1939		
	average	average	average	1936	1937	1938	Total	Agric-ultural	Non-agric-ultural			
Exports, U. S. merchandise	4, 310.2	4, 687.8	1, 088.0	2, 419.0	3, 298.9	3, 067.2	3, 123.3	655.1	2, 468.3			
North America <sup>1</sup>	1, 093.3	1, 177.0	446.2	598.4	818.1	721.3	777.8	107.7	670.1			
Crude materials	165.9	176.6	95.1	123.0	145.7	117.7	130.0	24.2	105.8			
Crude foodstuffs	127.8	115.1	21.4	23.6	38.0	70.1	84.8	34.3	3			
Manufactured foodstuffs	112.7	100.2	33.7	34.4	46.0	44.4	49.3	45.0	5.4			
Semimanufactures	122.6	161.8	66.4	85.1	129.9	99.0	119.7	1.9	117.8			
Finished manufactures	500.3	623.3	228.6	332.3	458.7	383.9	444.0	1.4	442.5			
South America	294.1	445.4	140.1	302.6	318.4	298.1	328.5	19.5	307.1			
Crude materials	7.9	7.1	3.4	4.9	7.2	7.6	10.2	3.9	6.4			
Crude foodstuffs	4.0	7.8	4.3	1.4	3.8	2.7	2.5	2.5	(?)			
Manufactured foodstuffs	21.9	29.3	6.5	6.1	9.3	10.3	13.7	12.3	1.4			
Semimanufactures	46.1	65.8	22.0	28.0	45.1	34.8	53.5	.5	53.2			
Finished manufactures	214.3	335.4	104.0	162.2	251.1	243.3	249.5	.5	249.0			
Europe <sup>2</sup>	2, 270.5	2, 208.6	944.2	1, 093.2	1, 337.9	1, 311.4	1, 255.0	411.4	843.6			
Crude materials	373.5	173.1	352.2	402.5	441.7	340.8	275.9	232.0	43.9			
Crude foodstuffs	270.4	774.5	44.5	50.6	67.0	160.2	67.4	60.7	7			
Manufactured foodstuffs	419.0	270.9	116.5	86.2	89.2	107.8	113.9	105.8	8.0			
Semimanufactures	263.7	318.7	134.5	176.5	238.1	228.0	264.8	2.5	262.3			
Finished manufactures	446.3	673.4	290.4	333.5	451.0	461.7	543.2	4.5	533.7			
Asia <sup>3</sup>	4 637.7	4 672.7	348.5	397.6	579.2	514.9	660.0	98.7	491.4			
Crude materials	4 135.0	4 172.3	143.8	125.8	114.4	109.5	99.4	74.1	26.3			
Crude foodstuffs	4 13.9	4 11.2	5.8	2.7	3.0	3.1	6.0	5.0	(?)			
Manufactured foodstuffs	4 96.7	4 37.7	14.4	11.0	15.3	15.4	20.3	17.9	2.4			
Semimanufactures	4 96.4	4 89.7	54.3	67.0	87.0	119.8	151.0	1.2	151.4			
Finished manufactures	4 355.6	4 261.9	130.2	171.1	265.7	267.1	283.8	1.5	282.2			
Oceania	178.8	178.8	48.6	78.9	98.7	98.8	99.4	11.6	67.7			
Crude materials	0.3	0.3	0.0	0.0	0.8	0.8	7.9	8.8	0.0			
Crude foodstuffs	7.7	7.3	3.3	3.3	4.4	2.4	3.2	3.3	(?)			
Manufactured foodstuffs	4.6	4.6	1.6	2.1	2.4	2.7	2.2	2.0	3			
Semimanufactures	10.0	6.0	6.0	8.1	11.5	11.2	11.4	.1	11.3			
Finished manufactures	143.2	36.5	59.4	74.6	69.3	55.8	6.3	.3	55.5			
Africa	89.8	109.4	62.2	113.2	161.9	118.1	114.8	6.3	108.5			
Crude materials	6.4	5.4	2.5	2.9	3.1	3.3	2.7	2.6	3.2			
Crude foodstuffs	1.7	.6	3	.5	0	0	2	2.7	(?)			
Manufactured foodstuffs	0.3	7.1	3.0	4.1	5.0	3.5	3.1	2.7	.4			
Semimanufactures	5.7	7.6	5.3	10.1	16.0	13.0	14.5	1.1	14.5			
Finished manufactures	49.0	88.0	51.1	95.6	125.5	97.6	93.8	.3	93.4			
Imports	3, 450.1	4, 033.5	1, 707.6	2, 424.0	3, 009.9	1, 949.6	2, 278.1	1, 117.8	1, 158.3			
North America	910.9	940.2	413.3	619.7	679.6	678.9	568.0	213.2	354.8			
Crude materials	206.0	180.2	52.8	73.2	83.7	67.0	70.5	24.3	56.2			
Crude foodstuffs	113.4	144.5	76.0	142.5	129.4	78.8	100.0	89.5	10.5			
Manufactured foodstuffs	292.3	202.8	84.4	163.8	170.0	110.4	112.1	98.6	13.4			
Semimanufactures	142.4	184.1	77.9	114.4	142.1	97.4	132.5	.4	132.1			
Finished manufactures	156.8	228.0	122.2	125.8	154.4	125.4	141.9	.4	141.5			
South America	421.3	645.8	243.2	280.5	411.7	263.0	300.7	220.3	80.4			
Crude materials	131.6	170.6	65.4	101.6	140.2	79.7	111.0	72.4	35.6			
Crude foodstuffs	107.7	272.0	141.0	142.1	197.0	132.2	130.8	130.8	(?)			
Manufactured foodstuffs	8.7	13.1	7.1	14.7	18.6	13.7	13.7	13.0	.1			
Semimanufactures	78.1	84.6	25.8	30.2	52.7	35.1	42.1	3.1	30.0			
Finished manufactures	5.3	5.0	3.3	1.0	2.4	2.3	3.1	.4	2.7			
Europe	1, 049.5	1, 210.5	612.7	719.3	820.8	668.1	611.3	119.4	494.9			
Crude materials	253.9	256.6	94.7	142.7	148.1	90.3	92.8	45.4	47.3			
Crude foodstuffs	27.7	34.1	15.9	20.7	14.9	7.9	7.1	6.9	3			
Manufactured foodstuffs	79.7	94.5	63.5	113.8	136.4	104.8	105.5	50.0	49.4			
Semimanufactures	263.5	325.3	140.7	203.5	247.3	156.6	194.4	4.5	180.9			
Finished manufactures	424.6	500.1	198.0	238.6	274.0	206.4	211.5	3.6	208.0			
Asia	4 995.9	4 1, 192.6	490.4	707.4	944.9	569.9	694.6	503.5	188.1			
Crude materials	4 655.3	4 785.4	252.0	355.9	500.2	292.8	392.0	363.6	28.5			
Crude foodstuffs	4 34.0	4 37.7	21.8	26.3	34.8	30.2	34.6	33.8	8			
Manufactured foodstuffs	4 66.9	4 81.6	78.8	90.3	108.2	75.0	78.3	71.7	6.6			
Semimanufactures	4 108.7	4 142.0	69.1	137.0	183.1	90.3	103.3	35.7	72.6			
Finished manufactures	4 131.9	4 145.9	68.7	97.8	118.6	81.6	81.4	1.7	79.7			
Oceania	53.1	44.3	18.1	36.1	62.6	17.1	27.9	21.2	6.7			
Crude materials	3	3	1.1	1.1	1.1	1.1	2.2	2	(?)			
Crude foodstuffs	.3	.3	.1	.1	.1	.1	.2	.2	(?)			
Manufactured foodstuffs	5.6	2.5	2.2	3.6	2.6	2.6	2.4	2.4	(?)			
Semimanufactures	1.7	.3	.4	.6	.4	.4	.8	.8	.8			
Finished manufactures	1.2	.7	.4	.4	.6	.5	.9	.1	.7			
Africa	71.5	91.2	32.0	51.0	90.2	52.7	75.5	40.1	35.5			
Crude materials	48.2	47.2	14.9	20.5	41.2	33.2	45.9	18.4	27.6			
Crude foodstuffs	10.5	17.5	9.9	17.0	36.2	10.9	18.0	17.7	.3			
Manufactured foodstuffs	.6	.6	.5	1.4	3.2	2.1	1.4	1.3	.1			
Semimanufactures	13.1	24.3	5.9	4.8	8.3	5.1	8.8	2.1	6.7			
Finished manufactures	1.1	1.7	.8	1.3	1.3	1.3	1.5	.7	.8			

1 See heading table 570 regarding grain shipments through Canada to Europe. 2 Less than \$50,000.

3 Turkey in Europe is included with Asia beginning 1928 and U. S. S. R. in Asia, with Europe beginning

1955.

4 Asia and Oceania. 5 "General imports" through 1933; "Imports for consumption" thereafter.

Source: See general note, p. 483.

**No. 565.—FOREIGN TRADE—PERCENT EACH CONTINENT FURNISHES OR TAKES OF TOTAL IN EACH ECONOMIC CLASS: 1926 TO 1939**

NOTE.—Percentages are based on data shown in table 564, except that calculations were made from the full figures

CONTINENT	1926-1930, average	1931-1935, average	1936	1937	1938	1939	1926-1930, average	1931-1935, average	1936	1937	1938	1939
	Crude materials						Foodstuffs and beverages					
<b>Exports (U. S. mdse.):</b>												
North America.....	15.4	15.8	18.4	20.2	19.8	24.6	28.5	21.9	28.7	30.0	27.8	26.9
South America.....	.6	.6	.7	1.0	1.2	2.0	4.9	4.3	3.7	4.6	3.0	5.2
Europe.....	67.6	68.6	60.2	61.2	58.4	52.3	58.4	63.8	57.3	65.7	63.3	67.9
Asia and Oceania.....	15.9	24.6	20.2	17.2	20.1	20.6	7.2	8.7	8.0	7.5	5.0	8.9
Africa.....	.5	.4	.4	.4	.6	.5	1.0	1.3	2.3	2.2	1.0	1.2
<b>Imports:<sup>1</sup></b>												
North America.....	12.1	10.7	10.0	8.6	11.6	10.7	38.4	32.0	41.7	35.1	33.1	35.1
South America.....	11.5	13.3	13.9	14.4	13.8	14.9	31.5	29.6	21.3	25.4	26.6	23.9
Europe.....	17.3	19.2	19.5	15.3	15.7	12.5	14.2	15.8	18.3	17.7	20.1	18.6
Asia and Oceania.....	55.9	53.7	53.1	57.5	53.1	55.8	13.8	20.6	16.2	17.2	18.9	19.1
Africa.....	3.2	3.0	3.6	4.2	5.8	6.2	2.0	2.1	2.5	4.6	2.3	3.2
	Semimanufactures						Finished manufactures					
<b>Exports (U. S. mdse.):</b>												
North America.....	24.4	23.0	21.5	18.7	19.5	19.4	29.3	27.0	28.8	28.4	25.2	26.6
South America.....	9.9	7.6	7.1	6.6	6.9	8.7	15.8	13.3	14.1	15.5	16.0	14.8
Europe.....	48.1	46.6	44.7	42.5	45.2	43.0	31.7	35.0	28.9	27.9	30.3	32.6
Asia and Oceania.....	16.4	20.9	24.1	29.7	25.9	26.5	19.1	19.7	20.0	20.4	22.1	20.4
Africa.....	1.2	1.8	2.6	2.5	2.6	2.4	4.2	6.0	8.3	7.8	6.4	5.6
<b>Imports:<sup>1</sup></b>												
North America.....	24.2	24.4	23.3	22.4	25.3	27.2	25.9	31.0	27.0	28.0	30.0	32.2
South America.....	11.1	8.1	6.2	8.3	9.1	8.6	.6	.8	4.4	.4	.6	.7
Europe.....	42.7	44.0	41.5	39.0	40.7	39.9	56.7	60.3	51.2	49.7	49.4	48.0
Asia and Oceania.....	18.9	21.7	28.0	29.0	23.6	22.4	16.7	17.6	21.1	21.6	19.7	18.7
Africa.....	3.2	1.8	1.0	1.3	1.3	1.8	.2	.2	.3	.2	.3	.3

<sup>1</sup> "General imports" through 1933; "imports for consumption" thereafter.

**No. 566.—FOREIGN TRADE—PERCENT EACH ECONOMIC CLASS FORMS OF TOTAL FOR EACH CONTINENT: 1926 TO 1939**

NOTE.—Percentages are based on data shown in table 564, except that calculations were made from the full figures

CLASS	1926-1930, average	1931-1935, average	1936	1937	1938	1939	1926-1930, average	1931-1935, average	1936	1937	1938	1939
	North America						South America					
<b>Exports (U. S. mdse.):</b>												
Crude materials.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Foodstuffs <sup>2</sup> .....	15.0	21.4	20.6	17.9	16.3	16.7	1.6	2.4	2.4	2.3	2.4	3.2
Semimanufactures.....	18.3	12.4	9.7	10.4	16.7	10.8	8.3	7.7	3.7	4.1	4.3	5.0
Finished manufactures.....	13.8	14.9	14.2	15.5	13.7	15.4	14.8	15.7	13.8	14.3	11.7	16.4
<b>Imports:<sup>1</sup></b>												
Crude materials.....	53.0	51.8	55.5	56.2	53.2	57.1	75.3	74.2	80.1	79.3	81.6	75.5
Foodstuffs <sup>2</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Semimanufactures.....	19.2	12.8	11.8	12.3	14.0	14.0	31.3	26.9	35.0	34.0	30.3	36.9
Finished manufactures.....	36.9	38.8	49.4	44.1	39.5	37.5	52.3	61.1	54.0	52.6	55.5	48.1
	Europe						Asia and Oceania					
<b>Exports (U. S. mdse.):</b>												
Crude materials.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Foodstuffs <sup>2</sup> .....	35.0	37.3	39.1	33.0	26.4	21.8	24.2	37.3	28.3	18.3	19.6	17.0
Semimanufactures.....	20.0	17.1	11.3	11.7	20.9	14.3	7.2	5.6	3.4	3.1	3.5	4.4
Finished manufactures.....	14.4	14.2	17.2	21.5	17.5	20.9	14.5	15.2	20.0	29.7	21.5	25.5
<b>Imports:<sup>1</sup></b>												
Crude materials.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Foodstuffs <sup>2</sup> .....	21.2	18.5	19.8	18.0	15.9	15.2	66.6	52.2	52.3	55.4	52.2	57.5
Semimanufactures.....	10.6	15.6	18.7	18.4	20.2	18.4	10.1	20.4	18.0	14.6	18.4	16.0
Finished manufactures.....	26.9	27.4	28.3	30.1	27.6	31.8	11.5	13.7	18.5	18.2	15.4	15.1
	Asia and Oceania						Europe					
Crude materials.....	41.3	38.6	33.2	33.4	36.3	34.6	11.8	13.7	13.2	11.8	14.0	11.4

<sup>1</sup> "General imports" through 1933; "imports for consumption" thereafter. <sup>2</sup> Includes beverages.

Source of tables 565 and 566: See general note, p. 483.



## IMPORTS OF MERCHANDISE, BY CONTINENTS: 1821 TO 1939

cover fiscal years to and including 1915; calendar years thereafter, except as noted. See headnote, table 502, Turkey in Europe is with Asia beginning 1926; the U. S. S. R. in Asia is with Europe beginning 1924; adjusted for grain shipments to Canada which were actually in transit to Europe are shown in table 495 were especially large in the period 1920-1929 and the year 1935

GENERAL IMPORTS								YEARLY AVERAGE OR YEAR
Total	North America		South America	Europe	Asia	Oceania	Africa	
	Northern	Southern						
54,521	402	11,816	1,570	35,000	5,324	34	375	1821.
62,721	398	10,793	4,919	40,117	6,241	18	234	1830.
98,259	1,228	15,421	8,606	61,721	10,086	162	445	1840.
173,509	5,180	16,116	16,038	123,115	12,434	9	618	1850.
363,616	23,730	44,180	34,929	216,661	29,230	1,170	3,708	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	55,794	3,955	3,736	1871-1875.
492,670	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	69,006	11,370	4,085	1881-1885.
717,231	40,236	98,810	82,427	401,745	74,430	16,168	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	380,843	107,999	22,781	9,910	1896-1900.
972,162	52,762	129,034	121,748	498,206	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	248,043	219,923	798,115	270,797	19,020	24,065	1911-1915.
3,358,354	425,337	588,103	501,295	1,652,298	910,340	70,134	90,848	1916-1920. <sup>1</sup>
3,450,103	396,668	514,233	421,336	1,049,565	942,808	53,994	71,499	1921-1925.
4,033,469	479,737	460,457	545,788	1,207,213	1,195,930	53,137	91,207	1926-1930.
1,713,102	236,184	177,257	244,100	516,313	490,900	16,200	22,088	1931-1935.
1,058,874	118,518	228,618	206,858	886,498	258,534	17,276	22,573	1936-1941.
2,514,557	321,332	439,019	466,212	1,235,122	642,479	59,002	61,342	1946-1949. <sup>2</sup>
764,730	40,863	65,061	107,380	430,192	91,678	20,017	9,530	1897.
616,050	32,404	58,973	92,062	305,934	66,425	23,029	7,194	1898.
697,148	31,690	80,400	86,588	353,885	111,501	22,588	10,436	1899.
849,941	39,999	90,037	93,667	440,567	145,814	28,040	11,218	1900.
823,172	42,935	102,223	110,367	429,620	122,099	6,974	8,954	1001.
903,321	48,846	102,230	119,786	475,162	136,295	7,554	13,448	1002.
1,025,719	55,669	134,067	107,428	547,227	159,076	9,671	12,532	1003.
961,087	52,701	146,078	120,364	498,657	155,676	8,244	9,437	1004.
1,117,513	63,657	163,572	150,796	540,773	174,641	12,731	11,344	1005.
1,226,502	69,603	165,760	140,423	633,292	192,434	12,432	12,629	1006.
1,434,421	74,813	188,763	160,100	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	210,307	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	27,414	1911.
1,653,205	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	297,605	16,533	26,425	1913.
1,893,926	162,046	265,353	222,677	895,603	305,115	23,932	18,149	1914.
1,674,170	161,055	312,025	261,400	614,355	271,790	28,502	24,953	1915.
912,787	107,626	140,821	166,239	271,684	191,667	18,021	16,730	1915 (6 mos.).
2,391,635	240,161	418,277	427,610	633,317	550,866	59,511	61,893	1916.
2,952,468	419,124	452,858	508,819	551,145	820,624	36,835	73,064	1917.
3,031,213	457,600	516,956	610,931	318,121	939,301	102,737	85,506	1918.
3,904,365	500,165	657,609	687,625	750,528	1,107,733	88,616	112,188	1919.
5,278,481	614,618	1,048,045	760,999	1,227,843	1,300,677	80,014	150,285	1920.
2,509,148	337,632	417,217	295,623	764,942	617,862	35,499	40,373	1921.
3,112,747	366,524	465,930	358,763	991,203	826,886	48,517	64,024	1922.
3,792,060	418,348	583,169	407,421	1,157,066	1,019,811	50,200	87,061	1923.
3,609,963	402,047	593,103	466,074	1,096,111	930,685	48,945	72,092	1924.
4,226,589	458,791	521,742	518,797	1,238,513	1,318,794	77,808	92,144	1925.
4,430,888	485,503	526,067	567,979	1,277,501	1,409,063	68,365	96,420	1926.
4,184,742	484,499	500,959	518,275	1,264,810	1,208,413	54,531	93,255	1927.
4,091,444	499,959	460,743	569,410	1,248,825	1,168,852	53,460	90,207	1928.
4,399,361	514,370	467,159	639,768	1,333,661	1,279,248	56,557	108,068	1929.
3,060,903	414,355	347,350	438,518	911,268	854,073	32,791	67,547	1930.
2,090,635	277,111	239,930	307,190	640,690	573,706	19,120	32,888	1931.
1,322,774	181,413	157,107	200,902	389,570	361,847	7,661	24,241	1932.
1,449,559	190,651	127,116	202,280	462,955	425,102	13,190	28,295	1933.
1,656,065	238,496	160,724	228,958	439,632	489,353	14,565	33,326	1934.
2,047,485	298,148	201,409	281,472	598,710	604,537	26,481	41,723	1935.
2,422,592	381,313	237,247	291,505	717,544	707,723	35,865	51,339	1936.
3,083,698	407,431	283,045	422,026	843,329	967,261	68,428	62,148	1937.
1,900,428	267,504	222,722	292,613	567,226	569,503	16,189	54,671	1938.
2,318,081	349,256	231,374	317,267	699,562	866,502	26,705	76,732	1939.

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920,<sup>2</sup> Fiscal years ended June 30.

Source: See general note, p. 433.





No. 569.—IMPORTS FOR CONSUMPTION, FREE AND DUTIABLE, BY PRINCIPAL COUNTRIES: 1937, 1938, AND 1939

[All figures except percentages in thousands of dollars]

COUNTRY	1937			1938			1939		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
<b>Grand total.....</b>	<b>1,765,248</b>	<b>1,244,605</b>	<b>68. 6</b>	<b>1,182,696</b>	<b>766,929</b>	<b>60. 7</b>	<b>1,397,280</b>	<b>878, 819</b>	<b>61. 4</b>
<b>Northern North America<sup>1</sup></b>	<b>243, 516</b>	<b>158, 037</b>	<b>60. 6</b>	<b>193, 448</b>	<b>69, 439</b>	<b>73. 6</b>	<b>228, 867</b>	<b>112, 961</b>	<b>66. 8</b>
Canada.....	238, 009	156, 232	60. 4	188, 660	67, 937	73. 5	221, 147	111, 421	66. 5
Newfoundland and Labrador.....	4, 770	1, 791	72. 7	4, 047	1, 445	73. 7	5, 143	1, 449	78. 0
<b>Southern North America</b>	<b>116, 964</b>	<b>161, 100</b>	<b>42. 1</b>	<b>66, 079</b>	<b>119, 941</b>	<b>44. 5</b>	<b>107, 877</b>	<b>118, 303</b>	<b>47. 7</b>
Mexico.....	40, 150	15, 108	72. 7	32, 339	10, 144	76. 1	40, 350	14, 082	74. 1
<b>Central American countries</b>	<b>36, 974</b>	<b>741</b>	<b>98. 0</b>	<b>33, 155</b>	<b>561</b>	<b>98. 3</b>	<b>36, 039</b>	<b>486</b>	<b>98. 7</b>
Cuba.....	13, 503	133, 395	9. 2	8, 236	97, 209	7. 8	8, 420	92, 665	8. 3
Other West Indies and Bermuda.....	20, 338	11, 855	69. 0	22, 350	12, 027	65. 0	23, 068	11, 069	67. 6
<b>South America<sup>1</sup></b>	<b>242, 785</b>	<b>168, 959</b>	<b>59. 0</b>	<b>192, 717</b>	<b>70, 263</b>	<b>73. 3</b>	<b>211, 541</b>	<b>89, 185</b>	<b>70. 3</b>
Argentina.....	23, 344	112, 958	17. 1	10, 922	30, 752	26. 2	17, 789	40, 760	30. 4
Bolivia.....	800	80	86. 5	204	49	85. 6	691	112	86. 0
Brazil.....	104, 994	14, 520	87. 9	87, 731	10, 017	89. 8	95, 687	10, 618	90. 0
Chile.....	38, 855	4, 781	89. 0	27, 044	1, 548	94. 6	29, 530	1, 421	95. 4
Colombia.....	51, 027	619	98. 8	49, 247	130	99. 7	47, 967	977	98. 0
Ecuador.....	3, 263	701	82. 3	2, 097	473	81. 6	3, 017	506	85. 6
Peru.....	11, 706	3, 199	78. 5	9, 007	2, 711	78. 0	10, 015	3, 812	72. 4
Uruguay.....	1, 290	11, 575	10. 0	511	4, 846	9. 5	874	7, 713	10. 2
Venezuela.....	6, 907	15, 845	30. 4	5, 038	15, 013	25. 1	5, 603	17, 812	23. 9
<b>Europe<sup>1</sup></b>	<b>305, 625</b>	<b>515, 187</b>	<b>37. 2</b>	<b>196, 308</b>	<b>371, 727</b>	<b>34. 6</b>	<b>210, 782</b>	<b>400, 522</b>	<b>34. 5</b>
Belgium.....	17, 293	50, 850	23. 3	9, 183	32, 840	21. 8	14, 659	48, 267	23. 2
Czecho-Slovakia <sup>2</sup> .....	3, 898	31, 831	10. 9	2, 221	24, 930	8. 2	678	4, 860	12. 2
Denmark.....	2, 349	4, 055	36. 6	329	3, 209	9. 1	523	3, 262	13. 9
Finland.....	15, 854	1, 723	90. 2	16, 099	1, 973	89. 1	18, 805	1, 859	91. 0
France.....	23, 263	50, 174	31. 6	14, 977	39, 401	27. 5	16, 087	45, 289	26. 2
Germany <sup>2</sup> .....	31, 709	59, 467	34. 8	17, 805	44, 727	28. 5	14, 210	40, 446	26. 0
Greece.....	1, 060	11, 008	12. 4	978	15, 361	6. 8	2, 508	13, 384	15. 8
Italy.....	8, 882	38, 551	18. 7	7, 698	34, 221	18. 9	7, 298	31, 509	18. 8
Netherlands.....	19, 339	33, 434	36. 9	10, 652	19, 465	35. 4	10, 108	18, 164	35. 8
Norway.....	13, 209	11, 318	53. 9	9, 290	7, 243	56. 2	11, 162	10, 603	51. 1
Poland and Danzig <sup>2</sup> .....	1, 447	17, 506	7. 6	791	13, 086	5. 7	1, 118	10, 672	9. 5
Spain.....	47, 720	10, 735	24. 3	1, 494	8, 041	15. 7	1, 670	8, 330	16. 6
Sweden.....	47, 720	10, 857	81. 5	37, 720	7, 347	83. 7	38, 968	8, 142	80. 7
Switzerland.....	2, 024	24, 070	7. 8	2, 706	19, 077	12. 3	2, 782	27, 621	9. 2
United Kingdom.....	75, 282	124, 847	37. 6	35, 769	82, 603	30. 2	43, 957	107, 352	29. 0
U. S. S. R. (Soviet Union) <sup>2</sup> .....	16, 846	10, 393	61. 8	16, 922	6, 580	72. 0	18, 285	6, 211	74. 6
<b>Asia<sup>1</sup></b>	<b>757, 421</b>	<b>187, 469</b>	<b>50. 2</b>	<b>450, 115</b>	<b>119, 771</b>	<b>79. 0</b>	<b>563, 616</b>	<b>131, 018</b>	<b>81. 1</b>
British India and Burma.....	44, 956	49, 527	47. 6	23, 331	34, 848	40. 1	30, 590	36, 105	45. 8
British Malaya.....	241, 798	1, 022	69. 6	111, 699	447	99. 6	148, 487	572	99. 6
Ceylon.....	20, 689	584	37. 2	15, 985	301	98. 2	20, 692	374	98. 2
China.....	69, 929	36, 499	63. 3	26, 301	20, 858	55. 0	36, 802	23, 539	61. 0
Netherlands Indies.....	113, 031	2, 284	98. 0	67, 328	1, 492	97. 8	88, 694	4, 461	95. 2
Hong Kong.....	5, 763	2, 982	65. 9	2, 370	1, 010	70. 1	2, 621	1, 028	71. 0
Japan.....	120, 182	74, 904	61. 6	93, 421	38, 212	71. 0	120, 063	41, 032	74. 5
Philippine Islands.....	125, 449	608	99. 5	89, 724	4, 487	95. 3	86, 802	5, 104	94. 4
Turkey.....	3, 232	9, 731	24. 9	2, 375	12, 228	16. 3	3, 112	12, 182	20. 3
<b>Oceania<sup>1</sup></b>	<b>99, 691</b>	<b>33, 068</b>	<b>47. 2</b>	<b>11, 151</b>	<b>5, 923</b>	<b>65. 3</b>	<b>15, 423</b>	<b>12, 471</b>	<b>55. 3</b>
Australia.....	12, 880	26, 501	32. 2	5, 640	3, 128	64. 3	7, 288	8, 464	46. 2
New Zealand.....	14, 588	6, 496	69. 2	4, 650	2, 788	62. 7	7, 747	3, 800	67. 0
<b>Africa<sup>1</sup></b>	<b>69, 347</b>	<b>20, 809</b>	<b>76. 9</b>	<b>49, 681</b>	<b>9, 865</b>	<b>81. 3</b>	<b>61, 185</b>	<b>14, 360</b>	<b>80. 0</b>
British South Africa.....	13, 004	5, 598	69. 9	18, 265	794	95. 8	28, 637	2, 918	90. 8
British West Africa.....	31, 573	3, 131	91. 0	7, 844	1, 610	83. 0	14, 383	3, 101	82. 3
Egypt.....	3, 437	9, 860	25. 8	1, 112	4, 162	21. 1	1, 348	5, 409	19. 8

<sup>1</sup> Includes countries or areas not shown separately.

<sup>2</sup> For changes in geographic basis of statistics in 1938 and 1939, see note 6 on table 570, p. 512.

<sup>3</sup> Includes Soviet Union in Asia.

Source: See general note, p. 483.

No. 570.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MER

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 to Europe and reported as exported to Canada. Such grain shipments were especially large in the and North America and included in exports to Europe are given in table 495 of the 1935 Statistical

[All figures in thousands of dollars (for basis

COUNTRY	EXPORTS (INCLUDING REEXPORTS)								
	1921-1925, average	1926-1930, average	1931-1935, average	1935	1936	1937	1938	1939	
Grand total.....	4,397,027	4,777,314	2,025,195	2,282,874	2,456,978	3,340,167	3,094,440	3,177,176	
North America <sup>1</sup> .....	1,071,959	1,233,033	462,808	531,331	616,711	840,126	739,994	802,167	
1. Northern <sup>1</sup> .....	627,392	829,858	300,372	328,542	391,555	519,068	475,872	498,170	
Canada <sup>1</sup> .....	619,017	819,471	294,797	323,194	384,151	509,319	467,767	489,103	
Newfoundland and Labrador.....	8,181	10,000	5,350	6,121	7,201	9,557	7,671	8,914	
Miquelon and St. Pierre.....	174	312	218	227	202	185	131	142	
Greenland.....	10	9	7	-----	1	-----	3	11	
2. Southern.....	444,577	403,175	162,435	201,789	225,155	321,088	264,423	304,026	
Mexico.....	146,345	121,969	48,484	66,874	76,041	109,450	92,016	83,177	
Central America.....	53,738	78,522	37,011	38,639	41,980	50,622	50,397	66,277	
British Honduras.....	1,922	1,903	831	688	976	1,004	1,957	1,021	
Costa Rica.....	5,139	6,913	2,795	2,318	3,027	4,477	5,449	9,796	
Guatemala.....	7,214	10,773	3,820	3,918	4,553	7,012	6,801	8,574	
Honduras.....	10,312	9,634	5,422	5,633	4,900	5,568	6,292	5,812	
Nicaragua.....	5,284	6,494	2,622	2,434	2,412	3,363	2,807	4,297	
Panama, Republic of.....	22,807	35,441	18,840	20,815	22,717	24,981	10,165	12,752	
Panama Canal Zone.....	-----	-----	-----	-----	-----	-----	14,242	10,802	
Salvador.....	6,060	7,305	2,811	2,831	2,794	3,628	3,520	4,172	
West Indies and Bermuda.....	259,494	202,694	76,939	97,577	107,735	160,895	152,009	154,572	
Bermuda.....	3,637	3,843	3,084	2,799	3,300	4,134	3,951	3,538	
Barbados.....	1,691	1,497	798	875	924	954	954	1,374	
Jamaica.....	8,537	8,535	3,771	4,030	3,882	5,117	5,746	5,030	
Trinidad and Tobago.....	5,176	5,705	2,600	3,306	4,188	7,758	7,443	6,948	
Other British.....	5,446	5,020	2,275	2,372	2,940	3,750	3,470	3,408	
Cuba.....	181,294	133,245	41,255	60,139	67,421	92,293	76,331	81,646	
Dominican Republic.....	15,282	14,742	5,300	4,518	4,578	6,469	5,996	6,780	
Netherlands West Indies.....	3,095	14,621	10,846	14,348	14,154	34,197	42,767	38,378	
French West Indies.....	2,630	2,745	2,264	1,881	2,398	2,247	2,000	1,442	
Haiti, Republic of.....	10,910	10,113	3,822	3,250	3,942	4,084	3,642	5,128	
Virgin Islands of U. S. <sup>2</sup> .....	1,894	2,020	<sup>s</sup> 1,200	-----	-----	-----	-----	-----	
South America.....	297,115	447,860	141,074	174,341	204,222	318,354	200,714	329,127	
3. North Coast.....	43,985	86,849	33,590	41,628	53,398	87,877	95,051	115,526	
Colombia.....	25,862	46,137	17,011	21,036	27,729	39,200	40,862	51,277	
Gulana.....	-----	-----	-----	-----	-----	-----	-----	-----	
British.....	2,094	1,315	565	699	888	1,001	1,025	1,277	
Surinam (Netherlands).....	983	1,112	531	518	599	689	707	915	
French.....	450	156	113	101	273	282	119	91	
Venezuela.....	14,376	38,129	15,371	18,585	24,079	46,445	52,278	61,000	
4. East Coast.....	193,497	280,622	83,036	99,919	114,786	176,764	154,462	167,151	
Argentina.....	117,002	105,222	42,555	49,374	56,910	94,183	86,793	70,945	
Falkland Islands.....	4	44	23	4	1	4	8	3	
Brazil.....	59,921	89,377	34,180	43,618	49,019	68,631	61,957	80,345	
Paraguay.....	617	1,229	536	700	824	743	644	675	
Uruguay.....	15,952	24,750	5,743	6,223	8,531	13,203	5,060	5,183	
5. West Coast.....	59,863	80,388	24,448	32,784	36,088	53,913	50,201	56,450	
Bolivia.....	3,649	5,052	2,903	2,829	3,564	5,863	5,395	4,512	
Chile.....	30,132	45,837	11,466	14,948	15,739	23,997	24,003	26,791	
Ecuador.....	4,039	5,545	2,289	2,843	3,326	5,052	3,311	5,900	
Peru.....	20,942	23,906	7,789	12,174	13,439	19,001	16,892	19,249	

For footnotes, see p. 512.

CHANDISE, BY CONTINENTS, COMMERCIAL REGIONS, AND COUNTRIES: 1921 TO 1939

trade by way of other countries, this being usually larger in the case of our exports to them than of our  
ance. A marked case of indirect trade is that of grain exported through Canada (mostly via Montreal)  
period 1920-29 and in 1938. Adjusted figures in which this grain is deducted from exports to Canada  
Abstract and the Trade Promotion Bulletin Nos. 193 and 215. Figures are for calendar years

of dollar values, see general note, p. 483]

IMPORTS									COUNTRY
1921-1925, average	1926-1930, average	1931-1935, average	1935	1936	1937	1938	1939		
3,450,103	4,033,469	1,713,102	2,047,465	2,422,592	3,083,668	1,960,426	2,318,081		<b>Grand total.</b>
910,902	940,194	413,421	494,567	618,560	690,476	490,226	580,629		<b>North America.<sup>1</sup></b>
396,668	478,737	236,164	293,148	381,313	407,431	267,504	349,256		<b>1. Northern.<sup>1</sup></b>
393,771	469,212	228,784	286,444	375,832	398,309	209,172	339,956		Canada. <sup>1</sup>
2,528	10,024	6,752	6,201	4,835	8,374	6,532	8,641		Newfoundland and Labrador.
37	61	359	28	74	23	17	94		Miquelon and St. Pierre.
333	441	209	384	572	725	733	564		Greenland.
514,233	460,457	177,267	201,409	237,247	283,045	222,722	231,374		<b>2. Southern.</b>
147,488	125,933	38,943	42,467	48,938	60,120	49,030	56,266		Mexico.
36,367	43,609	26,243	29,207	50,855	37,775	33,737	36,513		<i>Central America.</i>
2,421	3,093	924	917	1,535	1,764	2,343	1,716		British Honduras.
5,090	5,732	3,312	3,089	3,347	4,434	4,102	3,230		Costa Rica.
10,015	10,020	4,665	6,144	8,364	9,611	9,529	10,725		Guatemala.
5,957	11,151	8,387	6,226	6,078	5,674	5,692	7,031		Honduras.
4,987	4,993	2,204	2,783	1,895	3,103	2,478	2,902		Nicaragua.
4,635	5,483	4,159	5,114	4,594	4,623	3,352	3,582		Panama, Republic of.
3,251	3,188	2,591	4,934	5,021	8,563	5,672	6,879		Panama Canal Zone.
350,388	290,914	118,072	129,734	157,474	186,152	139,955	138,565		Salvador.
1,070	921	501	327	345	400	316	287		<i>West Indies and Bermuda.</i>
351	499	387	410	304	431	360	266		Bermuda.
6,878	8,425	2,923	2,122	1,659	1,590	1,197	1,540		Barbados.
5,199	8,913	3,136	2,531	3,888	3,169	1,636	1,311		Jamaica.
2,372	2,700	984	1,118	1,315	1,507	1,233	1,493		Trinidad and Tobago.
299,605	207,620	78,024	104,303	127,475	148,045	105,691	104,930		Other British.
8,138	8,850	4,111	4,933	5,354	7,377	5,745	5,824		Cuba.
4,200	50,337	20,603	12,539	14,975	19,563	20,617	19,723		Dominican Republic.
168	128	131	240	253	233	193	159		Netherlands West Indies.
1,651	1,352	912	1,161	1,818	2,896	2,907	3,031		French West Indies.
660	869	3,477							Haiti, Republic of.
									Virgin Islands of U. S. <sup>2</sup>
421,336	545,788	244,160	281,472	291,565	422,028	262,618	317,267		<b>South America.</b>
65,832	132,671	78,645	73,548	72,121	78,974	73,389	76,697		<b>3. North Coast.</b>
49,370	94,062	56,304	50,448	43,085	52,345	49,398	48,983		Colombia.
675	634	501	581	683	739	816	461		Guiana—
737	1,115	970	1,080	2,062	3,035	3,055	3,604		British Surinam (Netherlands).
177	79	43	16	34	85	36	36		French.
14,873	35,782	20,827	21,428	26,258	22,770	20,032	23,613		Venezuela.
251,361	309,361	134,022	172,723	180,858	274,484	144,744	180,362		<b>4. East Coast.</b>
83,270	94,842	36,099	65,408	65,882	138,940	40,709	61,914		Argentina.
468	22	90		2	14	10	10		Falkland Islands.
152,170	199,515	93,230	99,685	102,004	120,638	97,933	107,250		Brazil.
655	555	333	743	540	1,095	1,336	1,803		Paraguay.
14,799	14,427	4,270	6,887	12,232	13,809	4,751	9,375		Uruguay.
104,142	103,858	31,483	35,199	38,725	68,568	44,530	60,218		<b>5. West Coast.</b>
1,082	241	135	370	567	1,308	865	2,174		Bolivia.
77,186	75,059	22,154	24,101	25,804	46,668	28,268	40,583		Chile.
6,859	5,736	2,848	3,266	3,331	4,012	2,584	3,513		Ecuador.
19,015	22,819	6,357	7,462	9,023	16,525	12,819	13,948		Peru

No. 570.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF  
1921 to 1939—

[All figures in

COUNTRY	EXPORTS (INCLUDING REEXPORTS)							
	1921- 1925, average	1926- 1930, average	1931- 1935, average	1935	1936	1937	1938	1939
Europe <sup>1</sup> .....	2,318,244	2,236,501	980,158	1,029,241	1,042,804	1,359,610	1,325,943	1,289,753
6. Northwestern and Central.	1,980,627	1,878,271	795,375	884,943	877,310	1,159,060	1,116,152	1,087,188
Sweden.....	39,443	49,298	27,898	38,216	43,074	64,452	64,227	98,314
Norway.....	22,661	22,662	10,216	13,624	15,436	22,210	22,567	32,346
Denmark.....	42,615	40,608	16,069	12,481	12,212	17,211	24,814	25,236
Iceland.....	200	311	169	116	104	174	131	442
United Kingdom.....	1,930,412	837,219	874,436	433,309	440,122	536,490	520,878	505,404
Ireland.....	5,280	13,866	5,906	7,312	7,431	12,152	27,259	0,811
Belgium.....	111,284	105,640	50,259	58,304	58,826	95,341	70,042	64,588
France.....	265,190	244,606	117,562	117,013	129,457	164,528	133,872	132,080
Netherlands.....	138,228	131,901	51,916	49,111	53,253	93,524	96,732	97,417
Austria <sup>2</sup> .....	2,211	4,603	1,702	2,179	2,568	3,086	740	
Czecho-Slovakia <sup>3</sup> .....	1,665	5,387	2,642	3,244	4,056	13,233	26,526	3,758
Hungary <sup>4</sup> .....	3,300	1,828	405	351	555	698	2,731	2,056
Germany <sup>5</sup> .....	383,219	400,364	128,062	91,881	101,956	126,343	107,130	46,475
Switzerland.....	7,198	10,888	8,103	7,612	7,660	9,622	10,596	18,611
7. Northeastern.....	58,567	105,638	53,139	57,746	63,565	84,958	109,993	89,519
Estonia.....	2,081	809	798	1,437	1,169	1,244	1,944	1,527
Finland.....	10,442	14,866	4,641	6,105	7,456	12,265	11,991	13,443
Latvia.....	3,047	1,190	422	649	948	1,744	1,342	1,420
Lithuania <sup>6</sup> .....	6,67	220	222	324	287	511	669	389
Poland and Danzig <sup>7</sup> .....	10,881	10,887	14,034	24,486	20,278	26,297	24,695	16,102
Union of Soviet Socialist Republics (Russia in Europe) <sup>7</sup> .....	32,040	77,666	33,022	24,743	33,427	42,892	69,091	56,638
8. Southwestern.....	238,107	229,473	102,007	125,372	89,534	98,606	82,162	96,355
Azores and Madeira Islands.....	987	1,256	251	414	218	321	222	594
Gibraltar.....	3,412	1,001	199	402	277	355	433	182
Portugal.....	185,237	141,115	60,437	72,416	58,989	70,830	58,202	58,894
Spain.....	8,005	12,456	6,970	10,837	8,510	15,091	10,950	16,093
9. Southeastern.....	30,943	23,118	9,637	11,180	12,395	16,959	18,635	16,691
Albania <sup>8</sup> .....	745	623	244	143	205	147	275	130
Bulgaria.....	17,153	13,699	5,882	6,677	6,049	5,948	8,052	6,390
Greece.....	1,381	1,083	419	385	400	809	761	608
Malta, Gozo, and Cyprus Islands.....	2,409	6,436	2,345	2,989	3,358	6,938	6,315	6,233
Rumania.....	8,058	1,276	666	802	2,046	2,657	2,472	2,978
Turkey in Europe <sup>11</sup> .....	1,198							
Yugoslavia <sup>9</sup> .....	498,553	573,085	349,911	377,940	398,885	579,971	518,777	561,572
Asia.....	8,047	11,821	11,110	18,332	19,712	30,327	35,418	30,376
10. Western.....	1,099	497	153	323	244	363	304	217
Aden.....	362	1,170	208	326	1,273	1,025	4,171	4,183
Saudi Arabia.....			1,163	1,672	1,788	2,779	2,742	2,800
Iraq.....			2,929	4,442	3,180	3,240	3,169	7,646
Palestine.....			1,988	2,373	1,902	2,548	2,689	3,203
Syria.....			1,805	2,315	4,339	5,103	9,119	4,420
Iran.....			4,278	2,355	4,456	6,222	14,916	18,218
Turkey in Asia <sup>11</sup> .....								
11. Southern and South- eastern.....	119,137	180,632	93,674	104,380	115,914	175,049	168,699	209,523
British India.....	38,188	53,512	28,067	31,424	26,807	43,747	33,441	42,811
Burma.....								
Ceylon.....								
British Malaya.....	12,453	2,584	1,065	1,260	1,275	1,724	1,344	1,602
Netherlands Indies.....	17,242	33,850	10,194	10,873	13,752	25,050	27,518	35,420
French Indo-China.....	1,079	1,886	1,221	1,406	3,120	2,532	3,128	8,246
Philippine Islands.....	51,927	73,688	47,080	52,640	60,350	85,032	86,404	99,030
Thailand (Siam).....	1,199	2,391	1,242	1,758	2,161	3,682	3,267	4,518
Other Asia.....	19	72	635	1,020	3,428	4,445	2,349	2,951

For footnotes, see pp. 512 and 513.



No. 570.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF  
1921 TO 1939—

[All figures in

COUNTRY	EXPORTS (INCLUDING REEXPORTS)							
	1921- 1925, average	1926- 1930, average	1931- 1935, average	1935	1936	1937	1938	1939
<b>Asia—Continued</b>								
12. Eastern.....	371,869	380,651	245,127	254,727	263,269	374,596	312,674	321,670
China.....	104,175	109,021	62,571	38,153	46,819	49,703	34,719	55,014
Hong Kong.....	17,810	18,043	10,154	9,104	8,550	20,266	21,288	18,121
Kwantung.....	6,735	7,531	2,836	4,188	3,542	16,068	17,005	15,751
Japan.....	241,877	246,036	169,567	203,283	204,348	288,553	239,662	232,184
Russia in Asia <sup>7 14</sup> .....	<sup>15</sup> 1,287							
13. Oceania.....	141,426	177,239	48,868	73,802	79,154	98,948	93,662	79,506
Australia.....	111,273	139,072	39,117	57,088	58,491	73,517	68,692	61,564
New Zealand.....	28,198	35,841	11,914	15,610	19,499	28,881	23,461	16,544
British Oceania.....	608	1,316	307	364	380	843	628	750
French Oceania.....	1,065	1,010	529	740	804	707	582	637
Other Oceania.....	283							
Africa.....	69,729	109,596	62,377	96,219	114,202	152,158	118,350	115,023
14. Mediterranean.....	20,850	27,076	14,503	23,293	18,847	28,435	23,197	21,304
Algeria.....	<sup>16</sup> 7,329	8,273	2,904	2,533	1,915	2,426	2,699	2,055
Tunisia.....					1,125	1,402	1,419	1,029
Canary Islands.....	2,110	3,042	1,507	1,489	981	2,845	1,189	731
Egypt.....	8,221	11,084	5,827	10,474	10,035	13,712	13,317	13,853
Italian Africa.....	63	56	1,057	4,558	771	1,515	250	82
Morocco.....	2,446	3,691	2,656	3,477	3,523	4,371	3,222	3,068
Spanish Africa, n. e. s.....	661	929	552	763	496	165	1,100	517
15. Other Africa.....	48,899	92,520	47,874	72,926	95,355	125,733	95,153	98,719
Ethiopia.....	10	24	39	72	18	363	53	1
Belgian Congo.....	469	1,083	762	1,093	1,404	2,270	1,875	2,482
British Africa—								
West.....	7,886	11,781	4,311	5,403	7,478	10,060	5,399	4,715
Gold Coast.....		<sup>18</sup> 4,780	2,262	3,103	3,806	5,591	2,786	2,507
Nigeria.....		<sup>18</sup> 3,677	1,662	1,936	3,315	4,012	2,170	1,838
Other British		<sup>18</sup> 2,424	387	364	358	458	407	370
West Africa.....								
South.....	31,369	53,108	33,378	53,621	71,199	90,210	71,739	70,403
Union of South								
Africa.....			32,875	52,860	70,079	88,723	70,066	69,145
Other British								
South Africa.....			503	761	1,120	1,487	1,697	1,255
East.....	2,306	4,723	1,746	2,544	3,018	5,138	3,759	3,460
Liberia.....	213	492	200	388	555	852	512	1,152
Madagascar.....	130	469	354	354	376	494	508	405
French Africa, n. e. s.....	<sup>16 19</sup> 2,350	4,037	2,539	3,533	4,476	6,621	3,823	3,337
Portuguese Africa.....	4,687	6,853	4,494	5,919	6,771	9,715	7,190	7,715
Mozambique.....		5,350	3,780	5,062	5,887	8,428	5,903	6,474
Other.....		1,513	714	857	884	1,280	1,286	1,241
Latin America (groups 2, 3, 4, and 5).....	741,692	851,035	303,509	376,130	429,378	639,422	564,136	633,153
Far East (groups 11, 12, 13).....	631,932	738,502	387,669	433,410	458,327	648,592	575,025	610,686

<sup>1</sup> See headnote.

<sup>2</sup> Treated as a customs district of the United States beginning Jan. 1, 1935. For trade of Virgin Islands with the United States and with foreign countries beginning 1935, see table 563.

<sup>3</sup> Average, 1931-1934.

<sup>4</sup> Ireland is included in United Kingdom prior to 1925.

<sup>5</sup> 1925 only.

<sup>6</sup> For statistical purposes, trade with Germany includes (as far as ascertainable) trade with German-occupied areas from the following dates: Austria, May 6, 1938; Sudeten area of Czecho-Slovakia, Nov. 10, 1938; other Czecho-Slovak provinces (Protectorate of Bohemia-Moravia and part of Slovakia), Mar. 18, 1939; Memel territory of Lithuania, Mar. 25, 1939; and Danzig and the German-occupied parts of Poland, Nov. 16, 1939. Similarly, trade with the Czecho-Slovak area occupied by Poland is included with the Polish trade from Dec. 30, 1938, to Nov. 16, 1939, while trade with that area of Czecho-Slovakia occupied by Hungary is included with that country's trade after Dec. 30, 1938, and Mar. 19, 1939, for the respective portions of Ruthenia and part of Slovakia occupied by Hungary on those dates.

## MERCHANDISE, BY CONTINENTS, COMMERCIAL REGIONS, AND COUNTRIES:

Continued

[thousands of dollars]

IMPORTS								COUNTRY
1921-1925, average	1926-1930, average	1931-1935, average	1935	1936	1937	1938	1939	
496,504	535,582	203,886	231,351	258,504	320,744	178,944	228,160	Asia—Continued
142,035	140,506	47,775	64,200	74,232	103,622	47,189	61,831	12. Eastern.
15,937	12,062	5,052	8,937	8,541	9,213	3,367	3,670	China.
2,739	3,362	2,073	5,312	3,088	3,708	1,626	1,646	Hong Kong.
335,384	379,632	148,186	152,002	171,744	204,201	126,762	161,212	Kwantung.
<sup>14</sup> 681								Japan.
								Russia in Asia. <sup>7 14</sup>
53,994	53,137	18,209	26,481	35,866	68,428	10,189	26,705	13. Oceania.
37,534	33,072	9,600	14,653	22,917	43,639	8,700	14,882	Australia.
13,821	16,632	5,467	10,359	11,672	22,268	6,559	11,214	New Zealand.
864	1,556	375	175	121	1,252	318	52	British Oceania.
1,489	1,877	768	1,204	1,255	1,270	612	550	French Oceania.
286								Other Oceania.
71,499	91,207	32,088	41,722	51,389	92,148	54,671	76,732	Africa.
36,232	36,027	9,442	13,151	14,164	21,147	10,969	11,686	14. Mediterranean.
<sup>16</sup> 2,090	4,220	1,829	3,026	1,626	3,741	2,434	2,029	Algeria.
249	581	222	228	871	1,029	2,005	704	Tunisia.
33,471	30,632	6,572	8,911	10,301	13,533	4,772	7,023	Canary Islands.
21	35	142	214	224	236	150	203	Egypt.
394	1,089	672	772	938	2,300	1,361	1,444	Italian Africa.
( <sup>17</sup> )	1	6	( <sup>17</sup> )	( <sup>17</sup> )	8	( <sup>17</sup> )	1	Morocco.
35,267	55,181	22,846	28,571	37,225	71,001	43,702	65,048	Spanish Africa, n. e. s.
2	195	294	499	500	625	239	305	15. Other Africa.
909	11,813	1,882	2,416	2,343	2,556	1,555	1,582	Ethiopia.
12,843	23,245	10,755	13,905	18,172	35,849	11,400	16,443	Belgian Congo.
	<sup>18</sup> 12,958	6,300	8,497	13,282	21,562	6,723	8,986	British Africa—
	<sup>18</sup> 11,814	4,245	5,086	4,601	13,302	4,077	6,821	West.
	<sup>18</sup> 358	211	322	984	608	608	637	Gold Coast.
9,292	10,875	3,697	4,261	7,713	18,953	18,963	33,367	Nigeria.
		3,462	3,850	5,915	14,402	15,985	28,721	Other British
		235	411	1,708	4,551	2,978	4,646	West Africa.
1,750	2,410	1,951	2,442	4,975	4,764	5,532	5,658	South.
29	180	53	179	506	1,070	1,057	2,179	Union of South
207	246	227	422	640	1,108	1,821	1,718	Africa.
<sup>16 19</sup> 775	1,817	1,664	2,577	2,125	5,010	2,501	3,206	Other British
9,615	4,401	2,123	1,871	159	1,066	625	630	South Africa.
	4,311	1,976	1,723	101	166	74	33	East.
	90	148	148	55	890	552	598	Liberia.
								Madagascar.
935,569	1,006,245	421,418	482,881	528,752	705,071	485,335	548,641	French Africa, n. e. s.
975,523	1,213,806	490,830	612,555	722,615	998,488	566,651	692,462	Portuguese Africa.
								Mozambique.
								Other.
								Latin America (groups 2, 3, 4, and 5).
								Far East (groups 11, 12, 13).

<sup>7</sup> U. S. S. R. in Asia included with U. S. S. R. in Europe beginning 1924.<sup>8</sup> Includes Ukraine for 1921-1924 and Far Eastern Republic for 1924.<sup>9</sup> Albania included with Yugoslavia prior to 1932.<sup>10</sup> Average for years 1932-1935.<sup>11</sup> Turkey in Europe included with Turkey in Asia beginning 1928.<sup>12</sup> Includes Greece in Asia and Armenia and Kurdistan for 1921-1924.<sup>13</sup> Other British East Indies prior to 1922.<sup>14</sup> Includes Far Eastern Republic for 1921-1923.<sup>15</sup> Average for years 1921-1923.<sup>16</sup> Figures given under Algeria and Tunisia include French Africa, n. e. s., for years prior to 1922.<sup>17</sup> Less than \$500.<sup>18</sup> 2-year average, 1929 and 1930.<sup>19</sup> Average for years 1922-1925.

Source: See general note, p. 483.



## No. 571.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE, 1937, 1938, AND 1939, AND DUTIES COLLECTED, 1939, BY CUSTOMS DISTRICTS

NOTE.—“Duties collected” are as reported to the Treasury Department by collectors, subject in certain cases to subsequent refund as well as drawback. These figures are somewhat higher than duties as calculated on the basis of imports for consumption, as shown in table 557

[All figures in thousands of dollars]

CUSTOMS DISTRICT	EXPORTS, DOMESTIC AND FOREIGN			IMPORTS FOR CONSUMPTION			DUTIES COLLECTED
	1937	1938	1939	1937	1938	1939	1939
<b>Total</b> .....	<b>3,849,167</b>	<b>3,094,440</b>	<b>3,177,176</b>	<b>3,009,852</b>	<b>1,949,624</b>	<b>2,276,099</b>	<b>1,840,321</b>
<b>North Atlantic coast</b> .....	1,369,748	1,246,938	1,421,485	1,924,864	1,222,702	1,453,244	221,515
Maine and New Hampshire.....	13,917	11,018	10,572	23,844	17,082	19,394	427
Massachusetts.....	27,699	20,377	23,101	210,662	107,611	145,387	29,670
Rhode Island.....	1,233	966	900	6,046	3,194	4,869	2,293
Connecticut.....	3	164	198	3,608	2,812	2,730	1,001
New York.....	1,234,432	1,126,260	1,293,846	1,470,810	983,518	1,148,984	162,740
Philadelphia.....	92,464	88,153	92,868	190,894	108,436	131,885	25,376
<b>South Atlantic coast</b> .....	310,228	284,755	218,876	191,596	147,922	147,584	55,292
Maryland.....	106,695	81,810	89,066	99,290	65,859	66,120	10,600
Virginia.....	137,701	156,603	97,133	37,176	32,083	34,444	9,218
North Carolina.....	10,628	13,859	2,883	19,836	21,743	21,284	10,537
South Carolina.....	16,774	10,333	4,959	8,539	7,143	8,235	1,400
Georgia.....	29,717	19,922	23,179	16,438	12,159	10,059	2,125
Puerto Rico.....	2,646	1,867	1,550	9,144	7,938	6,473	1,383
Virgin Islands <sup>1</sup> .....	66	321	106	1,172	988	960	470
<b>Gulf coast</b> .....	661,715	627,496	575,505	214,189	159,814	156,523	19,290
Florida.....	44,021	33,988	32,341	22,049	19,860	19,374	3,491
Mobile.....	47,084	35,604	23,496	12,901	7,803	10,585	933
New Orleans.....	217,480	196,805	181,383	144,217	104,690	97,768	11,217
Sabine.....	78,754	84,881	77,849	2,368	2,013	1,581	74
Galveston.....	274,377	276,268	260,436	32,653	25,448	27,224	3,581
<b>Mexican border</b> .....	101,732	79,656	85,726	10,762	10,438	12,918	6,127
San Antonio.....	84,189	69,656	75,371	6,091	5,584	6,192	1,014
El Paso.....	11,677	6,740	6,458	2,481	2,852	3,712	2,317
Arizona.....	5,866	3,259	3,897	2,190	2,003	3,014	1,896
<b>Pacific coast</b> .....	403,931	387,101	390,037	232,313	150,761	179,157	21,064
Washington.....	92,561	69,076	78,333	39,805	29,256	34,451	3,398
Oregon.....	27,038	29,023	30,418	10,790	7,383	8,305	1,314
San Francisco.....	137,097	135,128	120,168	87,751	58,014	59,563	7,661
Los Angeles.....	137,094	147,097	152,444	80,457	44,101	66,777	6,760
San Diego.....	7,638	4,642	6,257	3,613	3,399	2,477	209
Alaska.....	400	605	537	223	175	151	6
Hawaii.....	2,102	1,529	1,889	9,673	8,433	7,434	1,776
<b>Northern border</b> .....	482,832	453,115	469,625	404,070	239,939	301,069	27,386
Vermont.....	38,616	23,841	34,324	30,872	19,322	29,803	1,317
St. Lawrence.....	35,335	30,605	40,239	42,320	26,007	32,043	843
Rochester.....	8,410	7,656	8,469	6,411	5,025	4,884	1,222
Buffalo.....	105,372	90,423	110,058	95,859	47,535	70,254	4,774
Ohio.....	33,144	25,207	29,131	19,007	11,293	12,288	4,377
Michigan.....	190,233	162,812	174,299	83,545	55,933	70,856	4,380
Chicago <sup>2</sup> .....	15,757	35,147	17,202	61,460	34,181	35,854	8,294
Wisconsin.....	628	4,301	1,177	12,197	8,385	8,522	693
Duluth and Superior.....	14,165	24,068	11,438	30,060	14,304	15,945	370
Dakota.....	35,346	38,028	36,126	19,499	13,526	18,784	904
Montana and Idaho.....	5,826	5,330	7,162	2,238	1,428	1,834	164
<b>Interior</b> .....				32,660	21,047	25,604	9,622
Pittsburgh.....				9,452	4,165	8,153	3,048
Kentucky.....				1,748	1,700	1,571	890
Tennessee.....				417		337	142
Indiana.....				5,423	3,453	1,891	980
Iowa <sup>3</sup> .....				99	94	36	5
Omaha.....				764	800	1,097	367
St. Louis.....				6,067	4,635	4,909	2,004
Minnesota.....				7,397	4,994	6,933	2,063
Colorado.....				1,088	911	536	187
Utah and Nevada.....				104	47	46	24
<b>Parcel post</b> .....	<b>18,981</b>	<b>15,380</b>	<b>15,923</b>				

<sup>1</sup> Excludes duties collected in the Virgin Islands.

<sup>2</sup> Total duties collected. This amount less the cost of collection is turned into the Island treasury.

<sup>3</sup> Treated as a customs district in import and export statistics beginning Jan. 1, 1935.

<sup>4</sup> Duties collected are paid into the Island treasury; not included in the United States total.

<sup>5</sup> Iowa included with Chicago, beginning Sept. 22, 1939.





NO. 573.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,  
BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1939—Continued

[All figures in thousands of dollars]

YEAR OR YEARLY AVERAGE	NEW ORLEANS		GALVESTON		BUFFALO		CHICAGO <sup>2</sup>		MICHIGAN	
	Exports	Im- ports	Exports	Imports	Exports	Im- ports	Exports	Im- ports	Exports	Im- ports
1860	108,165	20,636	5,772	533	3,049	4,850	1,165	60	3,827	961
1866	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	2,013	736	3,116	1,736
1871-1875	90,675	16,694	15,768	1,612	739	7,145	5,063	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	5,130
1886-1890	87,059	11,707	18,319	663	483	9,926	2,013	12,260	15,604	5,375
1891-1895	93,628	13,583	36,707	776	4,673	7,099	3,064	15,853	16,729	6,081
1896-1900	99,832	13,833	65,432	1,885	15,077	6,030	4,796	12,936	20,018	5,009
1901-1905	147,174	28,215	114,840	2,055	30,760	8,465	5,043	18,150	39,045	7,973
1906-1910	163,171	46,945	186,624	4,717	47,483	12,502	4,564	24,766	62,736	13,426
1911-1915	179,038	78,608	241,254	7,011	82,712	24,321	10,341	32,000	102,360	20,967
1916-1920	428,107	149,070	340,984	15,930	198,686	88,161	21,379	40,117	204,375	61,893
1921-1925	391,342	187,731	523,904	30,066	162,608	77,517	27,681	46,066	211,729	70,859
1926-1930	363,633	201,668	548,254	31,598	209,103	136,603	11,856	49,914	292,545	93,297
1931-1935	141,711	84,747	269,703	15,681	70,692	52,735	4,288	28,959	113,055	47,683
1897	101,494	16,619	58,198	779	10,818	7,189	2,310	11,528	22,273	6,381
1898	112,827	9,664	68,429	1,100	14,871	5,385	7,489	10,141	23,006	5,002
1899	87,993	11,918	78,477	2,921	14,989	5,449	7,675	12,154	28,725	4,657
1900	115,859	17,491	85,658	1,454	24,206	6,959	5,212	15,310	32,659	5,363
1901	152,777	20,402	101,867	954	23,629	6,726	10,030	14,532	33,742	6,282
1902	134,487	23,783	96,722	969	25,121	8,233	5,093	16,861	34,735	7,630
1903	149,073	28,881	104,121	1,511	28,696	8,973	4,551	20,122	40,828	8,566
1904	148,595	34,037	145,816	1,848	35,601	7,980	2,322	21,088	41,888	8,480
1905	160,937	33,933	126,182	4,992	40,765	10,413	3,221	18,145	44,733	8,957
1906	150,479	39,465	166,313	5,010	44,207	10,132	2,581	22,210	57,750	10,998
1907	170,562	46,047	237,808	7,029	48,750	11,744	4,013	25,017	64,805	11,515
1908	169,456	42,786	161,852	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	58,712	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	6,910	30,586	81,898	17,031
1912	149,161	75,090	218,146	4,310	81,543	20,506	7,055	28,749	96,941	16,815
1913	169,980	82,399	281,468	7,821	103,103	20,405	4,860	32,537	112,641	19,687
1914	193,840	89,383	265,768	12,245	87,676	30,306	8,688	35,631	103,623	26,347
1915	209,373	79,745	230,392	10,148	73,959	31,415	23,565	29,498	117,747	24,966
1915 (6 mos.)	91,588	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	29,000	222,663	32,575
1917	320,891	116,249	220,229	13,979	212,820	105,612	4,410	27,008	279,143	54,131
1918	369,997	124,288	226,834	14,013	208,340	99,915	69,019	40,301	376,158	57,231
1919	563,073	177,286	467,183	17,704	199,051	96,378	6,524	45,804	297,029	74,896
1920	712,380	274,073	649,253	30,730	237,930	121,436	26,800	64,504	356,220	107,851
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	21,100	140,021	70,283	38,506	46,914	205,977	65,442
1923	391,610	171,620	530,640	32,962	178,818	70,316	13,997	45,555	220,590	90,019
1924	411,691	205,974	570,609	41,487	156,266	72,247	29,415	45,739	195,902	81,537
1925	467,279	221,023	639,418	35,862	177,704	115,496	14,269	50,630	252,274	84,247
1926	413,793	238,805	533,825	38,806	191,070	125,666	17,843	50,478	272,375	101,682
1927	370,607	211,864	544,593	35,883	191,004	137,936	17,718	51,559	279,907	91,514
1928	375,837	211,783	682,346	90,801	223,938	144,928	9,002	50,381	328,439	92,099
1929	384,570	208,431	573,667	30,635	239,803	157,350	8,178	52,853	342,846	105,433
1930	273,358	137,640	396,640	21,767	170,193	117,402	6,530	39,542	239,358	75,959
1931	145,626	96,209	262,038	14,948	105,508	61,527	2,729	29,669	144,890	56,832
1932	128,051	86,559	244,463	10,773	62,032	37,637	4,973	21,238	84,755	38,095
1933	126,786	76,447	275,182	10,813	50,825	40,800	5,393	24,923	82,058	40,537
1934	146,159	79,893	252,053	10,270	64,839	48,927	4,400	30,307	124,358	48,407
1935	101,694	105,663	249,779	25,097	60,805	75,043	3,932	38,564	129,243	54,069
1936	167,402	109,814	251,970	24,302	82,568	93,037	5,811	44,301	145,101	70,045
1937	217,480	144,217	274,377	32,653	105,372	95,859	15,757	61,460	190,239	93,545
1938	196,806	104,690	276,268	25,448	90,423	47,535	35,147	34,181	162,812	55,933
1939	181,383	97,758	260,436	27,224	110,058	70,254	17,202	35,854	174,299	70,856

<sup>1</sup>Period July 1, 1915, to Dec. 31, 1920.<sup>2</sup>Iowa included with Chicago, beginning Sept. 23, 1939.

### No. 573.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE, BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1939—Continued

YEAR OR YEARLY AVERAGE	SAN FRANCISCO		WASHINGTON		YEAR OR YEARLY AVERAGE	SAN FRANCISCO		WASHINGTON	
	Ex-ports	Im-ports	Ex-ports	Im-ports		Ex-ports	Im-ports	Ex-ports	Im-ports
1860	4,868	7,867	—	—	1911	40,025	53,885	30,361	36,665
1865	9,989	15,802	688	12	1912	49,250	59,235	63,746	51,474
1870	18,992	15,983	428	35	1913	66,021	62,502	62,548	51,474
1871-1875	19,476	25,459	497	30	1914	63,375	67,111	55,012	56,392
1876-1880	27,718	29,798	486	33	1915	51,501	76,068	67,888	68,467
1881-1885	41,740	39,109	1,647	109	1915 (6 mos.)	41,807	42,290	46,161	55,933
1886-1890	33,036	44,344	2,708	417	1916	126,758	117,128	200,448	161,780
1891-1895	32,365	43,557	5,627	1,068	1917	175,136	231,979	196,932	239,078
1896-1900	36,607	40,443	13,948	6,399	1918	214,695	245,519	206,166	300,954
1901-1905	37,751	38,188	30,708	9,907	1919	240,518	238,027	292,274	195,919
1906-1910	32,758	49,226	38,567	23,409	1920	225,823	211,928	192,880	244,070
1911-1915	60,154	63,760	57,711	50,200	1921	126,111	97,120	90,327	58,589
1915-1920	186,317	197,613	222,702	206,562	1922	145,099	176,816	90,071	218,218
1921-1925	158,276	165,500	110,361	214,213	1923	160,432	166,685	116,088	202,166
1926-1930	183,286	195,351	136,836	212,134	1924	178,442	146,336	134,760	270,284
1931-1935	95,950	65,293	48,974	35,216	1925	183,292	196,537	120,567	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	174,555	199,909	129,513	239,284
1899	30,216	35,747	15,200	7,240	1928	201,265	198,275	150,817	229,024
1900	40,368	47,870	17,908	7,149	1929	206,018	212,678	153,874	216,774
1901	34,597	35,162	20,679	6,721	1930	147,663	155,504	102,665	113,708
1902	36,184	35,108	33,789	11,971	1931	112,257	85,776	67,269	55,344
1903	33,503	36,454	32,500	12,177	1932	82,003	58,228	36,093	55,289
1904	32,547	37,543	25,730	11,285	1933	84,512	55,514	37,326	28,802
1905	40,924	46,676	43,843	7,378	1934	91,686	54,976	53,740	23,367
1906	39,915	44,493	49,265	13,614	1935	108,393	71,060	49,539	37,274
1907	33,027	54,095	43,660	25,353	1936	98,560	71,065	61,990	33,254
1908	28,000	48,251	44,033	22,209	1937	137,097	87,751	92,551	39,805
1909	31,669	49,998	25,788	26,960	1938	135,128	58,014	69,076	20,266
1910	31,181	40,351	30,121	25,910	1939	120,158	59,593	78,333	34,451

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920. Source: See general note, p. 483.

### No. 574.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHEDULES: 1914 TO 1939

NOTE.—All money figures in thousands of dollars (for basis of dollar values, see general note, p. 483). Data cover fiscal years through 1938, calendar thereafter. Articles on which countervailing and antidumping duties are assessed are included. Free list commodities taxable under Revenue Acts are excluded from the various schedules since 1939. Percents represent average ad valorem rate or ratio of duties to values of dutiable merchandise

YEAR	Schedule 1.—Chemicals, oils, and paints			Schedule 2.—Earths, earthenware, and glassware			Schedule 3.—Metals, and manufactures of		
	Values	Duties	Per-cent	Values	Duties	Per-cent	Values	Duties	Per-cent
1914	60,314	13,100	21.72	25,222	10,187	40.39	50,743	12,190	24.02
1915	54,098	11,222	20.74	18,142	6,805	37.51	31,836	6,990	21.96
1916	52,806	9,309	17.63	13,024	4,677	35.91	33,245	6,300	18.98
1917	65,614	12,056	18.37	13,531	4,614	34.10	33,014	7,038	20.76
1918	65,762	10,807	16.98	13,444	4,707	35.01	38,227	6,515	20.51
1918 (6 months)	27,216	4,308	15.83	5,783	2,005	35.71	16,022	3,451	20.65
1919	108,151	19,922	12.87	14,933	5,009	33.55	43,186	8,072	20.08
1920	120,320	15,335	12.75	30,257	9,241	30.54	83,337	10,677	20.01
1921	64,753	14,144	21.84	28,591	9,364	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	26,969	29.95	60,182	23,526	39.09	103,307	35,013	33.89
1924	77,015	24,492	31.80	54,481	22,098	40.56	96,708	35,240	36.21
1925	93,746	27,465	29.30	56,301	24,529	43.50	113,684	38,061	34.27
1926	95,328	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	185,403	47,179	34.84
1928	92,633	28,011	30.24	53,321	25,865	48.51	131,021	44,251	35.08
1929	110,462	38,910	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	52,013	20,279	38.38	25,694	13,421	52.23	58,518	23,062	39.41
1932	36,437	16,041	44.02	15,285	8,320	54.47	32,810	12,355	37.06
1933	42,296	18,286	43.23	10,444	9,012	54.80	45,116	17,081	37.86
1934	45,438	17,375	38.24	19,195	10,675	55.01	57,802	20,284	35.03
1935	67,293	28,308	42.09	22,866	11,866	51.89	71,394	23,841	33.26
1936	69,309	25,341	36.56	28,132	13,998	49.76	94,890	29,707	31.31
1937	83,316	29,284	35.12	36,954	18,067	48.89	114,020	37,135	32.57
1938	51,958	19,417	37.37	24,603	11,040	44.75	68,172	21,463	31.54
1939	56,586	19,634	34.70	25,369	10,794	42.55	89,728	25,749	28.70

No. 574.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—  
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF  
SCHEDULES: 1914 TO 1939—Continued

[All figures except percentages in thousands of dollars]

YEAR	Schedule 4.—Wood, and manufactures of			Schedule 5.—Sugar, molasses, and manu- factures of			Schedule 6.—Tobacco, and manufactures of		
	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
1914.....	12, 182	1, 619	13. 29	108, 255	61, 870	57. 15	32, 332	26, 892	83. 17
1915.....	4, 457	709	15. 90	157, 571	49, 608	31. 48	23, 499	24, 875	84. 33
1916.....	4, 583	660	14. 40	205, 512	55, 876	27. 19	30, 195	27, 581	91. 34
1917.....	5, 207	756	14. 52	243, 354	55, 471	22. 79	37, 300	29, 837	79. 99
1918.....	4, 412	636	14. 41	240, 380	49, 093	20. 42	31, 963	21, 961	68. 76
1918 (6 months).....	1, 075	218	12. 99	87, 180	18, 260	20. 93	20, 309	12, 270	60. 42
1919.....	6, 090	852	13. 99	387, 233	68, 609	17. 72	51, 609	27, 563	53. 41
1920.....	13, 367	1, 979	14. 81	926, 467	79, 536	8. 58	63, 816	33, 695	52. 80
1921.....	9, 894	1, 540	15. 03	233, 451	71, 325	30. 55	66, 614	35, 950	53. 97
1922.....	13, 174	2, 373	18. 02	232, 941	147, 909	63. 52	62, 415	31, 789	50. 93
1923.....	18, 230	4, 001	21. 95	353, 873	128, 006	36. 19	64, 881	35, 831	55. 22
1924.....	18, 115	4, 161	22. 97	337, 862	135, 906	40. 23	67, 530	33, 941	50. 28
1925.....	18, 570	4, 164	22. 42	221, 347	139, 103	62. 84	68, 943	35, 423	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	166, 232	131, 190	83. 97	60, 116	39, 105	65. 05
1930.....	17, 140	3, 557	20. 76	116, 844	116, 809	99. 97	58, 152	40, 141	71. 49
1931.....	12, 749	2, 389	18. 73	74, 819	99, 631	133. 16	43, 201	32, 310	74. 79
1932.....	7, 515	1, 687	22. 44	45, 762	76, 061	166. 21	27, 314	22, 481	82. 31
1933.....	15, 449	3, 120	20. 26	44, 540	67, 408	151. 34	24, 754	21, 542	87. 02
1934.....	11, 156	2, 367	21. 13	64, 945	43, 708	67. 30	25, 235	22, 486	89. 10
1935.....	14, 723	3, 070	20. 85	65, 016	40, 048	42. 15	25, 868	22, 015	85. 11
1936.....	20, 052	2, 901	14. 05	113, 507	40, 575	35. 75	20, 931	28, 248	84. 34
1937.....	19, 861	3, 188	16. 05	126, 645	45, 371	35. 83	31, 776	24, 213	76. 20
1938.....	13, 503	2, 156	15. 97	95, 486	45, 506	47. 00	35, 803	24, 408	68. 17
1939.....	17, 002	2, 096	12. 33	90, 543	46, 218	51. 05	35, 990	23, 927	66. 47
YEAR	Schedule 7.—Agricultural products and provisions			Schedule 8.—Spirits, wines, and other be- verages			Schedule 9.—Cotton manufactures <sup>1</sup>		
	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
1914.....	122, 305	24, 817	20. 29	21, 764	19, 075	90. 40	32, 520	9, 260	28. 47
1915.....	87, 673	18, 036	20. 57	14, 393	13, 405	93. 14	24, 065	6, 442	26. 81
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, 596	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, 647	11. 25	3, 109	1, 628	52. 36	13, 622	3, 106	22. 80
1919.....	161, 168	15, 803	9. 80	2, 838	1, 194	51. 08	33, 220	7, 716	23. 23
1920.....	253, 569	24, 521	9. 70	2, 543	1, 157	45. 62	89, 275	21, 185	23. 74
1921.....	156, 497	26, 206	16. 75	3, 107	1, 515	47. 97	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	618	44. 67	68, 207	21, 946	32. 18
1924.....	335, 198	60, 093	25. 55	1, 065	431	40. 47	59, 681	15, 083	30. 15
1925.....	259, 917	60, 568	23. 30	1, 161	492	42. 38	40, 999	15, 347	30. 69
1926.....	270, 063	64, 373	23. 84	1, 150	450	39. 13	39, 842	13, 666	34. 30
1927.....	284, 253	64, 072	22. 54	1, 350	465	34. 44	40, 461	14, 661	35. 99
1928.....	282, 375	64, 140	22. 71	1, 346	483	35. 88	42, 456	15, 681	36. 93
1929.....	297, 161	68, 055	22. 90	1, 571	544	34. 63	42, 855	15, 627	36. 46
1930.....	215, 035	59, 695	27. 97	1, 363	490	31. 55	33, 282	13, 457	40. 43
1931.....	134, 337	56, 613	42. 14	1, 273	376	29. 53	28, 653	13, 595	47. 44
1932.....	90, 666	43, 418	47. 89	1, 149	418	36. 38	19, 249	9, 168	47. 63
1933.....	103, 941	46, 189	44. 44	9, 179	7, 414	80. 78	22, 600	10, 545	47. 86
1934.....	138, 787	53, 418	38. 49	50, 202	42, 103	83. 87	23, 892	10, 814	45. 26
1935.....	216, 043	87, 049	40. 29	42, 455	39, 033	91. 94	27, 166	10, 855	39. 96
1936.....	247, 053	90, 675	36. 66	77, 292	43, 589	56. 40	35, 114	14, 145	40. 28
1937.....	310, 156	100, 775	34. 43	74, 973	46, 093	61. 48	44, 052	17, 155	38. 94
1938.....	147, 657	51, 053	34. 58	59, 460	34, 498	58. 02	24, 288	9, 439	38. 87
1939.....	173, 808	56, 418	32. 46	59, 076	34, 206	57. 90	27, 284	9, 841	36. 07

<sup>1</sup> Laces, embroideries, etc., of cotton, flax, wool, silk, and rayon are included in Schedule 15, beginning 1914.

NO. 574.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHEDULES: 1914 TO 1939—Continued

[All figures except percentages in thousands of dollars]

YEAR	Schedule 10.—Flax, hemp, and jute, and manufactures of <sup>1</sup>			Schedule 11.—Wool, and manufactures of <sup>1</sup>			Schedule 12.—Silks and manufactures of <sup>1</sup>		
	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
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	8,610	27.85	18,363	6,129	33.39	28,305	11,928	42.14
1917	29,130	8,209	28.19	21,184	7,051	33.43	35,124	14,055	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	49,694	20,276	40.81
1920	35,026	13,362	38.15	49,800	16,720	33.57	55,793	21,773	39.02
1921	33,828	10,118	29.63	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	39,853	16,622	41.73
1923	121,126	24,632	20.34	162,016	91,466	56.45	40,794	21,692	53.18
1924	117,216	20,121	17.18	123,904	62,582	50.51	33,234	17,629	53.05
1925	143,723	25,084	17.48	162,458	71,019	43.71	40,304	21,388	53.07
1926	145,168	26,737	18.42	148,187	73,965	49.91	44,138	24,074	54.54
1927	129,524	26,525	20.48	127,707	67,219	52.64	51,293	28,815	56.18
1928	135,769	25,088	18.48	115,181	67,172	58.31	48,739	27,810	57.06
1929	124,409	24,600	19.81	121,636	61,815	50.82	47,156	27,349	58.00
1930	95,570	20,671	21.62	70,357	40,877	58.10	23,073	13,418	58.16
1931	57,780	15,927	27.56	82,339	24,488	29.73	13,395	7,036	52.24
1932	37,473	11,652	31.09	15,771	13,270	84.14	4,663	2,771	59.45
1933	47,129	12,959	27.50	22,600	20,539	90.64	4,038	2,027	50.28
1934	53,547	13,271	24.78	21,648	17,187	79.39	4,450	2,573	57.82
1935	62,449	15,088	24.16	28,765	23,463	81.55	6,044	3,569	58.88
1936	68,181	16,833	24.69	59,334	44,696	75.33	5,897	3,201	54.28
1937	77,659	19,029	24.50	82,500	51,017	61.84	8,736	4,766	54.44
1938	49,402	12,092	24.48	27,418	18,531	67.59	6,185	3,328	53.79
1939	54,765	10,829	19.77	49,271	33,624	68.24	5,286	2,776	52.52
	Schedule 13.—Rayon, and other synthetic textiles and manufactures of <sup>1</sup>			Schedule 14.—Papers and books			Schedule 15.—Sundries <sup>2</sup>		
1914				13,999	3,114	22.25	144,588	48,530	33.57
1915				9,386	1,989	21.19	100,817	37,159	36.86
1916				6,491	1,268	19.38	123,455	38,496	31.19
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)				2,769	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	233,008	68,704	29.37
1921				8,902	1,672	18.78	165,192	54,222	32.82
1922				12,806	2,776	21.67	197,513	65,370	33.00
1923				19,217	4,667	24.29	226,310	86,647	38.29
1924				18,729	4,813	25.70	216,846	86,696	40.17
1925				18,682	4,416	23.60	217,279	83,288	38.33
1926				21,403	5,241	24.42	229,078	86,448	37.74
1927				22,138	5,417	24.47	226,117	88,624	39.19
1928				25,910	7,881	30.42	215,657	81,810	37.94
1929				24,089	6,099	25.32	241,030	90,509	37.55
1930				19,428	5,024	25.86	174,513	65,166	37.34
1931				12,927	3,361	25.99	144,310	55,011	38.12
1932	3,854	2,377	61.44	8,187	2,183	26.66	95,189	38,518	40.46
1933	3,432	1,722	50.18	8,497	2,221	26.14	118,432	42,406	35.81
1934	1,270	808	63.62	9,482	2,348	24.76	117,794	41,547	35.27
1935	1,751	833	47.57	11,119	2,682	24.12	139,996	45,536	32.53
1936	5,230	2,199	42.04	18,206	3,026	16.62	171,349	52,099	30.41
1937	7,409	3,240	43.21	15,113	3,324	21.99	169,064	49,246	29.13
1938	6,041	2,274	37.64	11,970	2,531	21.14	110,444	33,959	30.75
1939	10,210	3,090	30.26	11,461	2,152	18.78	133,270	35,245	26.45

<sup>1</sup> Laces, embroideries, etc., of cotton, flax, wool, silk, and rayon are included in Schedule 15, beginning 1914.

<sup>2</sup> Schedules 12 and 13 prior to 1931.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce through 1936; thereafter, Treasury Department, Bureau of Customs, Annual Report of the Secretary of the Treasury on the State of the Finances.

NOTE.—See general note, p. 483. Figures for 1926-30 and 1931-35 are annual averages. For a number of items data are not shown separately for all years from 1926 to 1935, and averages for 2, 3, and 4 years are shown. In such cases the detail does not add to the group totals which always cover 5 years. Blanks indicate no data or data not shown separately

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
Total exports of domestic merchandise.....							4,687,788	1,988,914	2,418,969	3,288,929	3,057,169	3,123,343
GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE												
Total.....							233,340	91,072	58,158	62,440	69,259	75,593
Animals, edible.....							1,981	465	494	610	412	483
Cattle for breeding..... number.....	5,582	1,767	1,999	3,002	1,909	2,918	622	193	280	434	269	348
Other cattle..... do.....	7,835	3,022	2,241	1,176	1,149	530	319	95	60	46	50	33
Hogs (swine)..... do.....	32,936	5,974	202	284	303	1,002	558	66	8	10	15	15
Sheep <sup>1</sup> ..... do.....	12,233	5,384	1,142	2,224	1,682	864	180	65	44	71	32	13
Poultry, li ve..... 1,000 lbs.....	523	75	65	69	79	164	302	46	41	49	46	74
Meat products..... do.....	425,286	216,499	135,360	123,700	158,300	192,452	77,988	28,724	25,426	24,670	28,470	31,732
Beef and veal:												
Fresh or frozen..... do.....	2,408	3,382	4,144	4,494	4,738	6,214	503	537	677	775	788	1,049
Pickled or cured..... do.....	13,876	11,045	8,220	5,463	7,199	7,360	1,591	725	685	574	599	668
Horse meat..... do.....		3,495	1,303	1,063	2,077	1,845		274	128	121	234	189
Pork:												
Carcasses, fresh or frozen..... do.....	2,420	533	152	147			370	49	19	23		
Loins and other fresh pork..... do.....	10,845	15,278	2,594	4,091	9,255	31,246	1,966	1,728	444	699	1,332	3,655
Hams and shoulders, cured..... do.....	135,289	69,833	42,163	39,860	52,216	57,879	28,478	9,676	8,811	8,291	9,863	10,273
Bacon (all cured sides and backs, except pickled)..... 1,000 lbs.....	119,090	19,862	4,095	2,953	9,662	10,590	19,281	1,970	707	583	1,219	1,146
Cumberland and Wiltshire sides..... do.....	10,653	915	467	45	1,681	5,770	2,038	106	72	8	266	795
Other pork, pickled or salted..... do.....	33,427	14,863	10,520	9,009	14,082	14,972	4,860	1,195	1,196	1,143	1,426	1,283
Mutton and lamb..... do.....	1,044	463	482	557	493	486	230	81	90	100	87	77
Sausage, not canned..... do.....	3,807	2,253	1,140	1,261	1,221	1,243	1,115	449	251	282	265	266
Canned meats..... do.....	16,418	13,837	13,348	13,752	13,679	14,619	5,752	3,994	3,994	4,079	4,610	4,478
Beef..... do.....	2,323	1,655	2,029	2,051	1,588	2,709	838	507	626	880	670	534
Pork..... do.....	8,865	10,197	7,937	7,127	8,737	9,086	3,313	3,040	2,656	2,457	3,248	3,033
Sausage..... do.....	2,634	1,048	1,217	1,446	1,338	1,844	817	243	328	412	378	523
Other canned meats..... do.....	2,596	937	2,166	2,471	1,553	2,100	785	204	383	330	314	388
Poultry and game, fresh..... do.....	3,318	2,092	1,416	1,631	1,760	2,583	1,015	451	345	393	407	514
Kidneys, fresh, frozen, or cured..... do.....			8,940	6,931					1,201	702		
Livers, fresh, frozen, or cured..... do.....			2,448	1,877	11,383	12,060			335	237	1,407	1,246
Tongues, fresh, frozen, or cured..... do.....			4,713	3,667	4,768	4,862			772	600	736	773
Sausage ingredients, salted or otherwise cured..... 1,000 lbs.....	39,157	29,105					4,260	2,513				
Other meats, n. e. s..... do.....			2,117	1,219	1,791	2,550			206	107	150	181
			1,575	1,834	1,754	1,482			213	264	225	176

<sup>1</sup> Includes goats for 1933, 1934, and 1935.

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GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 00.—ANIMALS, ETC., EDIBLE—Continued</b>												
<b>Meat products—Continued.</b>												
Sausage casings:												
Hog casings.....1,000 lbs.	32,632	9,904	6,949	6,092	7,981	8,654	6,578	2,782	3,393	3,593	3,299	3,518
Beef casings.....do		18,249	17,364	16,375	11,219	6,391		1,788	1,265	1,356	849	566
Other casings.....do		1,385	1,210	1,379	1,342	1,645		406	626	741	709	880
<b>Animal oils and fats, edible.....do</b>												
Oleo oil.....do	835,262	496,255	198,885	146,176	213,513	288,325	109,210	34,427	15,069	17,242	19,099	21,229
Oleo oil.....do	72,631	30,696	9,131	5,711	5,360	5,466	8,607	2,014	943	702	492	476
Oleo stock.....do	9,346	6,598	3,616	2,656	2,874	4,894	1,059	442	347	324	251	469
Tallow.....do	5,977	3,980	709	267	260	276	507	200	58	33	22	19
<b>Lard, including neutral lard:</b>												
Lard.....do	722,360	444,327	111,292	135,950	204,603	277,272	95,660	31,004	13,494	15,987	18,295	20,222
Neutral lard.....do	18,867	5,061	877	523			2,671	405	112	116		
Oleo stearin.....do	5,183	5,233	1,153	601	181	153	565	319	101	60	13	13
Oleomargarine of animal or vegetable fats.....do	900	361	106	163	235	264	141	43	14	22	26	28
<b>Dairy products</b>												
<b>Milk and cream:</b>												
Fresh and sterilized.....1,000 gals.	194	65	67	64	42	48	77	48	51	53	37	43
Condensed (sweetened).....1,000 lbs.	36,669	9,729	2,370	7,972	5,427	2,289	5,791	1,457	278	972	634	253
Evaporated (unsweetened).....do	70,086	39,524	23,561	22,874	23,698	27,497	7,075	2,720	1,744	1,659	1,634	1,825
Dried whole milk.....do	4,314	4,932	1,793	2,126	3,819	6,260	1,114	809	595	716	1,364	2,285
Dried skimmed milk.....do			1,927	2,116	6,372	2,097			159	155	360	136
Butter.....do	4,080	1,392	826	800	1,959	2,308	1,877	374	267	293	572	660
Cheese.....do	2,904	1,378	1,136	1,156	1,451	1,480	836	278	267	279	310	314
Infants' foods, malted milk, etc.....do	2,339	1,671	2,438	3,227	3,676	4,624	677	463	754	1,013	1,153	1,620
<b>Fish</b>												
<b>Fresh:</b>												
Salmon.....1,000 lbs.	3,305	5,219	5,326	3,394	6,345	4,497	523	542	524	457	707	451
Other.....do	4,664	3,263	1,378	1,217	1,587	1,651	444	246	143	130	140	144
<b>Shellfish, not canned:</b>												
Oysters, fresh in shell, shucked, frozen, or in ice.....1,000 lbs.	7,323	8,585	5,655	6,256	5,323	4,052	1,094	830	375	424	374	319
Shrimp, fresh, frozen, or in ice.....do			2,084	2,715	332	381			245	346	55	48
Shrimp, dried.....do			1,494	1,460	1,710	1,457			258	275	304	245
Other shellfish, fresh, frozen, in ice, or dried, 1,000 lbs.			227	229	27	29						
<b>Fish, salted, pickled, or dry cured:</b>												
Salmon.....do	4,869	3,022	1,996	2,233	2,162	1,472	1,173	428	348	387	449	302

Cod, haddock, hake, pollock, cusk	do	1 <sup>a</sup> 10, 052	1 <sup>a</sup> 3, 656	628	1, 715	1, 056	1, 886	1 <sup>a</sup> 878	1 <sup>a</sup> 223	62	120	117	130
Other <sup>1b</sup>	do			3, 072	2, 711		1, 756			139	118		75
Fish, canned—													
Salmon	do	40, 193	35, 550	38, 893	37, 979	48, 291	40, 766	7, 003	4, 902	6, 404	6, 655	7, 269	6, 521
Sardines	do	91, 625	36, 827	42, 689	51, 998	40, 812	56, 813	7, 205	2, 207	2, 531	3, 462	2, 786	3, 870
Shellfish:													
Shrimp	do			5, 082	4, 563	5, 083	5, 939	857	553	818	911	994	927
Other	do	4, 135	3, 474	1, 055	967	1, 518	945			174	170	250	148
Other fish and fish products	do	8, 270	3, 738	1, 649	1, 632	3, 159	3, 450			764	246	353	400
Other edible animal products	do							6, 772	1, 029	816	850	1, 047	1, 397
Eggs, in the shell	1,000 doz	21, 237	3, 122	2, 068	2, 376	2, 092	2, 697	6, 139	727	587	652	621	695
Meat extracts and bouillon cubes	1,000 lbs	177	105	75	71	55	49	370	165	137	131	103	89
Gelatin	do	273	205	241	279	315	361	187	119	110	128	139	192
Other edible animal products, n. e. s.	do							76	16	17	136	535	456
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE													
Total								119, 117	47, 002	50, 295	53, 894	42, 801	43, 593
Hides and skins, raw, except furs	1,000 lbs.	51, 548	39, 978	31, 715	38, 818	44, 815		9, 022	3, 162	3, 686	6, 230	4, 751	4, 224
Cattle hides	do	31, 028	24, 831	12, 294	23, 211	32, 692	27, 812	4, 695	1, 687	1, 207	3, 431	3, 317	3, 016
Calf and kip skins	do	10, 319	7, 644	7, 435	5, 529	3, 739	1, 813	2, 361	825	1, 120	1, 189	584	381
Sheep and goat skins	do <sup>1c</sup>	1, 925	2, 044	2, 387	2, 323	1, 644	1, 230	561	229	458	669	312	376
Other hides and skins (including flesh and pickled splits)	1,000 lbs.	8, 374	5, 457	9, 599	7, 556	6, 740	5, 309	1, 406	422	901	941	538	451
Leather								47, 481	17, 120	16, 394	17, 335	12, 060	13, 042
Upper leather (except lining and patent):													
Cattle, side upper:													
Grain	1,000 sq. ft.	12, 692	6, 936	6, 398	7, 750	6, 263	7, 047	3, 476	1, 208	1, 076	1, 444	1, 028	1, 336
Black	do	2, 504	1, 821	2, 488	3, 060	1, 455	1, 836	654	265	381	500	221	346
Other	do	10, 188	5, 115	3, 910	4, 691	4, 808	5, 211	2, 821	940	695	944	808	990
Finished splits	do	3, 912	1, 953	1, 797	1, 472	1, 483	2, 117	623	190	246	241	177	250
Wax and rough splits	1,000 lbs.	2, 911	603	749	627	505	342	1, 278	183	130	137	72	53
Calf and kip	1,000 sq. ft.	25, 593	8, 402	8, 461	9, 147	7, 663	9, 054	8, 794	1, 796	1, 937	2, 411	1, 727	2, 270
Black	do	5, 192	2, 969	3, 237	3, 184	2, 420	3, 353	1, 831	608	715	804	525	804
Other <sup>2</sup>	do	20, 400	5, 413	5, 224	5, 964	5, 243	5, 721	6, 962	1, 159	1, 222	1, 607	1, 203	1, 465
Sheep and lamb	do	7, 769	5, 498	4, 845	4, 775	3, 039	2, 819	1, 005	413	537	592	306	313
Goat and kid upper leather (including glazed kid)	1,000 sq. ft.	46, 984	25, 185	28, 096	22, 248	17, 865	18, 775	13, 787	5, 694	6, 782	5, 796	3, 932	4, 231
Black	do	20, 243	11, 313	11, 560	10, 649	7, 953	8, 307	5, 697	2, 561	2, 887	2, 870	1, 693	1, 879
Other	do	26, 741	13, 871	16, 535	11, 599	9, 912	10, 467	8, 090	3, 133	3, 896	2, 926	2, 239	2, 352
Horse and colt	do	522	302	207	207	126	130	150	69	74	94	34	35
Other upper leather n. e. s.	do	2, 171	1, 003	958	1, 296	1, 402	967	627	211	219	306	265	197

<sup>1a</sup> Includes "Fish, smoked or kippered" which is with "Other fish and fish products" beginning 1936.

<sup>1b</sup> Included in "Other fish and fish products" in 1938.

<sup>1c</sup> 1,000 pieces beginning 1939.

<sup>2</sup> Includes suede calf and kip in 1931 and 1932.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 0.—ANIMALS, ETC., INEDIBLE—Continued</b>												
<b>Leather—Continued.</b>												
Patent upper leather:												
Patent side upper leather.....1,000 sq. ft..	27,243	25,796	13,558	13,574	10,689	6,243	8,600	4,329	2,398	2,766	1,786	1,221
Goat and kid.....do.....	2,468	486	412	322	93	107	1,118	167	112	99	22	33
Horse and colt.....do.....	918	317	289	228	182	232	353 321	65	56	47	36	53
Other.....do.....	1,007		1,170	948	2,203	2,257			188	142	201	206
Lining leather.....do.....			1,170	948	2,203	2,257			188	142	201	206
Sole leather:												
Bends, backs, sides.....1,000 lbs..	3,687	864	327	410	301	916	1,550	242	113	164	109	356
Other (including offal).....do.....	5,722	2,756	506	537	448	462	1,178	324	77	107	77	106
Soles and other cut stock.....do.....							314	128	169	255	184	230
Glove and garment leather:												
Sheep and lamb.....1,000 sq. ft..	1,022	259	617	641	1,446	1,759	165	33	78	92	156	237
Pig and hog.....do.....	5,090	2,260	3,338	1,737	1,481	1,314	936	613	819	663	492	399
Other glove and garment leather.....do.....				2,001	1,525	1,328				329	237	311
Other leather:												
Upholstery and automobile.....1,000 sq. ft..	2,535	1,259	1,213	1,549	1,357	952	488	199	223	246	201	172
Case, bag, and strap.....do.....	483	238	486	406	262	207	147	60	136	126	77	64
Reptilian and aquatic leather.....1,000 lbs..	* 201	140	41	76	70	20	* 1,005	498	133	254	220	78
Belting leather.....do.....			113	70	38	54			76	62	37	51
Sole and belting leather offal.....do.....			2,200	1,651	1,824	1,035	2,370	693	201	167	173	120
Other leather and tanned skins.....do.....									660	796	521	720
Leather manufactures.....do.....							16,935	4,338	6,638	7,965	8,651	10,268
<b>Leather footwear:</b>												
Boots and shoes, including athletic and sport-												
ing boots and shoes.....1,000 prs..	4,655	1,053	1,305	1,451	1,759	2,492	11,105	2,147	3,190	3,442	4,003	4,960
Athletic and sporting boots and shoes.....do.....	66	24	13	20			106	35	28	40		
Men's and boys'.....do.....	1,989	346	332	447	470	937	5,810	823	823	1,030	1,105	1,967
Women's and misses'.....do.....	1,805	540	814	823	1,097	1,308	4,332	1,151	2,197	2,215	2,708	2,771
Children's and infants'.....do.....	795	143	146	162	192	247	857	137	142	158	191	222
Slippers (all leather).....do.....			112	82	72	105			83	67	62	97
Footwear with leather soles, and uppers of mate-												
rials other than leather.....1,000 pairs..	375	214	171	244	478	469	387	146	120	183	326	289
Discontinued models, old styles, and second-hand											294	468
shoes.....do.....											82	88
Leather gloves and mittens.....doz. prs..	17,009	12,089	8,926	16,523	11,139	10,831	160	61	73	96	82	88
Harness and saddles.....do.....							308	41	36	58	33	32
Luggage and related articles.....thousands..	53	10	36	50	60	179	185	43	109	155	163	229
Women's and children's handbags, pocketbooks,												
and purses.....thousands..			1,974	2,328	2,807	3,281			1,142	1,456	1,708	1,834
Leather.....do.....					304	269					445	393
Other materials.....do.....	470	622			2,603	3,013	450	309			1,263	1,441
Card cases, change purses, brief cases, wallets,												
etc.....thousands..			382	320	325	387			126	100	102	110

Leather belting, new.....	1,000 lbs.	1,204	599	483	699	556	578	1,854	706	633	956	749	751
Leather welting.....										158	206	146	241
Leather belts.....											232	388	472
Leather wearing apparel (except footwear, leg- gings, and puttees).....								2,487	885	198	52	51	89
Other leather manufactures.....										768	964	543	608
<b>Furs and manufactures.....</b>								<b>31,347</b>	<b>17,194</b>	<b>19,139</b>	<b>17,873</b>	<b>14,130</b>	<b>11,259</b>
Undressed.....	1,000 pieces	16,835	17,013	11,876	10,441	11,033	11,875	25,819	14,439	15,315	13,604	11,360	9,391
Fox.....	do.	107	141	173	132	157	53	2,044	1,957	1,583	1,106	971	380
Muskrat.....	do.	4,117	6,433	3,391	2,521	6,005	6,562	4,150	3,329	3,585	2,834	4,038	4,576
Raccoon.....	do.	57	49	81	69	177	323	363	191	266	249	298	391
Skunk and civet cat.....	do.	2,627	2,078	2,311	1,921	950	780	5,570	2,324	3,051	3,059	1,050	776
Opossum.....	do.	5,194	5,211	3,959	3,767	2,150	2,589	6,038	3,226	2,123	2,116	920	683
Mink.....	do.			214	168	273	154			2,086	1,748	2,038	1,175
Other undressed furs.....	do.	4,733	3,100	1,747	1,862	1,320	1,415	7,654	3,412	2,622	2,491	2,044	1,410
Dressed on the skin:													
Fox, silver and black <sup>4a</sup> .....	do.	27	7	11	6	1	1	576	130	120	98	39	21
Muskrat.....	do.	59	66	39	108	86	19	63	27	26	92	47	19
Fur-seal.....	do.		6	4	3	5	1		85	117	68	93	31
Other dressed or dyed furs.....	do.	1,945	1,072	922	459	253	211	3,005	1,059	1,193	1,155	697	490
Fur wearing apparel (except fur-felt hats).....	number	5,302	2,489	7,557	5,308	4,035	3,709	194	56	111	129	108	128
Fur waste, pieces, and damaged skins.....								1,345	1,221	1,961	2,496	1,630	1,000
Other fur manufactures.....								344	212	296	232	157	179
<b>Animal oils and greases, inedible.....</b>	<b>1,000 lbs.</b>	<b>78,338</b>	<b>64,827</b>	<b>20,347</b>	<b>8,882</b>	<b>7,775</b>	<b>25,574</b>	<b>6,995</b>	<b>2,740</b>	<b>1,562</b>	<b>951</b>	<b>652</b>	<b>2,073</b>
Neat's-foot oil.....	do.	1,295	988	707	907	845	615	217	123	98	135	114	92
Other inedible animal oils.....	do.	916	2,044	800	771	505	15,428	94	110	82	87	45	1,118
Fish oils.....	do.	1,049	3,801	2,154	1,949	2,677	2,279	134	180	328	304	216	266
Grease stearin.....	do.	2,438	1,587	1,345	384	891	544	233	90	75	30	60	30
Oleic acid, or red oil.....	do.	2,931	1,376	511	182	194	1,129	263	78	39	20	18	97
Stearic acid.....	do.	1,491	487	485	391	294	1,252	176	44	48	47	31	150
Tallow, inedible.....	do.			2,313	883	469	2,042			164	66	34	135
Other animal greases and fats.....	do.	68,215	54,544	11,449	3,415	1,899	2,285	5,878	2,114	729	260	135	180
<b>Other inedible animals and animal products.....</b>								<b>7,336</b>	<b>2,447</b>	<b>2,879</b>	<b>3,540</b>	<b>2,556</b>	<b>2,732</b>
<b>Animals.....</b>								<b>3,770</b>	<b>1,011</b>	<b>1,228</b>	<b>1,313</b>	<b>1,222</b>	<b>1,193</b>
Horses for breeding.....	number	569	137	194	188	172	154	248	75	118	151	81	83
Other horses.....	do.	10,740	2,153	3,021	1,816	841	676	316	305	530	394	405	202
Mules, asses, burros.....	do.	16,994	2,736	1,901	1,850	1,766	2,544	1,908	396	246	380	346	495
Fur animals.....	do.	9,484	1,538	505	1,056			3634	20	8	48	390	413
Other live animals.....								671	215	327	341	248	297
Feathers, crude, not dressed.....	1,000 lbs.	7,333	6,791	6,855	8,237	5,072	6,920	698	333	293	485	248	297
Feathers, dressed, and manufactures of.....								177	72	75	135	89	149
Glue of animal origin.....	1,000 lbs.	2,449	963	1,197	1,121	966	1,429	421	170	205	211	181	262
Sponges.....	do.	110	75	54	55			159	80	66	73	816	830
Other animal products, inedible.....								2,110	780	1,012	1,324		

<sup>3</sup>1930 only. <sup>4</sup>"Athletic shoes, sandals, overgaiters, leggings, puttees, and other leather footwear" prior to 1936; beginning January 1938, athletic and sporting boots and shoes distributed among various types of leather boots and shoes.

<sup>4a</sup>Includes "Other fox" prior to 1938; beginning 1933 "Other fox" is included in "Other dressed furs."

<sup>5</sup>Average for years 1933-35.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 1.—VEGETABLE FOOD PRODUCTS AND BEVERAGES</b>												
Total							519,974	171,057	143,504	219,465	363,134	236,662
<b>Grains and preparations</b>							819,282	55,391	29,556	94,143	223,490	99,550
Barley:												
Grain.....1,000 bus. of 48 lbs.	28,527	6,998	7,377	11,473	16,130	5,410	24,333	3,883	4,646	8,467	9,136	3,345
Malt.....1,000 bus. of 34 lbs.	2,982	272	54	198	136	375	3,074	264	64	368	205	450
Buckwheat.....1,000 bus. of 48 lbs.	186	143	( <sup>o</sup> )	360	77	346	195	91	1	255	58	229
Corn:												
Grain.....1,000 bus. of 56 lbs.	20,481	3,823	524	5,834	147,505	32,117	19,537	1,973	552	3,885	94,497	19,802
Meal.....1,000 bbls. of 196 lbs.	330	140	87	76	109	136	1,611	489	363	357	383	467
Hominy and corn grits.....1,000 lbs.	17,078	10,165	10,301	9,674	15,445	14,872	353	164	227	287	264	254
Kafir and milo.....1,000 bus. of 56 lbs.	1,365	1,857	2	88	675	2	1,187	826	2	90	378	2
Corn cereal foods, ready to eat.....1,000 lbs.	7,279	1,670	2,091	2,116	1,871	2,794	559	188	257	270	211	316
Oats:												
Grain.....1,000 bus. of 32 lbs.	8,032	1,558	517	6,728	8,517	226	4,066	404	179	2,372	2,726	108
Oatmeal, groats, and rolled oats:												
In bulk (sacks or bags).....1,000 lbs.	82,298	8,292	1,043	2,304	3,731	3,121	4,277	168	35	75	109	98
In packages (cases or cartons).....do.		14,806	12,556	14,657	15,547	16,896		1,263	1,226	1,446	1,471	1,549
Rice:												
Paddy or rough rice.....do.	226,777	155,676	4,362	12,373	20,978	16,081	8,962	4,330	88	297	421	272
Milled rice, including brown.....do.			19,036	196,002	297,725	291,705			644	6,133	7,830	8,883
Screenings, flour, meal, and broken rice.....do.	63,430	27,617	88	449	6,676	1,479	1,791	328	3	15	127	33
Rye, grain.....1,000 bus. of 56 lbs.	13,216	254	6	4,262	3,347	86	14,637	128	4	3,750	2,299	71
Wheat:												
Grain.....1,000 bus. of 60 lbs.	116,155	32,075	1,879	34,848	86,902	63,214	152,145	19,537	1,851	38,711	78,087	36,815
Flour wholly of domestic wheat.....1,000 bbls. of 196 lbs.	12,650	5,375	978	2,270	3,703	5,693	78,502	19,700	4,534	11,927	15,731	16,950
Other wheat flour.....do.			2,682	2,183	1,511	2,054			12,965	13,339	7,418	7,624
Biscuits and crackers.....1,000 lbs.	11,238	3,921	4,395	4,940	5,630	6,150	1,974	653	824	973	1,072	1,074
Macaroni, spaghetti, noodles, vermicelli, and alimentary paste.....1,000 lbs.	9,236	2,729	1,946	3,048	3,130	4,423	791	203	159	256	240	307
Wheat cereal foods, ready to eat.....do.	3,353	619	721	600	602	626	325	79	92	77	79	87
Wheat cereal foods, to be cooked.....do.		774	856	783	969	1,048		82	80	81	95	103
Cereal foods, n. e. s.....do.	3,024	2,355	2,419	1,778	1,458	1,414	355	208	252	231	209	239
Wheat semolina.....do.		1,307	3,140	2,291	2,686	3,979	1,030	31	78	76	72	101
Other grains and preparations.....do.								423	431	395	382	372
<b>Fodders and feeds</b>							26,656	9,412	7,432	12,920	11,953	10,471
Hay.....tons.	11,625	2,873	2,161	41,435	61,297	2,800	256	57	39	389	537	60
Oil cake and oil-cake meal.....tons of 2,240 lbs.	535,408	294,657	237,886	379,765	323,676	301,648	24,392	7,613	6,324	11,456	9,561	9,021

Cottonseed cake.....do.....	175,447	63,983	1,983	31,291	27,077	894	7,513	1,324	48	845	728	26		
Linseed cake.....do.....	253,870	173,291	177,233	287,651	195,386	224,586	12,465	4,990	4,704	8,592	5,872	6,807		
Other oil cake.....do.....	14,053	20,695	17,830	1,314	16,416	6,149	515		405	39	403	149		
Cottonseed meal.....do.....	81,835	21,288	4,127	17,100	20,160	6,086	3,410		443	134	515	600		
Linseed meal.....do.....	7,950	9,227	10,594	19,086	9,003	10,870	385		297	376	713	381		
Soybean oil-cake meal.....do.....						46,457			142	658	752	1,270		
Other oil-cake meal.....do.....	2,253	6,174	26,099	23,323	60,684	6,596	103					178		
Fish meal for feed.....do.....		12,419	4,431	1,051		335			523	183	43	65		
Mixed dairy and poultry feeds.....do.....	<sup>10</sup> 7,120	4,470	3,245	4,129	10,333	10,859	<sup>10</sup> 344		173	145	177	375		
Oyster shells.....do.....	<sup>10</sup> 46,151	51,258	58,961	53,320	36,280	48,539	<sup>10</sup> 470		385	374	351	244		
Other prepared and mixed feeds.....do.....	24,010	3,067	2,018	4,410	12,576	3,246			930	184	124	492		
Other feeds, bran, middlings, etc.....do.....	26,708	24,983	9,018	9,999	25,491	17,220			751	476	243	288		
<b>Vegetables and preparations</b> .....									22,057	9,571	12,221	18,976	13,312	17,243
Beans, dried.....1,000 lbs.....	23,880	8,602	6,446	5,486	10,844	49,782	1,394		335	253	266	420	1,988	
Peas, dried.....do.....	8,520	3,196	6,068	10,032	12,895	18,637			587	167	215	364	839	
Vegetables, fresh.....do.....									8,884	4,242	6,121	6,710	6,931	7,774
Potatoes, white.....1,000 lbs.....	140,940	68,028	77,646	109,347	124,953	161,196	2,956		821	1,488	1,410	1,465	2,252	2,552
Onions.....do.....	31,464	25,501	44,798	40,038	55,970	51,858	744		425	730	781	1,093	723	723
Peas, green.....do.....			2,199	2,511	2,363	3,283				106	125	126	135	135
Beans.....do.....			5,136	4,393	6,819	5,783				253	241	305	298	298
Tomatoes.....do.....			15,147	16,253	22,179	24,405		5,184		539	638	621	858	858
Other fresh vegetables.....do.....										3,005	3,516	3,519	3,508	3,508
<b>Vegetables, canned</b> .....1,000 lbs.....	80,959	33,634	36,611	49,009	40,599	56,554	7,820		3,232	3,674	4,571	3,616	4,465	4,465
Asparagus.....do.....	16,639	15,527	16,096	16,402	11,839	11,820	2,533		1,892	2,179	2,389	1,671	1,909	1,909
Baked beans and pork and beans.....do.....	12,456	4,757	5,144	5,837	5,506	10,245	979		263	278	308	242	425	425
Corn.....do.....	6,360	2,077	2,223	2,594	2,339	2,855	484		155	167	199	174	199	199
Peas.....do.....	6,444	3,144	3,220	4,525	4,670	5,302	566		259	250	342	345	368	368
Soups.....do.....	24,524	2,494	2,907	2,907	3,100	10,296	2,316		274	266	284	302	764	764
Tomatoes.....do.....	5,503	2,939	2,470	2,017	1,877	2,836	363		175	170	127	119	148	148
Tomato paste and puree.....do.....				7,250	3,865	3,848					313	187	243	243
Tomato juice.....do.....				3,425	3,141	3,337			579	224	364	391	194	194
Other canned vegetables and juices.....do.....	9,054	2,695	4,781	4,046	4,262	6,014					245	186	510	510
Pickles.....do.....	3,361	1,410	2,206	2,510	2,074	2,117	309		156	243	271	353	201	201
Ketchup and other tomato sauces.....do.....	8,898	3,297	3,146	4,191	4,087	4,523	1,209		306	329	396	370	383	383
Mayonnaise and salad dressings.....do.....						851							155	155
Other sauces and relishes.....do.....	3,152	1,720	2,158	2,487	2,834	2,558			670	313	388	464	480	480
Vinegar.....1,000 gals.....	279	239	241	262	358	287			151	86	77	83	86	86
Yeast.....1,000 lbs.....	3,588	3,084	3,714	3,974	4,208	4,318			664	553	645	635	691	691
Other vegetable preparations.....do.....									367	201	277	214	250	250
<b>Fruits and nuts</b> .....									122,234	84,798	80,607	82,164	99,061	83,218
<b>Fruits and preparations</b> .....									120,761	88,223	78,531	80,008	96,119	80,922
<b>Subtropical fruits</b> .....									18,699	13,490	16,384	11,246	20,085	15,980
Grapefruit.....1,000 boxes.....	744	1,056	977	670	1,143	1,179					2,221	2,027	2,027	1,749
Lemons.....do.....	265	283	638	242	792	792					1,064	1,263	2,341	2,186
Oranges.....do.....	3,335	4,032	4,241	2,477	8,069	6,937			14,135	9,776	11,323	8,347	15,658	11,265
Pineapples.....boxes.....	50,862	29,092	27,103	30,962	25,658	29,267			162	78	70	73	60	60
<b>Other fresh fruits</b> .....do.....									40,200	26,498	22,432	22,222	26,887	18,944
Apples in boxes.....1,000 boxes.....	8,102	8,348	5,974	5,427	8,039	5,555			17,418	11,843	8,848	8,096	9,978	7,458
Apples in baskets.....1,000 baskets.....		11,990	467	399	887	1,077				11,884	837	787	1,594	1,455
Apples in barrels.....1,000 bbls.....	2,502	1,587	819	692	945	582			12,408	6,640	3,409	2,782	3,132	1,679

\* Less than 500.

† Includes corn flour prior to July 1, 1927.

‡ Average for years 1928-30.

§ 1935 only.

\*\* Includes babassu cake, if any.

‡‡ Average for years 1929 and 1930.

‡‡‡ Average for years 1932-35.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.</b>												
<b>Fruits and nuts—Continued.</b>												
<b>Fruits and preparations—Continued.</b>												
<b>Other fresh fruits—Continued.</b>												
Berries.....1,000 lbs.	11,226	7,053	5,920	7,396	6,654	9,254	1,163	549	570	622	570	732
Grapes.....do.	55,082	31,573	45,134	69,789	80,166	59,116	2,121	1,329	2,108	3,281	3,674	2,184
Pears.....do.	77,493	110,229	133,651	130,450	177,134	97,193	4,515	4,219	4,878	4,963	6,181	3,284
Peaches.....do.	17,411	6,459	16,304	7,190	10,769	9,520	666	202	451	393	245	286
Melons.....do.		* 22,295	28,044	30,345	24,233	25,659			415	439	386	371
Cherries.....do.			834	1,073	1,428	1,691			81	111	111	160
Prunes and plums.....do.			14,495	11,208	16,129	13,938	1,909	1,009	564	589	808	522
Other fresh fruits.....do.									321	320	188	233
<b>Dried and evaporated fruits.....1,000 lbs.</b>	<b>459,929</b>	<b>412,359</b>	<b>337,981</b>	<b>420,068</b>	<b>494,084</b>	<b>398,046</b>	<b>33,279</b>	<b>23,158</b>	<b>20,133</b>	<b>24,966</b>	<b>25,591</b>	<b>21,900</b>
Dried fruits for salads.....do.	* 10,044	14,134	8,473	12,873	17,099	17,903	3,722	824	633	752	970	1,033
Pears.....do.	10 5,594	6,813	7,211	6,200	8,432	6,301	10 586	500	565	463	571	431
Raisins.....do.	163,551	108,858	92,952	145,303	154,735	144,895	10,170	5,482	4,895	8,136	7,537	7,010
Apples.....do.	31,781	33,483	22,126	25,084	25,699	25,499	3,563	2,684	1,970	2,191	1,855	1,894
Apricots.....do.	20,860	30,420	25,795	28,249	36,334	32,650	3,345	3,260	3,287	3,229	3,790	3,697
Peaches.....do.	7,217	7,377	6,440	6,201	8,696	5,937	766	558	566	616	641	465
Prunes.....do.	217,528	206,015	167,393	189,151	235,388	157,702	13,575	9,575	7,764	9,204	9,808	7,067
Other.....do.	14,747	5,259	7,539	7,008	7,700	5,159	1,480	273	452	376	358	303
<b>Canned fruits.....do.</b>	<b>267,510</b>	<b>274,820</b>	<b>258,086</b>	<b>268,465</b>	<b>328,850</b>	<b>361,372</b>	<b>26,554</b>	<b>19,640</b>	<b>18,953</b>	<b>21,064</b>	<b>23,228</b>	<b>25,061</b>
Grapefruit.....do.		19,516	29,368	32,183	38,479	48,777		1,127	1,782	1,742	2,457	2,660
Loganberries.....do.		5,050	3,827	960	4,212	3,968		390	283	84	340	308
Other canned berries.....do.	12 9,810	776	1,118	1,141	1,376	1,201	12 1,054	87	131	131	139	112
Apples and apple sauce.....do.	17,651	16,234	13,655	13,385	13,519	17,128	986	677	638	623	596	742
Apricots.....do.	28,086	21,152	23,669	22,260	33,670	38,187	2,682	1,474	1,728	1,721	2,251	2,523
Cherries.....do.	1,830	1,022	1,905	2,106	5,554	3,672	304	123	198	243	452	332
Peaches.....do.	80,501	75,423	68,706	59,543	86,235	91,709	7,040	4,844	4,634	4,566	5,516	5,647
Pears.....do.	60,872	76,105	57,077	63,068	77,610	77,795	6,195	5,194	4,064	4,569	5,228	5,488
Pineapples.....do.	43,090	20,931	23,962	29,428	18,436	23,350	4,049	1,656	1,911	2,532	1,468	1,792
Fruits for salad.....do.	10 31,108	35,041	30,405	37,890	42,266	47,970	10 4,620	3,759	3,207	4,247	4,286	4,869
Other canned fruits.....do.	15,138	3,572	4,393	6,501	5,490	7,615	1,608	308	378	604	495	589
Preserved fruits, jellies, and jams.....do.	2,064	734	1,239	1,143	964	1,191	390	120	188	197	180	181
Other fruit preparations.....do.	23,061	2,605	2,067	1,622	1,609	1,401	2,659	315	389	413	186	177
<b>Nuts.....do.</b>	<b>10,494</b>	<b>16,699</b>	<b>19,591</b>	<b>20,192</b>	<b>23,871</b>	<b>19,507</b>	<b>1,453</b>	<b>1,574</b>	<b>2,076</b>	<b>2,157</b>	<b>2,943</b>	<b>2,294</b>
Peanuts.....do.	4,464	2,243	256	407	619	750	383	96	25	44	62	73
Pecans.....do.			1,806	2,614	3,853	2,488			361	434	590	432
Walnuts.....do.			12,670	10,359	12,829	8,146		1,244	1,244	1,045	1,684	921
Apricot and peach kernels.....do.	6,031	14,456	4,859	5,379	5,023	6,596	1,069	1,479	446	371	343	546
Other nuts.....do.				1,434	1,547	1,527				262	263	322
<b>Vegetable oils and fats, edible.....do.</b>	<b>33,938</b>	<b>21,318</b>	<b>16,565</b>	<b>18,431</b>	<b>21,692</b>	<b>54,416</b>	<b>4,297</b>	<b>1,811</b>	<b>1,497</b>	<b>1,977</b>	<b>1,870</b>	<b>4,981</b>

Coconut oil, edible.....	do.	11,876	1,581	3,690	1,777	2,270	10,128	104	221	149	138	672	
Cottonseed oil, refined.....	do.	8,578	8,578	3,573	4,524	4,133	9,082	1,313	651	447	354	747	
Soybean oil.....	do.	5,416	2,984	2,954	5,748	6,412	12,111	562	206	261	503	480	
Corn oil.....	do.	580	982	929	4,444	6,113	130	81	78	76	47	15	
Cocoa butter.....	do.	846	2,554	1,043	1,460	2,647	13,586	265	319	186	310	335	
Cooking fats, other than lard.....	do.	12,349	3,099	1,623	1,723	2,255	3,237	1,643	325	211	235	246	
Other edible vegetable oils and fats.....	do.	<sup>12</sup> 3,588	1,541	2,753	2,755	3,863	6,093	<sup>12</sup> 542	128	239	286	303	
<b>Cocoa and coffee.....</b>	<b>do.</b>	<b>19,091</b>	<b>10,837</b>	<b>14,760</b>	<b>16,578</b>	<b>15,126</b>	<b>20,261</b>	<b>5,527</b>	<b>2,914</b>	<b>2,619</b>	<b>2,788</b>	<b>2,485</b>	<b>3,427</b>
Cocoa, powdered.....	do.	2,623	1,791	3,251	4,518	4,260	4,352	365	214	291	396	355	400
Chocolate, including sweetened.....	do.	936	752	1,255	1,109	1,265	1,324	214	109	167	176	220	260
Coffee, green.....	do.	12,209	5,342	6,871	6,978	5,622	8,841	3,481	865	1,004	898	681	1,107
Coffee, roasted.....	do.	2,164	1,818	2,205	2,845	2,833	4,514	758	440	485	616	619	940
Coffee extracts and substitutes.....	do.	1,159	934	1,179	1,128	1,147	1,229	709	586	671	702	611	720
<b>Spices.....</b>	<b>do.</b>	<b>1,850</b>	<b>1,080</b>	<b>1,869</b>	<b>1,473</b>	<b>1,089</b>	<b>1,430</b>	<b>261</b>	<b>149</b>	<b>216</b>	<b>235</b>	<b>165</b>	<b>244</b>
<b>Sugar and related products.....</b>	<b>do.</b>	<b>214,102</b>	<b>160,976</b>	<b>123,432</b>	<b>140,381</b>	<b>123,564</b>	<b>249,111</b>	<b>18,052</b>	<b>6,670</b>	<b>6,796</b>	<b>7,670</b>	<b>7,364</b>	<b>13,206</b>
Sugar, refined.....	1,000 lbs.	7,950	5,117	19,496	12,503	11,902	19,885	7,268	2,951	2,722	3,099	2,537	6,984
Molasses.....	1,000 gals.							722	241	560	426	504	544
<b>Confectionery.....</b>	<b>do.</b>	<b>1,993</b>	<b>1,151</b>	<b>1,601</b>	<b>1,728</b>	<b>1,531</b>	<b>1,915</b>	<b>582</b>	<b>262</b>	<b>351</b>	<b>420</b>	<b>337</b>	<b>397</b>
Chocolate candy.....	1,000 lbs.				5,461	5,447	5,872				687	672	749
Other candy.....	do.	11,390	4,851	5,223	886	674	1,146	1,939	662	764	221	210	265
Confections, n. e. s.....	do.												
Chewing gum.....	do.	3,826	2,169	2,816	3,182	2,619	2,966	1,624	816	982	1,177	1,005	1,154
Honey.....	do.	8,585	3,718	1,127	2,543	3,441	2,561	765	238	103	210	237	179
Glucose (corn sirup).....	do.	119,088	42,602	33,905	27,750	41,815	49,481	4,066	1,141	927	892	1,134	1,354
Grape sugar (corn sugar).....	do.	6,965	3,144	6,523	7,774	11,652	14,508	245	118	281	364	557	617
Sirup, including maple.....	1,000 gals.	2,829	581	284	380	407	2,378	842	141	106	175	171	964
<b>Beverages.....</b>	<b>do.</b>	<b>3,488</b>	<b>1,151</b>	<b>1,135</b>	<b>1,200</b>	<b>996</b>	<b>2,296</b>	<b>1,610</b>	<b>1,139</b>	<b>2,559</b>	<b>3,592</b>	<b>3,404</b>	<b>4,324</b>
Malt extract and sirup.....	1,000 lbs.			656	833	742	709	390	117	104	109	91	164
Malt liquors <sup>13</sup> .....	gals.									430	521	466	446
Distilled liquors and wines <sup>13</sup> .....	1,000 pf. gals.	191	19					87	25	70	212	207	734
Whisky.....	do.			6	33	40		221		30	139	139	610
Mineral waters, natural and artificial.....	1,000 gals.	201	77	73	90	92		179	64	58	77	74	71
Fruit juices <sup>13</sup> .....	do.			1,981	2,627	2,952	3,813			1,343	1,813	1,898	1,823
Sirups and flavors for beverages.....	do.	<sup>10</sup> 362	784	401	509	558	612	<sup>10</sup> 620	729	437	685	585	1,016
Other beverages <sup>13</sup> .....	do.	437	223	119	249	143	90	706	204	116	176	84	70
<b>GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD</b>	<b>do.</b>	<b>290,407</b>	<b>163,181</b>	<b>205,941</b>	<b>218,603</b>	<b>226,621</b>	<b>176,201</b>						
<b>Total.....</b>	<b>do.</b>	<b>290,407</b>	<b>163,181</b>	<b>205,941</b>	<b>218,603</b>	<b>226,621</b>	<b>176,201</b>						
<b>Rubber and manufactures.....</b>	<b>do.</b>	<b>20,507</b>	<b>10,827</b>	<b>15,866</b>	<b>29,667</b>	<b>16,584</b>	<b>28,246</b>	<b>87,368</b>	<b>22,981</b>	<b>23,444</b>	<b>32,079</b>	<b>27,181</b>	<b>39,855</b>
Rubber, reclaimed.....	1,000 lbs.	43,160	52,074	38,542	70,650	60,084	96,791	1,598	484	720	1,435	890	1,426
Rubber, scrap.....	do.							2,089	980	717	1,535	1,013	1,535
Rubber cement <sup>14</sup> .....	1,000 gals.									196	333	481	749
Rubberized automobile cloth.....	1,000 sq. yds.	<sup>10</sup> 1,615	702	227	563	311	199	<sup>10</sup> 811	316	231	256	150	103
Other rubberized piece goods and hospital sheeting.....	1,000 sq. yds.	1,687	879	1,229	1,982	2,087	2,814	795	341	496	848	798	1,023

<sup>10</sup> 1930 only.  
<sup>11</sup> 1935 only.

<sup>12</sup> Average for years 1929 and 1930.  
<sup>13</sup> Average for years 1927-30.

<sup>14</sup> "Fruit juices" for 1926 to 1929 and "Wines" and "Malt liquors" prior to 1936 are included with "Other beverages."  
<sup>15</sup> Included with "Other cementing preparations" in Group 8, p. 567, prior to 1936.



GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE—Con.</b>												
<b>Rubber and manufactures—Continued.</b>												
Rubber footwear:												
Boots.....1,000 prs.....	1,126	209	68	110	81	98	2,495	448	152	248	175	215
Shoes.....do.....	2,283	326	200	252	197	174	2,418	227	94	154	112	107
Canvas shoes with rubber soles.....do.....	5,415	552	220	405	469	627	3,716	318	126	245	327	422
Rubber soles.....1,000 doz. prs.....	<sup>8</sup> 1,473	{ 39	{ 28	{ 44	{ 34	{ 48	{ 1,496	{ 85	{ 51	{ 87	{ 63	{ 102
Rubber heels.....do.....		{ 460	{ 454	{ 530	{ 393	{ 459		{ 266	{ 270	{ 318	{ 217	{ 256
Rubber soles and top lift sheets.....1,000 lbs.....		{ <sup>9</sup> 307	{ 423	{ 612	{ 461	{ 573		{ <sup>9</sup> 58	{ 79	{ 116	{ 84	{ 164
Rubber gloves and mittens.....doz. prs.....	96,610	66,615	63,438	95,234	100,030	123,900	277	146	142	202	217	266
Rubber water bottles and fountain syringes thousands.....	383	252	269	301	268	294	239	98	96	125	91	101
Other druggists' rubber sundries.....							422	328	515	621	607	821
Rubber balloons.....1,000 gross.....	<sup>12</sup> 688	340	415	502	595	433	943	298	364	395	468	336
Rubber toys and balls.....							{ 72	{ 148	{ 195	{ 166	{ 210	{ 210
Bathing caps.....1,000 doz.....	162	75	66	50	42	55	356	135	91	79	83	107
Rubber bands.....1,000 lbs.....		{ 305	{ 244	{ 281	{ 247	{ 242		{ 597	{ 88	{ 119	{ 100	{ 101
Rubber erasers.....do.....	925	338	368	402	342	311		{ 192	{ 210	{ 230	{ 186	{ 177
Hard-rubber goods:												
Electrical hard-rubber goods.....							271	130	210	289	242	256
Combs, finished.....1,000 doz.....				112	217	185	388	166	254	73	95	109
Other hard-rubber goods.....								245		164	160	160
Tires:												
Casings, automobile.....thousands.....	2,387	1,150	858	1,016	850	1,182	30,092	11,042	9,846	13,237	11,264	16,275
Truck and bus.....do.....	<sup>10</sup> 370	256	174	241	252	404	<sup>10</sup> 8,808	4,425	3,468	5,079	4,082	8,092
Other automobile.....do.....	<sup>10</sup> 2,280	894	684	775	597	778	<sup>10</sup> 21,815	6,617	6,378	8,158	6,302	8,183
Automobile inner tubes.....do.....	1,581	759	596	622	524	848	3,232	924	920	973	865	1,414
Other casings and tubes.....do.....	99	48	51	85	73	129	272	126	231	570	588	996
Solid tires:												
For automobiles and motor trucks.....number.....	64,148	8,152	5,048	4,096	2,541	3,672	2,049	225	154	119	75	63
Other.....1,000 lbs.....	1,664	1,338	1,058	1,055	437	176	1,608	169	166	171	80	41
Tire sundries and repair materials												
Rubber and friction tape.....1,000 lbs.....	1,492	698	669	755	667	733	1,609	498	648	770	712	883
Clothing of rubber or of rubberized cloth.....1,000 doz.....			192	396	305	276	438	176	179	208	198	208
Rubber belts and belting:								281		583		615
Fan belts for automobiles.....1,000 lbs.....				733	562	625				416	301	359
Other rubber and balata belting.....do.....	4,808	2,310	2,649	{ 3,256	2,808	3,312	2,675	1,041	1,390	{ 1,713	1,468	1,790
Rubber hose and tubing.....do.....	7,438	3,760	4,844	6,027	5,075	11,283	2,678	1,077	1,644	2,146	1,808	4,282
Rubber packing.....do.....	2,351	1,182	1,522	1,761	1,126	1,473	1,096	451	643	520	778	635
Rubber thread.....do.....	1,583	1,312	908	676	491	666	1,792	817	507	366	335	581
Mats, matting, flooring, and tiling.....do.....			1,477	1,170	1,067	1,318			264	379	165	193
Gutta-percha manufactures.....do.....			1,005	1,068	963	1,507	2,631	1,275	269	310	301	441
Other rubber manufactures.....									1,113	1,393	1,216	1,881
<b>Naval stores, gums, and resins</b>												
Naval stores:												
Rosin.....1,000 bibls. <sup>13</sup> .....	1,270	1,118	1,196	1,028	847	936	20,008	8,113	11,236	14,612	7,396	8,967

Gum rosin.....do. <sup>14</sup>	1,105	910	874	748	508	594	17,596	6,643	8,514	11,208	4,818	5,888
Wood rosin.....do. <sup>15</sup>	165	206	321	280	389	341	2,412	1,470	2,723	3,405	2,578	3,078
Gum spirits of turpentine.....1,000 gals..	14,271	11,342	12,342	11,539	9,771	9,842	8,392	4,931	5,175	4,233	2,292	2,627
Wood turpentine.....do.....	324	782	1,448	2,060	1,884	2,023	459	341	573	773	499	547
Pine oil.....do.....	10,413	739	1,405	1,730	1,523	1,682	10,215	405	762	1,032	834	902
Tar and pitch of wood.....bbls. <sup>16</sup>	19,964	8,214	18,881	38,555	33,410	36,694	218	82	171	323	256	327
Sulphate resin.....1,000 lbs..	4,253	4,731	7,192	7,339	5,989	9,819	1,188	851	1,006	1,167	1,051	1,583
Other gums and resins.....do.....						8,656						
<b>Drugs, herbs, leaves, and roots, crude</b>							3,341	1,544	1,871	1,506	1,781	1,584
Ginseng.....1,000 lbs..	194	214	295	137	167	150	2,421	1,088	1,236	706	1,029	703
Other crude vegetable drugs.....do.....	4,880	3,986	4,417	5,122	4,124	5,045	919	455	635	800	752	861
<b>Oilseeds</b> .....do.....	2,875	77,337	109,179	86,164	161,410	637,475	140	895	1,890	1,858	2,144	10,890
Soy beans.....do.....	2,875	77,337	109,179	86,164	158,680	627,741	140	895	1,890	1,431	2,052	10,603
Other oil seeds.....do.....				9,923	2,731	9,734				427	92	303
<b>Vegetable oils</b>							8,122	3,689	4,331	4,337	3,349	5,179
Expressed oil and fats, inedible:												
Coconut oil.....1,000 lbs..	23,132	19,442	18,820	7,133	4,813	15,263	1,907	709	621	445	184	586
Cottonseed oil, crude.....do.....	31,115	17,914	332	2,726	428	3,880	2,531	635	28	185	24	245
Linseed oil.....do.....	2,171	881	973	987	890	2,566	257	83	96	114	93	253
Vegetable soap stock.....do.....	10,955	15,816	19,396	10,363	8,560	11,472	647	607	955	743	473	452
Other expressed oils and fats.....do.....	7,495	2,471	5,005	2,077	2,923	3,073	788	155	292	202	206	508
Essential or distilled oils:												
Peppermint.....do.....	183	261	386	349	372	396	701	601	874	895	870	994
Citrus oils <sup>16</sup> .....do.....	10,36	121	285	322	262	393	10,110	106	345	412	337	508
Spearmint and other mint oils, n. e. s.....do.....			31	29	30	38			56	56	57	75
Other natural essential and distilled oils.....1,000 lbs..	2,786	1,448	1,260	1,283	728	962	1,197	734	715	776	628	853
Blended, compounded, or mixed perfume-flavored oils.....1,000 lbs..			150	251	222	347			349	508	476	705
<b>Vegetable dyeing and tanning extracts</b>							2,135	1,703	1,758	1,754	1,329	1,748
Logwood extracts.....1,000 lbs..	2,111	1,097	787	683	605	543	213	126	103	91	82	87
Chestnut.....do.....	5,949	4,227	2,335	1,588	3,175	7,731	183	124	77	50	79	246
Other (vegetable and chemical).....do.....	32,293	33,927	37,166	40,919	29,003	33,342	1,738	1,453	1,578	1,613	1,168	1,415
<b>Seeds, except oilseeds</b> .....do.....	28,743	16,628	12,052	17,659	17,774	20,270	3,488	1,911	1,659	2,821	1,972	2,391
Field and garden seeds:												
Alfalfa.....do.....	915	890	284	3,098	355	449	189	104	46	352	68	84
Red clover.....do.....	676	1,079	125	463	183	224	144	145	19	54	26	43
Other clover.....do.....	698	651	99	174	130	489	133	120	13	44	24	89
Timothy.....do.....	13,520	6,700	4,003	3,232	4,492	10,406	880	374	200	154	189	496
Other grass seeds.....do.....	6,284	4,476	4,419	7,425	10,466	6,149	974	497	599	857	899	757
Other field seeds.....do.....	2,931	951	1,020	460			254	44	72	51		199
Flower seeds.....do.....	3,719	1,881	2,102	2,806	2,148	2,309	914	628	711	809	766	723
Vegetable seeds.....do.....												
<b>Nursery and greenhouse stock</b>							676	273	390	454	465	403
Flowers and foliage, cut, fresh and preserved							171	63	126	135	149	181
All other nursery or greenhouse stock							505	210	264	319	316	222

<sup>14</sup> Average for years 1928-30.  
<sup>15</sup> 1935 only.

<sup>16</sup> Average for years 1929 and 1930.  
<sup>17</sup> Average for years 1927-30.

<sup>18</sup> Of 500 pounds.  
<sup>16</sup> "Orange oil" prior to 1932.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE—Con.</b>												
<b>Tobacco and manufactures</b> .....							168, 311	111, 601	147, 898	147, 772	170, 028	92, 341
Tobacco, unmanufactured.....1,000 lbs..	545, 676	442, 352	425, 269	434, 796	489, 093	358, 489	144, 549	103, 742	137, 332	134, 520	155, 671	77, 422
Leaf tobacco.....do.....	535, 348	422, 379	406, 810	417, 759	472, 854	327, 216	144, 115	102, 926	136, 666	134, 192	155, 304	76, 826
Bright flue-cured.....do.....	366, 638	307, 419	315, 943	327, 696	385, 219	245, 977	114, 217	86, 881	123, 853	117, 980	139, 180	63, 136
Burley.....do.....	9, 215	11, 420	10, 469	10, 419	11, 749	11, 693	1, 650	1, 617	2, 047	2, 519	2, 545	2, 486
Dark-fired Kentucky and Tennessee.....do.....	100, 217	68, 387	49, 473	52, 663	48, 374	41, 710	16, 004	7, 491	5, 724	7, 299	7, 005	6, 250
Dark Virginia.....do.....	20, 173	11, 725	9, 333	9, 693	8, 545	8, 272	4, 735	2, 248	2, 062	2, 332	2, 059	1, 858
Maryland and Ohio export.....do.....	13, 175	7, 729	6, 100	5, 321	4, 609	6, 332	2, 358	1, 872	1, 197	1, 137	1, 278	1, 414
Green River.....do.....	13, 831	3, 635	3, 577	2, 061	3, 692	2, 263	2, 515	700	496	497	841	575
One-sucker leaf.....do.....		1, 161	818	219	494	2, 094		114	76	24	51	151
Black fat, water baler, dark African.....do.....	12 3, 962	9, 092	10, 296	8, 693	7, 699	7, 212	12 836	1, 483	1, 787	1, 738	1, 491	1, 420
Cigar leaf.....do.....	2, 075	1, 724	649	920	2, 529	1, 497	640	486	372	618	790	463
Other leaf tobacco.....do.....	6, 856	87	151	123	143	166	1, 328	35	52	48	63	74
Stems, trimmings, and scrap tobacco.....do.....	10, 327	19, 973	18, 459	17, 037	16, 239	31, 273	433	816	666	328	366	596
<b>Tobacco manufactures</b> .....							18, 762	7, 850	10, 566	13, 252	14, 357	14, 919
Cigars and cheroots.....thousands.....		5, 364	5, 331	16, 148	5, 973	5, 443		404	398	554	333	330
Cigarettes.....millions.....	3, 344	3, 016	4, 629	5, 667	6, 368	6, 761	16, 137	6, 076	8, 658	11, 022	12, 202	12, 646
Chewing tobacco, plug and other.....1,000 lbs..	3, 624	1, 890	1, 798	2, 062	1, 871	1, 970	1, 774	772	716	822	756	822
Smoking tobacco (including cigar cuttings).....1,000 lbs..	1, 128	985	1, 189	703	792	847	727	652	718	480	485	558
Other tobacco manufactures.....do.....	264	118	163	668	1, 005	1, 050	124	278	74	353	532	662
<b>Miscellaneous vegetable products</b> .....							11, 476	3, 882	3, 777	3, 882	6, 045	7, 221
<b>Starch:</b>												
Cornstarch and corn flour <sup>17</sup> .....1,000 lbs..	214, 430	60, 360	48, 303	42, 054	189, 231	190, 579	7, 165	1, 804	1, 514	1, 363	4, 284	4, 481
Other starch.....do.....	3, 232	838	950	890	897	1, 912	289	46	50	51	60	91
Broomcorn.....tons.....	4, 283	3, 029	2, 580	1, 741	1, 699	1, 952	556	201	291	212	181	224
Brooms.....dozs.....	17, 718	8, 900	7, 406	9, 186	9, 146	9, 004	91	36	31	37	35	38
Hops.....1,000 lbs..	10, 051	5, 151	3, 424	5, 668	4, 822	4, 682	2, 242	1, 168	703	1, 409	955	1, 596
Other inedible vegetable products.....							1, 133	527	1, 187	809	540	791
<b>GROUP 3.—TEXTILES</b>												
<b>Total</b> .....							954, 913	436, 951	436, 808	467, 292	322, 941	357, 441
<b>Cotton, unmanufactured</b> .....(1,000 bales..	8, 287	7, 317	5, 642	6, 024	4, 561	4, 807						
(1,000 lbs.....	4, 328, 362	3, 875, 201	2, 974, 147	3, 223, 169	2, 442, 023	2, 562, 283	765, 674	366, 539	361, 023	363, 660	228, 647	242, 965
<b>Raw cotton, except linters</b> .....(1,000 bales..	8, 112	7, 147	5, 409	5, 728	4, 316	4, 559						
(1,000 lbs.....	4, 227, 832	3, 768, 548	2, 826, 078	3, 034, 778	2, 283, 437	2, 404, 493	759, 985	362, 542	353, 822	360, 023	224, 293	239, 222
<b>Long staple (1½ inches or over):</b>												
American-Egyptian (Pima).....(1,000 bales..	10 4	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )	( <sup>o</sup> )						
(1,000 lbs.....	2, 088	298	1	144	69	90	10 671	46	( <sup>o</sup> )	37	16	20
(1,000 bales.....	878	143	21	57	52	59						
Other.....(1,000 lbs.....	458, 897	74, 796	10, 937	30, 642	27, 333	31, 284	89, 318	7, 304	1, 485	3, 461	2, 817	3, 216

Upland (under 1½ inches)-----	1,000 bales... 7,232	7,003	5,387	5,670	4,264	4,499	670,399	355,192	352,337	356,586	221,460	235,983
	1,000 lbs... 3,768,101	3,693,514	2,815,090	3,003,922	2,261,035	2,373,119						
Linters-----	1,000 bales... 175	170	233	296	245	248	5,690	3,998	7,205	8,036	4,354	3,743
	1,000 lbs... 100,530	106,653	148,069	188,390	153,586	157,790						
Cotton semimanufactures-----	do... 107,562	95,525	118,758	170,590	145,502	148,316	21,237	8,023	10,674	16,017	11,675	12,026
Cotton pulp-----	do... 11 28,885	30,499	48,628	44,060	39,552	39,552						
Cotton rags, except paper stock-----	do... 16,207	13,992	16,246	24,956	12,536	19,058	1,145	696	896	1,421	2,940	2,388
Cotton batting, unglazed wadding, carded cotton, and roving-----	1,000 lbs... 8 389	654	617	511	372	910						
Cotton card strips and comber waste-----	do... 9 10,705	13,531	24,169	23,323	30,925	30,925	6,561	1,132	1,317	2,277	1,878	2,328
Other soft wastes-----	do... 66,157	44,493	50,110	64,213	46,870	41,806						
Cotton hard wastes of yarns and threads, including wiping-----	1,000 lbs... 24,965	11,138	5,748	8,113	9,926	7,133	13,488	3,843	2,182	3,168	3,088	3,594
Cotton yarn for manufacturing-----	do... 13,507	6,761	3,425	5,269	6,990	3,826						
Carded yarn, gray-----	do... 12 10,102	3,390	1,633	1,820	1,495	1,808	4,585	1,434	993	1,566	1,719	528
Carded yarn, bleached, colored, and novelty-----	1,000 lbs... 12 10,102	3,390	1,633	1,820	1,495	2,501						
Mercerized, all kinds-----	do... 12 1,911	987	690	1,024	1,441	1,445	12 961	365	261	387	454	488
Combed yarn: Not finished or mercerized-----	do... 12 1,911	987	690	1,024	1,441	352						
Finished, except mercerized-----	do... 102,842						36,400	33,004	43,645	45,311	56,292	135
Cotton manufactures-----												
Cotton thread, twine, cordage, and rope: Sewing thread-----	1,000 lbs... 1,113	827	928	1,059	1,005	1,399	1,136	697	744	961	836	1,159
Crochet, darning, and embroidery cotton-----	1,000 lbs... 104	19	30	31	35	35						
Tire cord in cones or warps-----	do... 4,266	2,442	2,672	3,067	2,830	462	1,629	700	845	1,044	839	1,045
Twine, rope, and cordage-----	do... 521,180	291,264	200,501	238,251	319,841	3,799						
Cloth, duck, and tire fabric-----	1,000 sq yds... 521,180	291,264	200,501	238,251	319,841	367,461	72,288	26,269	21,874	28,279	30,560	36,549
All cotton cloth when exported to Philippine Islands to be embroidered and otherwise manufactured and returned to United States <sup>17a</sup> -----	1,000 sq yds... 10,542			10,542	14,044	10,725						
Tire fabric: Cord-----	do... 2,980	692	1,167	4,077	2,589	6,563	1,296	218	324	1,118	708	1,612
Other-----	do... 1,265	584	913	1,673	1,511	1,609						
Cotton duck, except bleached and colored-----	do... 10,031	4,986	5,131	6,543	7,286	7,970	3,424	1,047	1,254	1,665	1,482	1,700
Heavy filter cloth, hose, and belting duck <sup>17b</sup> -----	1,000 sq yds... 8 586	401	529	559	492	675						
Ounce duck-----	do... 5,300	2,901	2,644	3,641	4,274	4,343	1,516	436	450	685	632	665
Numbered, biscuit, and naught duck <sup>17b</sup> -----	do... 4,379	1,684	1,959	2,344	2,520	2,952						

<sup>6</sup> Less than 500.

<sup>8</sup> Average for years 1928-30.

<sup>9</sup> 1935 only.

<sup>10</sup> Average for years 1929 and 1930.

<sup>11</sup> Average for years 1932-35.

<sup>12</sup> Average for years 1927-30.

<sup>17</sup> Cornstarch only prior to July 1, 1927; prior to that date corn flour was included with corn meal.

<sup>17a</sup> Included under "Cotton sheetings 40 inches wide and under (bleached)," "All other bleached," and "Voiles" prior to 1937.

<sup>17b</sup> Paper dryer included in "Numbered, biscuit, and naught duck" beginning 1939; included in "Heavy filter" in previous years.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
GROUP 3.—TEXTILES—Continued												
Cotton manufactures—Continued.												
Cloth, duck, and tire fabric—Continued.												
Cotton cloth, unbleached.....1,000 sq. yds..	122, 034	76, 656	51, 749	47, 158	76, 312	79, 257	11, 178	4, 372	3, 681	3, 437	4, 163	4, 334
Cotton cloth (gray), medium and coarse yarn fabrics:												
Drills, twills, and warp sateens												
1,000 sq. yds..	\$ 11, 649	5, 803	4, 849	4, 024	5, 203	4, 781	\$ 1, 405	459	471	443	423	439
Sheatings, 40 inches and under ".....do.....	\$ 71, 526	50, 429	25, 603	27, 933	50, 679	46, 981	\$ 6, 030	2, 561	1, 573	1, 908	2, 610	2, 519
Sheatings over 40 inches ".....do.....	\$ 1, 476	715	607	888	1, 507	937	\$ 163	51	56	82	104	69
Osmaburgs.....do.....	\$ 19, 970	14, 501	16, 460	7, 060	10, 921	10, 894	\$ 1, 976	1, 012	1, 274	619	666	734
Printcloth yarn (gray) fabrics, all widths: ".....do.....						9, 130						134
Tobacco and cheese cloth.....1,000 sq. yds..												259
Other printcloth yarn fabric constructions												180
1,000 sq. yds..						4, 564						
do.....	\$ 16, 993	5, 208	4, 231	7, 253	8, 001	1, 970	\$ 1, 121	288	303	385	355	180
Cotton cloth, bleached and colored ".....do.....												
1,000 sq. yds..	384, 871	208, 345	141, 540	166, 258	217, 898	261, 336	55, 977	20, 490	16, 377	20, 461	22, 564	27, 623
Finished cloth, bleached, dyed, printed, stiffened or otherwise converted, and colored yarn fabrics:												
40 inches wide and narrower:												
Drills, twills, and warp sateens:												
Bleached.....1,000 sq. yds..						6, 212						883
Dyed in the piece.....do.....						11, 512						1, 919
Printed.....do.....						2, 090						260
Sheeting:												
Bleached.....do.....						7, 209						575
Dyed in the piece.....do.....						4, 619						460
Printed.....do.....						5, 437						588
Wider than 40 inches:												
Drills, twills, and warp sateens.....do.....						1, 014						329
Sheeting:												
Bleached.....do.....						6, 968						702
Dyed and printed.....do.....						1, 375						200
Printcloth yarn fabrics:												
Carded broadcloth:												
Bleached.....do.....						12, 812						1, 116
Dyed in the piece.....do.....						23, 375						2, 013
Printed.....do.....						5, 993						681
Cheese cloth and gauze, bleached or dyed												
1,000 sq. yds..						1, 826						95





Other fabricated products of cotton, n. e. s.:											1,886
Cotton bags.....1,000 lbs.											258
Canvas articles.....											1,298
Other cotton manufactures, n. e. s.....											1,296
Jute manufactures.....											2,366
Jute yarn, cordage, and twine.....1,000 lbs.											45
Bags of jute.....do.											2,059
Other jute manufactures.....do.											263
Flax, hemp, and ramie manufactures.....											468
Other vegetable fiber manufactures.....											1,013
Cordage, except of cotton or jute:											
Binder twine.....1,000 lbs.											221
Manila cordage.....do.											293
Other cordage.....do.											74
Oakum.....do.											129
Other vegetable fiber, straw, or grass manufactures.....											297
Wool, mohair, and Angora rabbit hair, unmanufactured.....1,000 lbs.											99
Wool semimanufactures.....do.											1,016
Wool rags.....do.											719
Wool noils and waste.....do.											225
Wool yarns.....do.											72
Wool manufactures.....											2,688
Fabrics wholly or chiefly of wool:											
Wool cloth and dress goods.....1,000 lbs.											205
Mohair cloth.....1,000 lbs.											209
Other wool fabrics.....1,000 lbs.											27
Carpets and rugs of wool.....sq. yds.											280
Wool felts.....1,000 lbs.											97
Wool wearing apparel:											
Knitted bathing suits.....doz.											201
Other knit goods.....											213
Men's and boys' overcoats, suits, pants.....1,000 pieces.											254
Women's and children's wool clothing.....do.											563
Other wool or mohair manufactures.....											641

<sup>10</sup> Average for years 1929 and 1930.<sup>12</sup> Average for years 1927-30.<sup>11</sup> Leaders are shown for many items in this group for which comparable figures are not available owing to changes in classifications.



GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS											
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939						
<b>GROUP 3.—TEXTILES—Continued</b>																		
<b>Hair and manufactures</b>							2,488	1,606	2,044	2,994	2,289	1,731						
Hair, unmanufactured:																		
Cattle and ox body hair.....1,000 lbs.	8,109	6,744	6,736	7,441	9,336	5,062	810	394	686	857	691	411						
Other cattle and ox hair.....do				2,148	1,280	1,741				286	97	174						
Hog hair.....do				6,418	7,932	6,756				6,305	783	624	414					
Horse hair.....do				11,013	13,288	3,366				3,807	3,503	489	1,355	1,102	653	902	644	242
Other hair.....do																		
Hair felt and other hair manufactures							302	110	160	166	177	260						
<b>Silk manufactures</b>							17,298	5,954	6,905	7,117	6,064	7,686						
Tram, organzine, and hard twists.....pounds	151,454	262,781	180,981	178,088	212,503	418,268	813	767	494	571	624	1,502						
Spun silk.....do			162,876	212,751	165,133	139,386	567	101	455	674	429	653						
Sewing, embroidery, and crochet silk.....do	76,540	23,341	33,404	36,695	34,675	44,851	567	103	103	130	89	159						
Fabrics wholly or chiefly of silk:																		
Broad silks.....1,000 yds.	3,498	1,659	785	631	559	580	3,529	1,148	532	486	385	427						
Velvets, plushes, and chenilles <sup>1a</sup> .....1,000 sq. yds.		78	147	20	9	8	101	100	162	25	15	10						
Silk and velvet ribbons <sup>1b</sup> .....1,000 yds.	3,087	1,788					172	59	104	124	117	111						
Silk wearing apparel:																		
Underwear.....number	68,167	79,686	140,402	179,345	119,530	122,281	134	91	171	180	156	140						
Dresses, skirts, waists, and blouses.....do	186,775	179,439	254,062	190,999	175,556	163,727	1,627	911	1,180	958	752	694						
Hosiery.....1,000 doz. pairs	835	283	442	458	500	603	8,531	1,873	2,610	2,802	2,897	3,271						
Women's and children's seamless.....do	<sup>8</sup> 76	22	42	59	87	148	<sup>8</sup> 561	94	135	184	250	432						
Women's full fashioned.....do	<sup>8</sup> 616	237	367	366	383	418	<sup>8</sup> 7,328	1,688	2,364	2,500	2,537	2,709						
Men's socks.....do	<sup>8</sup> 119	23	32	33	31	37	<sup>8</sup> 657	91	111	117	110	130						
Other silk wearing apparel							538	120	121	163	103	76						
Waste rags and old used stockings.....1,000 lbs.				6,125	4,220	5,223	1,281	784	973	588	332	468						
Other silk manufactures									438	166	175	175						
<b>Rayon and other synthetic textiles<sup>1cd</sup></b>							6,908	3,565	7,504	10,447	11,080	15,289						
Rayon waste.....1,000 lbs.					964	1,401					84	118						
Yarn, single and plied.....do	313	1,355	1,730	1,282	1,333	1,694	442	746	958	809	764	893						
Piece goods, wholly or chiefly rayon and other synthetic fibers:																		
• Pile (velvets, etc.).....1,000 lbs.			146	110	201	505			222	220	303	617						
.....1,000 sq. yds.			556	351	567	1,316												
Knit fabrics in the piece.....1,000 lbs.						117						117						
Other woven fabric <sup>1e</sup> .....1,000 lbs.			2,713	3,674	3,735	5,956	<sup>8</sup> 2,218	1,410	3,369	4,858	4,546	6,388						
.....1,000 sq. yds.			11,380	16,821	16,241	24,282												
Remnants and mill ends.....1,000 lbs.						295						123						

Dresses, skirts, blouses, and other outerwear for women:															
Not knit or crocheted.....	thousands.....		339	598	914	1,282	1,824	3,418	3,418	1,544	2,615	3,358	4,440		
Knit or crocheted.....	do.....			77	116	224	306	306		224	313	563	681		
Other knit outerwear.....													61		
Hosiery.....	1,000 doz. prs.....	1,085	179	149	209	161	236	3,418	376	300	405	322	439		
Women's and children's.....	do.....	559	100	56	67	51	78	1,802	218	103	126	95	137		
Men's socks.....	do.....	359	78	93	142	110	158	1,008	158	198	279	227	301		
Knit underwear.....	doz.....	32,241	51,022	77,752	87,636	69,792	72,879	248	197	252	299	231	235		
Woven underwear.....	do.....						59,763						279		
Sleeping and lounging garments, knit or woven	doz.....						6,901						131		
Ribbons, braids, fringes, and narrow trimmings.....								111	77	210	270	244	324		
Other synthetic textile manufactures.....								1,404	576	426	657	616	442		
<b>Miscellaneous textile products.....</b>								<b>22,386</b>	<b>8,613</b>	<b>10,985</b>	<b>12,723</b>	<b>12,295</b>	<b>13,808</b>		
Linoleum.....	1,000 sq. yds.....	1,192	164	197	328	256	291	309	107	104	161	138	172		
Felt base floor coverings.....	do.....	4,225	1,689	1,923	2,264	1,858	1,678	1,542	432	467	565	469	376		
Oilcloth.....	do.....	10,085	6,256	8,785	8,441	6,466	7,785	2,214	913	1,233	1,263	972	1,143		
Window-shade and book cloth.....	do.....	3,042	1,653	775	840	841	1,141	561	231	116	140	135	176		
Pyroxylin leather cloth.....	do.....		1,022	1,417	1,780	1,805	2,715		413	522	672	626	887		
Other coated or impregnated fabrics.....	do.....	6,799	1,353	2,581	3,685	3,837	4,619	3,851	538	860	1,243	1,252	1,410		
Waterproof outer garments except rubber	thousands.....	371	146	79	80	82	59	768	255	172	167	153	115		
Corsets, brassieres, and girdles.....	1,000 pieces.....	1,361	903	2,060	2,307	2,628	3,262	1,845	961	1,586	1,614	1,911	2,028		
Neckties, cravats, and scarfs of all fibers.....	1,000 doz.....					63	78					266	323		
Hats of straw or fiber and materials.....								516	263	322	408	397	444		
Hat braid of straw or other fiber.....	1,000 yds.....	8,194	5,852	5,185	12,638			95	51	30	55	52	64		
Hats of straw, palm leaf, etc.....	thousands.....	599	355	503	512	477	523	419	212	286	353	345	380		
Hats and caps, except straw or other fiber:															
Men's and boys' fur-felt hats.....	thousands.....	381	88	98	141	103	149	1,744	289	258	342	245	354		
Women's and children's fur-felt hats.....	do.....	64	33	50	39	57	67	189	64	94	33	103	123		
Wool-felt hats.....	do.....	271	97	159	199	176	182	289	82	115	153	142	206		
Other hats, caps, and berets.....	do.....	1,039	636	946	838	792	719	776	282	419	456	371	282		
Hat trimmings, artificial flowers, etc.....								373	127	257	315	148	152		
Mattresses, cotton, kapok, moss, hair.....	number.....	25,248	9,982	14,661	16,099	19,721	19,614	173	80	145	148	180	161		
Absorbent cotton, gauze, and sterilized bandages	1,000 lbs.....	3,410	2,563	2,396	2,473	3,641	5,794	2,278	1,212	1,184	1,226	1,612	2,306		
Elastic webbing.....	1,000 yds.....	31,681	15,979	18,649	18,801	18,873	21,844	1,278	567	769	787	728	940		
Not over 1½ inches wide.....	do.....		16,023	17,673	17,534	17,771	20,370		327	433	450	358	488		
Over 1½ inches wide.....	do.....		956	1,076	1,266	1,102	1,474		240	336	337	340	452		
Garters, arm bands, suspenders, and braces.....								862	113	147	185	170	182		
Other textile manufactures.....								2,330	1,695	2,165	2,808	2,278	2,008		

<sup>a</sup> Average for years 1923-30.

<sup>b</sup> 1935 only.

<sup>c</sup> Leaders are shown for many items in this group for which comparable data are not available owing to changes in classifications.

<sup>d</sup> Velvet and plush ribbons included with "Velvets, plushes, and chenilles" prior to 1931.

<sup>e</sup> Includes pile fabrics prior to 1936 and knit fabrics and remnants prior to 1939.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 4.—WOOD AND PAPER</b>												
<b>Total</b> .....							186,694	80,694	100,042	137,274	94,128	100,310
<b>Wood, unmanufactured</b>							12,841	4,925	6,332	7,660	4,561	3,333
Logs and hewn timber:												
Hardwoods.....1,000 ft. b. m.	16,358	17,789	25,197	23,947	24,290	21,654	1,160	724	1,199	1,621	1,124	748
Ash and hickory.....do	<sup>10</sup> 4,931	3,285	4,292	5,609	3,973	1,255	<sup>10</sup> 295	171	218	276	200	67
Walnut.....do	<sup>10</sup> 1,530	419	1,086	1,135	688	489	<sup>10</sup> 356	128	293	386	188	153
Other hardwoods.....do	<sup>10</sup> 10,358	14,085	19,819	17,203	19,623	19,910	<sup>10</sup> 547	426	688	959	736	526
Softwoods:												
Douglas fir.....do	89,258	47,944	131,995	78,604	67,062	70,808	567	493	1,259	1,251	884	858
Cedar.....do	175,861	56,807	39,572	17,264	7,486	5,395	4,027	998	624	543	376	196
Western red.....do			22,904	7,613	867	624			325	139	16	8
Port Oxford.....do			15,964	7,919	5,406	2,222			264	355	303	135
Other (include Eastern).....do			704	1,732	1,213	2,549			35	49	58	53
Hemlock.....do		65,068	87,784	31,874	3,262	3,644		558	709	323	34	41
Other softwoods.....do	104,977	32,608	42,137	17,934	10,747	20,498	1,634	330	470	298	152	263
Railroad ties, hewn: <sup>1000</sup>												
Crescoted or otherwise treated.....thousands	28,595	14,875	16,975	26,460	29,225	14,403	1,114	475	563	933	995	524
Other.....do	98,700	62,965	40,425	90,580	4,935	1,891	2,209	738	653	1,504	84	28
Piling.....1,000 lin. ft.	5,389	3,670	4,373	4,844	2,560	1,858	1,349	460	694	911	511	383
Telegraph, trolley, and electric-light poles.....number	112,177	18,357	21,242	32,719	45,005	55,290	579	84	80	155	154	205
Firewood and other unmanufactured.....1,000 cu. ft.	2,838	1,598					201	65	80	121	246	97
<b>Wood, semimanufactures—sawmill products</b> .....	2,937,526	1,360,056	1,284,020	1,443,205	977,304	1,104,157	104,580	38,574	44,573	55,749	37,647	41,212
Sawed timber.....1,000 ft. b. m.	683,323	331,332	390,283	303,613	153,773	180,668	17,685	6,173	6,379	7,820	4,900	5,619
Softwoods:												
Southern pine.....do	145,719	81,679	74,315	64,126	57,070	59,796	6,256	3,125	3,398	3,445	3,036	3,358
Douglas fir.....do	505,683	242,254	211,204	233,459	91,899	114,985	10,150	2,797	2,686	3,965	1,511	1,853
Cedar.....do	7,440	792	1,366	1,555	752	118	274	41	71	95	52	7
Other softwoods.....do	24,327	4,218	1,634	1,589	1,303	1,301	616	89	118	133	148	163
Hardwoods.....do	1,573	471	549	383	289	308	103	23	33	22	18	19
Crescoted or otherwise preserved:												
Southern pine.....do	3,371	1,490	1,059	2,188	2,202	2,401	223	78	65	143	122	142
Other sawed timber.....do	1,209	429	156	313	258	1,757	63	19	8	16	14	72

Boards, planks, and scantling.....do			981,865	1,110,239	798,868	869,427	83,016	31,797	37,770	46,788	31,553	38,695
Softwoods.....do	2,142,318	1,011,086	649,337	729,824	532,920	620,799	54,703	17,597	30,972	25,911	18,002	20,798
Cypress.....do	8,815	4,069	5,082	4,580	5,073	3,718	517	208	281	316	309	251
Douglas fir.....do	739,142	351,138	279,895	244,870	215,244	301,975	16,157	5,564	6,976	8,697	5,200	7,218
Rough.....do	684,348	308,895	244,870	288,573	192,294	241,669	14,645	4,853	5,948	7,538	4,496	5,627
Dressed.....do	54,793	42,243	35,025	37,222	22,950	60,306	1,512	712	1,028	1,159	704	1,591
Southern pine.....do	636,171	283,669	269,803	291,644	243,495	214,424	20,789	9,225	9,519	11,485	8,826	7,775
Rough.....do	553,836	246,809	232,999	248,893	204,115	177,431	23,332	8,023	8,091	9,567	7,219	6,334
Dressed.....do	82,335	36,860	37,404	42,751	39,380	36,993	3,457	1,202	1,428	1,918	1,607	1,441
White, ponderosa, and sugar pine.....do	34,402	24,132	41,834	51,211	36,519	43,471	1,958	928	1,657	2,315	1,608	1,920
Cedar.....do	17,801	5,503	4,823	4,920	4,001	5,726	876	246	214	266	250	386
Redwood.....do	52,798	13,513	21,650	24,123	15,262	21,298	2,967	569	1,102	1,295	876	1,163
Spruce.....do	25,455	9,491	16,945	20,333	11,835	23,519	1,212	438	1,059	1,369	904	1,976
Hemlock.....do	186,451	28,843	8,970	5,698	1,452	6,542	3,729	402	152	105	28	106
Other softwoods.....do	16,910	542	335	1,470	39	126	681	15	11	63	1	4
Hardwoods.....do	427,934	290,186	332,528	380,415	260,948	248,628	28,313	14,200	16,798	20,877	13,550	12,897
Ash.....do	30,744	35,016	38,578	44,932	27,319	23,855	2,102	1,580	1,611	2,248	1,266	1,111
Birch, beech, maple.....do	9,114	1,894	1,958	3,226	2,422	2,937	581	102	108	160	121	146
Chestnut.....do	9,352	3,373	1,663	1,419	865	670	489	141	77	59	34	23
Cottonwood.....do	4,419	1,634	2,192	2,231	1,570	1,358	828	71	100	125	81	67
Gum.....do	55,430	34,374	32,922	35,889	25,966	24,223	2,700	1,193	1,100	1,469	915	876
Red and sap.....do	48,624	28,841	21,590	22,631	15,842	14,370	2,373	932	781	1,010	622	580
Tupelo and black.....do	5,904	8,533	11,332	13,208	10,124	9,853	234	262	319	459	293	286
Hickory.....do	4,061	2,927	5,798	5,282	4,214	2,954	387	670	590	541	497	290
Oak.....do	208,742	142,823	152,328	174,082	129,125	127,271	13,027	6,607	7,155	9,909	6,086	6,221
Poplar.....do	34,859	21,975	28,889	33,009	19,888	17,596	2,174	964	1,280	1,592	860	814
Walnut.....do	11,128	6,713	7,969	8,405	5,616	5,640	1,417	585	773	854	506	516
Mahogany.....do	15,964	4,179	5,080	3,431	3,179	2,940	2,341	576	889	795	532	509
Magnolia.....do		6,278	6,593	7,131	3,179	2,553		270	287	366	183	111
Oak flooring.....do		9,236	13,185	13,002	12,261	11,116		811	882	735	660	660
Other hardwood flooring.....do	12,475	2,683	1,980	1,934	984		846	576	130	125	119	62
Wagon-oak planks.....do	7,850	7,652	14,209	23,200	7,886	10,159		482	402	714	1,280	371
Small dimension stock, except squares.....do			5,172	7,604	5,113	4,551		490	748	737	516	516
Oak squares.....do	4,032	7,178	2,948	3,612	2,074	1,972	436	161	192	107	106	106
Other squares.....do			2,443	1,848	1,380	1,571		110	114	104	105	105
Other hardwoods.....do	21,531	4,933	7,557	8,473	6,705	6,278	1,189	255	412	437	341	288
Box shooks:												
Southern pine.....do	13,037	4,420	4,186	7,054	9,692	7,793	627	173	147	293	417	311
Hemlock and spruce.....do	82,389	7,293	2,506	11,023	8,793	14,517	1,832	188	62	296	244	373
Gum.....do	5,084	1,322	2,123	3,644	4,718	5,526	870	63	88	211	244	276
White ponderosa and sugar pine.....do	21,868	3,940	906	4,865	4,905	6,081	1,009	150	37	202	179	191
Other.....do			2,151	2,677	1,555	922		90	138	112	35	35
Railroad ties, sawed: <sup>18a</sup>							16,237					645
Creosoted or otherwise treated.....do							2,988					67
Other.....do												
Other sawed lumber.....do	5,541	11,657										

<sup>8</sup> Average for years 1928-30.<sup>18a</sup> Includes "railroad ties, sawed" prior to 1939.<sup>18</sup> Average for years 1929 and 1930.<sup>18a</sup> Included with "railroad ties, hewn" prior to 1939.<sup>12</sup> Average for years 1927-30.<sup>12a</sup> Average for years 1931 and 1932.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 4.—WOOD AND PAPER—Continued</b>												
<b>Wood manufactures</b> .....							32,848	12,622	14,078	18,216	18,877	14,341
Cooperage.....							9,373	3,454	3,808	5,774	4,331	3,948
Staves..... thousands.....	74,549	32,402	32,726	41,587	36,846	35,224	4,246	1,631	1,707	2,755	2,422	2,148
Tight staves..... do.....	31,283	19,997	25,065	34,710	29,243	29,062	3,635	1,499	1,601	2,695	2,345	2,093
Slack staves..... do.....	43,266	12,405	7,661	6,877	7,603	5,262	612	132	106	90	77	55
Heading..... 1,000 sets.....	3,793	1,520	1,395	1,600	1,374	1,444	748	323	404	585	450	441
Tight heading..... do.....	1,377	850	1,042	1,376	1,371	1,217	554	278	380	562	429	417
Slack heading..... do.....	2,355	671	353	224	238	227	194	45	24	23	21	24
Cooperage shooks:												
Tight..... do.....	1,031	533	557	608	414	510	3,179	1,135	1,038	1,343	1,000	962
Slack..... do.....	693	268	322	385	69	66	426	140	164	251	54	44
Tight empty barrels, casks, hogsheads..... thousands.....	333	151	333	417	290	291	774	255	495	810	406	353
Veneers..... 1,000 sq. ft.....	79,805	39,668	52,952	83,738	50,144	64,542	2,087	754	971	1,514	950	1,244
Veneer packages for fruits and vegetables.....							100	159	397	437	289	347
Lath..... thousands.....	36,443	11,084	4,184	6,407	3,525	2,821	163	22	15	32	19	12
Shingles..... squares.....	102,535	20,471	15,004	20,370	17,407	23,852	308	55	56	76	70	82
Doors..... thousands.....	1,914	1,422	261	181	89	97	3,411	1,621	461	408	217	223
Sash and blinds..... do.....	87	28	32	63	44	48	161	55	80	156	140	144
Trimnings and moldings n. e. s..... 1,000 lin. ft.....	9,184	5,177	4,164	8,408	5,385	6,975	267	94	82	140	97	98
Other millwork and house fixtures.....							10,300	81	133	195	163	230
<b>Furniture of wood:</b>												
Chairs..... thousands.....	172	43	60	62	51	66	682	159	226	239	198	200
Office furniture and store fixtures.....							500	84	91	146	118	138
Other wood furniture.....							2,399	600	942	1,393	1,206	1,241
Boat oars and paddles..... number.....	81,681	27,821	37,716	43,120	36,879	38,335	184	66	100	108	91	109
Plow and similar bent handles..... 1,000 doz.....		7	9	8	8	12		25	30	24	26	32
Hoe, fork, shovel, broom, and other long handles..... 1,000 doz.....	792						825					
Handles for striking tools..... do.....	976	542	667	756	595	759	419	517	610	480	573	
Pencil slats:												
Eastern red cedar..... 1,000 lbs.....		9,650	2,744	3,847	3,801	2,246	825	812	239	500	625	318
Incense cedar..... do.....	13,214		8,392	9,551	9,600	8,528			624	753	810	682
Woodenware.....							494	351	316	365	384	315
Other wood manufactures.....							9,172	3,313	4,298	4,373	2,816	3,646
<b>Cork manufactures</b> .....												
Disks, washers, and wafers..... 1,000 lbs.....			930	1,607	1,188	2,075	948	559	609	941	686	1,087
Stoppers..... do.....	432	81	302	323	186	380	254	296	191	322	227	407
Cork insulation..... do.....			421	569	526	917	162	51	90	105	74	123
Manufactures of artificial composition or compressed cork, n. e. s..... 1,000 lbs.....	6,220	1,362	1,375	506	501	928	60	60	94	77	106	106
Other cork manufactures, n. e. s..... do.....				1,705	1,195	1,789	532	212	261	134	104	178
									286	204	274	274

Paper base stocks.....																		
Pulpwoods.....	cords.....	56,433	32,321	20,720	23,798	52,694	50,165	5,147 510	5,666 223	11,984 124	23,842 140	11,655 361	8,600 351					
Wood pulp: <sup>a</sup>																		
Sulphite wood pulp.....	tons of 2,240 lbs.	27,556	85,449	187,571	312,605	124,238	112,390 43,232	1,541	4,486	10,273	19,988	9,197	5,469	3,115				
Rayon and special chemical grades.....	do			119,528	207,589	90,262	23,243			8,099	15,529	7,894	1,021					
Other bleached.....	do			68,043	105,016	33,976	40,915			2,174	4,459	1,303	1,333					
Unbleached.....	do			4,689	7,967	2,729	4,013			161	73	267	181	199				
Soda wood pulp.....	do	1,968	1,232	4,689	7,967	2,729	4,013			161	73	267	181	199				
Sulphate wood pulp, unbleached.....	do						14,816			337	81	60	99	609				
Other wood pulp.....	do	6,585	1,712	1,225	1,972	13,517	8,285							356				
Rags for paper stock:																		
Valued \$50 or over per 2,000 lbs.....	1,000 lbs.			11,798	22,364	13,738	13,098			650	1,421	827	840					
Valued under \$50 per 2,000 lbs.....	do			11,656	13,992	8,106	8,842	2,598	803	159	181	108	112					
Other paper stock.....	do	162,821	76,340	41,272	142,795	58,233	102,891			451	1,345	373	804					
<b>Paper and manufactures</b> .....								30,930	18,348	22,474	31,066	25,902	31,787					
Printing paper:																		
Newsprint paper.....	1,000 lbs.	28,750	30,058	29,147	34,089	11,291	26,991	1,213	669	594	961	348	669					
Book paper, not coated.....	do	25,668	17,851	18,096	29,923	18,352	30,773	1,936	948	998	1,822	1,125	1,831					
Cover paper.....	do	1,899	1,194	1,349	1,590	1,803	1,666	318	161	193	256	257	265					
Grease proof and waterproof paper.....	do	2,970	4,819	7,740	9,041	7,840	9,240	499	926	1,604	1,866	1,031	1,982					
Overissue and old newspapers.....	do	162,695	183,115	138,087	193,818	142,969	171,270	10,502	1,355	933	2,014	946	1,636					
Wrapping paper, except kraft.....	do	38,043	31,529	36,071	37,174	30,189	35,216	2,559	1,591	1,847	2,192	1,825	2,082					
Kraft wrapping paper.....	do			5,891	9,196	14,843	19,227			250	438	540	633					
Surface-coated paper.....	do	9,584	6,476	8,413	10,588	8,071	14,152	1,019	699	899	1,146	1,022	1,494					
Tissue and crepe paper.....	do	4,751	4,006	5,342	10,301	11,365	12,894	1,050	565	579	1,032	1,080	1,167					
Toilet paper.....	do	6,341	7,084	8,550	11,519	10,198	10,536	720	612	700	928	831	864					
Paper towels and napkins.....	do	2,987	2,415	3,021	4,051	4,098	5,960	383	231	279	361	374	475					
Kraft container board.....	do						85,484			1,426	975	1,787	1,947				1,752	
Other box board (paper board and strawboard).....	do	51,720	46,948	55,151	69,983	83,221	28,111										702	
.....	1,000 lbs.						2,605			216	126	115	184				188	
Bristols and bristolboard.....	do	2,115	1,784	1,803	3,111	2,621	2,592			126	115	184	196				188	
Other paper board.....	do	40,389	26,100	22,469	33,408	39,328	32,948	1,991	946	1,068	1,562	1,496	1,441				446	
Sheathing and building paper.....	do	16,171	9,091	8,407	14,652	15,035	13,556	591	257	315	528	576	446				446	
Fiber insulating board or bat.....	1,000 sq. ft.	46,259	34,699	54,800	61,594	45,143	44,909	10,512	980	1,468	1,798	1,374	1,190				1,190	
Wallboard of paper or pulp.....	do	46,296	11,403	11,383	12,867	12,801	26,057	1,537	319	311	386	389	893				893	
Blotting paper.....	1,000 lbs.	3,497	1,680	2,359	2,912	2,068	3,128			414	241	300	243				365	
Filing folders, index cards, and other office forms.....	do																	
.....	1,000 lbs.	1,324	972	1,095	1,246	1,130	1,221	456	324	369	402	381	393				393	
Papeteries (fancy writing paper).....	do	734	206	285	331	269	281	190	40	60	71	59	63				63	
Other writing paper.....	do	19,705	16,746	25,294	36,232	27,308	37,672	2,288	1,194	1,984	2,988	2,101	2,522				2,522	
Paper hangings (wallpaper).....	1,000 rolls	3,227	1,142	1,127	1,427	1,427	1,264	573	125	120	154	154	131				131	
Paper bags.....	1,000 lbs.	11,049	11,710	18,799	20,321	14,861	18,343	940	668	708	1,222	945	1,181				1,181	
Boxes and cartons:																		
Heavy fiber shipping containers of corrugated or solid container board.....	1,000 lbs.	24,562	10,650	11,302	13,856	14,970	10,807 8,565	1,645	659	740	914	913	435 689				435 689	
Other.....	do				962	961		423	161	138	173	191	212				212	
Envelopes.....	do	2,459	1,053	798			1,079											
Vulcanized fiber sheets, strips, rods, and tubes.....	1,000 lbs.	5,172	3,145	4,159	5,097	3,791	4,793	1,387	862	1,168	1,363	1,031	1,247				1,247	
Cash-register and adding-machine paper.....	do	3,524	4,689	5,535	4,460	4,611	5,509	347	350	303	325	340	369				369	
Other paper and paper products.....	do							5,006	2,414	3,198	3,873	3,588	4,473				4,473	

<sup>a</sup> 1930 only.

<sup>b</sup> Average for years 1928-30.

<sup>10</sup> Average for years 1929 and 1930.

<sup>12</sup> Average for years 1927-30.

<sup>20</sup> Reported in thousands; converted to squares on the basis of 800 shingles to a square.

<sup>21</sup> Tons of 2,000 pounds, air-dry weight, beginning Jan. 1, 1936.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS						
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939	
<b>GROUP 5.—NONMETALLIC MINERALS</b>													
<b>Total</b>							<b>706,964</b>	<b>316,887</b>	<b>365,269</b>	<b>499,882</b>	<b>490,761</b>	<b>504,187</b>	
<b>Coal and related fuels</b> ..... 1,000 tons of 2,240 lbs...													
<b>Coal:</b>													
Anthracite.....do.....	2,973	1,254	1,498	1,709	1,704	2,313	32,750	12,487	13,775	14,796	14,635	19,920	
Bituminous.....do.....	18,349	9,034	9,513	11,736	9,366	10,349	82,308	35,455	38,606	48,821	38,105	42,778	
Fuel or bunker coal for vessels in foreign trade (not included in exports).....1,000 tons of 2,240 lbs...	4,553	1,985	1,448	1,655	1,208	1,318	23,126	6,709	7,463	8,820	6,557	7,151	
Coke.....do.....				470	434	527	6,743	3,737	4,191	3,568	3,035	3,878	
Coal and coke briquets.....do.....	916	639	598	23	15	11			166	123	123	98	
<b>Petroleum and products</b> .....							<b>524,364</b>	<b>231,352</b>	<b>283,450</b>	<b>376,998</b>	<b>388,606</b>	<b>383,121</b>	
Petroleum, crude.....1,000 bbls. of 42 gals...	20,062	36,411	50,313	67,127	77,254	72,064	30,236	38,169	66,119	96,431	111,641	92,790	
Natural gasoline.....do.....		11,276	1,904	3,738	6,114	4,111		11,249	4,227	9,465	13,059	8,739	
Refined oils.....do.....	119,800	70,896	71,402	93,464	102,124	103,428	465,058	176,239	179,026	253,436	249,609	262,603	
<b>Gasoline:</b>													
Aviation gasoline.....do.....			22,727	30,524	40,269	4,001			57,140	84,946	103,544	20,153	
Other gasoline.....do.....						32,512						76,844	
Naphthas, solvents, and other finished light products.....1,000 bbls. of 42 gals...	52,154	30,425	1,684	1,520	1,322	1,444	244,577	72,285	5,916	6,011	4,055	4,339	
Mineral spirits.....do.....	55	55	70	97	111	121		495	359	505	543	649	
Illuminating oil (kerosene).....do.....	19,945	9,647	6,712	8,664	7,261	7,994	84,049	22,745	14,823	20,898	16,171	15,787	
Gas and distillate fuel oil.....do.....			18,649	29,011	28,297	30,618			24,112	42,858	42,770	42,272	
Residual fuel oil.....do.....	37,529	22,982	12,955	12,810	15,536	14,972	42,603	22,867	11,244	11,709	13,586	12,133	
Fuel or bunker oil for vessels in foreign trade (not included in exports).....1,000 bbls. of 42 gals...	50,198	34,868	33,407	37,638	36,059	37,036	62,545	31,306	34,298	43,545	37,823	39,026	
Lubricating oil.....do.....	10,117	7,786	5,605	10,839	9,328	11,766	93,335	58,002	65,433	86,509	68,939	90,427	
Red and pale.....do.....	6,241	4,736	5,252	6,791	5,485	7,053	51,436	34,278	46,553	35,978	35,978	48,121	
Black.....do.....	833	513	313	614	441	459	4,194	1,994	2,563	3,625	2,211	2,081	
<b>Cylinder:</b>													
Bright stocks.....do.....			1,708	1,528	2,023				18,215	13,470	19,134		
Steam refined stocks.....do.....	2,943	2,491	1,037	945	1,009		36,103	23,297	6,577	6,577	6,996		
Lubricating oils, n. e. s.....do. lbs.			631	875	1,152				7,808	9,722	12,797		
Insulating or transformer oils.....do.....	86	40	24	32	29	39	1,042	388	364	345	469		
Light lubricating oils in small packages.....1,000 bbls. of 42 gals...	14	7	16	26	24	32	560	285	495	672	655	828	
Lubricating greases.....do.....	104,129	78,052	83,842	102,002	77,285	108,651	5,523	3,387	3,901	4,740	3,833	4,947	
Liquefied petroleum gases <sup>1</sup> .....do.....			25,931	9,120	4,675				302	159	106	168	
<b>Paraffin wax</b> .....do.....	<b>336,174</b>	<b>240,626</b>	<b>187,279</b>	<b>231,661</b>	<b>201,402</b>	<b>232,519</b>	<b>15,077</b>	<b>7,427</b>	<b>5,962</b>	<b>7,661</b>	<b>5,695</b>	<b>7,861</b>	
Unrefined.....do.....	78,695	88,535	66,822	103,967	91,802	102,548	2,935	2,400	1,735	2,952	2,078	3,062	
Refined.....do.....	257,478	152,091	120,396	127,694	109,600	129,971	12,143	5,027	4,227	4,709	3,617	4,799	
Petroleum asphalt.....tons of 2,240 lbs...	341,746	204,441	170,094	186,390	180,803	178,299	7,424	3,545	2,835	3,111	3,030	3,098	
Petroleum coke.....do.....	102,335	104,200	111,231	146,663	138,951	255,426	1,045	587	1,079	1,396	1,632	2,915	

Stone, sand, cement, and lime.....							5, 871	1, 961	1, 572	2, 083	1, 903	3, 121
Marble and other building and monumental stone, rough or dressed..... 1,000 cu. ft.	660	123	58	79	78	77	910	162	129	145	142	134
Other manufactures of stone.....							1, 253	403	427	632	282	366
Gravel and building sand..... 1,000 tons of 2,240 lbs.	427	84	45	60	32	25	637	151	58	80	30	32
Concrete and cement manufactures <sup>21</sup> .....										58	32	70
Standard hydraulic Portland cement, 1,000 bbls. <sup>22</sup> .....											811	1, 827
White nonstaining and other special cements, 1,000 bbls. <sup>22</sup> .....	851	493	335	379	438	1, 028						
Lime..... do. <sup>21</sup> .....	157	54	46	113	120	119					484	525
					132	215	2, 854	1, 171	887	1, 045	122	236
<b>Glass and glass products.....</b>							9, 642	5, 715	8, 264	9, 784	8, 332	10, 422
Plate glass..... 1,000 sq. ft.	1, 924	4, 007	4, 575	3, 281	2, 518	3, 639	610	1, 173	1, 336	984	791	1, 106
Cylinder, crown, and sheet glass..... do.												
Laminated glass and manufactures.....										53	36	70
Rolled glass..... 1,000 sq. ft.							536	246	344	87	104	59
Rolled, cylinder, crown, etc..... do.												
Other glass.....										104	59	69
Unfilled glass containers (bottles, vials, and jars):										66	41	55
Beverage bottles.....										159	218	301
Other glass containers.....												
Tumblers, drinking glasses, and stemware, plain, cut, or engraved.....							3, 252	1, 587	2, 460	3, 321	1, 243	1, 305
Table glassware, n. e. s.....										1, 654	454	518
Lamp chimneys and lantern globes..... 1,000 lbs.	1, 662						1, 578	738	1, 364	1, 750	1, 125	1, 445
Globes and shades for lighting fixtures..... do.	1, 785									200	81	104
Chemical glassware..... do.	246	174	288	398	337	464				338	373	324
Glass electric insulators..... do.	4, 037	1, 058	1, 609	1, 098	1, 253	1, 211				216	152	228
Other glassware.....										63	89	87
							2, 127	1, 431	1, 934	2, 321	1, 924	2, 463
<b>Clays and clay products.....</b>							9, 738	5, 109	7, 472	9, 859	7, 835	9, 585
Fire clay..... tons of 2,240 lbs.	52, 714	33, 185	58, 816	69, 045	49, 789	51, 176	409	302	437	530	389	419
Other clays..... do.	54, 465	66, 526	80, 865	81, 679	68, 199	70, 681	898	1, 069	1, 407	1, 419	1, 177	1, 454
Pottery:												
Table and kitchen articles and utensils <sup>24</sup> ..... doz.			40, 595	56, 851	75, 712	106, 121	174	75	98	137	166	209
Sanitary articles:												
Closet bowls and water-closet sets <sup>25</sup> ..... pieces.			61, 438	78, 514	64, 188	109, 463	<sup>10</sup> 724	248	454	656	583	907
Lavatories, sinks, etc..... do.			15, 893	27, 494	23, 677	23, 171			193	372	393	407
All other sanitary fixtures and fittings, and parts, n. e. s.....							1, 065	243				
Electrical porcelain:									163	267	159	133
For less than 6,600 volts..... 1,000 lbs.	5, 069	975	1, 258	1, 835	1, 419	2, 025	701	143	185	297	254	289
For 6,600 volts and over..... do.	4, 637	2, 844	2, 575	2, 863	2, 521	2, 065	772	389	356	441	424	326
Other pottery.....							1, 019	297	459	535	509	398

<sup>10</sup> Average for years 1929 and 1930.

<sup>11</sup> Average for years 1932-35.

<sup>21</sup> Included under the various classes of lubricating oil, principally cylinder, prior to 1937.

<sup>22</sup> Liquefied petroleum gases included in "Other gases, n. e. s.," Group 8, p. 568, prior to 1936.

<sup>21</sup> Included under "Other manufactures of stone" prior to 1937.

<sup>22</sup> Of 370 pounds.

<sup>23</sup> Of 200 pounds.

<sup>24</sup> Table, toilet, and kitchen ware prior to Jan. 1, 1936.

<sup>25</sup> Water-closet sets prior to 1936.





Carbon and graphite products:														
Electrodes for furnace or electrolytic work	1,000 lbs.	14,976	13,654	22,771	29,005	25,163	18,724	1,980	1,532	2,705	3,444	3,060	2,069	
Brushes and stock										176	277	191	297	
Lighting carbons	thousands				7,686	7,476	8,575	1,112	726	781	288	277	350	
Other, n. e. s.											452	358	494	
Rock wool and other semi-rigid and "fill" insulating materials													126	185
Gypsum, crude, and calcined	tons				6,807	5,961	11,835		828	194	108	88	90	111
Plaster of paris manufactures											148	183	193	199
Mica and manufactures	1,000 lbs.	3,955	3,593	2,955	3,590	3,544	3,654		252	173	170	217	184	226
Sulphur:														
Crude	tons of 2,240 lbs.	699,957	438,442	547,199	675,297	579,107	627,819	14,312	8,568	10,147	12,155	10,379	10,772	
Refined, sublimed, and flowers	1,000 lbs.	32,679	22,043	44,145	30,814	28,463	56,012		538	366	747	509	470	
Magnesia and manufactures	do.	6,214	1,983	2,101	3,134	3,202	2,966		367	154	174	273	254	
Salt	do.	255,134	194,019	153,948	140,222	134,995	248,545	1,104	609	609	464	515	470	
Talc, crude, in bulk	tons of 2,240 lbs.		9,782	5,955	7,927	6,355	8,078	1,772	1,433		115	150	124	
Other nonmetallic mineral products										1,961	2,001	1,547	1,935	
Precious, synthetic, and imitation stones, including pearls								81	62	365	586	342	164	
<b>GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES</b>														
<b>Total</b>								<b>462,501</b>	<b>151,077</b>	<b>233,923</b>	<b>501,781</b>	<b>363,027</b>	<b>462,581</b>	
<b>Iron ore</b>	<b>1,000 tons of 2,240 lbs.</b>	<b>1,021</b>	<b>989</b>	<b>645</b>	<b>1,264</b>	<b>592</b>	<b>1,057</b>	<b>3,823</b>	<b>1,336</b>	<b>1,963</b>	<b>4,039</b>	<b>1,984</b>	<b>3,578</b>	
<b>Iron and steel semimanufactures</b>								<b>90,192</b>	<b>37,961</b>	<b>79,845</b>	<b>232,149</b>	<b>132,471</b>	<b>169,123</b>	
Fig iron, not containing alloys	tons of 2,240 lbs.	44,182	3,999	5,316	782,436	432,851	177,024	808	92	119	19,403	7,135	3,436	
Iron and steel scrap	do.			1,877,136	4,048,102	2,974,375	3,558,551				21,766	76,563	44,927	
Tin-plate scrap and waste—waste tin-plate	do.	355,178	1,015,236	58,996	53,447	24,216	25,888	5,097	10,565	2,918	2,824	903	54,790	
Steel ingots, blooms, billets, slabs, sheet bars, and tin-plate bars:													1,121	
Not containing alloy	tons of 2,240 lbs.			331,508	159,883	167,171					13,048	5,481	6,029	
Alloy steel, including stainless	do.	20,771	14,424	7,214	7,758	48,607		846	398	607	344	424	2,095	
<b>Iron and steel bars and rods:</b>														
Iron bars	1,000 lbs.	9,932	2,021	2,261	4,972	2,934	1,939	353	78	94	192	101	89	
Concrete reinforcement bars	do.			8,047	40,065	58,475	105,851			161	1,073	1,367	2,267	
Other steel bars:														
Cold finished	do.				296,839	14,450	25,493						628	
Not containing alloy	do.	322,533	83,996		243,647	300,493		9,148	2,234		8,651	6,380	8,031	
Stainless steel	do.			116,621	496	1,219	663			3,214	115	307	202	
Alloy steel other than stainless	do.				14,333	17,138	32,750				1,322	1,558	3,697	
Wire rods	do.	70,078	50,912	78,113	134,419	49,914	70,448	1,518	563	1,328	3,263	1,112	1,330	
<b>Iron and steel plates, sheets, skelp, and strips:</b>														
Boiler plate	1,000 lbs.	24,488	2,274	7,854	23,409	15,128	20,783	508	62	209	717	461	536	
Other plates not fabricated:														
Not containing alloy	do.				831,391	472,573	543,273				20,320	10,482	11,113	
Stainless steel	do.	307,326	63,399	206,860	325	622	343	7,073	1,269	4,253	117	148	96	
Alloy steel other than stainless	do.				11,350	6,959	4,735				352	253	271	
Skelp iron or steel	do.	254,483	101,710	157,253	171,311	133,698	182,922	4,844	1,669	2,279	3,607	2,465	3,360	

<sup>5</sup> Average for years 1933-35.

<sup>10</sup> Average for years 1929 and 1930.

<sup>14</sup> Average for years 1927-30.

<sup>26</sup> Includes graphite, refined and manufactures, if any, prior to 1936 and crucibles for years 1932 to 1935.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 6.—METALS AND MANUFACTURES—CON.</b>												
<b>Iron and steel semimanufactures—Continued.</b>												
<b>Iron and steel plates, etc.—Continued.</b>												
Iron or steel sheets, galvanized..... 1,000 lbs.	326, 161	123, 576	141, 580	181, 482	170, 323	248, 568	14, 422	3, 959	4, 689	7, 470	7, 020	9, 595
Iron sheets, galvanized..... do.	<sup>2</sup> 14, 038	4, 575	3, 923	12, 436	8, 268	14, 645	<sup>3</sup> 812	238	176	605	398	649
Steel sheets, galvanized..... do.	<sup>1</sup> 195, 369	119, 001	137, 657	169, 046	162, 055	233, 923	<sup>7</sup> 9, 986	3, 721	4, 513	6, 865	6, 623	8, 945
<b>Steel sheets, black, ungalvanized:</b>												
Not containing alloy..... do.	366, 943	160, 665	313, 954	628, 093	449, 395	591, 628	12, 922	4, 960	10, 003	22, 464	15, 155	18, 456
Stainless steel..... do.				3, 090	2, 893	2, 451				1, 019	948	814
Alloy steel, other than stainless..... do.				10, 594	7, 536	8, 537				530	339	429
Iron sheets, black..... do.	35, 851	9, 069	15, 600	24, 164	16, 948	23, 404	1, 603	297	455	935	615	812
<b>Strip, hoop, band, and scroll iron or steel:</b>												
<b>Cold rolled:</b>												
Not containing alloy..... do.	32, 284	25, 448	50, 767	78, 758	55, 425	56, 228	1, 258	895	1, 924	3, 239	2, 296	2, 228
Stainless steel..... do.				1, 210	1, 063	1, 497				350	308	378
Alloy steel, other than stainless..... do.				1, 396	663	1, 059				261	110	206
<b>Hot rolled:</b>												
Not containing alloy..... do.	83, 449	37, 371	87, 911	166, 419	82, 412	139, 453	2, 402	886	2, 073	4, 009	2, 380	3, 582
Stainless steel..... do.				228	320	681				63	66	118
Alloy steel, other than stainless..... do.				1, 155	240	336				58	24	41
Tin plate and taggers' tin..... do.	550, 948	241, 215	527, 705	796, 385	352, 089	684, 377	27, 388	9, 732	23, 511	39, 448	18, 589	32, 515
Terneplate, including long terms..... do.				7, 387	11, 544	9, 842				12, 299	492	489
<b>Steel-mill products—Manufactures</b>												
<b>Structural iron and steel:</b>												
Water, oil, gas, and other tanks, complete, and knocked down material for..... 1,000 lbs.	<sup>2</sup> 45, 898	15, 727	48, 326	99, 856	84, 516	64, 366	<sup>2</sup> 2, 387	599	1, 733	3, 551	3, 284	2, 647
<b>Structural shapes:</b>												
Not fabricated..... tons of 2,240 lbs.	187, 406	37, 146	62, 077	135, 706	83, 691	115, 465	8, 376	1, 476	2, 584	6, 984	4, 507	5, 549
Fabricated..... do.	44, 727	16, 109	20, 914	39, 129	38, 057	37, 154	4, 169	1, 296	1, 724	3, 912	3, 666	3, 506
Plates fabricated, punched, or shaped..... 1,000 lbs.	12, 875	3, 679	7, 659	56, 495	5, 259	15, 011	381	93	205	1, 507	219	506
Metal lath..... do.	11, 394	3, 068	2, 097	3, 923	1, 933	3, 710	800	194	161	287	160	303
Sash and frames of iron or steel..... do.	90, 833	10, 787	6, 343	1, 948	3, 843	1, 969	3, 407	275	144	284	311	339
Sheet piling..... do.				6, 343	16, 749	7, 827			17, 229	130	465	209
<b>Railway track material:</b>												
Rails..... tons of 2,240 lbs.	159, 463	41, 348	73, 455	148, 182	82, 721	59, 092	6, 053	1, 304	2, 085	5, 167	3, 112	2, 375
60 pounds and over per yard <sup>27</sup> ..... do.	141, 336	36, 963	67, 568	110, 639	45, 919	35, 605	5, 399	1, 164	1, 902	4, 111	2, 135	1, 676
Less than 60 pounds per yard <sup>27</sup> ..... do.	18, 126	4, 385	5, 887	10, 126	4, 890	6, 575	654	140	183	385	161	262
Relaying rails..... do.				27, 417	32, 412	16, 912				670	816	437
Rail joints, splice bars, fishplates, and tie-plates..... 1,000 lbs.	48, 380	14, 535	17, 890	32, 663	16, 449	19, 744	1, 461	379	426	965	444	619
Switches, frogs, and crossings..... do.	13, 163	2, 669	3, 893	5, 723	3, 685	4, 501	1, 020	192	295	467	326	366
Railroad spikes..... do.	9, 701	4, 461	5, 338	6, 883	5, 837	7, 870	303	135	134	219	187	254
Railroad bolts, nuts, washers, and nut locks..... 1,000 lbs.	4, 525	1, 893	1, 782	2, 490	2, 769	4, 369	284	120	91	184	148	222

Tubular products and fittings:													
Boiler tubes:													
Seamless.....do.....													
Welded.....do.....	38, 577	12, 576	15, 571	37, 575	17, 527	31, 880	2, 149	{	753	1, 278	2, 702	1, 489	
		1, 561	975	1, 531	671	2, 100			82	59	83	52	
Casing and oil-line pipe:													
Seamless.....do.....	234, 593	59, 127	57, 647	168, 063	112, 185	175, 003	10, 377	{	2, 720	2, 543	7, 529	5, 889	
Welded.....do.....		12, 233	5, 991	18, 934	30, 510	21, 904			432	217	774	1, 028	763
Seamless black pipe, other than casing and oil-line.....1,000 lbs.....		11 4, 142	8, 790	27, 959	16, 708	22, 890			11 245	586	1, 507	1, 287	
Welded black pipe:													
Steel.....do.....	184, 237	41, 931	24, 883	48, 047	24, 096	43, 719	7, 322	{	1, 380	892	2, 077	1, 054	
Wrought iron.....do.....		4, 825	6, 118	9, 909	6, 769	9, 945			233	300	441	354	
Welded galvanized pipe:													
Steel.....do.....	89, 705	44, 702	23, 064	41, 147	32, 787	65, 463	3, 863	{	1, 604	869	1, 775	1, 441	
Wrought iron.....do.....		2, 448	2, 463	4, 903	6, 197	9, 348			123	120	246	322	
Malleable iron screwed pipe fittings.....do.....	25, 006	6, 780	8, 192	12, 062	6, 949	10, 323	3, 343	912	1, 029	1, 597	1, 089	1, 441	
Cast-iron screwed pipe fittings.....do.....	20, 564	3, 916	4, 659	6, 640	4, 235	5, 297	1, 725	365	552	753	506	582	
Cast-iron pressure pipe and fittings.....do.....	27, 299	20, 510	26, 723	46, 169	44, 900	71, 243	1, 173	480	701	1, 093	1, 312	1, 619	
Cast-iron soil pipe and fittings.....do.....	30, 243	9, 311	13, 310	17, 025	22, 303	26, 830	1, 019	314	361	498	657	745	
All other pipe and fittings n. e. s. <sup>19</sup> .....do.....		11 716	2, 514	2, 195	2, 117	16, 966		11 55	150	137	189	2, 116	
Wire and manufactures:													
Plain iron or steel wire.....do.....	37, 009	23, 858	56, 469	74, 235	53, 940	72, 206	1, 634	716	1, 601	2, 837	1, 830	2, 417	
Galvanized wire.....do.....	45, 820	29, 926	49, 607	51, 427	57, 774	63, 301	1, 315	739	1, 305	1, 975	1, 946	2, 098	
Barbed wire.....do.....	115, 235	60, 612	76, 254	75, 789	76, 030	119, 443	3, 310	1, 423	1, 901	2, 593	2, 487	3, 744	
Woven-wire fencing.....do.....	10, 678	3, 626	5, 823	7, 080	4, 960	7, 549	586	166	276	390	361	794	
Woven-wire screen cloth.....do.....	4, 200	1, 893	2, 537	3, 558	2, 972	4, 309	685	264	392	534	433	433	
Wire rope and cable not insulated.....do.....	11, 732	5, 827	7, 293	{	14, 644	8, 036	11, 133	1, 505	651	832	{	1, 583	
Wire strand.....do.....					2, 881	1, 757	2, 388					258	232
Electric welding rods.....do.....	22, 260	9, 304	12, 009	20, 345	{	2, 649	3, 581	2, 288	923	1, 231	2, 061	{	270
Other wire and manufactures.....do.....						14, 026	23, 064						1, 505
Nails and bolts (except railroad):													
Wire nails.....do.....	25, 866	22, 838	17, 471	38, 993	46, 413	57, 784	801	546	473	1, 313	1, 370	1, 697	
Horseshoe nails.....do.....	2, 193	1, 499	1, 650	2, 182	1, 090	2, 086	244	156	166	209	179	208	
Tacks (except thumb tacks).....do.....	1, 643	1, 020	727	913	588	868	231	120	85	100	71	94	
Other nails, including staples.....do.....	15, 146	6, 349	4, 996	6, 946	9, 151	11, 512	1, 038	256	226	351	405	516	
Bolts, machine screws, nuts, rivets, and washers, except railroad.....1,000 lbs.....	29, 163	10, 199	15, 151	25, 011	18, 048	19, 838	2, 476	1, 074	1, 610	2, 750	2, 083	2, 350	
Castings and forgings:													
Grey-iron castings.....do.....	22, 495	12, 574	15, 843	{	11, 908	8, 768	7, 827	1, 436	590	744	{	633	
Malleable-iron castings.....do.....					9, 549	2, 773	2, 653					244	
Steel castings:													
Not containing alloy.....do.....	19, 928	4, 642	7, 350	{	5, 033	2, 907	2, 932	2, 289	477	678	{	517	
Alloy steel, including stainless.....do.....					3, 694	2, 685	3, 101					396	
Car wheels, tires, and axles.....do.....	38, 855	17, 375	18, 592	62, 220	46, 901	62, 450	1, 354	485	576	2, 343	1, 899	2, 546	
Horseshoes and calks.....do.....	1, 041	345	269	400	231	502	73	20	16	21	13	30	
Iron and steel forgings n. e. s.....do.....	17, 811	11, 087	8, 643	22, 665	20, 366	37, 191	1, 459	660	532	1, 279	1, 124	2, 962	

<sup>19</sup> 1930 only.

<sup>11</sup> Average for years 1932-35.

<sup>12</sup> 50 pounds instead of 60 pounds prior to 1936. Data for relaying rails included prior to 1937.

<sup>13</sup> "Riveted steel or iron pipe and fittings" only prior to 1939.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 6.—METALS AND MANUFACTURES—CON.</b>												
<b>Iron and steel, advanced manufactures.....</b>							78, 177	27, 160	37, 948	52, 074	48, 299	49, 842
<b>Cutlery.....</b>							9, 887	2, 273	2, 598	3, 017	2, 488	3, 135
Razors, safety..... 1,000 doz.....	374	74	41	68	62	61	662	148	96	155	152	134
Safety-razor blades..... do.....	10, 690	3, 010	3, 891	5, 651	6, 650	7, 471	6, 818	924	735	819	863	991
Scissors, shears, and snips..... do.....	31, 112	11, 409	19, 041	21, 586	21, 118	29, 108	144	83	141	178	158	154
Table cutlery, including forks <sup>21</sup> ..... 1,000 doz.....			94	95	109	126			85	98	108	127
Butchers' and kitchen knives, forks, cleavers, and steels <sup>22</sup> ..... 1,000 doz.....	397	115	69	97	63	93	538	184	123	177	107	161
Other cutlery and parts.....							1, 526	984	1, 418	1, 591	1, 081	1, 567
<b>Hollow ware:</b>												
Tin and galvanized hollow ware..... 1,000 lbs.....	6, 495	3, 079	3, 577	4, 662	3, 878	4, 565	802	335	429	594	507	576
Tin cans, finished or unfinished..... do.....	10, 061	7, 427	9, 831	16, 648	15, 003	18, 436	1, 103	821	1, 118	1, 728	1, 641	1, 957
<b>Enameled ware of iron or steel:</b>												
Bathtubs..... number.....	18, 427	6, 388	11, 885	18, 946	13, 927	18, 221	641	170	313	518	421	511
Lavatories, sinks and other plumbing fixtures..... number.....	52, 164	22, 724	37, 560	44, 170	36, 256	57, 196	601	186	343	423	402	571
Table, household, kitchen, and hospital utensils, and hollow or flat ware..... 1,000 lbs.....	12, 814	926	1, 755	1, 524	1, 441	2, 307	549	162	290	283	278	409
<b>Metal furniture and fixtures:</b>												
Sheet-metal lockers and storage cabinets..... number.....		6, 923	12, 467	22, 781	23, 240	31, 869		67	123	213	228	240
Sheet-metal shelving and wall bins..... number.....								54	80	133	143	121
Sheet-metal filing cases, not insulated..... number.....	59, 295	15, 902	25, 521	32, 511	25, 811	29, 031	1, 974	395	555	741	614	676
Sheet-metal cabinets, insulated..... do.....	18, 236	5, 385	4, 676	5, 624	4, 683	3, 387	976	314	275	289	282	215
Safes..... do.....			3, 949	5, 551	4, 275	6, 488			215	326	251	382
Bank and safety deposit vaults and equipment.....							526	274	183	454	51	76
Other office furniture and fixtures.....							941	254	672	817	796	796
Metal beds and bedsprings..... number.....	169, 875	62, 465	69, 228	89, 602	76, 288	88, 810	1, 419	396	431	559	502	559
Other metal furniture.....							1, 446	218	545	645	613	691
<b>Stoves and furnaces, except electric:</b>												
Coal and wood cooking stoves and ranges..... number.....	12, 073	3, 049	7, 995	8, 642	4, 259	7, 292	318	71	145	169	109	118
Gas stoves, ranges, and water heaters..... do.....	43, 061	9, 909	20, 846	29, 041	23, 466	31, 673	857	189	445	650	573	750
Kerosene cooking stoves and heaters..... do.....	141, 164	45, 405	56, 394	71, 550	78, 731	89, 814	1, 342	367	433	619	794	821
Gasoline cooking stoves and heaters..... do.....		6, 242	7, 500	5, 763	5, 763	4, 968		50	72	67	62	61
Parts of stoves, ranges, and heaters.....							965	461	557	663	622	591
House-heating boilers, furnaces, and radiators.....							1, 930	323	332	534	434	279
Oil burners and parts.....								1, 171	1, 209	1, 306	1, 126	1, 085
Domestic..... number.....		3, 751	4, 643	6, 329	5, 746	4, 990		593	624	789	700	544
Industrial..... do.....		1, 429	1, 027	1, 440	1, 407	2, 290		239	185	239	208	269
Parts.....								232	492	277	218	242
Other domestic cooking or heating equipment <sup>23a</sup> .....								44	66	83	60	467

Tools.															
Axes (broad and hand).....	1,000 doz.	91	42	70	99	49	65	17,807	6,778	10,945	15,373	11,539	14,908		
Hacksaw blades.....	1,000 gross.	253	144	172	198	104	166	979	377	594	868	477	607		
Circular, steel band, pit, drag, and mill saws number.....				38,474	37,691	39,355		1,980	696	879	1,067	648	1,002		
Crosscut, hand, hack, and other saws, n. e. s.										244	115	138	150		236
Augers, bits, gimlets, gimlet bits, and counter sinks, woodworking <sup>29a</sup> .....	do.									408	541	428	515		
Files and rasps:															
Less than 7 inches in length.....	1,000 doz.														
7 inches or more in length.....	do.														
Hammers and hatchets.....	do.	65	24	49	75	42	58	333	111	254	372	232	304		186
Hand hoes, rakes, and forks <sup>30</sup> .....	do.	27	14	23	21	20	31	131	60	111	142	115	158		70
Hay and manure forks.....	do.			21	55	6	11			110	190	38			
Shovels, spades, scoops, and drainage tools <sup>31</sup> 1,000 doz.....		34	15	28	33	30	38	353	126	226	276	248	317		
Vises <sup>32</sup> .....	1,000 doz.							203	47	111	157	115	159		
Automotive wrenches and parts.....	do.	88	12	29	37	30	53	10,315	198	422	642	447	459		
Other wrenches and parts (except automotive) Drills, reamers, and counter sinks, metal cut- ting <sup>32a</sup> .....	do.							10,879	280	569	759	568	722		
Taps, dies, screw plates, and pipe stocks.....								12,757	319	612	1,014	747	1,199		
Mechanics' and other hand tools, n. e. s.								11,559	446	949	1,309	813	1,006		
								8,649	2,340	3,585	5,225	4,560	5,454		
<b>Hardware</b>															
Padlocks.....	1,000 doz.	199	64	129	188	136	230	8,454	2,734	3,555	4,842	3,712	4,672		
Door locks and lock sets.....	do.	64	28	27	48	32	40	487	184	320	454	370	568		
Cabinet and other locks.....	do.	164	54	62	56	42	53	540	225	213	327	264	331		
Hinges and butts, iron or steel.....	1,000 doz. prs.	594	92	116	147	110	135	543	114	114	140	117	121		
Other builders' hardware.....								533	122	158	202	173	222		
Furniture hardware.....								1,671	567	608	901	734	908		
Saddlery and harness hardware.....								404	128	234	295	254	310		
Car and marine hardware.....								194	72	121	128	85	104		
Other hardware.....								240	65	105	136	142	132		
								4,042	1,257	1,681	2,260	1,572	1,975		
Sewing machine needles.....	thousands.														
Other needles, incl. hand.....	do.														
Sprocket and other power transmission chains 1,000 lbs.....		5,710	2,506	4,300	5,222	3,196	3,958	1,265	619	923	1,186	802	1,002		
Other chains.....	do.	9,627	2,762	3,736	7,439	3,603	4,803	1,278	311	417	696	510	597		
Automatic scales (except coin operated).....	number	12,935	16,084	63,430	86,626	75,550	92,113	942	320	399	504	457	436		
Other scales and balances n. e. s.....	do.	115,384	46,714	62,819	70,569	59,254	45,628	1,243	329	602	883	629	703		
Wood screws.....	1,000 gross.	7,427	1,257	335	508	237	294	807	164	51	77	45	53		
Metal drums and containers for oil, gas, and other liquids.....															
Other iron and steel manufactures.....								19,448	2,802	2,977	4,415	3,742	4,073		
									4,116	6,349	8,895	8,419	7,682		

<sup>10</sup> Average for years 1929 and 1930.

<sup>11</sup> Average for years 1932-35.

<sup>12</sup> Average for years 1927-30.

<sup>29</sup> Table and kitchen cutlery prior to 1936.

<sup>29a</sup> "Cast-iron parts of stoves and furnaces" only prior to 1939.

<sup>30b</sup> "Augers and bits" only prior to 1939.

<sup>30</sup> Hand hoes and rakes prior to 1936.

<sup>31</sup> Shovels and spades prior to 1936.

<sup>32</sup> Vises and clamps prior to 1928.

<sup>32a</sup> "Drills and reamers" only prior to 1939.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 6.—METALS AND MANUFACTURES—Con.</b>												
<b>Ferro-alloys</b>							942	2,016	3,205	12,473	14,161	19,252
Ferromanganese and spiegeleisen, tons of, 2,240 lbs.	3,907	348	466	1,725	247	2,923	109	13	27	73	19	248
Other ferro-alloys.....do.....			2,482	2,780	1,197	4,042			807	2,202	1,172	1,025
Tungsten metal, wire, shapes, and other alloys <sup>33</sup> pounds.....do.....	39,795	750,731	103,877	449,307	256,185	195,002	198	491	615	867	563	785
Molybdenum ore and concentrates.....1,000 lbs.						43,554						14,067
Other ores and nonferrous metals and alloys, n. s., used in the manufacture of iron and steel 1,000 lbs.	8,874	18,555	34,262	69,122	58,132	22,509	635	1,511	1,757	9,332	12,407	
<b>Nonferrous metals, except precious</b>							205,701	58,622	76,217	129,244	117,663	3,128
<b>Aluminum</b>							11,640	3,886	3,932	6,400	6,944	24,823
Bauxite and other aluminum ores tons of, 2,240 lbs.	112,133	54,502	56,227	83,745	43,759	45,108	5,091	1,670	748	1,018	530	579
do.....do.....			28,244	39,446	13,967	6,467			1,575	2,439	930	539
Ingot, scrap, and alloys.....1,000 lbs.	1,545	4,469	954	4,719	9,670	57,199	305	523	130	967	1,861	11,694
Plates, sheets, bars, strips, and rods.....do.....	12,905	967	652	664	2,948	17,017	3,182	276	252	293	2,051	9,198
Tubes, moldings, castings, and other shapes 1,000 lbs.	1,796	810	902	589	576	1,370	581	321	318	279	314	977
Table, kitchen, and hospital utensils.....do.....			555	766	672	538	601	277	301	412	364	302
Aluminum foil.....do.....				423	145	1,133				121	67	488
Other aluminum manufactures.....do.....							1,878	619	608	870	827	1,045
<b>Copper</b>							149,999	39,920	50,863	93,626	86,809	97,185
Ores, concentrates, composition metal, and unre- fined copper (copper content).....1,000 lbs.	4,458	25,342	6,769	8,175	2,004	124	572	1,701	469	892	172	25
Refined copper in ingots, bars, or other forms 1,000 lbs.	828,927	384,544	440,781	590,127	741,091	745,555	123,015	29,695	40,702	76,684	74,063	82,233
Old and scrap copper.....do.....	38,366	34,849	26,447	41,828	43,621	35,286	4,744	2,455	2,233	4,571	3,575	3,376
Pipes and tubes.....do.....	3,218	1,351	1,696	2,183	1,645	3,140	834	261	353	547	355	747
Plates and sheets.....do.....	7,090	4,808	2,220	2,771	1,100	1,685	1,425	548	367	584	224	353
Rods.....do.....	66,192	30,120	31,402	30,664	29,356	47,253	10,467	2,783	3,175	4,114	3,127	5,489
Wire (bare).....do.....	14,325	3,620	4,291	9,390	10,724	7,260	2,521	399	490	1,522	1,266	998
<b>Insulated copper wire and cable:</b>												
Rubber-covered wire.....do.....		2,666	5,129	7,705	6,055	5,876		556	1,105	2,047	1,390	1,303
Weatherproof wire.....do.....		1,558	1,799	2,598	2,598	2,644		219	270	474	399	413
Telephone cable.....do.....	21,264	369	283	336	5,833	6,330	5,123	60	54	74	1,529	1,385
Other insulated copper wire.....do.....		4,091	4,016	4,838				823	859	1,265	862	864
Other copper manufactures.....do.....							1,298	421	586		689	864
<b>Brass and bronze</b>							15,802	5,218	6,667	11,467	7,945	8,818
Scrap and old.....1,000 lbs.	65,962	40,760	24,679	37,103	31,977	10,677	6,461	2,146	1,564	3,199	2,295	743
Ingot.....do.....		347	350	478	236	1,626		31	33	71	24	230
Bars and rods.....do.....	2,926	1,388	1,814	16,023	2,311	9,092	547	203	312	2,268	411	1,183
Plates and sheets.....do.....	1,696	483	549	871	1,099	2,234	400	97	117	235	242	534
Pipes and tubes.....do.....	4,236	1,458	1,391	2,722	1,385	2,238	1,052	253	300	706	311	500

FOREIGN COMMERCE

Pipe fittings and valves.....do.....	3,709	1,250	1,905	2,697	1,971	2,541	2,005	703	1,062	1,707	1,257	1,572
Plumbers' brass goods.....do.....	836	568	930	1,275	997	1,444	476	293	480	679	576	802
Wire of brass or bronze.....do.....	1,344	500	565	656	367	1,356	439	122	141	186	104	336
Brass wood screws.....1,000 gross.....	<sup>12</sup> 556	112	81	101	60	123	<sup>12</sup> 152	28	31	48	24	44
Hinges and butts of brass or bronze.....doz. prs.....	<sup>10</sup> 28,976	13,192	17,510	32,268	22,663	25,389		31	48	76	58	75
Other hardware of brass or bronze.....do.....							781	231	296	368	249	277
Other brass and bronze manufactures.....do.....							3,579	1,079	1,283	1,927	2,394	2,622
<b>Lead</b> .....do.....							10,305	1,185	2,078	2,782	3,936	5,550
In pigs, bars, etc.....1,000 lbs.....	171,098	32,246	36,627	40,181	91,733	148,784	8,599	768	1,300	1,838	3,355	4,547
Sheets and pipes.....do.....			711	1,536		2,055			52	117		113
Solder.....do.....	13,624		1,054	1,021	911	1,669	1,706	418	232	296	221	386
Other lead manufactures.....do.....									404	531	380	503
<b>Nickel:</b>												
Nickel, Monel metal, and alloys.....do.....	2,353	2,675	6,877	7,633	11,877	18,979	847	908	3,060	2,685	2,897	5,076
Manufactures.....do.....							959	643	3,635	2,465	607	496
Tin and manufactures.....do.....							2,155	524	1,295	2,533	2,065	1,098
<b>Zinc</b> .....do.....							6,564	1,135	1,290	1,877	1,521	2,312
Ore, concentrates, and dross.....1,000 lbs.....	67,708	2,186	490	628	270	605	1,573	48	6	10	6	11
Cast in slabs, plates, blocks, or pigs.....do.....	53,083	5,993	74	497		9,030	3,543	155	5	26		479
Rolled in sheets, strips, etc.....do.....	8,808	6,893	8,966	11,626	11,471	12,838	940	537	723	1,104	908	1,052
Dust.....do.....	2,355	2,980	3,586	4,290	4,505	5,668	225	218	274	418	356	469
Other zinc manufactures.....do.....	2,101	1,523					283	177	283	319	250	301
Nickel silver, or German silver, crude, scrap, etc. 1,000 lbs.....	1,307	435	951	819	795	800	318	77	144	181	91	136
Babbitt metal.....do.....	1,646	925	1,015	1,158	804	886	523	258	323	450	303	401
Nickel chrome electric resistance wire.....do.....		256	329	495	491	554		297	415	563	552	610
Quicksilver or mercury.....do.....			20	34	54	92			19	37	50	137
Other metals and alloys in primary forms.....do.....	5,474	7,238					1,326	1,352	1,677	1,645	1,764	2,719
Plated ware, other than gold or silver except cutlery.....do.....							952	270	420	582	442	405
Type.....1,000 lbs.....	665	159	200	217	202	216	363	80	98	97	100	109
Other metal and metal composition manufactures, n. e. s.....do.....							3,887	1,067	1,489	1,854	1,637	1,945
<b>Precious metals and plated ware, except jewelry, and gold and silver in ore, bullion, and coin</b> .....do.....							3,193	1,012	2,738	3,865	1,707	2,316
<b>Platinum:</b>												
Ingots, sheets, wire, alloys, and scrap.....ozs. (troy).....	8,830	10,034	55,454	59,567	33,635	46,329	741	301	2,069	2,909	1,157	1,529
Manufactures, except jewelry.....do.....	1,568	1,452	2,590	2,374	796	4,041	121	66	124	101	31	213
Tableware, including cutlery.....do.....												
Stirling and other solid silverware and gold plated ware.....do.....												
Silver plated.....do.....							789	183	112	145	41	93
Gold manufactures, n. e. s.....do.....							1,264	375	183	215	152	248
Silver manufactures, n. e. s.....do.....							276	87	153	96	318	233
									178	178	178	178

<sup>10</sup> Average for years 1929 and 1930.

<sup>11</sup> Average for years 1927-30.

<sup>12</sup> "Ferrotungsten, tungsten metal, and wire" prior to 1936.

<sup>13</sup> Not including pounds of "Other copper manufactures."

<sup>14</sup> Not including pounds of "Other copper manufactures."



GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 7.—MACHINERY AND VEHICLES</b>												
<b>Total</b>							934, 545	379, 791	614, 520	689, 186	849, 005	896, 027
<b>Electrical machinery and apparatus</b>							102, 711	62, 635	91, 352	112, 576	102, 136	105, 251
<b>Generators:</b>												
Direct current..... number	3, 447	396	1, 202	2, 046	1, 393	1, 350	1, 632	172	345	512	358	379
Alternating current..... do	332	231	683	1, 462	1, 060	867	987	754	361	1, 106	691	746
Steam turbine generator sets:												
Under 500 kilowatts..... do						267	1, 342	461	255	334	1, 382	261
500 kilowatts and larger..... do	1, 008	136	243	208	198	74	968	523	667	589	650	2, 180
Accessories and parts for generators												851
<b>Welding sets:</b>												
Motor-generator type..... number	3 424	388	2, 193	3, 380	2, 831	1, 707	3 439	372	720	1, 060	1, 069	831
Nonrotating type..... do						682						208
Self-contained lighting outfits..... do	4, 035	911	7, 496	27, 674	16, 528	16, 504	1, 129	217	650	1, 761	1, 452	1, 526
Wind-driven generators..... do					19, 538	27, 088					414	572
<b>Batteries:</b>												
Storage batteries							3, 420	1, 494	1, 818	2, 840	2, 196	2, 406
6- and 12-volt storage batteries <sup>88</sup> ..... thousands	3 263	210	281	417	328	385	3 1, 815	1, 048	1, 223	1, 829	1, 487	1, 792
Other storage batteries..... thousand cells	3 136	3	77	120	86	75	3 1, 294	445	595	1, 010	708	614
No. 6 dry-cell batteries..... thousands	3 2, 439	1, 263	1, 005	1, 240	846	1, 054	3 577	270	196	229	169	212
Flashlight batteries..... thousand cells	39, 898	52, 344	62, 873	79, 357	55, 038	107, 140	2, 790	1, 963	2, 300	2, 813	1, 976	3, 379
Radio B and C batteries (dry)..... do		5, 654	10, 350	11, 833	7, 751	5, 150		253	452	511	314	224
Other batteries, n. e. s..... thousands	7, 495	122	121	171	194	282	2, 157	89	137	189	173	236
Capacitors, ½ kilovolt-ampere and larger..... number						1, 733						91
<b>Transforming or converting apparatus:</b>												
Power transformers, 500 kilovolt-amperes and over..... number		38	65	43	49	53		360	363	437	443	775
Distribution transformers, less than 500 kilovolt-amperes..... number	6, 401	1, 809	2, 549	3, 436	4, 268	4, 004	2, 467	336	432	649	722	592
Instrument transformers..... do	62, 003	3, 241	3, 668	3, 971	4, 485	3, 782	1, 264	103	147	122	136	115
Other transformers..... do		22, 008	30, 238	44, 632	54, 480	78, 610		255	392	422	462	508
Mercury power rectifiers..... do						131						23
<b>Rotating converters:</b>												
Under 300 kilowatts..... do	60, 231	2, 228	4, 664	5, 815	3, 849	3, 610	1, 504	400	529	686	755	368
300 kilowatts and larger..... do						16						263
Complete battery chargers, nonrotating..... do		2, 531	8, 701	11, 674	30, 945	33, 802		37	148	234	231	255
<b>Transmission and distribution apparatus:</b>												
Feeder voltage regulators <sup>88</sup> ..... do						294						59
Switchboard panels, except telephone..... do							1, 756	554	440	559	637	198
Oil circuit breakers and switches..... number						3, 733						
Power switches and circuit breakers over 10 amperes..... do							2, 202	764	1, 127	1, 492	1, 803	1, 579

Fuses.....	thousands.....	4, 761	1, 788	2, 026	2, 764	2, 531	3, 165	422	118	188	193	176	205	
Watt-hour and other measuring meters.....	number.....	76, 951	37, 093	49, 228	96, 681	57, 177	69, 427	780	324	446	772	573	615	
Volt, watt, and ampere meters, and other recording, indicating, and testing apparatus.....	number.....	<sup>36</sup> 245, 003							2, 022	1, 221	1, 755	2, 376	2, 474	
Electrical indicating instruments.....	do.....	<sup>36</sup> 64, 322	66, 259	77, 712	143, 957	135, 102	79, 003		<sup>36</sup> 663	409	533	808	869	
Electrical recording instruments.....	do.....	<sup>36</sup> 5, 768	2, 229	2, 569	3, 221	2, 338	2, 886		<sup>36</sup> 330	229	274	341	284	
Other electrical testing apparatus.....	number.....								<sup>36</sup> 947	593	949	1, 227	1, 321	
Lightning arresters, choke coils, reactors, and other protective devices.....	number.....	86, 735						813	419	452	640	696	454	
Motors, starters, and controllers:														
Motors 1/3 horsepower and under.....	do.....		64, 896	105, 729	123, 160	103, 980	135, 554	2, 824	{	691	679	881	779	849
Motors over 1/3 and under 1 horsepower.....	do.....	136, 572	8, 355	10, 461	14, 360	10, 734	17, 285			202	296	345	273	345
Stationary motors:														
1 to 200 horsepower.....	do.....	21, 687	6, 126	8, 687	11, 518	9, 875	12, 654	3, 358	873	1, 350	1, 839	1, 481	1, 480	
Over 200 horsepower.....	do.....	198	42	49	107	91	100	553	214	116	283	499	472	
Railway motors.....	do.....	652	124	129	264	123	90	629	90	140	305	158	29	
Electric locomotives, railway, mining, and industrial.....	number.....	170	76	99	181	151	89	1, 685	501	543	800	752	725	
Electric industrial trucks and tractors.....	do.....	180	55	77	118	158	191	204	112	162	260	409	467	
Starting and controlling equipment:														
For industrial motors.....	number.....							1, 550	734	1, 162	1, 545	1, 395	1, 520	
For electric railway and vehicle motors.....	number.....							2, 607	210	751	264	235	107	
Accessories and parts for motors.....	number.....							1, 077	653	910	1, 933	1, 614	1, 490	
Portable electric tools.....	number.....	23, 272	12, 367	20, 647	26, 999	28, 446	32, 851	1, 077	653	910	1, 232	1, 335	1, 434	
Electric household refrigerators.....	do.....	<sup>12</sup> 39, 256	75, 047	160, 782	167, 862	141, 008	124, 031	<sup>12</sup> 7, 084	6, 445	11, 768	12, 755	10, 768	9, 535	
Electric commercial refrigerators up to 1 ton.....	number.....	<sup>3</sup> 10, 900	15, 476	24, 297	30, 709	19, 326	17, 161	<sup>3</sup> 2, 061	1, 632	2, 234	2, 484	1, 014	1, 792	
Parts for electric refrigerators.....	number.....							2, 895	5, 170	5, 420	5, 233	6, 057	6, 057	
Electric appliances:														
Flashlight cases.....	thousands.....	2, 578	1, 159	1, 817	2, 262	1, 489	1, 664	2, 207	467	671	918	672	715	
Electric fans.....	number.....	76, 700	44, 517	106, 142	128, 136	119, 676	110, 055	1, 026	304	548	622	640	602	
Electric lamps:														
Metal filament.....	thousands.....	9, 454	6, 978	14, 014	18, 729	14, 766	18, 428	1, 426	759	1, 183	1, 499	1, 245	1, 424	
For automobiles, flashlights, and Christmas trees.....	thousands.....	<sup>3</sup> 3, 110	3, 705	7, 879	10, 644	8, 093	9, 834	<sup>3</sup> 194	178	357	449	359	405	
Other metal filament bulbs.....	do.....	<sup>3</sup> 5, 342	3, 273	6, 134	8, 085	6, 663	8, 594	<sup>3</sup> 1, 017	581	826	1, 050	886	1, 019	
Other electric lamps.....	do.....	2, 060	240	578	213	551	698	444	70	141	49	87	124	
Searchlights, airport beacons, and floodlights.....	number.....	18, 073	3, 940	6, 350	7, 864	7, 491	9, 764	635	156	207	209	663	412	
Motor-driven household devices:														
Electric washing machines.....	do.....	23, 328	8, 736	26, 649	56, 921	66, 207	55, 239	1, 566	{	436	1, 066	2, 101	2, 629	2, 148
Electric washing machine parts.....	number.....	<sup>3</sup> 75, 143	34, 140	30, 289	27, 990	29, 779	20, 739			467	509	529	559	584
Electric vacuum cleaners.....	do.....									298	347	284	220	
Electric vacuum cleaner parts.....	number.....							2, 505						
Other motor-driven devices, except tools.....	number.....	<sup>3</sup> 30, 811	17, 844	40, 679	61, 791	64, 571	54, 804		318	633	801	691	635	
Electric flatirons.....	do.....	<sup>3</sup> 141, 153	87, 778	140, 041	199, 222	175, 061	164, 705		144	225	342	319	280	

<sup>36</sup> 1930 only.

<sup>3</sup> Average for years 1928-30.

<sup>12</sup> Average for year 1927-30.

<sup>26</sup> 6-volt storage batteries prior to 1932.

<sup>33</sup> Average for years 1926 and 1927.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 7.—MACHINERY AND VEHICLES—Continued</b>												
<b>Electrical machinery and apparatus—Continued.</b>												
<b>Electric appliances—Continued.</b>												
<b>Domestic heating and cooking devices:</b>												
Electric cooking ranges.....number	7,319	3,561	6,297	6,807	6,210	6,636	1,464	246	365	400	350	379
Other domestic heating and cooking devices.....thousands	295	155	227	287	226	232		389	639	816	704	710
Electric melting furnaces and parts.....number	2,656	2,947	6,728	11,507	12,445	}	518	408	616	836	2,107	}
Heat-treating furnaces and parts.....do												
Other industrial heating devices and parts, do												
Therapeutic apparatus, X-ray tubes, and X-ray machines.....do							1,692	972	1,474	2,022	1,992	2,201
<b>Signal and communication devices:</b>												
<b>Radio apparatus:</b>												
<b>Transmitting sets and parts:</b>												
Receiving sets.....number	137,558	494,382	635,984	618,710	449,163	551,846	15,259	20,477	28,279	32,109	23,101	22,177
Radio receiving tubes.....thousands	990	4,961	8,390	9,687	7,284	7,356	962	976	1,817	2,684	2,958	2,696
Receiving-set components.....thousands	232	167	340	428	360	398	6,342	12,363	16,041	16,129	10,554	10,448
Loud speakers.....thousands	232	167	340	428	360	398	1,450	2,535	3,514	4,064	2,973	3,001
Other receiving-set accessories.....thousands							3,234	3,624	5,660	7,463	5,413	4,965
Telegraph apparatus and parts.....do							3,271	536	706	888	680	575
Telephone apparatus:							951	443	540	881	524	492
Telephone instruments.....number	37,740	11,855	12,724	14,099	10,852	9,855		212	227	503	343	300
Other telephone equipment.....do							547	177	186	261	180	169
Bells, buzzers, annunciators, and alarms.....do							4,293	1,153	1,841	3,022	3,555	3,190
Other electrical apparatus:							347	201	199	225	257	268
<b>Starting, lighting, and ignition equipment (except spark plugs):</b>												
Insulating material.....1,000 lbs.	5,554	1,426	1,493	1,645	1,138	1,645	1,641	916	1,317	1,437	1,245	1,162
Rigid metal conduit.....do							1,342	313	347	412	304	407
Other metal conduit, outlet, and switch boxes.....do							1,258	445	625	1,083	900	670
Sockets, outlets, fuse blocks, and lighting switches.....thousands	10,521	5,711	6,453	9,652			1,876	882	775	1,021	1,217	1,486
Electric interior lighting fixtures and parts.....do							2,466	677	1,056	1,143	1,187	1,337
Electric exterior lighting fixtures and parts.....do								160	167	232	226	269
Other wiring supplies and line material.....do							1,318	568	737	1,019	943	1,080
Electric razors.....number				43,766	239,501	296,387	9,346	3,565	5,759	197	1,069	918
Other electrical apparatus, n. e. s.....do									7,421	7,711	7,711	9,714
<b>Industrial machinery:</b>												
<b>Power-generating, except electric and automotive:</b>												
Steam engines, boilers, and accessories:							214,364	94,702	158,493	240,471	269,906	289,896
Stationary, except turbines.....number	392	45	71	108	71	58	23,561	6,824	9,137	15,545	17,631	14,868
Mechanical-drive turbines.....do	87	32	25	54	88	46			91	301	101	54

Locomotives.....	189	24	39	53	63	47	3,812	616	523	1,817	3,261	849
Locomotive parts and accessories.....							738	777	977	1,661	1,592	1,303
Frames, cradles, bolsters, or beds of iron or steel for locomotives and other railway rolling stock <sup>36a</sup> .....							3,053			751	690	287
Other engines and parts.....								175	175	246	466	231
Steam boilers, fire tube.....1,000 sq. ft. <sup>37</sup>		37	128	161	199	156	1,656	64	231	353	565	429
Steam boilers, water tube.....do.....	730	79	142	121	210	182		147	409	247	998	556
Condensers, heaters, accessories.....do.....							777	255	342	233	531	366
Steam specialties—injectors, gauges, safety valves, steam traps, boiler-tube cleaners, etc.....							2,181	886	1,178	1,783	1,277	1,326
Internal-combustion engines:												
Locomotives: Gasoline.....number.....	291	28	30	74	27	30	738	95	100	188	90	93
Diesel and Diesel-elec.....do.....			48	23	43	35			133	169	357	402
Stationary and portable engines:												
Diesel and semi-Diesel.....do.....	744	172	422	852	523	641	1,251	450	1,112	2,283	2,125	2,452
Other: Not over 10 horsepower.....do.....	32,357	6,289	13,730	20,806	16,285	16,018	2,795	399	792	1,167	882	896
Over 10 horsepower.....do.....	3,788	1,678	2,193	3,241	3,243	2,429	2,169	880	1,002	1,619	1,582	1,451
Engine accessories and parts (carburetors).....							3,718	1,439	1,941	2,755	2,829	2,956
Water wheels and water turbines.....							465	498	125	300	190	143
Construction and conveying machinery.....							22,188	6,506	11,708	22,909	23,917	24,303
Excavators, incl. power shovels.....number.....	473	97	175	396	386	389	5,845	1,300	2,106	4,564	4,953	5,025
Excavator parts and accessories.....							2,037	782	1,095	1,944	2,014	1,826
Dredging machinery and parts.....							924	509	905	2,537	2,160	1,195
Concrete mixers.....number.....	1,724	202	583	836	812	1,046	1,044	123	336	663	557	573
Road rollers.....do.....	151	35	111	196	124	129	379	88	357	450	396	384
Road graders.....do.....	935	204	541	1,306	1,520	1,801	2,241	255	940	2,404	3,093	3,805
Other road-making equipment.....							1,005	510	1,475	3,164	3,768	4,764
Other construction equipment.....							869	272	600	788	843	983
Cranes with swinging booms.....number.....	108	19	45	86	71	65	1,259	171	300	386	691	398
Other cranes.....do.....	278	40	63	121	164	131	1,259	209	250	670	391	1,014
Hoists.....do.....	7,895	1,632	2,561	3,654	2,736	4,230	1,556	332	590	1,163	786	929
Derricks, except mining.....do.....		13	52	98	107	22		23	70	201	233	49
Elevators, freight and passenger.....do.....	625	277	194	340	271	320	1,114	475	476	640	697	626
Conveyors, bucket, chain, or belt.....do.....	1,339	255	632	540	363	352	513	131	234	329	325	245
Other conveying equipment and parts.....							3,402	1,326	2,004	3,106	3,001	2,486
Mining, well, and pumping machinery.....							43,778	20,448	34,372	59,989	63,583	61,174
Mining and quarrying machinery:												
Coal cutters.....number.....	137	49	56	72	66	48	493	171	198	320	253	176
Rock drills.....do.....	10,559	4,986	6,667	9,885	7,044	7,553	1,829	911	1,398	1,912	1,449	1,753
Mine hoists and derricks.....do.....	966	519	690	892	742	702	702	438	525	741	610	610
Ore crushing and sorting.....							3,729	1,720	2,725	4,207	4,326	3,477
Concentrating and smelting.....							970	478	617	921	886	1,201
Other mining and quarrying.....							7,445	3,450	4,863	8,578	7,257	7,493

<sup>3</sup> 1930 only.

<sup>8</sup> Average for years 1928-30.

<sup>10</sup> Average for years 1929 and 1930.

<sup>27</sup> Heating surface.

<sup>36a</sup> Included under "Other industrial machinery and parts, n. e. s." prior to 1937.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 7.—MACHINERY AND VEHICLES—Continued</b>												
<b>Industrial machinery—Continued.</b>												
Mining, well, and pumping machinery—Con.												
Well and refining machinery:												
Petroleum and gas well-drilling apparatus.....							8,719	4,163	8,762	18,513	23,222	19,813
Other petroleum-well and refining machinery.....							10,294	5,732	10,066	16,671	17,220	16,963
Other well-drilling apparatus.....							<sup>10</sup> 1,049	196	425	818	389	386
Pumping equipment:												
Centrifugal pumps.....number.....	4,709	2,517	4,698	7,388	7,962	9,917	1,381	714	1,003	1,676	2,011	2,872
Deep-well turbine pumps.....do.....			423	737	746	704			205	480	473	520
Reciprocating steam pumps <sup>22</sup> .....do.....	5,802	1,283	1,137	1,202	953	974	1,609	338	383	561	447	449
Rotary pumps.....do.....	1,071	2,411	5,470	5,014	3,472	3,774	<sup>3</sup> 131	101	228	315	346	318
Other reciprocating power pumps <sup>23</sup> .....do.....	20,168	6,242	7,594	10,559	8,080	8,174	2,658	803	998	1,476	1,328	1,404
Hand and windmill pumps.....do.....	86,975	21,176	28,862	38,064	26,478	36,277	739	132	171	232	164	197
Self-contained household water systems.....do.....		501	895	1,720	1,612	2,129		35	63	113	108	135
Other pumps and parts of pumps.....							2,712	1,067	1,743	2,457	3,084	3,179
Power-driven metal-working machinery.....							28,211	20,548	41,897	59,880	97,289	112,572
Engine lathes.....number.....	747	479	2,287	3,446	3,921	4,330	1,586	1,008	2,825	3,649	6,650	6,533
Turret lathes.....do.....	359	187	674	1,230	1,339	1,799	1,018	493	1,847	3,839	5,986	7,486
Other lathes.....do.....	702	512	1,020	1,166	1,310	2,389	1,208	749	1,343	1,420	2,172	3,399
Vertical boring mills and chucking machinery.....number.....	172	135	423	428	442	691	392	604	1,801	2,360	3,628	5,248
Thread-cutting and automatic screw machines.....number.....	852	419	1,030	1,352	1,334	1,775	1,073	709	2,236	3,765	4,409	5,605
Knee and column type milling machines.....number.....	324	133	398	924	980	1,523	734	548	1,168	3,599	4,629	6,689
Other milling machines.....do.....	530	397	989	1,084	1,864	2,192	1,369	1,227	2,470	3,639	9,955	12,563
Gear-cutting machines.....do.....	367	331	599	679	651	808	947	1,150	2,125	2,606	3,106	3,988
Vertical drilling machines.....do.....	406	247	488	616	477	868	415	385	801	902	998	1,372
Radial drilling machines.....do.....	119	69	107	213	230	354	275	151	226	595	872	977
Other drilling machines.....do.....	1,625	1,760	2,485	3,733	2,321	3,139	646	946	1,521	1,616	1,828	1,775
Planers and shapers.....do.....	435	158	267	405	452	610	723	373	488	1,050	2,794	4,020
Grinding machines:												
Surface.....do.....	<sup>10</sup> 231	201	604	903	909	1,168	<sup>10</sup> 324	423	1,081	1,745	2,769	2,545
External cylindrical.....do.....	699	240	287	334	605	685	1,589	740	1,039	1,569	4,087	3,925
Internal.....do.....	390	215	314	532	658	796	931	739	1,259	2,451	4,000	4,339
Tool grinding, cutter grinding, and universal.....number.....	1,054	865	1,870	1,592	2,081	2,594	525	606	1,540	2,002	3,268	3,887
Other metal-grinding machines.....							805	651	1,088	1,624	3,424	5,413
Sheet and plate metal-working machines and parts.....							2,702	2,443	3,885	4,292	8,095	5,352

Forging machinery and parts.....								1,347	1,551	1,826	1,946	3,977	4,750
Rolling-mill machinery and parts.....								885	1,131	4,186	6,250	10,066	10,011
Foundry and molding equipment.....								1,785	901	2,139	1,507	1,949	1,223
Other power-driven metal-working machinery and parts.....								4,995	3,011	5,001	7,456	8,627	11,471
Other metal-working machinery.....								4,172	2,413	4,221	4,423	4,384	4,902
Pneumatic portable tools.....number.....	20,581	7,976	13,720	21,759	23,807	22,943		1,614	546	927	1,356	1,621	1,343
Other portable and hand- or foot-operated metal-working machines and parts.....								897	494	885	1,307	1,295	1,392
Chucks for machine tools.....number.....	18,945	13,832	46,115	51,214	45,880	82,307		239	101	210	262	301	331
Machine-operated pipe and thread cutters, stocks, dies, taps, and other machine-operated cutting tools.....number.....			56,324	69,718	43,169	61,221			790	1,603	807	627	804
Other metal-working tools.....								1,422	481	596	692	540	1,031
Textile, sewing, and shoe machinery.....								23,374	12,794	20,564	22,903	15,342	19,047
Textile machinery.....								17,408	6,322	10,534	10,960	7,540	9,068
Full-fashioned hosiery knitting machines, power driven.....number.....	3 85	23	40	19	34	70		3 455	127	283	149	193	553
Circular hosiery knitting machines.....do.....	6,649	1,155	857	891	972	1,244		2,736	509	476	521	451	588
Other circular knitting machines.....do.....	1,432	1,076	1,035	643	259	553		657	460	361	307	160	234
Other knitting machines and parts.....								1,394	562	712	963	753	916
Winders and parts.....number.....	3 1,091	1,867						3 360	708	1,205	1,837	970	1,120
Carding and other preparing, spinning, and twisting machinery and parts:													
Cotton <sup>40</sup> .....								525	500	985	2,105	1,550	1,638
Wool <sup>41</sup> .....								292	130	168	177	46	143
Other, including silk throwing machinery and parts <sup>42</sup> .....								542	509	1,173	253	211	194
Looms and parts:													
Cotton.....number.....	10 1,452	1,030	1,861	1,670	882	967		543	339	659	793	357	303
Other.....do.....			975	441	483	825				402	323	274	511
Parts of looms.....										601	444	453	487
Braiding and insulating machines and parts.....										182	167	165	366
Bearing, warping, and slashing machinery and parts.....								4,555	2,477	108	84	52	56
Dyeing and finishing machines and parts.....										116	239	119	168
Other textile machinery.....										3,159	2,597	1,786	1,811
Sewing machines:													
For domestic use.....number.....	173,222	72,104	106,958	143,965	88,782	102,282		4,616	1,511	3,441	4,496	2,423	2,600
For factory or industrial use.....do.....	57,833	22,786	60,786	62,806	32,970	50,522		4,054	3,112	4,043	4,602	2,877	4,237
Sewing-machine parts.....								1,600	1,152	1,878	1,955	1,691	2,228
Shoe machinery, except sewing.....								1,695	698	668	889	810	895

<sup>1</sup> 1930 only.

<sup>2</sup> Average for years 1928-30.

<sup>10</sup> Average for years 1929 and 1930.

<sup>38</sup> "Steam pumps" prior to 1923.

<sup>39</sup> "Other power pumps" prior to 1923.

<sup>40</sup> Cotton spinning and twisting machines prior to 1936.

<sup>41</sup> Wool carding and weaving machines prior to 1936.

<sup>42</sup> Silk machinery prior to 1936.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 7.—MACHINERY AND VEHICLES—Continued</b>												
<b>Industrial machinery—Continued.</b>												
<b>Other industrial machinery</b> .....							71,080	25,189	36,544	54,820	47,761	53,515
Cigarette, cigar-making, and other tobacco machinery.....							<sup>8</sup> 1,380	694	469	717	637	488
Dairy equipment for commercial use.....							<sup>12</sup> 837	302	414	503	860	1,092
Bakery machinery and parts.....							647	174	137	662	660	967
Flour-mill and gristmill machinery and parts.....							205	76	44	207	114	245
Rice-mill machinery and parts.....										76	86	81
<b>Sugar-mill machinery:</b>												
Cane mills.....	3,022	751	1,440	2,803	1,500	1,812	490	77	176	301	196	268
Other sugar-mill machinery.....							4,132	1,274	1,519	3,115	1,588	2,159
Paper and pulp-mill machinery.....							3,633	1,068	1,345	1,507	1,079	795
Paper-converting machinery and parts.....									1,109	1,424	786	988
<b>Woodworking machinery:</b>												
Sawmill machinery and parts.....							877	272	315	609	432	327
Planers, matchers, jointers, and molders.....												
number.....	208	70	216	310	313	328	235	55	59	151	202	123
Veneer machinery and parts.....							<sup>8</sup> 80	48	105	112	32	168
Other woodworking machinery and parts.....							1,809	585	925	1,374	1,162	1,262
Blowers and ventilating machinery and parts.....							1,366	634	597	835	698	885
Cannery machinery.....												419
Bottling, bottle-washing, and bottle-labeling machinery and parts.....							<sup>10</sup> 1,636	533	990	1,488	1,920	2,119
Brewers' machinery and parts.....							981	157	620	603	421	317
Ice-making equipment and parts.....							776	431	815	1,173	905	769
<b>Refrigerating equipment:</b>												
Up to 1-ton capacity <sup>43</sup> .....								143	235	228	333	606
Over 1 and up to 10 tons capacity <sup>43</sup> .....							2,548	320	439	712	637	703
Over 10 tons refrigerating capacity.....							846	215	215	388	350	263
Air-conditioning equipment, including portable.....								<sup>9</sup> 321	887	1,673	1,685	2,135
Oil-mill machinery.....							866	354	588	1,010	682	884
Cotton gins, cotton presses, and parts.....							490	620	1,337	1,490	1,023	932
Ball bearings and parts, except balls.....									802	1,156	1,128	1,152
Roller bearings and parts, except rollers.....							2,464	1,329	1,423	1,770	1,435	1,794
Balls and rollers for bearings.....									24	103	85	116
<b>Air compressors:</b>												
Capacity up to 25 cubic feet.....	11,431	3,746	4,371	5,751	4,120	5,017	1,162	304	311	392	313	343
Capacity over 25 cubic feet.....	3,964	995	1,203	1,971	1,508	1,560	4,932	1,288	1,441	2,849	3,074	2,452
Portable air compressors.....		461	500	557	727	759		582	872	1,001	1,037	1,084
Meat and other grinding and slicing machines.....												
number.....	<sup>11</sup> 31,470	5,144	7,810	9,048	9,141	9,781	<sup>12</sup> 994	417	583	880	869	959
Paint-spraying equipment and parts.....							<sup>8</sup> 671	264	432	557	527	580

Laundry machinery																
Power-driven laundry machines for commercial laundries..... number.....	2,591	378	528	664	449	654	1,483	260	156	205	129	154				
Other laundry and dry-cleaning equipment and parts.....							1,780	597	781	1,292	1,240	1,218				
Gas meters and parts <sup>44</sup> .....							326	108	183	152	258	258				
Water meters and parts <sup>44</sup> .....							455	366	324	605	473	496				
Iron or steel body valves and parts for steam, water, oil, and gas <sup>45</sup> .....							<sup>8</sup> 3,619	1,109	1,871	3,113	2,750	3,967				
Other industrial machinery and parts, n. e. s.....							32,999	16,398	13,504	20,312	17,972	19,933				
<b>Office appliances</b>							44,969	21,268	29,824	37,698	29,118	29,166				
Accounting and calculating machines:																
Billing and bookkeeping machines..... number.....	10,545	3,489	5,155	7,283	5,349	4,263	5,311	2,328	3,168	4,546	3,574	3,081				
Listing-adding-bookkeeping..... do.....	<sup>12</sup> 4,577	864	1,215	1,921	1,577	1,446	<sup>12</sup> 2,681	865	1,131	1,749	1,475	1,426				
Typewriter-bookkeeping-billing..... do.....	<sup>12</sup> 6,483	2,625	3,940	5,362	3,772	2,917	<sup>12</sup> 3,119	1,463	2,036	2,797	2,099	1,655				
Listing-adding machines..... do.....	31,562	16,522	26,519	38,278	27,086	28,524	3,088	1,400	2,438	3,386	2,347	2,529				
Calculating machines..... do.....	12,431	5,415	11,905	13,849	10,152	8,354	2,143	951	2,043	2,482	1,754	1,603				
Card punching, sorting, and tabulating machines..... number.....	1,439	1,389	1,224	2,199	1,879	1,869	1,057	1,306	1,504	2,075	2,129	1,982				
Other, including used and rebuilt..... do.....	5,494	6,036	7,535	9,810	3,890	5,299	393	383	407	572	368	418				
Parts for accounting and calculating machines.....								906	1,732	2,439	1,821	1,820				
Duplicating machines, parts and supplies for.....								656	479	789	727	697				
Cash registers:																
New..... number.....																
Used and rebuilt..... do.....	36,183	12,202	12,653	{ 10,414	{ 12,881	{ 12,010	{ 7,302	{ 2,245	{ 2,205	{ 2,279	{ 2,234	{ 2,200				
Parts of cash registers.....				{ 5,670	{ 4,064	{ 2,116	{ }	{ }	{ }	{ 767	{ 416	{ 957	{ 1,012	{ 768	{ 477	{ 156
Typewriters..... number.....	368,542	263,282	259,594	307,519	210,280	227,705	19,918	8,955	11,856	13,549	9,538	10,175				
Standard typewriters, new..... do.....	203,806	79,200	117,819	127,518	90,825	100,312	14,006	5,241	7,698	8,360	6,048	6,647				
Portable typewriters, new..... do.....	123,633	82,176	102,314	129,729	87,552	89,130	4,629	2,643	2,885	3,528	2,375	2,362				
Used and rebuilt typewriters..... do.....	41,103	41,906	39,461	50,272	31,903	38,263	1,284	1,072	1,273	1,661	1,115	1,176				
Typewriter parts.....								1,044	762	1,091	1,081	1,356				
Staplers and staples (for office use) <sup>45a</sup> ..... 1,000 lbs.....			229	271	308				139	174	200	462				
Addressing machines and parts, equipment, accessories and supplies.....																
Other office appliances and parts.....							3,291	1,134	1,741	2,315	2,063	433				1,484
<b>Printing machinery</b>							16,097	7,144	11,352	13,160	9,918	9,283				
Typesetting machines..... number.....	1,377	573	742	890	560	525	4,584	1,968	2,640	3,415	2,249	2,022				
Printing presses..... do.....	2,799	1,165	1,576	2,019	1,476	1,651	5,989	2,189	4,229	4,704	3,306	3,283				
Bookbinding machinery and accessories.....							<sup>3</sup> 433	339	371	549	499	368				
Other printing and typesetting machinery and accessories.....							5,437	2,649	4,112	4,493	3,864	3,590				
<b>Agricultural machinery and implements</b>							109,901	26,750	43,985	75,331	75,432	68,507				
Bee-keeping equipment.....							<sup>10</sup> 115	49	59	60	45	42				
Cream separators..... number.....	12,491	5,318	1,749	1,845	1,479	1,566	722	297	93	79	73	42				
Other dairy equipment and parts for farm use.....							1,455	556	972	720	409	431				
Incubators and brooders..... number.....	27,869	3,845	3,654	3,906	3,348	6,639	719	127	187	173	104	187				
Other poultry equipment, n. e. s.....							<sup>8</sup> 241	94	73	70	47	64				

<sup>2</sup> 1930 only.

<sup>3</sup> Average for years 1928-30.

<sup>4</sup> 1935 only.

<sup>5</sup> Average for years 1929 and 1930.

<sup>12</sup> Average for years 1927-30.

<sup>43</sup> 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.

<sup>44</sup> Meters exclusive of parts prior to 1932.

<sup>45</sup> Valves exclusive of parts prior to 1932.

<sup>45a</sup> "Staples for paper fasteners and paper-stapling machines" 1936, 1937, and 1938.



GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 7.—MACHINERY AND VEHICLES—Continued</b>												
<b>Agricultural machinery and implements—Con.</b>												
Sprayers and dusters:												
For trees and crops:												
Hand sprayers..... number.....	58, 755	3, 024	21, 285	22, 036	22, 629	24, 832	406	157	156	158	149	164
Power sprayers..... do.....			653	1, 711	1, 055	1, 136			185	384	329	302
Small sprayers for garden and household use..... number.....			821, 690	1, 063, 653	1, 320, 032	1, 639, 843			152	201	224	280
Implements of cultivation:												
Horse and power plows..... do.....	184, 546	53, 385	95, 754	116, 810	65, 084	61, 631	6, 227	873	1, 679	2, 883	2, 683	2, 137
Harrow..... do.....	32, 590	4, 138	12, 324	24, 628	19, 815	13, 979	1, 758	193	595	1, 239	929	826
Cultivators, horse and power..... do.....	58, 802	19, 120	35, 856	44, 789	31, 489	34, 000	1, 137	272	588	808	740	564
Planters, horse and power..... do.....	11, 308	4, 613	13, 310	15, 691	12, 503	7, 515	487	219	412	615	586	354
Drills and seeders, horse, power, and hand..... do.....	18, 639	1, 617	3, 747	10, 219	8, 817	4, 896	1, 808	126	393	1, 007	1, 226	467
Other cultivating implements and parts..... do.....							4, 716	1, 404	1, 925	2, 732	2, 103	1, 831
Harvesting machinery:												
Mowers, except lawn..... number.....	14, 084	2, 223	6, 414	9, 572	6, 520	4, 767	874	154	445	649	526	356
Lawn mowers, hand and power..... do.....	100, 890	23, 326	44, 073	53, 332	44, 539	40, 554	791	206	296	371	383	360
Hayrakes and tedders..... do.....	8, 246	1, 110	7, 575	5, 882	3, 992	1, 920	315	43	226	287	209	93
Grain harvesters and binders..... do.....	26, 224	2, 232	2, 517	4, 035	4, 209	2, 687	4, 800	389	470	714	1, 070	634
Combines (reapers, threshers)..... do.....	6, 785	1, 030	608	1, 780	4, 071	4, 444	8, 730	1, 890	745	1, 937	4, 777	4, 482
Other harvesting implements and parts..... do.....							4, 103	1, 305	1, 586	1, 964	2, 161	2, 235
Seed separators:												
Threshers..... number.....	4, 115	175	584	601	937	776	3, 913	161	552	537	925	705
Corn shellers..... do.....	15, 942	2, 098	4, 280	4, 675	4, 353	3, 666	280	28	57	79	75	69
Other separators and parts..... do.....							1, 596	293	406	499	533	514
Feed cutters, grinders, and crushers..... number.....	7, 318	2, 827	2, 895	4, 064	3, 991	3, 952	342	181	253	304	387	291
Tractors and parts:												
Tracklaying (carburetor type)—												
Under 35 drawbar horsepower..... number.....	3, 732	1, 875	2, 735	5, 199	4, 624	3, 287	7, 674	3, 826	3, 703	7, 298	6, 331	4, 460
35 to 59 drawbar horsepower..... do.....			236	277	359	207			476	501	726	
60 and over drawbar horsepower..... do.....			41	82	87	72			173	299	388	
Tracklaying (fuel injection type)—												
Under 35 drawbar horsepower..... do.....			609	599	1, 165	1, 351			943	1, 113	2, 077	2, 498
35 to 59 drawbar horsepower..... do.....			1, 295	2, 911	1, 630	1, 648			3, 167	6, 800	4, 171	4, 108
60 and over drawbar horsepower..... do.....			509	1, 010	1, 057	1, 282			2, 685	4, 674	4, 935	6, 116
Wheel tractors..... do.....	51, 933	9, 036	14, 355	30, 176	30, 459	29, 702	40, 096	8, 243	11, 870	23, 519	23, 324	20, 006
14 belt horsepower and under..... do.....	5, 441	616	1, 200	2, 269	1, 941	2, 719	2, 937	396	654	1, 275	1, 053	1, 142
15 to 32 belt horsepower..... do.....	39, 778	7, 697	8, 751	19, 930	20, 304	21, 528	35, 893	6, 894	6, 475	14, 330	14, 219	13, 907
33 and over belt horsepower..... do.....	5, 821	734	4, 404	7, 977	8, 214	5, 455	7, 055	954	4, 740	7, 863	8, 052	4, 957
Engines for tractors..... do.....	1, 055	74	282	536	376	406	482	43	214	492	231	281
Parts and accessories for tractors..... number.....							10, 066	3, 848	5, 518	8, 162	9, 238	9, 873
Windmills..... number.....	22, 160	5, 465	14, 081	16, 972	12, 449	13, 171	1, 369	280	655	940	723	751
Towers and parts of windmills, except pumps..... do.....							776	183	391	423	311	328
Hay presses, hand and power..... number.....	929	174	394	677	624	636	275	55	128	229	236	231

Other agricultural machinery, implements, and parts.....							3, 814	1, 117	1, 526	2, 339	2, 047	1, 779
<b>Automobiles and other vehicles.....</b>							446, 503	187, 292	279, 514	409, 930	362, 493	393, 946
Automobiles, parts, and accessories.....							408, 164	146, 503	240, 213	346, 887	270, 427	253, 722
Electric trucks and passenger cars..... number.....	113						170					
Motor trucks, busses, and chassis (new)..... do.....	47 118, 473	61, 450	105, 800	165, 713	115, 597	114, 665	47 75, 190	30, 230	54, 772	100, 174	72, 155	69, 505
Under 1 ton..... do.....		6, 866	15, 710	20, 691	17, 152	17, 020		2, 243	5, 988	8, 342	7, 145	7, 081
1 and not over 1½ tons..... do.....	115, 427	46, 164	71, 305	109, 457	79, 908	80, 843	67, 392	19, 714	32, 800	54, 425	42, 875	42, 907
Over 1½, not over 2½ tons..... do.....		6, 808	13, 849	24, 820	11, 563	12, 106		5, 576	10, 550	19, 578	9, 416	10, 765
Over 2½ tons..... do.....	3, 046	1, 501	2, 808	9, 234	5, 737	4, 060	7, 798	2, 512	4, 315	16, 601	11, 536	8, 161
Bus chassis..... do.....		111	2, 128	1, 511	1, 237	636		185	1, 029	1, 226	1, 483	591
Second-hand trucks and busses..... do.....		256	439	454	191	297		114	188	203	65	117
Passenger cars and chassis..... do.....	47 275, 627	100, 265	179, 957	229, 486	161, 612	137, 866	47 197, 649	55, 308	103, 024	134, 815	100, 143	84, 658
Not over \$850..... do.....		91, 264	165, 501	208, 409	141, 305	122, 444		44, 532	86, 789	111, 872	78, 341	68, 359
Over \$850, not over \$1,200..... do.....	267, 230	6, 487	11, 758	17, 742	17, 353	13, 008	177, 168	6, 211	11, 238	16, 780	16, 735	12, 399
Over \$1,200, not over \$2,000..... do.....		1, 719	1, 817	2, 397	2, 356	2, 057		2, 617	2, 723	3, 649	3, 500	2, 968
Over \$2,000..... do.....	8, 397	795	881	938	598	357	20, 481	2, 047	2, 275	2, 514	1, 567	951
Second-hand passenger cars..... do.....		1, 184	1, 615	1, 996	1, 514	1, 477		478	681	868	723	676
Parts, except battery boxes, tires, inner tubes, and engines—												
Automobile parts for assembly.....							62, 237	32, 016	41, 365	53, 384	46, 439	43, 463
Automobile parts for replacement.....							52, 187	23, 622	30, 491	43, 111	40, 605	44, 607
Automotive pistons.....								11 460	446	333	289	289
Automotive piston rings.....								11 459	504	621	599	611
Automotive valves.....								11 93	105	119	84	420
Automotive differential and transmission gears.....								11 520	523	485	390	496
Automotive gears, n. e. s.....								11 413	456	629	519	720
Spark plugs..... thousands.....	5 5, 910	6, 025	5, 986	7, 612	5, 193	5, 758	5 1, 739	1, 446	1, 434	1, 705	1, 195	1, 333
Automobile and truck springs.....								434	493	740	617	863
Automotive axle shafts..... number.....				64, 987	53, 791	53, 326				190	135	142
Other parts, for replacement.....							51, 144	20, 087	26, 529	38, 288	36, 745	39, 731
Automobile accessories.....							8, 277	2, 705	4, 031	5, 292	4, 198	4, 593
Automobile horns, hand and electric..... number.....	10 125, 583	182, 523	298, 777	364, 012	280, 333	249, 345	10 325	268	356	430	354	326
Other accessories, n. e. s.....							8, 147	2, 487	3, 675	4, 862	3, 844	4, 267
Automobile engines.....												
For motor trucks and busses <sup>48</sup> ..... number.....	10, 750	4, 673	21, 890	32, 912	24, 871	28, 361	1, 141	597	2, 149	3, 290	2, 753	3, 428
For passenger cars <sup>48</sup> ..... do.....	88, 420	22, 043	48, 194	82, 807	38, 772	26, 075	9, 315	1, 534	3, 312	5, 591	3, 159	2, 400
Other engines <sup>49</sup> ..... do.....			2, 743	789	664	943		198	159	187	187	275
Automobile service appliances, n. e. s.....							6, 927	2, 538	4, 607	6, 497	5, 701	5, 598
Automobile tire-service equipment.....							8 858	218	409	286	286	317
Pumps for gasoline and oil..... number.....	8 97, 425	17, 424	17, 861	22, 406	16, 490	16, 138	8 1, 145	721	1, 307	1, 524	1, 051	1, 168
Other service appliances.....							8 2, 922	1, 599	2, 951	4, 565	4, 334	4, 113
Automotive fire engines <sup>49a</sup> ..... number.....	42	10	13				135	67	51			
Trailers..... do.....	1, 029	524	1, 264	1, 611	1, 340	1, 522	457	307	1, 066	1, 033	997	1, 043

<sup>8</sup> Average for years 1928-30.

<sup>10</sup> Average for years 1929 and 1930.

<sup>11</sup> Average for years 1932-35.

<sup>48</sup> Includes wheel tractors less wheels of any horsepower prior to 1936.

<sup>47</sup> Includes second-hand.

<sup>49</sup> For assembly on new vehicles with American trade names beginning 1936.

<sup>49a</sup> For replacement on vehicles with either American or foreign trade names or assembly on new vehicles with foreign names.

<sup>49b</sup> Distributed among the different classes of motor trucks, according to weight, beginning 1937.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 7.—MACHINERY AND VEHICLES—Continued</b>												
<b>Automobiles and other vehicles—Continued.</b>												
Aircraft, parts, and accessories.....							4, 907	10, 789	23, 143	39, 404	68, 228	117, 806
Landplanes (powered).....number.....			503	595	861	1, 212			10, 076	17, 691	37, 370	66, 238
Seaplanes and amphibians.....do.....	189	330	24	33	14	8	2, 643	5, 271	1, 526	3, 386	607	873
Glinters and lighter-than-air craft.....do.....				3	1	1						(9)
Engines for aircraft.....do.....	252	1, 429	933	1, 048	1, 309	1, 880	948	2, 264	5, 182	5, 946	7, 900	14, 120
Parachutes and parts.....									298	268	401	775
Aircraft engine parts and accessories.....												6, 854
Aircraft instruments and parts.....							1, 316	3, 254	6, 060	12, 105	21, 949	2, 338
Aircraft parts and accessories, n. c. s.....												26, 607
<b>Cycles:</b>												
Bicycles.....number.....	5, 024	1, 112	2, 322	3, 840	3, 037	6, 720	131	25	62	91	78	150
Motorcycles.....do.....	17, 520	3, 361	3, 952	3, 291	3, 374	3, 064	3, 963	781	1, 015	891	952	892
Parts and accessories, except tires:												
For bicycles.....										84	136	100
For motorcycles.....							1, 316	385	297	348	300	274
Merchant vessels.....number.....					35	21					2, 944	2, 687
Motorboats with engines installed.....do.....	404	205	390	459	405	258	766	393	714	1, 208	1, 067	1, 190
<b>Internal-combustion marine engines:</b>												
Detachable motors (outboard).....do.....	8, 149	3, 721	6, 564	10, 249	11, 201	9, 964	1, 143	301	426	628	679	620
Diesel and semi-Diesel.....do.....	885	177	199	228	314	251	1, 678	447	455	759	973	672
Other.....do.....	3, 015	986	1, 628	2, 481	2, 114	2, 756	1, 461	583	607	838	837	993
<b>Railway cars:</b>												
<b>Passenger service:</b>												
Electric railway or tram.....do.....	78	23	44	27	155	6	657	133	100	25	1, 222	189
Steam railway.....do.....	232	33	16	80	7	6	1, 558	271	113	210	33	8
<b>Railway motor cars:</b>												
For track inspection and maintenance work.....number.....	10 427	389	558	959	479	541	10 405	301	124	277	131	205
Passenger cars.....do.....			70	39	28	19			488	363	147	90
<b>Freight cars:</b>												
Not over 10-tons capacity.....do.....	3, 516	600	338	411	341	290	4, 247	877	99	184	148	136
Over 10-tons capacity.....do.....			544	1, 722	1, 011	768			626	2, 762	2, 152	863
Mine cars not over 10-tons capacity.....do.....	1, 474	233	398	829	542	1, 283	414	46	111	164	112	283
Air-brake equipment and parts.....							1, 030	318	616	750	466	779
Parts, except axles and wheels.....							4, 085	1, 076	2, 319	2, 966	2, 591	1, 816
Railway signals and attachments.....							838	304	270	286	185	251
Railway car-heating equipment and parts.....								11 52	192	153	105	87
Wagons and drays.....number.....	4, 971	629	1, 266	2, 065	949	2, 755	483	66	118	226	95	128
Wheelbarrows.....do.....	93, 158	19, 207	57, 152	56, 830	61, 393	62, 089	373	69	186	207	222	233
Pushcarts and hand trucks.....do.....	12, 406	3, 790	4, 904	6, 284	5, 565	6, 161	246	85	102	142	145	152

GROUP 8.—CHEMICALS AND RELATED PRODUCTS

Total								137,351	81,840	116,680	139,312	128,852	164,374
<b>Coal-tar products</b>													
Benzol.....	1,000 gals.	28,843	11,580	18,879	20,481	10,613	12,004	15,940	12,537	13,775	14,888	9,891	14,484
Crude and refined coal tar.....	do	<sup>10</sup> 5,390	18,468	11,042	7,150	7,098	7,620	7,049	2,055	2,828	2,825	1,802	1,787
Coal-tar pitch.....	tons of 2,240 lbs.	<sup>10</sup> 18,513	137,158	85,062	22,763	28,797	10,444	1,297	797	560	453	396	344
Creosote or dead oil.....	1,000 gals.		458	257	665	533	2,398		1,590	716	284	222	174
Other crude coal-tar products, n. e. s. <sup>49b</sup> .....	1,000 lbs.			31,804	24,325	23,533	40,340		75	54	112	91	337
Coal-tar intermediates.....	do		27,131	2,939	10,979	5,928	9,447	1,293	1,958	961	1,242	1,118	1,698
Rubber compounding agents of coal-tar origin <sup>50</sup> .....	do								539	1,569	1,097	1,097	1,765
Colors, dyes, stains, and color lakes.....	1,000 lbs.		2,061	1,643	2,445	1,752	2,761		868	620	921	735	1,191
Other finished coal-tar products.....	do	30,074	18,545	17,178	16,728	8,576	13,716	6,300	5,193	6,081	6,251	3,825	6,432
				10,523	6,737	2,734	3,346			1,416	1,228	604	756
<b>Medicinal and pharmaceutical preparations</b>													
Castor oil.....	gals.	<sup>10</sup> 80,783	49,684	81,765	79,196	71,457	168,464	<sup>10</sup> 20,081	11,592	14,394	17,980	17,080	23,317
White mineral oil.....	do	<sup>3</sup> 281,721	433,588	1,427,439	2,488,227	1,252,348	1,665,945	<sup>10</sup> 133	69	90	88	74	159
Vitamines and vitasterols.....								<sup>3</sup> 371	239	496	770	538	709
<b>Biologics (antitoxins, serums, vaccines, etc.)</b>								2,036	1,899	2,200	2,564	2,856	3,636
For animal and veterinary use.....									373	403	384	562	999
Serums and antitoxins for human use.....									706	813	995	1,089	1,175
Vaccines for human use.....									161	315	329	309	300
Glandular products, organotherapeutics, enzymes, ferments, and culture media.....									659	670	856	895	1,162
<b>Druggists nonproprietary preparations:</b>													
Elixirs, cordials, tinctures, extracts, and similar liquid solutions.....									987	1,605	1,948	1,739	2,082
Tablets, pills, capsules, powders, and similar manufactures.....									1,962	2,515	3,203	2,805	3,957
Medicinal and reagent chemicals (for prescription or laboratory use) <sup>50a</sup> .....								17,770			219	320	1,075
<b>Household pharmaceuticals in small packages:</b>													
Solids.....										356	241	242	203
Liquids.....											213	212	187
<b>Proprietary medicinal preparations</b>									6,080	7,034	8,733	8,357	9,291
Mouthwashes, gargles, and personal anti-septics.....													
Corn and foot remedies.....								<sup>3</sup> 167	412	369	467	469	490
Plasters.....								<sup>10</sup> 460	101	94	87	92	97
Liniments.....								<sup>10</sup> 625	332	352	432	460	574
Salves and ointments:									287	155	180	170	176
For burns, cuts, skin diseases, etc.....								1,993	261	422	467	439	483
For colds, coughs, catarrh, etc.....									886	797	975	873	998

<sup>3</sup> 1930 only. <sup>4</sup> Less than 500.

<sup>5</sup> Average for years 1923-30.

<sup>10</sup> Average for years 1929 and 1930.

<sup>49b</sup> Includes finished coal-tar products prior to 1936.

<sup>50</sup> Includes rubber compounding agents of other than coal-tar origin prior to 1936.

<sup>50a</sup> Included under "Other proprietary medicinal preparations" prior to 1937.



Pyroxylin scrap and film scrap.....1,000 lbs..			1,488	3,473	1,038	1,447		168	290	119	143		
Pyroxylin plastic film support (celluloid film base).....1,000 lbs..	3,255	4,471	3,171	3,689	3,418	3,602	1,974	2,597	2,797	3,265	2,855	3,275	
Pyroxylin sheets, rods, or tubes.....do.....		671	616	613	342	259		495	428	458	277	218	
Cellulose acetate sheets, rods, or tubes <sup>52</sup> .....do.....			651	887	692	2,213			482	711	674	2,133	
Nitro and aceto cellulose:													
Solutions, collodion, etc.....do.....	1,815	2,650	1,175	1,129	900	840	509	535	246	259	222	224	
Not in solution.....do.....			2,816	3,179	3,255	4,333			533	571	566	851	
Can cements.....do.....			559	661	440	674		515	121	174	99	160	
Other cementing preparations for repairing, sealing, and adhesive use.....1,000 lbs..		3,474	3,215	4,744	3,597	3,995			387	548	422	447	
Specialty cleaning and washing compound 1,000 lbs..		1,839	2,810	2,944	3,562	4,480		187	345	318	406	433	
Polishes:													
Metal and stove polishes.....do.....	2,033	785	930	905	713	679	305	113	137	128	105	107	
Shoe polishes and shoe cleaners.....do.....	3,016	1,251	1,601	2,016	1,819	2,057	876	313	355	416	392	446	
Leather dressings and stains.....do.....		2,514	1,961	2,116	1,713	2,054			354	316	351	372	
Floor wax, wood and furniture polishes.....do.....	4,275	868	913	1,062	1,070	1,259	888	180	163	195	198	207	
Automobile polishes.....do.....		832	1,116	1,193	1,477	1,374		195	226	236	294	261	
Tanning specialty compounds.....do.....			1,786	3,785	3,224	4,296		4,856	135	254	240	342	
Other chemical specialty compounds, n. e. s.								3,898	6,536	9,394	11,748	13,638	
<b>Industrial chemicals.....</b>								23,871	18,683	21,785	27,350	25,180	36,505
Acids and anhydrides:													
Organic (exclusive of coal-tar acids) <sup>53</sup> .....1,000 lbs..		1,262	3,523	1,884	1,720	5,531		154	413	305	261	760	
Inorganic:													
Boric (boracic).....do.....	3,797	6,009	9,257	15,844	11,191	18,573	165	256	498	735	514	867	
Hydrochloric (muriatic) <sup>53</sup> .....do.....		4,849	6,094	7,629	6,296	7,375		77	98	123	123	130	
Other inorganic acids and anhydrides <sup>53</sup> .....1,000 lbs..	21,322	9,202	13,073	16,828	11,515	18,464	968	364	432	554	504	676	
Alcohols:													
Methanol.....1,000 gals..	540	773	668	876	196	1,220	367	341	283	316	80	473	
Butanol (butyl alcohol) <sup>54</sup> .....1,000 lbs..		2,550	3,124	3,346	4,286	7,619		244	298	288	360	593	
Glycerin.....do.....	1,099	1,146	1,375	3,746	7,399	367	179	183	338	427	959		
Other alcohols <sup>54</sup> .....do.....	2,811	3,231	8,723	12,233	16,518	21,295	367	337	977	1,441	1,537	2,068	
Acetone.....do.....	5,500	3,635	5,636	9,514	11,212	23,115	492	295	456	616	635	1,562	
Formaldehyde (formalin).....do.....	2,670	2,495	1,844	2,865	1,765	3,926	221	129	89	119	77	177	
Carbon bisulphide.....do.....		3,357	4,998	5,882	3,936	5,503		164	226	261	184	261	
Butyl.....do.....			2,890	3,941	4,144	6,828			274	399	403	562	
Synthetic collecting reagents for concentration of ores, metals, or minerals.....1,000 lbs..	1955	17,144	15,246	6,990	8,485	11,583	181	2,169	2,250	1,165	1,431	1,905	
Other organic chemicals.....do.....			16,596	17,062	23,125				2,155	2,395	3,131		

<sup>3</sup> 1930 only.

<sup>8</sup> Average for years 1928-30.

<sup>10</sup> Average for years 1929 and 1930.

<sup>12</sup> Average for years 1927-30.

<sup>52b</sup> Included under "Other fruit preparations" in Group 1, p. 528, prior to 1938.

<sup>53</sup> Included with "Synthetic resin products" in Group 9, p. 574, prior to 1936.

<sup>54</sup> Included under "Other industrial chemicals" prior to 1936.

<sup>53</sup> "Organic (exclusive of coal-tar acids)" and "Hydrochloric (muriatic)" included in "Other inorganic acids and anhydrides" prior to 1931.

<sup>54</sup> Butanol (butyl alcohol) included in "Other alcohols" prior to 1931.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 8.—CHEMICALS, ETC.—Continued</b>												
<b>Industrial chemicals—Continued.</b>												
Aluminum sulphate.....1,000 lbs..	47,086	56,584	57,576	63,615	55,471	69,467	549	571	578	679	579	745
Other aluminum compounds.....do	\$ 1,135	1,123	2,966	5,217	3,500	3,584	\$ 115	104	250	426	257	206
Calcium carbide.....do	4,297	2,967	4,164	4,831	3,982	3,328	184	115	148	157	124	260
Calcium chloride.....do	<sup>10</sup> 36,775	47,704	55,662	43,463	48,236	38,765	<sup>10</sup> 439	470	504	415	397	318
Potassium compounds (not fertilizer).....do	3,616	3,633	4,665	4,189	5,233	7,158	500	404	487	484	486	808
Sodium compounds, n. e. s.....do	500,694	473,077	514,938	703,219	519,941	705,583	10,548	8,675	9,367	12,011	10,426	14,778
Bichromate and chromate.....do	7,383	7,188	6,553	6,321	4,839	10,855	476	412	397	402	312	761
Cyanide.....do	1,552	802	750	889	1,136	2,339	243	114	117	123	149	295
Borate (borax).....do	112,770	192,939	204,042	308,104	155,038	182,278	2,625	2,937	3,120	4,716	2,642	3,230
Silicate (water glass).....do	57,977	37,975	13,282	15,594	12,099	16,039	532	332	202	241	204	253
Carbonate (soda ash, sal soda).....do	68,348	63,367	90,047	111,571	102,033	160,113	1,269	894	1,095	1,279	1,327	2,080
Bicarbonate (acid soda or baking soda).....do	19,020	15,268	16,529	19,271	20,963	31,113	357	262	275	307	332	505
Hydroxide (caustic soda).....do	114,211	126,855	156,710	203,975	200,003	261,000	3,363	2,885	3,128	3,634	4,105	5,535
Sodium phosphate.....do		7,377	6,922	5,869	7,685	8,906		197	213			315
Other sodium compounds, n. e. s.....do	119,432	21,306	20,102	31,625	16,196	32,920	1,683	641	820	1,091	1,040	1,734
Tin compounds.....do	\$ 604	334	345	218	172	204	\$ 182	73	97	70	46	56
Gases, compressed and liquified:												
Ammonia, anhydrous.....do	\$ 2,170	1,383	1,740	2,195	2,710	4,814	\$ 343	177	255	251	294	587
Other gaseous refrigerants.....do			1,046	1,916	1,889	3,025			267	424	447	675
Chlorine.....do	\$ 6,731	10,336	7,532	8,589	9,486	12,001	\$ 249	249	244	347	256	257
Other gases, n. e. s. <sup>11a</sup> .....do							\$ 397	458	292	349	287	330
Other industrial chemicals.....do							8,537	2,858	2,818	2,920	2,600	3,361
Pigments, paints, and varnishes.....do							22,605	13,567	17,789	21,555	18,655	22,762
Mineral earth pigments:												
Ocher, umber, sienna, and other forms of iron oxide for paints.....1,000 lbs.	39,014	15,768	29,259	13,478	11,396	10,910	923	228	334	376	303	299
Other mineral earth pigments (whiting, barytes, etc.).....1,000 lbs.												
Chemical pigments:												
Zinc oxide.....do	28,938	3,764	2,660	5,906	2,325	6,970	1,868	280	190	378	186	533
Lithopone.....do	6,239	5,197	5,076	5,342	3,468	9,691	321	228	230	232	154	393
Lampblack <sup>12a</sup> .....do	3,434	1,654	1,479	1,702	1,134	958	204	99	100	124	83	82
Carbon black or gas black.....do	69,527	122,375	154,718	184,253	167,968	203,828	5,815	5,456	7,251	8,700	7,580	8,889
Red lead and litharge <sup>12</sup> .....do	4,522	4,371	4,392	4,772	5,001	6,803	381	244	280	379	319	440
White lead.....do	12,487	4,654	3,723	2,473	2,822	4,047	973	267	266	207	191	275
Other chemical pigments.....do	5,668	6,167	7,823	9,789	9,516	18,586	787	868	1,287	1,515	1,340	2,191
Bituminous paints, liquid and plastic.....do							612	382	266	331	264	384
Paste and semi paste paint colors in oil, putty, and paste wood filler.....1,000 lbs.	<sup>10</sup> 1,721	2,130	2,229	2,744	2,509	3,268		307	339	407	383	523
Ready-mixed paints, stains, and enamels.....1,000 gals.		1,567	2,153	2,693	2,386	2,607	7,961	2,909	3,847	4,735	4,240	4,707

Kalsomine or cold-water paints, dry.....1,000 lbs..	10 8, 104	5, 366	7, 834	8, 653	7, 584	9, 225	19 437	271	406	459	412	491
Nitrocellulose (pyroxylin) lacquers:												
Pigmented.....1,000 gals..		349	533	763	600	601		875	1, 302	1, 636	1, 417	1, 365
Clear.....do.....	25a 1, 265	84	117	201	205	247		173	239	447	421	481
Thinners for nitrocellulose lacquers.....do.....		395	800	952	698	796	55a 2, 585	362	625	719	522	554
Varnishes (oil or spirit, and liquid dryers).....do.....		354	448	486	386	447		455	592	654	554	637
Fertilizers and fertilizer materials.....tons of 2,240 lbs..	1, 335, 703	1, 181, 687	1, 647, 923	1, 520, 950	1, 568, 084	1, 390, 240	17, 917	1, 454	17, 784	16, 954	16, 456	16, 991
Nitrogenous fertilizer materials:												
Ammonium sulphate.....do.....	127, 851	39, 991	105, 782	73, 916	30, 716	46, 664	6, 046	1, 149	2, 682	2, 014	763	1, 466
Other nitrogenous chemical materials.....do.....		123, 743	124, 840	123, 008	158, 621	106, 749		3, 184	2, 967	2, 919	3, 973	3, 012
Nitrogenous organic waste materials.....do.....	15, 254	10, 983	14, 337	18, 105	19, 153	12, 542		224	276	470	429	270
Phosphate materials:												
Phosphate rock:												
High-grade hard rock.....do.....	91, 103	88, 269	163, 946	120, 478	181, 920	132, 983		724	561	1, 157	796	1, 160
Land pebble and other.....do.....	895, 778	809, 988	1, 045, 005	932, 324	958, 921	816, 023	4, 203	3, 718	5, 620	5, 023	5, 478	4, 392
Superphosphate.....do.....	91, 470	50, 991	68, 368	78, 949	90, 237	95, 224	1, 429	535	688	841	945	1, 010
Other phosphate materials.....do.....		3, 745	3, 489	55, 665	32, 581	29, 080		153	165	467	209	192
Potassic fertilizer materials.....do.....	10 14, 542	29, 741	91, 992	91, 992	75, 122	122, 098	10 613	1, 030	3, 050	3, 279	2, 600	4, 447
Nitrogenous phosphatic (concentrated chemical fertilizers).....tons of 2,240 lbs..	80, 922	20, 579	25, 524	22, 762	16, 025	22, 676	3, 347	769	1, 029	1, 001	746	1, 124
Prepared fertilizer mixtures.....do.....	27, 508	3, 657	4, 640	3, 751	4, 788	6, 201	1, 167	130	149	145	154	238
Explosives, fuses, etc.....							4, 072	1, 826	2, 618	3, 863	3, 686	4, 989
Explosives:												
Smokeless powder.....1,000 lbs..	854	177	116	153	88	379	704	118	77	101	70	247
Dynamite.....do.....	13, 840	6, 677	12, 253	14, 431	15, 614	22, 204	1, 964	868	1, 568	1, 982	2, 136	2, 857
Other explosives.....do.....	3, 214	1, 042	1, 341	3, 517	2, 796	3, 051	460	222	165	719	415	564
Fuses and blasting caps:												
Safety fuses.....1,000 lin. ft..	92, 765	74, 265	58, 678	70, 470	74, 487	94, 004	575	384	386	484	436	590
Blasting caps.....1,000 caps..	34, 508	13, 760	26, 166	29, 366	28, 304	35, 204	368	234	422	577	560	740
Soap and toilet preparations.....							15, 998	7, 306	8, 075	9, 198	8, 984	10, 271
Soap:												
Medicated.....1,000 lbs..	3 563	321	299	650	362	364	3 358	189	148	258	187	-197
Toilet and fancy.....do.....	7, 286	5, 855	8, 914	9, 195	10, 248	13, 041	2, 272	875	1, 211	1, 332	1, 385	1, 675
Laundry.....do.....	49, 965	18, 263	11, 559	15, 635	8, 895	12, 723	3, 420	974	604	811	471	654
Powdered or flaked.....do.....	10 2, 296	1, 094	1, 251	1, 342	1, 403	2, 511	10 216	91	107	122	125	214
Shaving creams.....do.....		422	409	424	397	351		152	156	155	153	154
Shaving cakes, powders, and sticks.....do.....	10 1, 127	348	248	240	157	265	10 508	110	98	95	73	85
Scouring bricks, pastes, powders, soaps, and household washing powders.....1,000 lbs..	7, 744	4, 745	4, 409	4, 399	4, 024	4, 680	502	333	320	337	296	343
Other.....do.....	8, 174	1, 214	788	807	1, 027	1, 191	842	106	86	92	106	126
Dental creams.....do.....	3, 119	1, 637	2, 024	2, 168	2, 293	2, 459	2, 771	1, 376	1, 580	1, 683	1, 842	1, 964
Other dentifrices.....do.....	612	317	307	261	280	243	338	144	147	147	181	136
Toilet powders:												
Talcum powders in packages.....							1, 594	477	500	600	620	710
Face and compact powder.....								287	303	366	358	405

\* 1930 only.

<sup>a</sup> Liquefied petroleum gases included prior to 1936, under "Petroleum and products," thereafter; see Group 5, p. 544.

<sup>b</sup> Includes bone black prior to 1939.

<sup>c</sup> "Red lead" prior to Jan. 1, 1927, and "red lead, litharge, and orange mineral," Jan. 1, 1929, to Dec. 31, 1931;

<sup>d</sup> Pigmented, clear, and varnishes only.

<sup>e</sup> Average for years 1929 and 1930.



GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 8.—CHEMICALS, ETC.—Continued</b>												
<b>Soap and toilet preparations—Continued.</b>												
Creams, rouges, and other cosmetics:												
Cold creams.....1,000 lbs.....		628	501	557	421	500	2,078	277	263	267	189	201
Vanishing creams.....do.....		363	251	281	308	369		154	105	120	146	159
Other creams, lotions, and balms.....								279	307	399	384	352
Rouges.....								113	154	189	168	190
Lipsticks.....								298	545	585	558	655
Other cosmetics.....								141	174	168	181	
Manicuring preparations.....								250	299	324	370	470
Depilatories and deodorants.....								129	87	72	81	115
Hair preparations.....								359	488	592	587	665
Perfumery and toilet waters.....								371	121	179	166	188
Other toilet preparations.....							1,450	211	271	301	349	461
<b>GROUP 9.—MISCELLANEOUS</b>												
Total.....							141,983	69,362	93,825	110,319	106,640	106,386
<b>Photographic and projection goods</b>												
Cameras.....thousands.....	502	406	741	542	441	386	24,350	15,615	20,856	22,514	19,867	19,064
Motion-picture:							2,338	1,167	2,179	2,311	1,712	1,933
Standard gauge, 35 mm.....do.....		1	1	(°)	(°)	(°)		161	120	166	108	65
Less than 35 mm.....do.....		2	31	39	23	17		50	845	1,062	667	454
Other than motion-picture:												
Aerial, studio, etc., for professional, scientific or commercial uses.....thousands.....		404	1	1	9	1		956	255	331	353	652
Box type.....do.....			500	350	340	270		367	253	304	245	
Other.....do.....			208	152	69	98		593	500	279	518	
Parts of cameras, except lenses.....							591	176	226	344	355	265
<b>Motion-picture projectors:</b>												
Standard gauge.....number.....			1,454	1,624	1,070	1,120		383	449	383	367	
Substandard gauge:		3,807	2,840	7,383	21,327	25,886	731	391	304	663	755	414
Silent.....do.....												245
Sound.....do.....												
Motion-picture sound equipment:												
Recording.....							7,736	1,823	2,105	536	283	217
Reproducing.....										1,745	1,340	936
Stereopticons, magic lanterns, and other projection apparatus.....							2,088	249	542	802	742	730
<b>Motion-picture films:</b>												
Sensitized, not exposed:												
Less than 1 inch in width:												
Positive film.....1,000 lin. ft.....			42,457	21,792	14,667	11,200			647	324	155	109
Negative film.....do.....			44,352	44,171	36,730	36,730			940	1,065	891	
Positive film 1 inch or more in width.....do.....	65,253	122,641	162,463	133,403	133,144	110,135	1,507	2,410	1,730	1,352	1,245	942
Negative film 1 inch or more in width.....do.....			78,399	61,066	40,957	48,835			1,982	1,577	1,085	1,262

Exposed.....do.....	246,284	183,815	213,926	220,686	208,041	204,807	7,435	4,419	4,655	4,915	4,650	4,526
Negative newsreels <sup>56</sup> .....do.....			438	466	476	557			22	17	17	19
Other negative films <sup>56</sup> .....do.....		8,912	13,475	12,048	12,689	10,523	9,991	1,293	806	454	471	396
Positive newsreels <sup>56</sup> .....do.....			3,837	4,375	5,023	6,044			101	96	113	125
Other positive films <sup>56</sup> .....do.....		237,372	170,341	197,603	203,156	192,020	188,215	6,143	3,614	4,078	4,331	4,124
Other sensitized films, not exposed:												
Cartridge or rolls.....thousands..			18,422	17,042	11,407	11,711			2,797	2,916	2,200	2,281
Packs of sheets:												
X-ray.....thousands of sheets..	21,268	12,922	5,637	6,926	9,903	10,688	4,272	3,045	786	791	695	1,014
Other.....do.....				3,328	12,453	10,144			163	163	767	550
Dry plates.....1,000 doz.....	843	520	264	291	206	215	463	256	129	159	106	122
Photographic paper.....1,000 lbs..	1,965	1,474	1,638	1,628	1,589	1,190	1,789	1,197	1,127	1,127	947	899
Other photographic apparatus and supplies (including unsensitized picture films).....							1,588	681	1,263	1,402	1,382	1,340
<b>Scientific and professional instruments, apparatus, and supplies.....</b>							11,476	6,416	10,096	12,265	11,875	12,726
Optical goods:												
Ophthalmic lenses.....1,000 doz. prs..			29	52	49	47	1,044	775	78	174	153	140
Spectacles, eyeglasses, goggles, lenses, n. e. s., and frames.....									1,117	1,270	1,241	1,625
Lenses, not fitted to instruments.....thousands..	2,762	141	268	888	264	425	427	30	97	163	147	118
Other optical goods.....							1,232	249	316	364	280	355
Dental instruments.....									54	44	41	49
Dental gold and precious metal alloys for dental purposes.....							2,283	1,322				
Other dental equipment and supplies <sup>57</sup> .....									2,055	535	544	519
Teeth.....thousands.....	28,339	25,327	49,166	40,810	37,442	42,775	1,328	1,076	1,810	1,808	1,658	1,983
Sterilizers.....number.....	3,411	1,606	2,011	2,708	2,468	5,235	238	157	1,666	1,372	1,541	1,641
Surgical and medical instruments.....							494	214	170	261	294	386
Surgical appliances, artificial limbs, crutches, trusses, etc.....							459	413	414	497	485	622
Surveying and engineering instruments.....							405	101	616	784	1,005	1,147
Other scientific, laboratory, and professional instruments and apparatus.....							3,696	2,082	284	325	392	383
<b>Musical instruments.....</b>							15,941	1,740	3,085	4,364	4,324	3,859
Pianos.....number.....	11,985	885	1,662	1,987	2,109	1,736	3,251	1,849	2,591	2,591	2,815	2,151
Organs.....do.....	1,379	292	566	957	661	604	141	232	265	266	267	257
Phonographs.....do.....	173,636	15,093	4,501	8,910	12,245	14,161	327	87	182	380	351	207
Phonograph records.....thousands..	8,361	1,694					5,318	288	137	281	582	275
Band instruments.....number.....	15,140	5,603					3,245	360	322	419	440	522
String instruments.....do.....	57,838	24,401	42,249	45,848	42,240	33,219	606	196	357	358	279	254
Other musical instruments, parts, and accessories.....							305	123	234	245	220	159
							2,889	546	405	613	676	478

<sup>3</sup> 1930 only.

<sup>6</sup> Less than 500.

<sup>56</sup> Newsreels included under negative and positive films prior to 1936.

<sup>57</sup> Except medicinal.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 9.—MISCELLANEOUS—Continued</b>												
Miscellaneous office supplies.....							9,335	3,910	5,872	6,813	5,888	6,850
Pencils and pens:												
Mechanical pencils <sup>68</sup> .....1,000 doz.....			121	205	160	183	800	270	302	433	374	419
Pencil leads and pencil parts.....									138	169	147	192
Other pencils.....1,000 gross.....	514	240	262	288	282	359			458	522	468	565
Crayons.....do.....			158	229	278	242		128	179	170	188	
Fountain and stylographic pens: <sup>69</sup>												
Of plastic materials.....1,000 doz.....				136	142	221	1,614	511	1,364	1,399	1,288	1,408
Of other materials.....do.....	117	42	97	29	41					164	144	135
Parts.....										187	117	117
Metallic pen points, except gold <sup>61</sup> .....1,000 gross.....	363	143	141	150	124	139			292	194	86	41
Other penholders and parts.....									307	222	312	
Writing ink.....							233	140	242	807	812	
Printing and lithographic ink.....1,000 lbs.....	10,986	5,459	6,572	6,784	6,712	7,958	1,420	802	974	1,038	967	1,204
Other ink.....do.....	642	236						259	125	113	127	104
Paste and mucilage.....do.....	3,236	912	841	728	647	837	340	91	85	101	91	110
Carbon paper.....do.....	1,273	674	765	816	672	707	931	440	476	544	406	513
Typewriter ribbons.....dozens.....	228,439	150,699	149,599	145,523	126,161	157,643	667	352	340	364	320	399
Other office supplies.....							1,707	782	766	1,075	901	1,043
<b>Toys, athletic, and sporting goods</b>							5,137	2,488	3,911	4,881	5,232	5,421
Toys:												
Dolls and parts, except rubber.....							197	118	245	194	207	244
Children's wheel goods and parts.....							709	144	267	375	314	338
Mechanical toys.....							203	146	502	522	469	525
Other toys and parts, except rubber.....							1,485	851	1,835	1,668	1,814	2,082
Athletic and sporting goods:												
Fishing rods, reels, hooks, bait, and tackle.....							379	306	471	686	796	717
Golf, tennis, foot, basket, and base balls.....							260	101	125	130	175	202
Other athletic and sporting goods, except shoes, clothing, and firearms.....							1,200	528	589	907	1,106	991
Billiard tables and accessories.....							367	94	129	159	134	141
Amusement-park and playground devices.....							479	201	249	238	218	181
<b>Firearms and ammunition</b>							5,508	2,757	4,636	5,676	8,006	5,024
Firearms and ordnance:												
Revolvers and pistols.....number.....	54,678	13,182	23,995	45,225	58,869	16,857	931	249	462	864	1,242	324
Rifles.....do.....	49,095	25,629	125,936	57,056	57,709	47,135	641	217	1,269	593	547	373
Shotguns.....do.....	54,556	11,976	24,883	45,298	37,096	43,239	471	109	223	384	333	359
Machine and heavy ordnance guns and carriages.....number.....	688	658	938	1,718	2,814	1,054	235	467	615	943	1,738	1,083
Ammunition:												
Shot shells.....thousands.....		14,193	26,133	19,534	13,965	14,215	814	312	413	446	319	324
Metallic cartridges.....do.....		122,095	164,281	187,422	154,245	132,017	2,004	856	998	1,607	1,202	740

Explosive shells and projectiles.....1,000 lbs.	136	189	323	32	4,952	1,065	72	123	231	32	2,254	910
Other, including fireworks			426				341	423	426	807	371	913
<b>Books, maps, pictures, and other printed matter</b>							24,295	14,142	19,980	22,834	23,000	22,241
Books and pamphlets							12,202	4,206	4,895	6,296	6,257	5,729
Bound educational textbooks								1,410	1,384	2,264	2,006	1,808
Other bound books								2,095	2,710	2,979	3,214	2,905
Unbound books in sheets								224	204	271	324	300
Catalogs and pamphlets								476	597	782	713	718
Geographic maps and charts							271	50	86	105	114	85
Music in books and sheets							335	175	227	207	210	201
Playing cards.....1,000 packs	6,096	2,681	2,888	3,222	2,624	3,347	683	272	278	310	283	311
Lithographically printed matter except maps							3,191	1,598	1,786	2,044	1,834	1,786
Calendars, printed or unprinted, and advertising novelties												234
Other printed matter, including photographs and blue prints							7,614	7,840	12,658	13,871	14,302	13,895
<b>Clocks and watches</b>							3,251	1,050	2,335	3,134	2,566	2,704
Clocks, electric.....number		11 42,866	114,159	196,538	138,866	98,538		11 110	300	437	284	221
Clocks, except electric:												
One-day alarm clocks.....thousands	513	162	388	497	527	579	636	191	401	525	530	602
Mantel, novelty, and wall clocks.....do	83	15	35	47	40	39	373	56	68	88	69	71
Other clocks and parts							353	165	239	254	228	291
Watches.....thousands	653	177	492	594	438	393	394	134	573	733	508	590
Without jewels.....do	605	174	469	556	422	368	460	99	323	396	299	301
With jewels.....do	48	3	23	38	16	25	433	36	250	417	209	289
Parts of watches							618	125	451	512	453	472
Time-recording devices and parts							12 473	290	304	536	434	457
<b>Art works—Painting and statuary</b>							1,927	1,101	1,124	1,210	1,022	1,287
<b>Jewelry</b>							1,264	647	2,225	2,737	2,601	3,091
Jewelry and other articles to be worn on or carried about the person:								19	54	76	80	57
Of solid gold or platinum												
Of other metals:												
Men's jewelry							1,264		1,757	588	410	426
Women's jewelry								628		842	949	1,251
Other articles										752	804	768
Of other materials										315	206	354
Jewelry findings, parts, and materials										98	161	235
<b>Miscellaneous, n. e. s.</b>							39,498	19,294	20,992	25,671	23,826	25,827
Bottle and container closures (all kinds, except cork, glass, and rubber stoppers).....1,000 gross	3,444	2,346	4,005	4,890	5,902	6,745	716	609	955	1,255	1,340	1,626
Composition roofing:												
Asphalt roofing.....1,000 squares	820	422	609	812	601	693	1,081	391	565	725	508	610
Asbestos roofing.....do	78	40	41	37	83	55	501	100	142	166	226	285
Other roofing.....do	109	23	33	41	47	50	219	33	40	49	47	52
Buttons, including parts, backs, blanks, or molds 1,000 gross	1,711	869	1,400	1,716	1,459	2,680	440	213	453	566	470	650

<sup>11</sup> Average for years 1932-35.

<sup>12</sup> Average for years 1927-30.

<sup>13</sup> Refillable pencils and pencil leads prior to 1936.

<sup>14</sup> Parcel-post exports are excluded July 1, 1933, to Dec. 31, 1935. In 1935 exports exclusive of parcel post are included in "other office supplies."

<sup>15</sup> Average for years 1931-34.

<sup>16</sup> Includes gold in 1936.

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 9.—MISCELLANEOUS—Continued</b>												
<b>Miscellaneous, n. e. s.—Continued.</b>												
Lamps and illuminating devices except electric:												
Incandescent mantles.....1,000 doz.....	243	131	92	122	85	100	191	105	70	90	64	74
Lanterns, wick.....thousands.....		1,104	785	801	589	1,319	1,759	373	286	351	259	511
Gasoline pressure lamps, lanterns, and parts.....								91	141	150	78	112
Other lamps except electric.....thousands.....		173	247	368	203	239		147	235	347	224	262
Other lighting devices, except glass.....thousands.....								220	222	237	248	224
Matches.....1,000 lbs.....	1,000	306					409	46	32	59	43	44
Fire-fighting equipment, except automotive fire engines.....number.....	35,239						125					
Synthetic resin products <sup>42</sup> .....1,000 lbs.....			498	713	830	1,162	341	289	439	583	605	732
Manufactures of cellulose compounds, n. e. s. <sup>43</sup> .....							174	260	271	432	494	700
Brushes:							1,266	241	620	478	518	456
Tooth brushes.....doz.....	<sup>3</sup> 192,891	150,919	252,783	274,715	294,949	362,019	<sup>3</sup> 522	333	478	518	515	568
Toilet brushes.....do.....	239,374	20,304	46,634	53,423	44,387	45,164	615	57	115	191	203	184
Paint brushes.....do.....	63,702	28,761	42,468	64,698	48,978	61,056	192	75	116	178	166	173
Other brushes.....do.....	182,596	201,506	278,543	374,286	415,292	415,556	295	120	175	265	217	238
Combs (except wholly of metal or rubber).....thousands.....			400	1,264	2,188	7,208			19	56	82	175
Pipes and smokers' articles.....									173	236	297	340
Plates and cuts, electrotype, stereotype, halftone, lithographic, or engraved.....1,000 lbs.....	391	317	293	300	283	208	458	347	386	423	437	400
Umbrellas and parasols.....thousands.....	84	16	36	64	102	87	149	28	51	84	111	95
Candles.....1,000 lbs.....	1,067	373	332	414	395	604	240	72	60	75	66	108
Notions.....							1,965	852	1,248	1,442	1,660	2,180
Refrigerators, except electric.....number.....	15,795	4,378	13,062	13,092	12,027	12,148	765	186	732	1,002	892	852
Soda-fountain equipment.....							486	183	399	343	296	208
Shoe findings.....							1,487	531	512	553	485	553
Trunks.....number.....	29,562	7,195	12,373	16,427	13,888	11,567	552	94	121	154	126	100
Coin-operated phonographs <sup>43a</sup> .....do.....						3,589						641
Coin-operated commodity-vending machines.....number.....	<sup>10</sup> 8,814	6,335	8,899	17,951	5,684	2,305	<sup>10</sup> 398	279	399	895	215	66
Other coin-operated machines except musical.....number.....	<sup>10</sup> 7,042	22,554	28,860	36,822	32,013	16,387	<sup>10</sup> 539	688	931	1,617	1,240	668
Household and personal effects.....							14,822	9,538	7,234	7,790	7,283	7,124
All other articles.....							9,912	2,791	3,373	4,377	4,411	4,825

<sup>3</sup> 1930 only.

<sup>42</sup> Includes powder, flake, and liquid prior to 1936; these are included under chemical specialties for later years.

<sup>43</sup> Includes scrap, film base, sheets, rods, and tubes, prior to 1936; these are included under chemical specialties for later years.

<sup>43a</sup> Included in "phonographs" prior to 1939.

Source: See general note, p. 483.

NOTE.—See general note, p. 433. Figures represent "general imports" for the period 1926 to 1932, inclusive, and "imports for consumption" beginning 1933. Figures for 1926-30 and 1931-35 are annual averages. For a number of items data are not shown separately for all years from 1926 to 1930 and 1931 to 1935, and for this reason many averages for 2, 3, and 4 years are shown in the table. However, averages shown for group totals always cover 5 years. In some cases the detail does not add to the total because of the different periods covered by the averages. Blanks indicate no data or data not shown separately. Relatively small items, "Articles, ordinarily dutiable, imported free for supplies of American vessels or for the United States Government, etc.," are included in the proper commodity classification for 1933 to 1939. For 1930 through 1932, those articles were included in the proper group totals but not shown separately except in group 9, while prior to 1930 the total of those articles was included in group 9

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>Total imports of merchandise</b> .....	-----						4,083,469	1,704,266	2,423,977	3,009,852	1,949,624	2,276,099
<b>GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE</b>	-----											
<b>Total</b> .....	-----						195,094	54,734	89,037	114,494	82,055	95,424
<b>A. Animals, edible</b> .....	-----											
Cattle.....1,000 head.....	378	134	399	495	424	754	15,372	2,708	12,398	18,694	9,388	20,389
Sheep and goats.....head.....	25,264	2,460	6,837	9,997	6,022	8,057	13,523	2,607	10,708	16,312	9,116	20,207
Poultry, live.....							200	14	41	65	39	47
Hogs.....1,000 lbs.....	11,614	722	17,446	16,555	57	86	331	21	194	788	229	129
							1,320	65	1,454	1,529	5	5
<b>B. Meat products</b> .....do.....	144,732	66,614	152,498	191,917	148,149	150,794	33,358	12,247	25,615	39,838	29,754	27,312
Beef, fresh.....do.....	29,310	2,294	3,977	4,666	1,634	2,354	3,347	203	308	460	156	221
Veal, fresh.....do.....	5,369	139	104	209	102	176	851	11	9	17	11	13
Pork, fresh.....do.....	7,342	1,411	12,945	20,877	4,287	2,274	1,439	139	1,791	3,158	671	423
Mutton, fresh.....do.....		23		9	(1)	105	63	1	(1)	1	(1)	4
Lamb, fresh.....do.....	2,082	41	27	126	11	19	368	4	4	18	2	2
Other fresh meats.....do.....	3,928	671	756	863	936	1,579	546	76	109	151	180	269
Poultry, dead.....do.....	4,514	1,466	860	703	525	195	1,309	283	150	129	96	40
Poultry, prepared.....do.....	509	398	372	770	502	734	325	197	194	336	233	318
Canned beef <sup>1a</sup> .....do.....	51,206	41,213	87,804	83,097	78,597	85,870	6,438	3,036	8,334	9,172	8,400	8,373
Beef and veal, pickled or cured.....do.....		1,053	2,181	1,753	1,560	2,165		79	172	149	119	154
Pork, hams, shoulders, and bacon.....do.....	19,764	2,588	26,038	47,422	44,246	36,324	3,534	632	7,041	12,990	11,730	9,370
Pork, pickled, salted, and other.....do.....		992	2,310	6,332	3,748	2,369		303	734	1,681	982	682
Other meats, prepared or preserved <sup>1a</sup> .....do.....		237	156	303	218	175		41	46	60	58	49
Sausage casings—												
Sheep, lamb, and goat.....do.....	19,952	6,148	5,507	8,312	6,028	6,238	15,061	5,979	5,086	9,584	6,525	6,201
Other casings.....do.....		7,969	8,908	11,374	5,757	10,218		1,164	1,577	1,930	594	792
<b>C. Animal oils and fats, edible</b> .....do.....	2,049	4,855	22,103	19,017	4,896	3,855	180	309	1,316	1,242	337	262

<sup>1</sup> Less than 500. <sup>1a</sup> Canned meats n. s. p. f. included with "Canned beef" through 1933; in "Other meats, prepared or preserved," beginning 1934. <sup>2</sup> Average for years 1928-30.

["General imports," 1928 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
GROUP 00.—ANIMALS, ETC., EDIBLE—Continued												
<b>D. Dairy products</b>												
Cream.....1,000 gals.....	3, 679	45	44	137	5	1	31, 700	13, 167	16, 103	15, 798	12, 067	13, 257
Milk.....do.....	4, 744	162	67	30	6	22	5, 874	70	66	205	8	2
Milk, condensed and evaporated.....1,000 lbs.....	2, 228	853	2, 245	1, 554	739	223	832	27	15	5	1	4
Dried and malted milk.....do.....	5, 777	922	24, 534	2, 924	81	2, 465	193	47	98	70	69	13
Butter.....do.....	5, 279	5, 545	59, 849	11, 111	1, 624	1, 107	1, 834	923	2, 016	2, 509	425	269
Cheese.....do.....	76, 862	52, 715	69, 849	60, 650	54, 432	59, 071	22, 162	11, 985	12, 717	12, 809	11, 542	12, 844
Emmenthaler or Swiss.....do.....		10, 237	8, 029	13, 147	13, 317	14, 141		2, 606	2, 238	3, 208	3, 140	3, 540
All other.....do.....		42, 478	51, 820	47, 503	41, 114	44, 930		9, 379	10, 479	9, 600	8, 402	9, 304
<b>E. Fish</b>												
Fish, fresh or frozen—.....do.....	347, 142	288, 008	371, 206	364, 668	302, 624	346, 240	36, 711	24, 442	30, 356	33, 911	28, 349	32, 404
Salmon.....do.....	5, 603	5, 182	10, 506	6, 616	5, 632	6, 548	689	468	820	592	605	657
Fresh-water fish and eels.....do.....	52, 594	43, 002	50, 342	56, 408	49, 774	50, 790	5, 095	3, 252	4, 459	4, 938	4, 478	4, 209
Cod, haddock, hake, pollock, and cusk.....do.....	863	1, 326	3, 440	1, 661	1, 522	1, 462	46	60	151	77	61	57
Halibut.....do.....	4, 705	3, 024	5, 074	4, 958	5, 922	5, 499	577	282	458	497	631	586
Mackerel.....do.....	2, 019	656	451	1, 881	1, 149	1, 210	126	32	21	99	68	66
Swordfish and sturgeon.....do.....	2, 748	4, 946	7, 135	7, 464	5, 380	4, 039	514	600	855	884	709	643
Other fresh fish, n. e. s.....do.....	10, 120	2, 727	5, 072	8, 075	6, 257	5, 245	1, 056	136	186	378	233	240
Smelts.....do.....	7, 444	6, 626	8, 612	6, 296	7, 075	6, 858	1, 040	738	848	595	672	668
Tuna fish.....do.....	36, 554	6, 242	5, 455	14, 411	13, 694	14, 595	1, 890	584	305	367	803	749
Sea herring.....do.....	36, 436	26, 800	49, 887	26, 787	13, 800	32, 590	269	193	388	327	198	338
Fish, filleted, skinned, boned, etc.....do.....	3, 452	3, 068	9, 255	10, 870	9, 455	15, 649	405	334	394	1, 073	915	1, 489
Fish, dried, unsalted.....do.....	36, 176	3, 600	3, 362	3, 499	2, 809	3, 003	3, 124	376	372	424	367	386
Fish, in oil, etc.—.....do.....												
Sardines.....do.....	27, 633	31, 678	35, 787	28, 727	21, 854	31, 657	4, 908	3, 276	4, 610	3, 843	3, 220	4, 663
Anchovies.....do.....	837	1, 931	2, 434	2, 170	2, 061	2, 449	242	568	834	865	897	878
Tuna fish.....do.....	5, 763	8, 256	6, 843	11, 053	7, 192	10, 126	1, 330	1, 235	1, 099	2, 034	1, 252	1, 669
Antipasto and other.....do.....			712	821	592	605		195	221	159	150	150
In air-tight containers (not in oil, etc.).....do.....	5, 552	15, 969	19, 931	24, 174	14, 653	15, 465	536	1, 140	1, 553	1, 879	1, 366	1, 481
Pickled or salted—.....do.....												
Salmon.....do.....	2, 329	589	265	124	225	438	369	72	29	12	33	81
Cod, haddock, hake, pollock, and cusk.....do.....	25, 370	41, 833	57, 987	51, 725	48, 203	53, 918	1, 689	1, 861	1, 938	2, 367	2, 021	2, 257
Herring.....do.....	42, 170	33, 731	37, 672	35, 258	34, 204	27, 399	2, 727	1, 760	1, 816	1, 477	1, 494	1, 373
Mackerel.....do.....	9, 019	4, 869	6, 436	6, 435	5, 878	5, 453	601	205	256	408	304	268
Other.....do.....	26, 332	1, 393	1, 135	1, 264	1, 069	1, 111	2, 319	101	72	97	85	101
Smoked or kippered.....do.....	2, 409	3, 952	6, 231	5, 824	5, 445	5, 270	219	299	473	442	398	430
Other prepared, or preserved fish, including pastes and sauces, n. e. s.....1,000 lbs.....	964	474	484	319	321	259	125	62	61	58	46	45

Caviar and other fish roe.....do.....	757	457	471	437	308	202	781	341	354	359	227	181
Shellfish—												
Crab meat, sauce, and paste.....do.....	10,696	9,096	9,019	11,157	7,814	13,507	4,563	3,048	2,928	3,676	2,741	4,582
Clams and oysters, in air-tight containers 1,000 lbs.....	3 288	1,451	1,153	988	687	810	3 38	207	249	191	147	184
Lobsters, not canned.....do.....	7,581	10,496	11,122	14,712	14,254	15,038	1,861	1,966	2,487	3,332	2,780	2,533
Lobsters, canned.....do.....	1,603	1,259	865	834	727	946	970	551	471	418	326	390
Crabs and turtles.....do.....	9,608	392	679	702	643	798	1,306	23	41	43	33	45
Shrimp and other shellfish.....do.....		13,598	14,955	19,017	14,024	13,303		867	1,133	1,529	1,080	1,113
F. Other edible animal products.....							7,831	1,857	3,299	5,011	2,161	1,800
Eggs (poultry)—												
Whole, in the shell.....1,000 doz.....	292	287	346	520	232	329	86	48	54	96	44	57
Whole, dried.....1,000 lbs.....	1,269	313	533	601	205	62	674	95	162	183	60	23
Whole, frozen, prepared, etc.....do.....	7,016	19		26	1	( <sup>1</sup> )	1,167	2		3	( <sup>1</sup> )	( <sup>1</sup> )
Yolks, dried.....do.....	5,128	2,613	4,902	5,426	338	683	2,085	364	763	970	71	146
Yolks, frozen, prepared, etc.....do.....	3,211	628	805	1,483	487	25	640	56	86	168	58	3
Egg albumen, dried.....do.....	3,199	1,321	2,358	2,844	718	500	1,677	503	958	1,048	282	154
Egg albumen, frozen, prepared, etc.....do.....	1,525	( <sup>1</sup> )		( <sup>1</sup> )			210	( <sup>1</sup> )		( <sup>1</sup> )		
Meat extract.....do.....	583	346	303	1,033	513	1,213	731	198	137	390	213	469
Gelatin, edible.....do.....	2,522	1,555	2,837	5,969	3,576	2,737	561	592	1,139	2,153	1,424	948
GROUP 0.—ANIMALS AND ANIMAL PRODUCTS, INEDIBLE												
Total.....							337,522	125,223	190,797	222,392	115,634	149,750
A. Hides and skins, raw (except furs).....1,000 lbs. <sup>3a</sup> .....	447,460	260,809	310,480	312,038	181,993	323,451	118,003	39,795	54,768	71,058	29,883	47,058
Cattle hides.....do.....	223,274	97,625	141,617	124,633	59,693	134,107	38,803	7,708	13,956	15,748	5,180	12,125
Dry or dry salted (over 12 lbs.).....	641	118	192	195	70	421	3,279	277	524	606	158	868
1,000 lbs.....	13,923	2,685	4,126	3,975	1,380	7,496						
Wet salted (over 25 lbs.).....	4,139	1,839	2,865	2,421	1,230	2,825	35,524	7,429	13,432	15,142	5,022	11,256
1,000 lbs.....	209,346	94,940	137,491	120,658	58,313	126,611						
India water buffalo (for rawhide).....	3 16	39	73	101	38	73						
1,000 pieces.....	3 331	826	1,673	1,892	665	1,259	3 65	147	278	386	133	233
1,000 lbs.....	158	22	62	172	11	77						
Buffalo hides, n. e. s.....	3,540	438	1,453	3,992	348	1,115	822	55	180	542	40	127
1,000 lbs.....												
Kip and calf skins.....do.....	45,520	31,103	21,208	18,606	24,446	26,596	13,223	4,349	4,226	4,334	4,043	4,615
Kip skins—												
Dry and dry salted (6 to 12 lbs.).....	167	52	62	115	30	235	467	59	111	186	35	282
1,000 pieces.....	1,584	464	611	1,044	308	2,372						
1,000 lbs.....	412	571	421	276	331	355	1,454	990	1,071	786	662	832
Wet salted (12 to 25 lbs.).....	6,593	8,572	6,941	4,104	4,983	5,784						
1,000 lbs.....												
Calfskins—												
Dry and dry salted (less than 6 lbs.).....	2,512	1,054	1,020	523	339	954	3,314	606	801	420	273	687
1,000 pieces.....	6,691	2,683	2,977	1,545	804	2,635						
1,000 lbs.....	4,079	2,443	1,460	1,771	2,656	2,370	7,989	2,694	2,243	2,942	3,073	2,814
Wet salted (less than 12 lbs.).....	30,651	19,384	10,679	11,913	18,351	15,804						
1,000 lbs.....												

<sup>1</sup> Less than 500.

<sup>2</sup> June 18 to Dec. 31, 1930.

<sup>3a</sup> Omitting reptile and hides and skins, n.e.s. (reported in pieces), beginning in 1936.



["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS												
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939							
<b>GROUP 0.—ANIMALS, ETC., INEDIBLE—Continued</b>																			
<b>A. Hides and skins, raw (except fur)—Continued</b>																			
Horse, colt, and ass hides.....1,000 lbs.....	13, 423	9, 384	12, 043	12, 044	4, 876	24, 539	1, 620	500	822	1, 113	312	1, 556							
Dry and dry salted.....do.....	2, 920	891	1, 465	879	223	1, 896	508	133	112	23	172								
Wet salted.....do.....	10, 503	8, 493	10, 578	11, 166	4, 653	22, 643	1, 112	441	689	1, 001	289	1, 384							
Sheep and lamb skins.....do.....	59, 898	41, 118	50, 690	53, 518	32, 649	63, 778	18, 388	6, 138	10, 948	14, 750	5, 304	9, 908							
Wooled, dry and green.....1,000 pieces.....	3, 056	1, 642	2, 396	2, 811	1, 728	4, 054	2, 883	643	1, 438	2, 257	1, 046	1, 963							
.....1,000 lbs.....	11, 946	6, 570	10, 115	9, 721	4, 717	11, 504													
Slats, dry, no wool.....1,000 pieces.....	8, 355	4, 670	4, 482	4, 441	1, 846	3, 097	6, 714	2, 365	2, 346	3, 268	922	1, 381							
.....1,000 lbs.....	18, 675	10, 446	10, 484	10, 505	4, 238	6, 214													
Pickled skins.....1,000 pieces.....	12, 332	10, 941	13, 702	15, 344	10, 989	21, 578	8, 792	3, 130	6, 565	9, 225	3, 335	6, 565							
.....1,000 lbs.....	29, 277	24, 101	30, 091	33, 291	23, 695	46, 058													
Goat and kid skins.....do.....	90, 689	70, 019	75, 186	89, 579	53, 222	86, 015	40, 332	17, 443	21, 544	29, 588	12, 040	15, 395							
Dry and dry salted.....1,000 pieces.....	49, 024	41, 821	44, 684	50, 053	28, 559	37, 882	36, 310	16, 335	20, 645	28, 637	11, 535	14, 969							
.....1,000 lbs.....	74, 702	61, 949	69, 824	84, 843	49, 598	63, 124													
Green or pickled.....1,000 pieces.....	5, 225	2, 831	2, 037	1, 773	1, 379	1, 136	4, 072	1, 114	899	951	505	426							
.....1,000 lbs.....	15, 567	8, 069	5, 362	4, 736	3, 624	2, 891													
Kangaroo and wallaby.....1,000 pieces.....	751	781	1, 151	1, 173	1, 137	943	654	435	632	781	820	590							
.....1,000 lbs.....	864	829	1, 116	1, 180	1, 270	1, 055													
Deer and elk.....1,000 pieces.....	943	902	1, 295	1, 408	746	920	749	510	967	1, 344	554	759							
.....1,000 lbs.....	2, 448	2, 048	2, 841	3, 304	2, 144	2, 552													
Reptile skins, raw.....do. <sup>3</sup> .....	4 2, 235	1, 435	<sup>3</sup> 480	<sup>3</sup> 601	<sup>3</sup> 512	<sup>3</sup> 352	4 2, 643	1, 124	264	242	312	274							
Fishskins and sealskins.....do.....	6, 863	<sup>4</sup> 1, 914	2, 654	3, 289	2, 678	2, 437	2, 290	<sup>4</sup> 136	217	350	174	151							
Other hides and skins.....do. <sup>3</sup> .....		4, 835	<sup>3</sup> 1, 372	<sup>3</sup> 1, 585	<sup>3</sup> 1, 115	<sup>3</sup> 1, 366		1, 301	1, 335	1, 881	973	1, 324	1, 324						
<b>B. Leather</b>																			
Sole leather.....1,000 lbs.....	7, 790	1, 120	1, 510	1, 074	959	1, 073	2, 928	323	441	370	303	296							
Leather cut into soles, blocks, etc. <sup>4</sup> .....do.....		163					536	59	61	17	2	6							
Balting leather <sup>6</sup> .....do.....	<sup>3</sup> 628	1, 276	1, 226	1, 256	656	1, 260	<sup>3</sup> 314	531	716	929	493	832							
Harness leather.....do.....	1, 492	110	45	26	76	11	633	44	38	21	22	10							
Cattle side upper grains and finished splits.....1,000 sq. ft.....	4 4, 018	1, 451	18	447	147	985	965	189	4	36	12	100							
Patent leather.....do.....	4, 711	203	441	217	64	2, 664	1, 710	38	86	50	13	502							
Calf and kip leather.....do.....	40, 936	8, 880	7, 067	38, 488	21, 671	20, 727	12, 483	2, 034	2, 105	6, 174	3, 421	4, 137							
Whole calf and kip, upper and lining.....do.....													15, 899	23, 193				1, 574	2, 419
Side calf and kip, upper and lining.....do.....																			
Upholstery, bag, case, garment, ball, and wetting leather <sup>7</sup> .....do.....							<sup>3</sup> 273	546	424	875	384	588							

Other bovine leather.....1,000 lbs.	2,351	1,076	366	2,070	1,083	1,321	473	221	275	297
Sheep and lamb.....1,000 sq. ft.	1,059	1,550	1,550	2,354	2,081	2,616	459	359	606	490
Goat and kid.....do.	8,814	3,738	1,199	2,254	2,304	2,938	4,076	999	344	480
Reptilian and shark skin leather.....1,000 pieces.	286	539	14	22	47	18	4,012	285	6	52
Glove leather, seal leather, skivers, chamois skins, etc.										
Rough tanned leather.....1,000 lbs.	11,179	351	373	452	327	444	1,552	542	1,078	1,264
Leather (not bovine) for manufacture of footwear.							6,247	217	261	239
Grained, embossed, etc., or fancy leather.....1,000 sq. ft.	1,053	1,295	1,306	1,161	941	1,081	362	24	21	42
All other leather.....							2,518	518	495	458
										317
										249
<b>C. Leather manufactures</b>							27,450	11,258	8,320	11,734
Boots and shoes (all leather).....1,000 prs.	3,004	2,170	2,097	3,749	3,412	2,081	8,796	2,930	2,186	3,805
Men's and boys'.....do.	91	173	231	248	209	224	3,495	539	663	3,398
Women's and misses'.....do.	387	1,866	1,784	3,428	3,147	1,824	3,978	2,274	1,455	2,827
Children's.....do.	39	82	73	51	33	39	116	68	67	51
Slippers and moccasins.....do.	597	104	63	63	46	50	795	74	30	36
Footwear with fabric uppers <sup>1</sup> .....do.	1,167	2,927	3,133	3,199	2,835	2,951	324	436	425	528
Gloves.....do.	12,735	7,139	5,212	6,288	3,567	3,203	12,467	6,305	4,416	5,589
Women's and children's.....do.	12,638	7,120	5,190	6,269	3,549	3,182	12,328	6,276	4,378	5,554
Men's.....do.	98	20	22	20	18	22	139	29	38	35
Bags, baskets, belts, boxes, cases, etc.							3,330	983	673	977
All other leather manufactures.....							1,737	530	590	800
										522
										452
<b>D. Furs and manufactures</b>							114,785	43,125	81,609	88,178
										45,837
										55,471
<b>Furs, undressed</b>							101,071	38,568	74,723	78,542
Badger.....1,000 pieces.	52	148	109	137	38	15	225	464	289	354
Beaver.....do.	100	59	51	52	51	81	2,538	646	648	835
Caracul.....do.	196	60	8	3	6	6	309	94	39	7
Coney and rabbit.....do.			128,354	115,290	72,938	109,966	20,171	7,829	20,921	19,700
Ermine.....do.	780	622	747	697	394	657	1,651	605	750	1,128
Fitch.....do.	1,197	1,072	872	628	749	820	2,231	1,347	742	780
Fox, other than silver or black.....do.	1,525	1,074	905	590	920	14,286	4,913	6,345	5,459	3,105
Guanacuito.....do.	261	217	185	279	158	104	738	219	186	379
Hare.....do.			8,686	7,999	5,005	9,409	2,585	476	1,330	1,371
Kolinski.....do.	524	719	917	632	542	848	1,738	883	1,355	1,502
Lamb, kid, sheep, and goat skin furs.....do.	8,498	7,059	11,573	9,472	4,794	6,232	16,169	9,574	25,717	28,898
Marmot.....do.	1,748	803	876	1,029	1,070	1,033	2,962	613	1,000	1,561
Marten.....do.	153	72	102	105	121	156	2,707	711	1,477	1,771
Mink.....do.	711	1,039	858	780	761	1,000	3,105	2,116	3,438	3,233
Mole.....do.	4,315	1,577	1,901	1,556	498	401	528	115	157	186
Muskkrat.....do.	1,056	820	465	277	514	668	1,573	657	671	356
Nutria.....do.	91	47	44	27	30	76	443	134	208	126

<sup>1</sup> Average for years 1928-30.<sup>2</sup> June 13 to Dec. 31, 1930.<sup>3</sup> 1,000 pieces beginning 1936.<sup>4</sup> Average for years 1929 and 1930.<sup>5</sup> Average for years 1933-35.<sup>6</sup> Leather cut into shoe parts prior to June 18, 1930.<sup>7</sup> Welting included with "Belting leather" prior to 1933 and with "Upholstery, bag, case, etc.," thereafter.<sup>8</sup> Includes rubber-soled footwear with fabric uppers prior to 1933.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 0.—ANIMALS, ETC., INEDIBLE—Continued</b>												
<b>D. Furs and manufactures—Continued.</b>												
<b>Furs, undressed—Continued.</b>												
Opossum.....1,000 pieces..	2 508	295	226	697	177	444	2 575	164	175	520	95	190
Otter.....do.....	2 30	29	40	63	39	36	2 352	143	236	361	210	149
Pony.....do.....	2 156	129	240	199	94	27	2 551	555	1,265	1,133	294	64
Raccoon.....do.....	2 21	80	105	83	17	32	2 90	318	448	330	58	63
Sable.....do.....	2 5	14	4	2	1	1	2 290	435	279	139	62	129
Skunk.....do.....	2 162	121	131	147	238	158	2 324	98	337	195	221	221
Squirrel.....do.....	10, 021	6, 002	5, 073	4, 514	3, 752	4, 988	8, 483	1, 093	1, 830	1, 670	1, 292	1, 667
Weasel.....do.....	2 1, 513	1, 818	2, 168	2, 029	1, 186	2, 055	2, 385	1, 433	1, 834	2, 833	970	1, 750
Wolf.....do.....	2 153	78	156	116	96	34	2 2, 191	472	1, 001	1, 050	481	190
Jackal, leopard, lynx, ocelot and wildcat 1,000 pieces.....				328	293	256	24, 050	1, 559	2, 245	1, 694 615	1, 041 323	958 274
Other furs, undressed.....												
<b>Furs dressed on the skin, not advanced beyond dyeing</b>												
Coney and rabbit.....1,000 pieces..	2 2, 641	768	178	90	86	100	6, 430	2, 472	2, 374	2, 155	1, 146	2, 995
Dog, goat, and kid.....do.....	2 2, 131	1, 499	735	612	176	96	2 1, 240	235	109	56	35	24
Lamb and sheep.....do.....	2 303	119	171	28	55	53	2 5, 596	1, 371	754	753	261	85
Silver or black fox, dressed or undressed 1,000 pieces.....	2 2	3	16	26	16	133	2 1, 073	386	602	151	340	280
Other dressed furs.....							2 160	88	734	1, 088	463	2, 468
							2 751	392	175	107	47	138
<b>Manufactures of fur—</b>												
<b>Cut fur for hatters' use, including fur skins</b>												
carroted.....1,000 lbs.....	146	22	6	1	15	40	315	18	3	1	8	53
Plates, mats, etc., and other advanced fur materials.....							4, 333	1, 448	3, 474	4, 416	1, 982	2, 294
<b>Fur-felt hats—</b>												
For men and boys.....thousands..	1, 196	123	112	159	103	102	2, 636	279	266	351	227	212
For women and girls.....do.....		328	676	630	400	76		319	703	598	381	100
Other manufactures.....							4* 39	67	115	57	59	59
<b>E. Animal oils, fats, and greases, inedible.</b>												
Whale oil.....1,000 gals.....	3, 020	6, 165	3, 746	7, 303	2, 943	2, 705	10, 884	8, 541	9, 541	7, 815	5, 524	5, 498
Cod oil.....do.....	4, 577	2, 266	2, 800	2, 954	3, 038	2, 162	3, 689	2, 395	835	2, 030	925	652
Cod-liver oil.....do.....		2, 899	5, 790	5, 916	5, 229	6, 570		1, 006	1, 189	939	602	602
Other fish oils.....do.....	5, 218	1, 243	174	167	71	128	3, 221	1, 799	3, 547	3, 867	3, 326	3, 731
Wool grease.....1,000 lbs.....	10, 387	4, 681	6, 570	4, 694	1, 786	4, 178	1, 851	189	51	120	106	166
Tallow.....do.....	2 10, 629	58, 215	68, 936	3, 851	1, 229	1, 496	3, 380	169	328	222	101	194
Stearic acid.....do.....		5, 142	1, 817	1, 465	788	1, 278	1, 043	2, 959	3, 558	208	50	44
Grease and oils, n. e. s.....							701	319	164	52	69	107
								75	82	51	7	2

F. Other animals and animal products, inedible

Animals, n. e. s.—

Horses for breeding	number	500	296	863	785	483	415	1,134	274	439	591	403	312
Other horses	do	2,678	3,276	19,189	11,773	6,177	6,434	618	415	2,234	1,451	773	876
Cattle for breeding	1,000 head	10	9	11	12	10	10	1,152	889	1,026	1,235	899	941
Birds, n. e. s.	thousands	664	319	186	206	164	157	1,097	380	310	389	337	223
Silver foxes	number	1,665	202	92	1,287	1,368	3,315	336	13	4	41	81	69
Other animals	do							761	396	643	568	485	470
Bones, hoofs, and horns—													
Unmanufactured <sup>a</sup>	1,000 lbs.	129,256	86,174	86,156	115,708	46,512	170,877	1,774	738	786	1,225	496	1,545
Manufactures	do							96	55	54	65	41	43
Bristles, sorted, bunched, or prepared	1,000 lbs.	5,212	4,335	6,166	4,825	3,209	5,163	6,987	4,066	9,055	9,955	5,431	7,337
Feathers, crude	do	3,361	2,496	4,608	5,802	4,003	6,775	2,043	910	1,959	3,293	1,975	2,584
Feathers, dressed, colored, etc.	do							219	101	115	111	87	138
Glue stock, hide cuttings, etc.	1,000 lbs.	49,743	21,545	31,904	51,052	27,425	27,780	2,384	963	1,535	3,761	2,457	1,741
Gelatin, inedible, and manufactures	do							1,301	280	36	58	22	19
Glue and glue size, and manufactures	do							939	490	465	964	143	158
Casein or lactarene	1,000 lbs.	25,045	3,549	16,209	5,210	417	15,832	2,979	208	1,869	371	28	886
Ivory tusks in natural state	do	139	28	40	69	65	59	608	67	75	191	156	132
Shells, unmanufactured—													
Mother-of-pearl	do	7,129	4,595	9,349	10,143	8,025	10,595	2,075	1,075	2,011	2,221	1,274	1,450
All other	do	4,713	4,150	2,683	10,643	11,749	3,797	229	68	72	72	64	48
Sponges and manufactures	do	993	507	606	582	429	492	1,115	460	552	588	475	476
Beeswax, crude, and other animal wax	do	4,727	3,769	4,268	5,392	2,995	4,715	1,471	661	985	1,409	615	942
Tankage <sup>b</sup>	tons of 2,240 lbs.	18,371	22,585	48,163	47,190	28,495	64,855	581	498	1,715	2,006	935	2,535
Fish scrap and fish meal	do		27,952	43,722	68,204	32,922	49,377		742	1,390	2,514	1,253	2,098
Other inedible animal products	do							1,460	558	599	723	520	543

GROUP I.—VEGETABLE FOOD PRODUCTS AND BEVERAGES

Total

A. Grains and preparations

Corn	1,000 bus. of 56 lbs.	1,808	9,465	31,471	86,337	404	490	1,452	4,479	16,082	56,184	258	281
Oats	1,000 bus. of 32 lbs.	205	3,291	1,479	58	7	4,293	102	950	54	35	5	1,506
Rice—													
Cleaned	1,000 lbs.	10,766	3,889	4,439	12,539	4,468	3,796	454	91	133	373	153	126
Cleaned (except patna)	do	42,402	18,974	13,155	18,247	7,743	7,664	1,837	518	340	541	249	218
Patna rice for use in canned foods	do	2,163	1,755	4,715	5,201	3,655	4,615	134	62	153	142	127	145
Flour, meal, etc.	do	2,761	14,626	92,771	151,371	42,253	55,018	95	206	1,565	2,793	683	743
Wheat—													
For grinding in bond and export—													
To countries except Cuba													
Cuba	1,000 bus. of 60 lbs.			9,221	5,751	2,942	7,933			8,196	6,023	1,865	4,311
Unfit for human consumption	do	15,858	18,689	4,100	3,281	839	2,568	18,574	13,203	3,736	3,811	638	1,627
Other	do			5,499	292	23	198			4,046	288	7	49
Wheat flour	1,000 lbs.	970	598	34,170	8,392	25	19			32,147	9,661	32	21
Biscuits, wafers, cakes, etc.	do			9,830	4,978	14,289	17,279	37	13	184	158	224	195
Macaroni, vermicelli, noodles, etc.	1,000 lbs.	3,561	1,813	1,305	1,696	1,164	1,077	643	298	292	379	311	286

<sup>a</sup> Average for years 1928-30.

<sup>b</sup> June 18 to Dec. 31, 1930.

<sup>c</sup> Average for years 1933-35.

<sup>d</sup> Bone ash, dust, and meal included beginning 1939, included under fertilizers in previous years. See note 26a.

<sup>e</sup> Tankage for fertilizer is excluded beginning 1937. See note 26.

<sup>f</sup> Average for years 1932-35.

FOREIGN COMMERCE

1931

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.</b>												
<b>A. Grains and preparations—Continued.</b>												
Bread, yeast-leavened.....1,000 lbs.	2,495	2,833	4,834	5,705	2,270	2,398	344	271	357	425	266	251
Barley.....1,000 bus. of 48 lbs.		4 <sup>a</sup> 3,815	8,144	10,384	126	776		4 <sup>a</sup> 2,900	6,887	9,564	71	334
Barley malt.....1,000 lbs.		4 <sup>a</sup> 207,845	301,767	371,243	100,576	101,130	496	4 <sup>a</sup> 5,456	7,162	11,313	2,825	2,141
Rye.....1,000 bus. of 56 lbs.		4 <sup>a</sup> 8,424	3,889	207	(1)	(1)		4 <sup>a</sup> 4,058	2,447	181	(1)	(1)
All other.....								539	539	373	154	162
<b>B. Fodders and feeds</b>												
Hay.....tons of 2,000 lbs.	133,347	35,821	73,976	146,149	18,954	48,348	14,796	6,699	12,266	16,090	3,809	11,334
Oil cake and oil-cake meal.....1,000 lbs.							1,253	320	544	1,099	142	381
Soybean.....do	95,822	62,148	42,633	109,418	26,270	25,229	1,901	617	538	1,375	345	341
Coconut or copra <sup>rd</sup> .....do	34,570	44,867	90,944	143,853	85,513	111,707	459	361	698	1,829	874	1,018
Cottonseed.....do	4 32,923	22,830	27,370	41,952	6,591	9,995	4 441	245	283	478	57	100
Linseed.....do	4 60,486	20,655	37,532	24,515	15,566	9,649	4 1,370	191	363	339	212	140
All other.....do	60,679	5,432	7,917	49,063	17,883	22,246	1,084	49	83	573	202	187
Bran, shorts, and other by-product feeds of wheat.....1,000 tons of 2,000 lbs.	292	236	374	302	58	459	6,604	3,532	7,217	7,972	968	7,853
Of direct importation.....do	162	145	270	170	28	341	3,405	2,305	5,470	4,331	442	5,814
Withdrawn from bonded mills.....do	130	91	103	131	31	118	3,199	1,227	1,747	3,641	526	2,039
Beet pulp, dried.....tons of 2,240 lbs.	37,154	18,129	38,297	37,027	27,843	18,161	1,076	326	964	941	658	392
Other fodders and feeds.....							1,694	1,049	1,576	1,484	350	923
<b>C. Vegetables and preparations.</b>												
<b>Beans—</b>												
Green or in brine.....1,000 lbs.	3 1,845	5,802	5,479	5,445	5,748	4,070	3 68	179	156	149	159	109
Dried.....do	105,000	25,066	19,757	54,920	8,261	6,132	4,767	667	600	1,899	331	209
<b>Peas (except cowpeas and chickpeas)—</b>												
Green.....do	3 1,864	11,249	3,067	6,370	2,502	2,054	3 98	564	148	325	122	100
Dried.....do	16,009	8,066	2,086	2,310	890	639	890	296	81	83	102	36
Split.....do	3,928	1,660	55	247	149	165	149	47	1	6	10	4
Lentils and lupines.....do	8,908	9,603	11,604	9,803	10,083	6,751	524	333	506	412	340	251
Chickpeas or garbanzos.....do	51,545	11,754	11,243	11,669	7,730	8,332	2,846	417	417	461	321	323
Truffles.....do	38	15	13	19	22	17	41	30	34	39	29	26
Mushrooms, not canned.....do	6,941	587	599	661	565	591	1,985	298	326	345	287	305
Potatoes, white or Irish.....do	288,551	101,060	75,955	63,938	45,820	93,859	5,217	1,235	1,272	1,159	581	1,527
Garlic.....do	4,491	5,899	6,088	5,717	3,069	4,140	247	213	224	186	121	143
Turnips.....do	123,193	94,577	139,677	120,217	115,133	107,689	776	551	919	843	839	839
Tomatoes, natural state.....do	119,337	83,034	85,713	95,148	65,345	48,703	3,860	2,317	2,065	2,379	1,443	1,054
Onions.....do	89,177	12,907	2,933	5,379	5,294	4,866	1,800	232	61	107	86	84

Other vegetables, fresh, n. e. s.							3,410	802	906	721	702	664
Arrowroot, cassava, sago, and tapioca, 1,000 lbs.	139,624	184,427	310,465	471,610	248,336	413,912	3,740	3,310	6,228	9,067	4,335	6,260
Sago.....do		13,138	36,434	33,470	11,803	22,807		147	530	653	150	292
Tapioca crude and prepared.....do		168,364	269,504	432,858	230,879	382,738		2,987	5,428	8,104	3,880	5,505
All other.....do		2,925	4,527	5,282	5,653	8,346		176	270	309	305	463
Vegetables, canned—												
Peas.....do		1,333	604	447	320	450	1,159	140	46	52	31	39
Mushrooms.....do		1,340	1,485	462	1,000	890	3,365	398	144	278	206	185
Tomatoes.....do		101,580	30,625	60,019	53,807	62,520	5,266	2,893	2,283	2,204	2,434	2,222
Other.....do		8,253	335	290	218	213	823	19	17	14	13	11
Vegetables, prepared or preserved—												
Pickled vegetables.....do		2,549	1,752	4,782	8,382	7,001	6,388	155	100	283	467	366
Sauces, n. s. p. f.....do		12,479	11,387	10,897	14,892	10,739	13,777	896	439	401	542	429
Tomato paste.....do		13,719	11,746	8,967	8,942	9,314	7,146	1,374	900	788	651	624
Pimientos.....do		4,391	2,311	761	395	742	1,60	473	176	69	46	96
Beancake, miso, and similar products.....do		949	1,094	1,059	1,280	1,092	999	74	46	60	52	51
Other.....do		8,841	8,070	8,879	13,574	8,914	8,682	603	520	558	584	675
Other edible substances.....do								767	886	1,537	1,479	1,478
D. Fruits and nuts.....do							84,868	48,407	57,972	67,312	55,117	58,216
Fruits and preparations							56,189	35,811	41,333	47,428	41,616	43,733
Plantains.....do							* 145	162	166	179	69	82
Bananas.....do, 1,000 bunches		61,887	49,524	58,302	66,587	59,243	57,126	34,435	25,294	28,675	31,441	28,798
Grapefruit.....do, 1,000 lbs.		9,105	5,977	8,442	8,694	4,073	4,530	243	122	138	107	49
Lemons.....do		66,322	7,677	8,449	5,534	560		1,854	204	142	195	12
Limes.....do		4,979	5,293	10,927	10,929	4,793	3,227	138	161	305	287	110
Olives in brine:												
Not pitted or stuffed.....do, 1,000 gals.		3,715	3,175	2,681	3,251	3,238		1,480	1,476	1,752	2,078	1,856
Pitted or stuffed.....do		6,986	2,445	3,609	2,928	2,899	3,153	4,719	1,506	2,495	2,913	2,607
Olives, dried and other.....do, 1,000 lbs.		* 709	442	3,018	362	101	115	* 63	36	254	32	8
Pineapples—												
Natural state.....do								2,131	984	995	1,313	1,315
Prepared or preserved—												
From foreign countries.....do, 1,000 lbs.		3,879	4,174	11,715	18,739	10,090	30,359	360	226	568	954	581
From Philippine Islands.....do			4,572	8,156	26,559	21,425	44,632		258	341	1,287	948
Apples.....do, 1,000 bus. of 50 lbs.		151	27	19	23	26	46	294	40	33	39	44
Berries, natural or in brine.....do, 1,000 lbs.		6,878	3,629	6,076	6,383	3,544	2,837	582	225	407	418	227
Cherries, natural, sulphured, or in brine.....do, 1,000 lbs.		12,378	3,133	912	1,620	1,546	1,574	1,670	263	66	132	129
Cherries, dried, prepared, preserved.....do		5,009	146	26	58	24	35	584	16	5	11	4
Grapes.....do, 1,000 cu. ft.		139	326	378	396	383	377	438	474	495	499	512
Raisins and other dried grapes.....do, 1,000 lbs.		2,688	1,221	594	617	322	285	302	118	45	63	29
Currants.....do		10,890	6,571	6,140	5,118	3,750	3,460	772	376	340	296	226
Dates.....do		48,514	48,061	53,299	55,972	45,482	43,695	2,335	1,729	1,957	2,035	1,578
Figs.....do		30,433	6,927	6,674	6,474	4,847	4,567	2,173	466	450	438	332
Citron or citron peel.....do		4,318	3,578	3,971	3,333	2,864	3,099	584	254	270	239	155
Ginger root, prepared or preserved.....do		1,080	999	1,223	4,718	3,749	4,276	132	66	71	403	262
Jellies, jams, marmalades, and fruit butter.....do, 1,000 lbs.		3,650	2,568	2,127	2,350	2,344	3,546	500	285	260	286	290
Other fruits, natural, prepared, or preserved.....do								1,911	1,066	1,380	2,110	1,234

Less than 500.

\* June 18 to Dec. 31, 1930.

† Average for years 1929 and 1930.

‡ Average for years 1933-35.

§ Almost entirely from the Philippine Islands.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.</b>												
<b>D. Fruits and nuts—Continued.</b>												
<b>Nuts</b>							28,680	12,597	16,639	19,884	18,501	14,498
Chestnuts, including marrons.....1,000 lbs.	18,704	15,784	18,324	22,217	16,767	14,717	940	646	887	737	591	655
Cocanuts, in the shell.....thousands.	65,289	56,734	42,052	47,863	36,948	28,086	1,544	888	670	782	531	404
<b>Almonds—</b>												
Shelled.....1,000 lbs.	17,537	6,588	11,163	6,606	1,639	2	6,090	1,370	2,571	1,888	518	413
Not shelled.....do.	1,751	580	557	17			240	41	46	2	(1)	1
Brazil or cream—												
Shelled.....do.		7,281	9,647	7,371	8,060	9,651		962	1,569	1,728	1,417	1,298
Not shelled.....do.	29,688	21,104	20,372	12,775	20,587	22,849	2,815	839	1,204	1,268	1,125	1,053
Coconut meat, desiccated or prepared												
Product of the Philippine Islands.....do.	39,604	47,939	65,098	96,213	67,495	80,261	3,280	2,236	3,537	6,656	3,708	4,401
Other.....do.	14,571	1,886	491	464	398	336	1,170	76	23	23	14	11
<b>Filberts—</b>												
Shelled.....do.	5,639	2,643	2,340	2,005	1,940	2,094	1,155	395	434	384	336	392
Not shelled.....do.	9,108	4,242	4,174	330	417	1,534	1,056	303	326	31	45	134
<b>Walnuts—</b>												
Shelled.....do.	18,604	8,472	3,576	6,101	3,173	4,423	5,072	1,624	529	950	456	592
Not shelled.....do.	12,839	1,760	73	263	138	22	1,557	135	7	20	11	1
<b>Peanuts—</b>												
Product of the Philippine Islands.....do.	865	237	99	1,588	3,851	6,406	854	13	6	97	202	332
Shelled.....do.	33,629	1,083	34	41	2,496	468	1,627	30	2	3	52	13
Not shelled.....do.	6,009	1,106	259	430	288	320	252	29	8	14	10	10
Pecans.....do.	530	228	47	177	147	214	65	49	9	38	24	41
Pignolia.....do.	579	363	363	459	353	286	189	78	73	98	84	85
Pistache.....do.	1,285	2,139	3,118	3,458	2,733	2,170	489	502	722	896	793	533
Cashew.....do.	4,079	14,025	22,102	26,848	26,069	29,466	856	2,265	3,707	4,113	3,515	4,039
Nut pastes and preparations.....do.			219	262	106	160		246	70	21	33	
Other edible nuts, n. e. s. }.....do.	4,275	1,060	705	703	555	324	955	215	62	87	48	54
<b>E. Vegetable oils and fats, edible.</b>	94,589	182,819	318,174	390,891	206,093	198,727	15,565	11,992	22,476	30,808	15,970	10,712
Cacao butter.....do.	116	11	24	14	10	15	26	3	5	4	2	3
<b>Olive oil—</b>												
In packages.....do.	85,247	67,577	60,972	48,843	71,086	62,866	14,812	7,438	7,437	8,968	9,786	8,077
Weighing less than 40 pounds.....do.	51,318	31,701	20,261	18,851	30,701	25,121	9,024	3,671	2,711	3,537	4,353	3,368
Of 40 pounds and over.....do.	33,929	35,876	40,712	29,991	40,385	37,745	5,787	3,767	4,726	5,431	5,432	4,709
Sunflower seed oil <sup>8a</sup> .....do.		<sup>7c</sup> 19,409	24,714	172				<sup>7c</sup> 879	1,621	10	(1)	
Peanut oil.....do.	6,935	20,229	49,006	57,999	15,553	3,779	602	864	2,642	3,601	611	175
Cottonseed oil <sup>8a</sup> .....do.		<sup>8b</sup> 87,922	127,787	194,031	77,500	28,454		<sup>8b</sup> 4,632	7,371	11,958	3,411	1,625
Corn oil <sup>8a</sup> .....do.		<sup>8a</sup> 15,225	28,672	32,926	22,242	13,965		<sup>8a</sup> 780	1,371	2,327	1,290	639
Palm-kernel oil <sup>8a</sup> .....do.	<sup>7c</sup> 2,713	<sup>7c</sup> 7,618	11,537	11,537	2,333	1,911	630	<sup>7c</sup> 97	532	810	87	65
Other edible oils.....do.		13,001	19,380	45,870	17,257	16,737		586	1,196	3,110	784	728

<b>F. Cocoa, coffee, and tea.</b>													
Cocoa or cacao beans	1,000 lbs.	422, 263	433, 526	631, 884	619, 051	453, 097	688, 779	355, 795	178, 797	185, 364	224, 860	176, 841	188, 866
Cocoa, prepared	do.	3, 987	3, 498	2, 982	2, 987	2, 854	3, 557	45, 497	21, 507	33, 026	52, 331	20, 139	27, 613
Chocolate, prepared	do.	3, 089	3, 777	5, 858	786	859	982	565	354	360	408	353	432
Coffee	do.	1, 492, 950	1, 621, 744	1, 739, 191	1, 697, 100	1, 987, 144	2, 013, 779	281, 707	141, 173	133, 962	150, 579	137, 824	139, 546
Tea	do.	89, 844	88, 137	82, 477	94, 817	81, 372	97, 791	27, 045	15, 673	17, 885	21, 366	18, 313	21, 090
<b>G. Spices</b>													
Paprika, ground	do.	90, 113	94, 405	141, 898	101, 445	107, 805	138, 958	17, 577	9, 553	12, 527	11, 470	11, 089	14, 865
Celery seed	do.	5, 125	5, 459	7, 600	6, 546	4, 516	6, 140	957	680	883	867	613	1, 183
Cinnamon and chips of, unground	do.	856	988	1, 273	1, 356	1, 027	1, 353	138	231	144	191	120	1, 140
Caraway seed	do.	922	815	850	663	701	1, 528	349	74	109	92	86	182
Cardamom seed	do.	4, 753	5, 990	6, 570	5, 808	6, 438	5, 251	351	371	469	382	373	365
Capsicum or red or cayenne and chili pepper, unground	1,000 lbs.	203	196	226	233	224	226	198	104	139	239	174	127
Cassia and cassia vera	do.	2, 274	1, 380	1, 445	1, 774	1, 581	1, 142	315	103	93	124	141	118
Ginger root, unground, not prepared	do.	8, 720	9, 004	11, 036	10, 876	8, 197	12, 744	642	596	793	725	626	1, 147
Mustard—		4, 862	4, 179	4, 633	3, 812	4, 221	5, 056	923	408	558	528	526	676
<i>Seed, whole</i>	do.	3, 878	3, 707	3, 599	656	656	656	208	352	64	80	23	
<i>Ground or prepared</i>	do.	16, 922	11, 170	10, 139	17, 757	9, 196	10, 332	930	440	433	710	392	560
Nutmegs, unground	do.	1, 725	1, 149	1, 064	1, 218	726	1, 240	967	597	633	698	409	654
Mace, unground	do.	4, 122	4, 410	4, 175	5, 177	4, 038	5, 379	873	390	465	642	433	550
Pepper, unground—		734	712	798	871	735	796	452	214	311	374	288	272
<i>Black</i>	do.	22, 894	30, 289	69, 345	29, 446	52, 288	66, 264	5, 540	2, 444	2, 920	1, 450	2, 588	2, 633
<i>White</i>	do.	4, 117	4, 781	7, 704	4, 786	5, 842	9, 141	1, 517	659	555	441	427	631
Pimento (allspice), unground	do.	2, 300	2, 830	2, 397	2, 586	874	2, 739	351	139	307	74	110	321
Tonka beans	do.	4, 328	512	745	620	610	628	4, 284	478	771	719	795	945
Vanilla beans	do.	1, 245	1, 191	1, 165	996	1, 025	1, 018	2, 147	1, 104	2, 260	2, 751	2, 704	3, 502
Other spices	do.	4, 328	5, 643	7, 133	7, 625	4, 727	7, 334	478	256	332	400	254	336
<b>H. Sugar and related products</b>													
Sugarcane, natural	1,000 tons of 2,000 lbs.	240	120	(1)	(1)	(1)	(1)	223, 199	122, 629	173, 072	185, 340	141, 751	135, 207
Beet sugar	1,000 lbs.	354	1, 569	3, 006	3, 939	1, 227	4	284	226	(1)	(1)	(1)	(1)
Cane sugar	do.	8, 470, 917	5, 972, 135	5, 935, 587	6, 391, 857	5, 947, 946	5, 806, 632	207, 306	113, 070	157, 930	166, 248	130, 400	124, 649
<i>Product of Philippine Islands</i> <sup>8a</sup>	do.	1, 209, 073	2, 043, 114	1, 896, 818	1, 930, 038	1, 903, 299	1, 902, 348	45, 597	57, 882	59, 539	59, 198	50, 588	49, 617
<i>Other</i>	do.	7, 261, 844	3, 929, 021	4, 038, 769	4, 461, 819	4, 044, 647	3, 904, 284	161, 709	55, 488	98, 392	107, 550	79, 812	75, 032
Molasses, n. e. s.	1,000 gals.	267, 741	11, 548	17, 625	10, 832	10, 956	11, 564	11, 101	1, 293	2, 129	1, 789	1, 969	1, 783
Molasses not for human consumption	do.	26, 834	190, 606	235, 061	301, 450	177, 348	190, 656	1, 894	6, 736	11, 468	15, 070	8, 206	6, 420
Sugar candy and confectionery, n. e. s.	1,000 lbs.	3, 869	4, 398	3, 754	5, 672	3, 678	3, 249	951	659	458	618	503	563
Maple sugar and maple sirup	do.	7, 857	3, 626	6, 512	6, 134	3, 984	12, 268	1, 396	542	1, 029	933	631	1, 767
Honey, dextrose, lactose, and levulose <sup>8b</sup>	do.	257	113	132	245	198	273	35	12	14	24	21	25
<b>I. Beverages</b>													
Brandy	1,000 pf. gals.		500	646	738	666	770	1, 717	20, 999	77, 612	75, 406	59, 918	59, 453
Gin	do.		107	70	70	62	72		3, 120	3, 887	4, 176	3, 236	3, 439
Rum	do.	69	399	555	510	395	394	316	312	212	228	190	193
Whisky	do.		5, 736	13, 375	14, 364	10, 321	9, 846		5, 392	2, 226	2, 271	1, 564	1, 510
Other spirits and compounds	do.		335	506	505	339	341		27, 158	55, 923	53, 970	42, 786	41, 543
									1, 688	1, 615	1, 596	1, 421	1, 600

<sup>1</sup> Less than 500.<sup>2</sup> Average for years 1928-30.<sup>3</sup> June 18 to Dec. 31, 1930.<sup>4</sup> Average for years 1929 and 1930.<sup>5a</sup> Average for years 1933-35.<sup>7a</sup> Average for years 1932-35.<sup>8</sup> 1930 only.<sup>8a</sup> Included in "Other edible oils" for years not shown separately.<sup>8b</sup> Average for years 1934 and 1935.<sup>9</sup> Includes Virgin Islands prior to 1935.<sup>9</sup> "Honey" prior to June 18, 1930.



["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 1.—VEGETABLE FOOD PRODUCTS, ETC.—Con.</b>												
<b>1. Beverages—Continued.</b>												
Sparkling wines.....1,000 gals..	39	1,512	502	577	483	560	93	5,073	3,444	3,239	2,323	2,526
Still wines.....do.....			3,134	3,240	2,947	3,377			8,021	7,193	6,188	6,523
Ginger ale or ginger beer, nonalcoholic.....do.....	106	10	10	7	12	14	112	11	11	8	14	14
Mineral water.....do.....	912	621	363	409	301	373	452	366	285	324	215	247
Other beverages and fruit juices.....do.....							745	987	1,981	2,400	1,979	1,859
<b>GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD</b>												
Total.....do.....							573,128	202,637	337,674	487,465	292,745	352,244
<b>A. Rubber and manufactures</b>												
Rubber, crude, and milk of.....1,000 lbs..	1,042,301	1,014,570	1,090,693	1,339,039	917,468	1,114,139	302,945	78,022	163,025	252,859	134,541	182,437
Jelutong or pontianak.....do.....	16,446	12,098	13,805	15,922	20,456	14,873	294,428	74,573	158,732	247,521	129,542	178,054
Balata.....do.....	1,298	2,349	1,199	794	1,141	1,551	2,396	918	1,296	2,018	2,945	1,603
Gutta-percha.....do.....	2,255	1,886	3,229	1,942	582	3,912	445	689	199	151	181	265
Guayule.....do.....	6,618	<sup>8b</sup> 960	2,753	6,028	5,618	5,001	471	220	526	389	161	539
Siak and scrap, and reclaimed.....do.....	20,951	8,192	13,542	14,191	7,724	11,119	1,577	<sup>8b</sup> 281	287	746	629	463
Rubber-soled footwear, fabric uppers <sup>10</sup> .....do.....							714	84	292	494	174	202
Rubber toys <sup>11</sup> .....1,000 prs.....		<sup>4a</sup> 2,237	1,003	911	922	863		<sup>4a</sup> 423	249	217	183	152
Druggists' sundries, n. e. s. <sup>12</sup> .....1,000 lbs.....			1,184	735	289	247		<sup>4a</sup> 266	146	108	48	39
Combs, hard rubber <sup>13</sup> .....thousands.....		<sup>4a</sup> 1,943	833	907	658	596		<sup>4a</sup> 68	86	85	63	51
Golf balls.....do.....	2,691	946	531	556	692	692	1,013	<sup>4a</sup> 76	50	58	46	45
Tennis and other balls <sup>14</sup> .....do.....		<sup>4a</sup> 2,423	4,784	4,773	2,813	3,994		<sup>4a</sup> 234	84	62	53	65
Rubber tires.....number.....	8,286	31,056	88,428	69,287	20,466	28,996	98	<sup>4a</sup> 130	181	178	127	216
Belting, hose, packing and insulating material.....do.....								106	334	115	55	132
Inflatable swimming belts, floats, etc.....do.....								<sup>8b</sup> 63	197	254	67	75
Other manufacturers of rubber.....thousands.....			663	873	436	618	1,803		36	58	36	39
								563	329	406	232	495
<b>B. Gums, resins, and balsams, n. e. s.</b>												
<b>Varnish gums and resins:</b>												
Damar.....1,000 lbs.....	15,369	11,901	15,708	18,168	11,330	17,335	1,969	621	903	1,208	724	796
Kauri.....do.....	4,485	1,295	979	2,139	767	1,021	667	133	116	293	81	120
Lac, crude, seed, button, and stick.....do.....	4,833	8,741	16,720	20,678	15,154	23,215	4,212	960	1,482	1,735	992	1,401
Shellac.....do.....	26,584	12,679	15,198	20,760	12,553	27,818	9,820	1,796	1,781	2,247	1,117	2,220
All other.....do.....	40,856	14,814	20,374	24,789	16,494	28,941	4,817	724	1,018	1,308	716	1,158
Tar, pitch, and turpentine.....do.....							341	143	233	168	111	146

Chicle, crude.....do.....	12,893	6,443	6,750	10,660	7,872	14,679	6,460	2,131	1,665	3,009	2,457	5,151
Balsams, crude.....do.....	389	331	335	470	396	471	200	101	115	157	122	131
Arabic or Senegal.....do.....	8,657	6,530	8,424	9,494	8,735	9,200	870	406	619	771	540	635
Tragacanth.....do.....	1,533	1,841	2,093	3,245	1,074	3,065	754	466	592	1,382	595	1,264
Kadaya (karaya) and talka.....do.....	4,925	4,237	5,467	7,206	4,811	7,662	4,445	310	600	939	522	575
Other gums and resins, n. e. s.....							1,230	439	408	812	587	741
<b>C. Drugs, herbs, leaves, roots, etc.....</b>	<b>116,216</b>	<b>91,722</b>	<b>96,428</b>	<b>126,773</b>	<b>109,232</b>	<b>114,048</b>	<b>9,474</b>	<b>6,023</b>	<b>6,905</b>	<b>9,384</b>	<b>8,979</b>	<b>11,889</b>
Cinchona bark or other from which quinine may be extracted.....1,000 lbs.	2,257	1,568	2,051	1,837	1,349	2,030	631	523	745	761	588	857
Pyrethrum or insecticide flowers.....do.....	10,017	10,647	11,757	20,092	14,537	13,569	1,905	1,491	943	2,204	2,491	3,174
Licorice root.....do.....	75,450	54,249	55,181	69,567	65,163	62,331	2,006	1,086	1,037	1,353	1,266	1,391
Licorice extract.....do.....	1,050	916	709	740	362	466	193	114	104	64	31	56
Opium, crude.....do.....	186	121	171	184	171	181	880	389	709	663	716	708
Senna.....do.....	2,837	1,788	1,733	2,553	1,501	1,980	195	83	85	119	69	77
Plantago psyllium seed.....do.....	2,419	2,816	3,092	3,185	2,636	2,184	3,665	4,165	2,07	314	277	200
All other.....do.....	20,747	21,753	28,617	23,512	31,308			2,231	3,075	3,906	3,541	5,227
<b>D. Oilseeds.....</b>							<b>65,999</b>	<b>26,843</b>	<b>37,020</b>	<b>63,326</b>	<b>34,683</b>	<b>33,182</b>
Castor beans.....1,000 lbs.	128,553	93,245	164,077	146,808	114,073	162,611	4,392	1,848	3,621	6,221	2,046	2,882
Copra.....do.....	515,371	485,127	365,485	537,750	513,017	430,054	22,533	8,553	7,790	17,744	9,205	6,692
Flaxseed.....1,000 bus. of 56 lbs.	19,771	13,619	15,355	28,032	15,364	16,028	36,794	12,702	17,653	35,207	19,872	18,424
Poppy seed.....1,000 lbs.	5,973	7,368	6,901	7,609	9,649	5,815	487	443	378	528	723	472
Palm nuts and kernels.....do.....	25,550	27,443	88,291	24,340	9,176	8,251		349	567	2,673	375	124
Rapeseed.....do.....	15,804	27,336	6,180	9,176	7,541			378	794	213	264	198
Sesame seed.....do.....	17,967	74,023	117,795	11,065	6,816	10,055	641	1,378	3,121	431	269	348
Other oil seeds.....do.....	39,717	49,136	131,335	57,882	60,187	140,397	1,103	746	3,096	2,885	1,908	4,041
<b>E. Vegetable oils.....</b>							<b>72,963</b>	<b>36,757</b>	<b>67,566</b>	<b>86,664</b>	<b>47,090</b>	<b>46,709</b>
<b>Expressed oils and fats.....</b>							<b>66,375</b>	<b>33,020</b>	<b>62,827</b>	<b>81,208</b>	<b>42,595</b>	<b>40,265</b>
Tung oil.....1,000 lbs.	105,575	100,812	134,830	174,885	107,456	78,718	12,367	6,535	17,833	20,100	11,923	11,724
Coconut oil.....do.....												
Product of Philippine Islands.....do.....	311,798	311,714	322,050	337,325	363,919	336,783	23,500	10,279	12,226	19,886	11,400	8,384
All other.....do.....		7	15	51	23	13		1	1	4	2	1
Palm oil.....do.....	201,839	243,181	338,789	411,112	271,325	238,603	13,209	7,254	11,631	15,335	9,125	6,282
<b>Inedible oils for mechanical or manufacturing purposes.....</b>												
Olive oil, sulphured or foots.....1,000 lbs.	46,162	38,653	17,401	22,101	22,356	28,180	3,285	1,765	1,128	1,954	1,241	1,453
Other inedible olive oil.....do.....	8,583	13,945	12,045	4,370	5,444	11,304	1,118	1,074	1,191	770	564	1,067
Palm-kernel oil.....do.....	54,184	17,694	12,523	127,819	186	325	4,415	649	591	8,396	9	12
Rapeseed (colza) oil.....1,000 gals.	3,473	1,670	3,023	650	689	1,185	223	538	1,344	292	278	399
Sesame oil.....1,000 lbs.	9,854	3	49	(1)		941		4	(1)			
Vegetable tallow.....do.....	6,692	44	2,977	8,068	274	2,564	460	(1)	2	138	499	109
Carnauba wax.....do.....	6,579	7,919	12,500	13,916	12,377	16,359	1,496	1,418	4,286	4,801	3,927	4,928
Vegetable wax.....do.....	5,899	3,405	6,053	7,611	4,236	8,021	1,332	243	587	808	434	905
Rapeseed (colza) oil, n. e. s.....1,000 gals.	2,342	1,175	5,403	131	105	57	1,515	444	2,361	60	46	18

<sup>1</sup>Less than 500.<sup>2</sup>Average for years 1928-30.<sup>3</sup>June 15 to Dec. 31, 1930.<sup>4</sup>Average for years 1929 and 1930.<sup>5</sup>Average for years 1933-35.<sup>6</sup>Average for years 1932-35.<sup>7</sup>Average for years 1934 and 1935.<sup>8</sup>Included with "Leather footwear with textile uppers" prior to 1933.<sup>9</sup>Included with "Other toys" prior to 1933.<sup>10</sup>Included with "Other manufactures of rubber" prior to 1933.<sup>11</sup>Included with "Combs except metal" prior to 1933.<sup>12</sup>Included with "Balls for games, n. e. s." prior to 1933.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD—Continued</b>												
<b>E. Vegetable oils—Continued.</b>												
<b>Expressed oils and fats—Continued.</b>												
Lined oil.....1,000 lbs..	5,649	2,930	760	402	123	49	414	110	31	24	7	4
Soybean oil.....do.....	17,316	4,887	7,187	29,752	4,258	4,126	1,109	195	353	1,810	186	158
Perilla oil.....do.....	5,474	30,016	117,903	43,591	31,821	51,284	2,578	1,673	7,033	2,127	1,665	2,205
Other expressed oils.....do.....	15,869	15,978	28,414	51,507	31,622	34,045	1,420	840	2,083	3,842	1,767	2,617
<b>Essential and distilled oils.....</b>												
Cassia and cinnamon.....1,000 lbs..	349	372	486	482	405	444	438	231	314	357	250	248
Geranium.....do.....	172	137	131	134	147	227	499	525	545	464	362	472
Otto of roses.....1,000 oz.....	32	26	35	39	28	67	328	200	263	270	172	412
Bergamot.....1,000 lbs.....	114	74	108	87	91	211	495	108	183	282	327	713
Citronella and lemon grass.....do.....	1,326	1,727	1,865	1,982	2,338	3,275	618	567	425	618	722	827
Lavender and spike lavender.....do.....	315	257	299	261	113	413	754	465	851	514	230	683
Lemon.....do.....	471	216	149	89	97	149	884	149	188	239	258	312
Orange.....do.....	198	138	176	205	194	238	585	156	189	287	185	193
Sandalwood.....do.....	14	5	4	5	3	9	58	22	14	18	12	30
Lime.....do.....		51	53	118	90	134		251	270	611	326	405
All other essential and distilled oils.....do.....	3,618	2,846	3,229	3,963	3,468	3,534	1,928	1,163	1,496	1,798	1,642	2,149
<b>F. Dyeing and tanning materials, n. e. s.</b>												
Logwood.....tons.....	28,532	16,911	16,669	17,031	6,291	6,753	8,552	5,110	8,005	7,828	5,040	8,328
Myrobalans fruit.....do.....	17,234	11,267	19,817	20,397	7,336	16,531	501	246	225	217	84	76
Quebracho wood.....do.....	56,742	33,462	14,011	13,655	29,085	27,757	897	436	189	287	396	146
Sumac.....do.....	3,975	2,210	1,614	1,596	1,405	2,112	242	88	296	209	485	538
Valonia.....1,000 lbs.....	19,231	20,355	6,410	25,429	7,481	17,192	321	258	66	81	58	115
Gambier or terra japonica.....do.....	3,942	3,028	3,178	4,616	2,990	5,562	331	194	121	380	103	236
Wattle bark.....do.....	11,797	8,945	29,491	18,710	3,743	12,921	275	184	205	319	197	382
Nutgalls and gallnuts.....do.....	1,066	2,171	1,841	2,310	1,557	2,764	232	102	322	240	159	206
Other crude.....do.....	54,446	16,778	15,464	21,342	9,129	20,767	1,145	247	272	305	181	319
Extracts for dyeing, coloring, etc.....do.....	1,579	757	1,075	1,615	2,333	539	143	83	98	116	130	64
<b>Extracts for tanning—</b>												
Quebracho.....do.....	96,192	111,024	112,025	142,412	85,228	153,032	4,123	2,582	3,356	4,628	2,735	5,082
<b>Mangrove extract—</b>												
From Philippine Islands.....do.....		10,453	12,591	13,356	12,059	5,566		224	320	333	359	175
From foreign countries.....do.....	6,772	4,063	5,300	3,722	3,023	9,138	225	104	153	113	90	272
All other tanning extracts.....do.....		8,162	5,157	7,530	3,654	8,358		260	173	270	146	329

G. Seeds, except oilseeds—							9,207	4,331	6,019	8,220	5,917	5,082	
Grass and other forage crop seeds—													
Alfalfa.....	1,000 lbs.	2,064	107	2,095	3,990	3,615	3,165	3,666	13	294	766	650	509
Clover.....	do.	23,712	3,038	18,474	26,886	23,421	13,991	3,505	303	1,663	3,054	2,017	1,035
Red.....	do.	8,098	396	5,573	11,132	6,154	451	1,428	45	790	1,607	741	35
Alsike.....	do.	5,316	19	1,505	2,073	551	322	1,148	2	230	337	103	41
Crimson.....	do.	3,036	1,355	5,071	2,620	4,921	4,744	240	66	198	131	292	322
Other.....	do.	6,761	1,269	6,326	11,061	11,796	8,477	688	190	445	980	881	637
Vetch.....	do.	3,672	2,350	2,125	8,048	7,338	4,745	220	88	94	308	257	186
Grass seeds.....	do.	7,931	11,508	8,053	8,218	7,440	9,887	1,101	714	692	845	1,042	1,319
Seeds for the Department of Agriculture								158	(1)	8	7		(1)
Garden, field, and flower seeds—													
Sugar-beet seeds.....	1,000 lbs.	13,433	16,451	10,960	13,017	4,654	8,243	1,403	1,627	1,436	1,306	498	792
Cabbage.....	do.	265	219	400	429	472	334	148	96	155	161	158	121
Canary.....	do.	15,848	20,040	16,809	18,293	15,114	15,884	568	417	655	696	402	296
Spinach.....	do.		2,977	3,256	3,460	2,560	2,833		259	369	258	193	207
Turnip.....	do.		1,504	1,104	319	923	543		169	107	79	50	44
Onion.....	do.		4199	208	195	210	132		4285	153	133	116	59
All other.....	do.		6,084	2,198	2,202	2,638	2,193		1,456	553	546	622	465
H. Nursery and greenhouse stock													
Bulbs, roots, and corms—													
Hyacinth.....	thousands	22,342	15,492	16,270	19,064	17,461	19,833	1,516	595	711	741	670	754
Lily of the valley pips.....	do.		11,268	10,940	12,396	9,180	5,218		168	319	257	186	108
Tulip bulbs.....	do.		4,989	88,558	100,130	98,370	112,346		1,256	1,443	1,421	1,708	1,682
Narcissus bulbs.....	do.	217,188	716	663	6,056	2,803	11,382	5,196	26	25	137	88	320
Lily bulbs.....	do.		17,790	24,308	26,226	23,437	24,305		512	654	700	619	631
Crocus and other.....	do.		20,419	14,025	18,398	24,388	33,360		259	117	122	163	191
Trees, plants, cuttings, and seedlings—													
Fruit stock.....	do.		11,715	8	1	42	2		78	4			(1)
Rose stocks and plants.....	do.		12,484	7,140	6,661	5,467	3,340		186	94	(1) 97	80	(1) 46
All other.....	do.		15,885	2,026	604	653	562		194	70	115	150	183
I. Tobacco and manufactures													
Unmanufactured.....	1,000 lbs.	77,013	61,121	67,519	71,703	71,408	82,447	64,544	30,898	32,925	35,406	38,211	40,556
Product of Philippine Islands.....	do.		2,978	2,747	2,041	5,251	13,744		67,018	27,118	29,880	31,923	36,028
Leaf, for cigar wrappers.....	do.		6,277	2,620	2,999	1,660	1,706		388	309	178	552	482
Cigar leaf (filler)—									12,548	4,357	6,557	3,268	3,456
Unstemmed.....	do.		7,118	4,462	4,596	4,208	2,710		5,710	2,265	2,270	2,243	1,584
Stemmed.....	do.		14,896	8,076	6,502	6,940	8,917		13,741	5,706	4,672	4,922	5,465
Cigarette leaf, unstemmed.....	do.		43,438	38,139	46,503	47,985	49,508		24,027	13,704	15,324	20,048	24,293
Scrap.....	do.		2,088	2,824	2,764	2,609	2,940		596	701	805	753	822
Stems, not cut, or ground.....	do.		1,093	2,254	2,103	3,049	3,099		38	77	74	100	106
Manufactures of tobacco—													
Cigars and cheroots—													
Product of Philippine Islands.....	do.		2,443	2,691	3,115	4,182	3,227		3,943	3,047	2,438	2,866	3,008
Other cigars and cheroots.....	do.		378	80	44	47	37		3,176	525	346	277	333
Cigarettes and all other manufactures, n. s. p. f.....	1,000 lbs.		322	164	140	150	117		407	208	262	253	208

Less than 500.  
Average for years 1923-30.

<sup>1</sup> June 18 to Dec. 31, 1930.  
<sup>4</sup> Average for years 1929 and 1930.

<sup>4a</sup> Average for years 1933-35.  
<sup>7a</sup> Average for years 1932-35.

<sup>15</sup> Average for years 1927-30.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 2.—VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS AND WOOD—Continued</b>												
<b>J. Miscellaneous vegetable products.....</b>												
Agar-agar.....1,000 lbs.	430	505	625	704	589	497	3,844	3,678	5,252	6,120	5,107	6,052
Hops.....do							308	199	275	418	333	378
Hop extract, and lupulin.....do	713	3,808	8,914	10,021	9,222	8,190	243	1,824	2,822	3,053	2,556	3,066
Starch.....do	23,988	14,041	13,678	11,963	7,596	12,008	791	239	254	255	185	280
Vegetable ivory, or tagua nuts.....do	23,410	14,421	15,755	12,754	8,749	15,934	728	213	246	327	127	190
Moss, seaweed, etc., crude.....do							386	139	242	355	294	357
Peat moss.....tons of 2,240 lbs.	30,290	47,951	67,023	77,563	62,062	70,188	1,883	590	956	1,219	1,093	1,205
All other.....do							1,312	421	407	448	486	524
<b>GROUP 3.—TEXTILES</b>												
Total.....do							893,766	293,593	387,184	476,928	280,777	359,822
<b>A. Cotton, unmanufactured.....1,000 lbs.</b>												
Short staple, under 1½ inches.....do	182,137	64,660	105,688	134,121	108,382	103,578	42,663	7,352	11,997	16,592	9,615	8,292
Staple 1½ to 1¾ inches.....do	130,794	28,763	50,418	81,667	72,286	38,641	26,476	2,331	4,700	8,529	5,883	2,821
Staple 1¾ to 1¾ inches.....do	220	21,073	12,892	10,998	6,693	9,791	35	2,714	2,324	2,156	1,199	1,446
Long staple, 1¾ inches or over.....do	51,300	14,824	21,163	25,544	13,118	22,502	16,173	2,307	4,143	5,164	2,205	3,254
Cotton linters.....do			21,215	15,912	14,285	32,643		831	742	328		770
<b>B. Cotton, semimanufactures.....1,000 lbs.</b>												
Cotton waste.....do	33,823	38,629	99,109	71,204	11,384	17,002	5,421	2,793	6,285	5,243	1,370	2,076
Yarns and warps, mainly bleached, dyed, combed, or plied.....do	2,780	1,644	2,126	2,019	1,054	1,616	3,309	1,248	1,651	1,681	795	1,301
<b>C. Cotton manufactures.....million yds.</b>												
Sewing thread, crochet, darning, embroidery, and knitting cotton.....do	1,832	1,069	879	965	864	894	1,615	635	511	419	396	320
<b>Cotton cloth.....1,000 sq. yds.</b>												
Not bleached.....do	56,336	41,901	114,195	147,321	58,282	111,824	14,605	6,219	10,558	13,628	6,505	8,667
Bleached.....do	23,171	4,620	4,332	4,283	2,819	3,498	4,727	704	810	849	558	674
Printed, dyed, or colored.....do	9,367	19,865	74,767	97,811	35,035	88,875	2,021	2,143	4,466	6,022	2,537	4,720
Other.....do	23,798	17,416	35,096	45,227	20,428	19,451	7,856	3,371	5,283	6,757	3,410	3,273
<b>Cotton fabrics, n. e. s., and household articles.....1,000 lbs.</b>												
Blankets, blanket cloth, and cloth chief value cotton with less than 17 percent wool.....do		76	29	68	31	9	8,080	3,334	5,140	7,274	4,757	5,216
Table damask and manufactures.....do			883	1,916	1,479	2,479					1,174	1,413
File fabrics and manufactures.....do							2,396	636	1,007	987	340	499
Velvets and velveteens.....1,000 sq. yds.	2,464	592	5,214	3,994	1,034	1,738	1,863	217	786	670	196	283
Other.....do							403	419	221	316	144	216

Tapestries and other Jacquard woven upholstery cloths.....							4,589	938	1,000	1,412	1,010	1,100
Table covers, napkins, doilies, etc.							308	409	1,100	928	419	355
Bed spreads and quilts..... thousands.	394	1,075	1,587	2,796	2,288	2,611	3,403	906	1,111	1,889	1,505	1,534
Sheets, pillow cases, towels, etc.							104	161	261	596	293	309
<b>Wearing apparel</b>							14,780	9,945	10,912	10,649	9,855	8,888
Product of Philippine Islands							4,059	2,779	4,827	4,318	5,651	5,870
Knit or crocheted goods—												
Gloves and mittens.....1,000 doz. prs.	2,107	2,467	1,942	2,237	1,286	804	6,571	5,614	4,131	4,213	2,669	1,420
Hosiery.....do.	649	554	2,313	1,649	713	1,061	2,025	805	952	516	455	436
Underwear and other knit goods.....							436	318	418	266	170	127
Wearing apparel wholly or partly of lace, or embroidered, beaded, etc.							702	169	144	310	312	213
All other							966	259	439	726	398	323
<b>Other cotton manufactures</b>							19,167	11,546	15,295	19,697	11,965	14,974
Handkerchiefs and mufflers—												
Not of lace, embroidered, etc. 1,000 doz.	1,829	5,165	3,247	1,866	2,737	649	649	261	686	667	437	483
Lace trimmed, or embroidered, etc. thousands.	1,098	166	301	1,158	1,118							
<b>Laces, embroideries, etc.</b>							1,111	55	16	28	67	65
Product of Philippine Islands							11,259	6,418	5,843	6,577	4,542	6,474
Hand-made laces.....							510	175	247	174	367	402
Machine-made laces.....							790	302	258	319	149	90
Articles in part of lace.....							6,201	4,152	3,076	3,113	2,216	3,873
Lace window curtains.....							1,290	348	254	374	301	339
Embroideries.....							449	264	689	830	308	292
All other laces, embroideries, etc.							587	80	22	26	22	18
Imitation oriental rugs.....1,000 sq. yds.	4,851	10,640	3,388	4,502	2,808	3,922	4,282	2,685	2,578	3,597	2,049	2,546
Other cotton floor coverings.....do.			12,502	12,641	6,210	8,537		1,787	1,983	1,204	1,894	1,894
Belting for machines.....1,000 lbs.	183	318	330	307	158	339	99	134	141	142	65	123
Rags, except paper stock.....do.	9,539	17,300	25,305	30,101	18,535	8,009	502	671	1,224	1,762	1,057	575
Other cotton manufactures, n. e. s.							5,115	1,322	3,220	4,941	2,544	2,814
<b>D. Jute and manufactures</b>							93,709	33,909	46,337	57,924	37,478	38,305
Jute, unmanufactured..... tons of 2,240 lbs.	60,346	43,911	64,856	91,961	34,661	35,293	9,442	3,064	5,897	8,793	3,274	3,574
Jute butts, unmanufactured.....do.	19,668	9,115	13,826	26,648	10,929	556	1,848	391	562	1,133	571	43
Waste bagging and waste sackcloth 1,000 lbs.	38,604	55,003	42,538	63,911	53,097	26,635	1,119	867	929	1,803	1,371	584
Yarns, single.....do.	824	4	281	4,475	182	68	96	1	20	336	11	4
Cordage.....do.	149	161	140	163	27	52	22	16	14	17	2	4
Burlaps.....do.	606,083	404,133	557,347	657,724	504,333	441,431	72,250	26,141	35,412	41,144	28,343	27,961
Bagging for cotton.....do.							3,532	570	603	744	827	715
Woven fabrics, n. e. s.....1,000 lbs.	2,039	1,594	2,351	2,315	1,230	2,925	625	351	535	509	261	640
Jute bags or sacks.....do.	40,778	38,993	34,481	50,855	43,219	30,518	4,146	1,917	1,722	2,556	1,909	1,585
Other jute manufactures.....do.							647	591	744	890	907	1,185

<sup>1</sup> Average for years 1928-30.

<sup>2</sup> June 18 to Dec. 31, 1930.

<sup>3</sup> Average for years 1929 and 1930.

<sup>4</sup> Average for years 1933-35.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 3.—TEXTILES—Continued</b>												
<b>E. Flax, hemp, and ramie, and manufactures</b>												
Flax, unmanufactured—tons of 2,240 lbs.	5,826	4,184	5,621	6,141	1,251	5,915	47,944	25,222	32,980	35,427	21,451	25,258
Hacked—do	1,980	803	1,208	1,203	574	1,274	3,080	1,386	2,488	2,718	767	2,687
All other—do	3,845	3,380	4,413	4,938	677	4,641	1,638	500	947	962	497	1,097
Hemp, unmanufactured—do	1,708	751	753	778	582	678	1,442	886	1,541	1,756	271	1,590
							549	158	239	221	168	213
<b>Manufactures of flax, hemp, and ramie</b>												
Single yarns—1,000 lbs.	2,578	1,603	2,005	2,484	1,607	2,116	44,315	23,684	30,253	32,438	20,516	22,352
Thread and twine—do	496	393	543	805	563	1,022	1,204	592	920	1,212	750	926
Fabrics—do		20,588	25,441	24,678	14,881	17,133	554	245	351	374	271	397
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.	2,365	1,481	1,102	1,141	991	585	23,227	12,107	16,963	17,413	9,622	12,010
Plain woven fabrics, weighing less than 4 oz. per sq. yd.—1,000 lbs.	3,781	4,284	4,186	3,280	1,294	2,384	1,552	619	546	590	407	289
Table-damask and manufactures—do		2,491	2,368	2,715	1,724	1,915	4,653	4,076	5,061	4,563	1,772	3,239
Pile fabrics and manufactures—do	\$ 103	149	32	55	36	45	6,434	2,210	2,264	2,702	1,671	2,062
Woven fabrics for padding or interlining—1,000 lbs.	\$ 799	2,579	3,100	2,494	1,336	2,790	\$ 152	205	42	81	48	60
Other fabrics—do	13,066	9,603	14,653	14,893	9,500	9,414	\$ 300	768	1,148	955	487	930
Wearing apparel—do							10,496	4,230	7,901	8,522	5,136	5,430
Handkerchiefs—do							497	233	68	67	39	38
Not embroidered nor of lace—1,000 doz.	3,570	1,600	1,133	1,009	474	999	3,651	1,269	1,122	1,136	558	1,043
Made of lace or embroidered—do	1,505	1,745	2,480	3,390	3,633	2,908	1,964	1,781	2,443	3,726	3,726	2,543
Laces, embroideries, etc.—do												
Articles embroidered, tamboured, ornamented, and with threads drawn, cut, etc., and embroideries—do							5,426	2,426	3,115	3,113	2,136	2,230
Laces, lace articles, and lace fabrics—do							929	59	35	44	34	20
Towels, napkins, and bed clothing—do												
Other manufactures, n. e. s.—thousands	25,006	32,344	31,005	34,412	19,974	16,908	3,734	2,766	3,121	3,661	2,098	2,341
							3,131	2,206	2,114	1,813	1,393	805
<b>F. Other vegetable fibers and manufactures</b>												
Unmanufactured fiber—tons of 2,240 lbs.	218,060	181,142	204,744	213,653	157,876	196,624	43,619	16,310	30,017	33,837	20,332	20,963
Isle or tampoico fiber—do	12,625	7,942	6,154	10,726	5,707	10,401	37,904	12,338	24,139	28,257	15,449	16,520
Manila or abaca fiber—do	60,849	34,972	39,027	43,702	27,383	45,932	1,557	436	530	967	359	685
New Zealand fiber—do	3,975	96	111	105	25		12,670	2,545	5,659	7,777	3,165	4,172
Crin vegetal—do		5,825	6,438	6,079	4,304	5,109	610	7	9	14	3	
Sisal and benequen fiber—do	118,560	117,557	129,833	131,207	108,243	118,761		172	213	244	155	126
Kapok—do	7,976	8,731	14,699	11,710	6,254	9,379	18,493	7,509	13,564	15,097	9,571	8,658
All other, n. e. s.—do	9,074	6,019	8,462	10,124	5,960	7,042	3,578	1,758	3,474	3,373	1,714	2,336
							996	412	691	784	482	542

Manufactures of—															
Binding twine.....	1,000 lbs.	13,563	36,877	75,129	57,854	60,414	49,779	1,481	1,995	4,471	3,484	3,559	2,421		
Cordage—															
Product of the Philippine Islands.....	do.	6,524	7,827	2,807	6,214	3,735	7,637	885	695	324	686	373	675		
Other.....	do.	5,949	2,441	2,210	4,090	3,297	9,107	824	208	266	449	296	589		
Other manufactures.....								2,525	573	816	960	656	758		
<b>I. Wool, including mohair, etc., unmanufactured</b>															
1,000 lbs.....		253,242	135,824	257,725	326,035	104,274	245,971	78,790	18,731	53,264	96,345	23,605	49,837		
Carpet wool and other wools not finer than 40's <sup>15a</sup> (actual weight).....	1,000 lbs.	135,503	107,612	169,229	195,651	84,277	168,458	34,300	12,997	29,509	52,597	15,759	30,425		
Wool finer than 40's:															
Woolen type (actual weight).....	do.	16,858	5,158	8,599	11,700	3,930	9,951	6,050	1,059	2,208	3,894	1,275	2,462		
Worsted type (actual weight).....	do.	96,440	22,010	76,160	114,901	14,513	64,660	36,230	4,384	20,443	38,232	4,422	15,263		
Hair of the Angora goat, Cashmere goat, alpaca, etc. (actual weight).....	1,000 lbs.	4,439	1,044	3,736	3,778	1,552	2,864	2,209	291	1,104	1,620	1,148	1,470		
Hair of the Angora goat (mohair).....	do.	3,765	424	1,277	894	106	1,773	1,780	68	257	242	44	73		
Hair of the Cashmere goat, alpaca, etc. do.	do.	674	620	2,460	2,884	1,446	2,691	429	223	847	1,378	1,104	1,397		
Wool, carbonized.....	do.	12	(1)	1	6	2	39	35	(1)	1	2	1	17		
<b>J. Wool, semimanufactures</b>															
1,000 lbs.....		6,393	2,343	9,758	6,671	2,279	6,022	4,333	1,016	4,236	3,503	1,165	2,413		
Nolls.....	do.	18,062	1,188	6,016	4,809	794	8,418	5,153	369	1,985	1,859	262	2,322		
Wool rags <sup>16</sup> .....	do.	3,615	894	4,112	3,051	730	3,904	1,900	273	1,409	1,400	296	1,270		
Waste.....	do.	286	68	366	247	58	114	318	58	274	213	81	86		
Tops and other wool advanced.....	do.	332	287	593	342	455	652	746	410	613	414	833	964		
Yarns.....	do.	130	55	139	9	2	7	281	40	113	11	3	8		
Mohair.....	do.	84	27	16	21	98	80	568	154	89	91	515	506		
Rabbit, including Angora rabbit.....	do.	184	206	384	313	354	565	351	216	410	311	314	450		
Other hair and wool.....	do.														
<b>K. Wool manufactures</b>															
1,000 sq. yds.....		17,859	4,880	7,659	9,767	6,176	12,018	18,437	4,082	7,000	8,975	5,087	9,703		
Worsted, woolens, and mohair fabrics.....	1,000 lbs.	9,253	2,586	4,443	5,538	3,536	6,568								
Mohair fabrics.....	1,000 sq. yds.	376	60	24	28	19	36	155	16	8	13	12	16		
1,000 lbs.....	1,000 lbs.	84	14	6	9	6	11								
Worsted—															
Weighing not over 4 oz. per sq. yd.....	1,000 sq. yds.	4,401	414	551	457	353	737	1,833	160	218	215	130	262		
per sq. yd.....	1,000 lbs.	907	82	109	92	70	149								
Weighing over 4 oz. per sq. yd.....	1,000 sq. yds.	1,833	805	1,367	2,020	956	3,056	2,665	751	1,317	1,823	837	2,056		
sq. yd.....	1,000 lbs.	988	418	307	988	419	1,580								
Woolens—															
Weighing over 4 oz. per sq. yd <sup>15a</sup> .....	1,000 sq. yds.	11,251	3,402	5,717	7,261	4,848	8,190	13,784	3,165	5,457	6,922	4,107	6,368		
sq. yd.....	1,000 lbs.	7,275	2,072	3,621	4,484	2,841	4,827								
Blankets, robes and steamer rugs.....	(1)	182	738	1,027	472	468	(1)	(1)	121	417	709	318	296		
Other fabrics of wool <sup>16a</sup> .....	do.	99	47	100	190	539	331	193	113	205	335	663	413		
Wearing apparel.....								16,041	5,082	7,641	8,038	4,966	4,316		
Knit crocheted goods—															
Hosiery.....	1,000 doz. prs.	355	193	275	327	252	283	2,279	580	772	905	645	734		
Gloves and mittens.....	do.	125	152	618	345	142	270	261	217	757	669	250	341		
Other knit and crocheted goods.....	1,000 lbs.	506	702	502	468	279	269	2,192	1,533	1,493	1,831	1,128	1,163		

<sup>1</sup> Less than 500.

<sup>2</sup> June 18 to Dec. 31, 1930.

<sup>3</sup> 1930 only.

<sup>15a</sup> Includes hair of the camel.

<sup>16</sup> Wool rags, flocks, and mungo prior to June 18, 1930.

<sup>16a</sup> Billiard cloth included with woolens prior to 1936 and with "Other fabrics of wool," thereafter.



["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 3.—TEXTILES—Continued</b>												
<b>K. Wool manufactures—Continued.</b>												
<b>Wearing apparel—Continued.</b>												
Hats and hat bodies of wool-felt.....1,000 lbs.	16 4, 402	2, 073	2, 742	2, 308	2, 083	1, 006	16 6, 496	1, 648	2, 467	2, 172	1, 802	799
Hat bodies of wool-felt.....do		2, 069	2, 740	2, 305	2, 083	1, 006	1, 639	2, 461	2, 163	1, 790	797	
Hats of wool-felt.....do		4	2	2	(1)	1	9	6	3	3	2	
All other wearing apparel.....do	2, 137	348	785	869	363	466	6, 113	1, 085	2, 146	2, 459	1, 141	1, 278
Wool laces, embroideries, etc.							331	50	203	426	269	118
Carpets and rugs.....1,000 sq. ft.	27, 238	12, 550	14, 034	15, 374	9, 680	17, 510	19, 528	5, 890	5, 303	5, 591	3, 669	4, 547
Oriental, Axminster, Savonnerie, etc., made on hand looms.....1,000 sq. ft.	19, 391	6, 534	5, 415	4, 180	2, 646	3, 258	16, 987	4, 520	4, 187	4, 023	2, 650	2, 577
Oriental weave, from power driven looms.....1,000 sq. ft.												
All other.....do	7, 847	213	146	269	150	109	2, 541	79	52	97	52	30
Other manufactures of wool.....do		5, 802	8, 473	10, 925	6, 883	14, 149	2, 314	791	1, 064	1, 472	967	1, 940
								161	358	394	144	162
							5, 456	2, 081	4, 450	5, 787	2, 947	2, 788
<b>L. Hair and manufactures, n. e. s.</b>												
<b>Human hair—</b>												
Unmanufactured.....1,000 lbs.	2, 604	2, 168	2, 612	2, 931	2, 371	2, 277	917	352	450	696	679	473
Nets and netting.....1,000 gross	610	398	434	338	380	496	609	266	279	220	266	301
Other manufactures.....do							168	88	111	117	67	79
Horse hair, tails, or manes.....1,000 lbs.	4, 136	2, 810	3, 740	3, 996	3, 150	2, 472	2, 125	762	1, 623	1, 851	1, 108	996
Cattle body hair (10 cents or less per pound).....1,000 lbs.												
Other animal hair, n. e. s.....do	11, 649	3, 092	6, 631	7, 122	2, 881	3, 311	1, 538	152	434	804	255	278
Hair manufactures, n. e. s.....do		3, 202	9, 026	11, 783	2, 934	4, 951		431	1, 455	1, 988	551	587
	318	167	504	475	67	186	98	30	97	112	21	72
<b>M. Silk, unmanufactured</b>												
Raw silk.....do	86, 458	74, 569	67, 541	64, 169	57, 050	55, 271	374, 715	115, 883	104, 163	108, 481	89, 252	121, 908
Waste and cocoons.....do	75, 343	69, 841	60, 363	57, 816	55, 194	51, 600	368, 232	115, 054	102, 351	106, 594	88, 821	120, 852
	11, 114	4, 728	7, 178	6, 354	1, 856	3, 671	6, 482	829	1, 813	1, 887	432	1, 057
<b>N. Silk manufactures</b>												
Spun silk or schappe silk yarn.....1,000 lbs.	516	63	77	207	82	161	36, 383	8, 595	8, 561	11, 038	8, 272	7, 655
Singles.....do	60	23	11	23	44	60	1, 401	97	98	235	64	153
Plied.....do	456	41	66	185	38	101	1, 666	24	12	21	19	25
Bolting cloths.....do	23	14	13	15	10	20	594	398	450	427	294	587
Fabrics, broad, except pile fabrics.....do	3, 314	2, 052	2, 007	2, 328	1, 727	1, 205	15, 545	4, 670	4, 651	6, 108	4, 741	3, 961
<b>Fabrics not over 30 inches wide</b>												
Not jacquard, figured.....1,000 sq. yds.	3 427	1, 244	972	929	937	746	3 269	478	489	548	439	413
.....do	61	131	116	129	119	103						
Jacquard, figured.....1,000 sq. yds.	3 87	359	421	518	375	313	3 106	509	502	658	413	362
.....do	13	76	80	111	77	72						

Fabrics over 30 inches wide													
Not jacquard, figured	1,000 sq. yds.	3,765	20,184	21,316	26,294	27,437	17,307	1,191	3,248	3,377	4,450	3,684	3,059
	1,000 lbs.	383	1,764	1,746	1,982	1,476	997						
Jacquard, figured	1,000 sq. yds.	119	365	338	490	282	168	196	435	283	453	204	127
	1,000 lbs.	25	81	65	105	55	33		525	397	170	111	98
Pile fabrics	do.	672	94	57	22	27	24						
Pile ribbons and manufactures of pile fabrics	do.	84	53	45	59	51	59		461	240	165	256	202
Wearing apparel													
Product of Philippine Islands													
Not knit, not embroidered, etc.								7,347	1,522	1,557	1,754	881	863
Embroidered, etc., or of lace								114	49	176	117	49	26
Knit or crocheted								3,436	893	943	925	390	295
								3,550	511	401	642	398	506
								270	69	36	69	44	36
Handkerchiefs and mufflers													
Hemmed or not hemmed	1,000 doz.	492	342	574	667	492	339	1,020	272	459	670	374	267
Embroidered or of lace	do.	198	8	2	2	3	2	192	11	6	6	5	5
Laces, embroideries, etc.													
Laces and lace articles								3,781	721	683	1,146	1,333	1,245
Embroideries								1,820	515	603	1,041	1,251	1,163
All other								1,553	162	18	16	4	(1)
Ribbons, n. e. s., braids, and narrow fabrics								409	44	62	88	79	82
All other manufactures of silk								292	29	47	49	39	45
								1,225	237	273	327	241	188
O. Manufactures of rayon or other synthetic textiles													
Waste, noils, tops	1,000 lbs.	3,212	1,889	9,715	13,722	1,134	2,070	15,276	3,304	6,816	9,321	6,866	11,308
Filaments not over 30 inches long	do.		1,833	12,718	20,610	23,193	47,402	789	266	958	1,296	100	217
Other filaments, yarns, and threads, n. s. p. f.	1,000 lbs.	12,249	642	278	970	294	221	10,123	491	2,457	3,849	4,610	9,016
Bands, or strips, not over 1 inch wide	do.	48	94	46	27	33	36	46	84	24	15	19	19
Fabrics, woven and knit	do.	277	247	485	1,066	605	527	1,097	623	635	1,061	784	678
Wearing apparel								292	702	1,663	1,727	637	365
Handkerchiefs	thousands		38	139	73	174	49	17	15	5	10	27	2
All other manufactures								3,853	633	958	964	675	923
P. Miscellaneous textile products													
Straw or other fiber hats and materials													
Materials, including braids, etc., in part of rayon													
Other hat material	1,000 yds.		330,283	684,997	939,398	799,533	696,335	4,315	1,109	1,030	1,599	1,325	1,409
									442	483	826	944	1,937
Hats of straw, grass, etc.	thousands	30,307	32,401	29,834	34,500	25,851	28,248	10,611	6,211	4,696	5,399	4,070	3,837
Product of Philippine Islands	do.	634	489	390	543	371	168	1,416	454	312	463	285	110
Hats not blocked or trimmed													
Palm leaf, paper and straw	do.			10,976	12,353	8,667	10,253	5,394	5,156	2,923	3,447	2,491	2,593
Ramie and other	do.	7,645	18,935	4,370	4,024	4,018	4,001			1,112	1,072	911	821
Blocked or trimmed	do.			4	9	7	6			9	18	15	7
Sewed	do.	3,150	6	4	38	19	18	1,751	16	9	27	20	20
Harvest hats less than \$3 per dozen	do.	3,123	318	18	38	19	18	1,202	193	21	27	20	20
Hats, n. e. s., in part of rayon or other synthetic textile	thousands	15,751	12,613	14,076	17,502	12,797	13,752	845	361	318	370	348	272
		19	40	(1)	(1)	1	47	16	26	(1)	(1)	1	15

1 Less than 500.

2 June 18 to Dec. 31, 1930.

4 Average for years 1929 and 1930.

15 Average for years 1927-30.

["General imports," 1928 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 3.—TEXTILES—Continued</b>												
<b>P. Miscellaneous textile products—Continued.</b>												
Floor coverings, n. e. s.—												
Pile mats of cocoa fiber or rattan, 1,000 sq. ft.	4,005	1,609	822	850	453	592	406	117	66	72	40	50
Matting and mats of China, Japan, and India straw, 1,000 sq. yds.	2,081	1,559	3,431	1,815	1,047	752	256	97	207	115	69	51
Other floor coverings, n. e. s., 1,000 sq. yds.	4,093	2,514	2,485	4,250	2,751	5,230	992	348	653	1,284	793	1,059
Artificial flowers, etc., and manufactures							3,084	825	1,093	1,585	961	471
Body supporting garments							3,326	432	492	543	345	387
Mixed fabrics, 17 percent or more of wool, wool not chief value, 1,000 lbs.	2,56	69	112	122	56	103	3,91	80	124	159	81	116
Tracing cloths, 1,000 sq. yds.	2,296	1,091	1,547	1,755	974	1,363	1,200	529	822	956	521	708
Other coated or waterproof fabrics, do.	1,620	326	363	442	177	286	450	95	143	137	63	96
Linoleum, inlaid, do.	533	264	153	274	73	159	592	164	90	174	45	91
Other linoleum and floor oil cloth, do.	319	433	886	1,260	471	597	317	166	347	509	200	253
<b>GROUP 4.—WOOD AND PAPER</b>												
Total							358,780	198,057	249,357	306,469	234,690	260,268
<b>A. Wood, unmanufactured</b>												
Logs, 1,000 ft. b. m.			101,630	166,055	190,255	233,412	15,272	4,761	6,416	8,786	7,661	8,254
Softwood, do.			68,870	126,105	154,232	200,079	9,171	2,296	3,360	4,845	4,650	4,997
Hardwood, do.			2,644	2,545	1,227	1,378	3,263	1,225	666	1,516	1,642	2,292
Cabinet woods—									59	73	54	34
Product of Philippine Islands												
1,000 ft. b. m.	5,047	752	991	1,779	2,084	621	208	29	63	81	58	17
Mahogany, do.	55,201	10,093	21,301	25,221	27,283	22,493	4,120	632	1,698	2,017	2,332	1,737
Cedar, Spanish, do.	4,870	975	711	1,434	1,320	1,523	317	50	56	84	90	109
All other, do.	9,761	3,440	7,113	8,971	4,109	7,318	1,263	360	318	1,075	474	807
Rattan, unmanufactured, 1,000 lbs.	9,384	5,756	7,906	7,719	4,782	5,165	715	314	384	372	276	266
Brier, ivy, or laurel root, thousands.		10 23,815	25,317	27,858	34,482	36,903	340	339	498	542	636	616
Poles—telegraph, telephone, etc., do.	859	232	323	427	330	376	3,525	764	863	1,326	1,083	1,158
Other round or hewn timber									176	211	138	151
Handlebolts, gunblocks, etc.									443	483	116	128
Bamboo and similar woods suitable for umbrellas, fishing rods, etc.							1,521	1,050				
Other unmanufactured wood									215	300	265	276
									477	656	497	663

B. Wood semimanufactures—sawmill products													
	1,000 ft. b. m.	1,808, 731	454, 082	872, 045	698, 104	538, 980	718, 283	44, 503	10, 528	17, 171	20, 806	14, 434	20, 060
Sawed boards and lumber, n. e. s.—													
Softwood	do	1,469, 443	396, 545	562, 879	547, 327	445, 980	605, 541	38, 020	8, 370	12, 689	13, 817	10, 195	15, 049
Fir and hemlock	do		<sup>1a</sup> 35, 931	150, 566	140, 555	168, 936	163, 353		<sup>1a</sup> 644	2, 384	2, 866	2, 741	2, 364
Spruce	do		<sup>1a</sup> 171, 195	305, 306	308, 106	192, 030	287, 105		<sup>1a</sup> 3, 888	7, 133	8, 047	6, 611	6, 655
Pine	do		<sup>1a</sup> 94, 600	32, 085	84, 289	61, 357	111, 924		<sup>1a</sup> 2, 191	2, 415	2, 465	1, 748	3, 203
Other	do			14, 922	14, 377	23, 657	43, 159			757	439	1, 094	2, 328
Hardwood	do	69, 679	23, 044	53, 922	69, 196	39, 564	68, 292	3, 833	887	2, 119	3, 107	1, 775	3, 048
Railroad ties, sawed	do	<sup>10d</sup> 33, 880	11, 422	9, 781	11, 475	9, 866	10, 465	<sup>10d</sup> 778	260	219	254	283	303
Box shooks and empty packing boxes <sup>10f</sup>	do						646						18
Cabinet woods, sawed or planed—													
Product of Philippine Islands	do	31, 150	16, 696	30, 531	35, 727	20, 907	21, 956	1, 469	653	1, 131	1, 416	826	846
Other cabinet woods, sawed	do	4, 184	4, 902	7, 731	9, 163	9, 471	11, 383	339	301	526	719	632	786
Clapboards (siding)	do	<sup>3</sup> 1, 976	1, 473	7, 231	25, 216	<sup>10e</sup> 13, 194		<sup>3</sup> 80	57	487	1, 492	<sup>10e</sup> 723	
C. Wood manufactures.													
Barrels, boxes, and kegs <sup>10f</sup>	thousands						265	23, 178	9, 226	11, 385	12, 880	9, 542	12, 348
Veneers and plywoods	1,000 sq. ft.	<sup>3</sup> 1, 341	4, 701	5, 914	13, 663	8, 604	12, 250	<sup>3</sup> 43	83	171	239	102	116
Laths	millions	1, 209	249	270	250	161	176	5, 650	641	927	1, 016	510	528
Shingles	1,000 squares	<sup>17</sup> 2, 360	1, 696	2, 365	2, 020	1, 847	2, 820	6, 853	3, 925	6, 057	5, 803	5, 030	7, 925
Pickets and palings								491	184	88	296	243	247
Baskets	thousands	12, 850	9, 891	12, 837	18, 576	10, 085	11, 830	1, 038	423	560	743	480	476
Cane or reed and manufactured rattan	1,000 lbs.	4, 011	1, 714					422	132	157	209	133	115
Osier or willow for basket making	do	670	187	146	182	150	178	38	6	6	8	7	6
Manufactures of rattan, bamboo, osier, or willow (except furniture)								242	136	218	287	168	182
Furniture of rattan, reed, bamboo, grass, osier, willow, or fiber								282	89	82	94	83	85
Chairs, except bentwood	thousands		27	44	68	42	59	4, 489	149	144	212	136	218
Bentwood furniture									283	443	528	332	280
Wood furniture, n. e. s.									729	620	1, 037	644	561
Mfrs. of wood, product of Philippine Islands								73	26	79	170	148	181
Other manufactures of wood								3, 254	1, 342	1, 705	2, 120	1, 450	1, 404
D. Cork and manufactures.													
Wood or bark, unmanufactured	1,000 lbs.	100, 723	63, 122	74, 860	115, 448	48, 383	63, 403	10, 104	3, 379	5, 352	9, 125	3, 711	4, 409
Waste, shavings, etc.	do	139, 412	80, 210	141, 530	207, 449	109, 998	164, 171	3, 209	1, 212	2, 226	3, 820	1, 346	1, 566
Disks, wafers, and washers	do	633	87	67	91	68	56	507	71	60	69	48	42
Cork insulation								2, 636	123	1	76	1	1
Cork stoppers	1,000 lbs.	394	238	255	263	149	272	416	175	196	206	139	194
Other cork manufactures								356	187	516	258	179	81

<sup>3</sup> June 18 to Dec. 31, 1930.

<sup>4a</sup> Average for years 1933-35.

<sup>10b</sup> Includes a relatively small amount of round and hewn timber.

<sup>10c</sup> 1935 only.

<sup>10d</sup> Includes a relatively small amount of hewn railroad ties.

<sup>10e</sup> January 1 to June 30; beginning July 1933, clapboards are included in the various classes of sawed boards and lumber.

<sup>10f</sup> Shooks included in barrels and boxes prior to 1930.

<sup>17</sup> Thousands of shingles have been converted to squares on the basis of 800 shingles to a square.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 4.—WOOD AND PAPER—Continued</b>												
<b>E. Paper base stocks</b>												
Pulp woods.....1,000 cords.....	1,492	880	1,210	1,523	1,294	1,131	114,498	69,636	98,920	117,852	86,366	88,425
Rough spruce.....do.....	409	133	142	197	147	166	15,686	7,443	9,482	12,393	11,688	9,437
Other rough.....do.....		8	59	77	144	71	4,076	1,131	1,102	1,558	1,177	1,463
Peeled spruce.....do.....		597	799	1,014	787	695		44	360	461	1,053	439
Other peeled.....do.....	1,029	134	178	172	163	127	10,910	5,322	6,739	8,926	7,501	6,383
Rosset.....do.....		53	32	24	16	27		830	903	1,076	1,031	809
Chipped.....do.....				38	32	44	700	70	377	290	223	284
Wood pulp.....tons of 2,000 lbs. <sup>17a</sup> .....	1,584,480	1,605,532	2,377,500	2,394,608	1,710,518	2,026,441	86,044	59,544	82,837	98,289	72,778	76,892
Mechanically ground.....do.....	244,866	180,617	227,778	218,422	158,865	227,768	6,615	3,499	4,051	4,342	3,601	5,211
Unbleached.....do.....		167,465	206,844	203,415	151,596	227,768		3,248	3,689	4,022	3,430	5,211
Bleached.....do.....		13,152	20,934	15,007	7,269			251	362	320	170	
Sulphite wood pulp—												
Unbleached.....do.....	649,989	597,468	786,720	919,680	688,322	661,193	34,481	21,162	26,779	34,663	26,883	23,396
Bleached.....do.....	314,199	363,313	512,168	511,961	337,659	474,109	23,866	18,829	25,325	29,443	20,103	24,262
Soda pulp.....do.....	1,932	4,855	12,737	10,327	9,405	8,952	126	217	566	536	464	408
Sulphate wood pulp—												
Unbleached (kraft).....do.....	359,755	414,758	635,722	622,390	426,089	546,167	20,004	12,810	19,772	22,272	16,264	16,969
Bleached.....do.....	15,285	44,521	102,375	111,825	90,173	108,252	1,052	3,027	5,844	7,013	5,464	6,644
Other pulp.....do.....	4,472	230	329	160	41	204	329	24	55	29	8	30
Rags for paper stock.....1,000 lbs.....	406,573	135,506	275,893	244,325	80,028	114,482	8,224	1,559	4,673	4,475	1,265	1,257
Other paper stock.....do.....	215,975	88,725	105,436	116,742	78,356	118,359	4,213	1,061	1,874	2,686	1,277	1,810
<b>F. Paper and manufactures</b>												
Printing paper—							151,219	95,523	110,113	137,071	112,975	126,783
Standard newsprint.....1,000 lbs.....	4,278,903	4,098,236	5,503,161	6,634,048	4,549,206	5,230,257	134,239	84,785	96,719	122,529	101,456	115,716
All other, n. e. s.....do.....	8,219	6,037	21,056	30,814	19,017	26,815	405	139	455	715	533	730
Grease-proof and waterproof papers.....do.....	1,584	474	1,003	1,460	796	679	326	84	148	211	140	166
Kraft wrapping paper.....do.....	9,842	10,457	48,167	33,221	26,601	25,470	418	356	1,536	1,177	1,014	875
Other wrapping paper.....do.....	8,870	1,984	2,459	2,956	1,946	3,761	292	77	71	76	60	145
Writing, letter, drawing, etc., papers.....do.....	3,384	1,729	1,499	1,537	968	1,032	869	335	379	445	284	283
Writing paper and envelope combinations.....do.....							263	86	34	71	45	29
Surface-coated.....1,000 lbs.....	2,197	1,327	1,665	1,756	1,434	649	916	510	551	723	567	283
Uncoated papers, decorated or embossed.....do.....	92	58	33	21	33	34	29	17	18	14	14	12
Tissue and similar paper.....do.....	3,551	1,676	1,956	2,248	1,378	1,338	1,935	782	849	1,126	811	935
Pulp board in rolls.....do.....	57,041	18,482	21,739	22,884	14,734	20,171	1,307	337	417	489	290	347
Paperboard, pulpboard, cardboard, and leatherboard—												
Not plate finished.....1,000 lbs.....												
Plate finished.....do.....	20,054	21,718	39,736	47,373	34,197	32,958	649	518	805	1,057	825	721
Paper, paperboard, pulpboard, cardboard, and leatherboard, embossed, cut into shapes, etc., and tests boards, and pressboard.....1,000 lbs.....			3,602	4,050	3,261	3,410			86	109	94	88
			427	656	331	293			38	36	23	24

FOREIGN COMMERCE

Cigarette paper, cigarette books and covers	1,000 lbs.	12,241	17,107	16,612	17,230	16,559	16,856	3,618	4,273	4,346	4,227	4,165	3,922
Hanging paper (wall paper)	do.	2,614	459	5,619	6,748	681	482	651	139	319	441	164	168
Duplex decalcomania, not printed	do.	621	394	744	735	419	813	147	79	155	159	88	163
Boxes of paper, papier-mâché, or paper board	1,000 lbs.			820	872	502		1,435	670	413	420	237	194
Manufactures of pulp or papier-mâché, n. e. s.								461	341	374	449	372	330
All other paper and manufactures								3,492	1,996	2,401	2,595	1,793	1,654
<b>GROUP 5.—NONMETALLIC MINERALS</b>													
<b>Total</b>								<b>280,241</b>	<b>101,276</b>	<b>126,517</b>	<b>153,114</b>	<b>109,608</b>	<b>136,924</b>
<b>A. Coal and related fuels</b>													
Anthracite coal	tons of 2,240 lbs.	442,799	491,256	548,785	353,337	324,013	266,208	7,372	5,278	8,315	4,795	4,468	4,813
Bituminous coal and shale	do.	422,163	174,732	223,213	195,947	165,079	255,503	3,626	3,459	3,574	2,032	2,350	1,859
Slack and culm and lignite	do.			19,459	34,407	50,372	61,564	2,091	837	949	792	722	1,228
Coke	do.	152,412	153,568	294,606	255,682	120,750	126,706	1,361	797	1,636	1,780	1,094	1,387
Charcoal, briquets, etc.								492	186	110	70	107	50
<b>B. Petroleum and products</b>													
Crude petroleum—								132,794	50,990	40,570	44,586	39,461	43,541
Bonded, for refining and export, or for supplies of vessels	1,000 bbls. of 42 gals.												
Other	do.	87,919	38,395	2,463	1,915	3,599	5,544	78,641	27,323	1,600	1,112	2,193	3,719
Refined oils	do.	23,779	23,902	30,494	25,395	22,449	28,502	51,788	22,298	21,648	19,649	16,407	19,570
Gasoline, motor fuel, naphtha, other finished light products and illuminating oil	1,000 bbls. of 42 gals.			25,460	32,683	27,837	27,350			16,535	22,104	19,634	13,699
Gas oil and distillate fuel oil, including Diesel—		8,248	4,478	2	4	4	139	36,638	10,623	5	14	14	281
For manufacture in bond and export	1,000 bbls. of 42 gals.			608	564	683	498			511	477	853	558
Other	do.			189	263	168	186			209	317	217	211
Residual fuel oil <sup>17b</sup>													
For supplies of vessels	do.	15,508	19,409	17,909	24,494	19,553	15,502	14,835	11,459	10,145	15,256	11,607	8,725
Other	do.			6,742	7,356	7,419	2,213			5,572	5,921	6,844	1,476
Unfinished oils for further processing, including topped crude—													
For manufacture in bond and export	1,000 bbls. of 42 gals.												
Other	do.						3,022						2,627
Lubricating oils, including paraffin oil	do.	24	14	10	12	11	5,779	314	216	92	118	99	4,704
Paraffin, paraffin wax, and similar products	1,000 lbs.	25,290	31,827	15,728	36,350	28,452	38,347	1,472	965	471	1,065	809	1,002
Petroleum asphalt, including cutbacks and road oil <sup>17c</sup>	1,000 bbls. of 42 gals.				345	54					260	39	
Asphaltum and bituminous (natural)	tons of 2,240 lbs.	106,167	33,125	19,284	25,592	21,112	65,935	893	404	316	396	378	552

<sup>2</sup> Average for years 1928-30.<sup>3</sup> June 18 to Dec. 31, 1930.<sup>4</sup> 1930 only.<sup>17a</sup> Tons of 2,000 pounds, air-dry weight, beginning 1935; previously ton of 2,240 pounds.<sup>17b</sup> Includes gas oil and distillate fuel oil prior to 1936, unfinished oils prior to 1939; oils imported for manufacture and exported are included with supplies of vessels.<sup>17c</sup> Included in unfinished oils prior to 1937.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 5.—NONMETALLIC MINERALS—Continued</b>												
<b>C. Stone, sand, cement, and lime</b>												
Marble, breccia, and onyx—							8,400	2,050	3,242	3,846	3,558	4,275
In blocks, or sawed over 2 inches thick												
1,000 cu. ft.	777	104	61	75	55	74	1,884	283	258	298	198	237
Manufactures							760	152	103	137	104	99
Granite, 1,000 cu. ft.		68					\$159	155	151	240	250	166
Other building or monumental stone, n. e. s.							281	281	319	328	287	230
Other stone, n. e. s.							256	103	109	333	379	351
Cement, Roman, Portland, and other hydraulic, 1,000 bbls. <sup>18</sup>	2,055	462	1,468	1,809	1,728	1,914	2,852	455	1,517	1,449	1,450	1,866
Lime, 1,000 lbs.	57,842	25,013	18,408	17,575	13,636	15,388	357	107	87	91	66	72
Gypsum or plaster rock—												
Crude, tons of 2,240 lbs.	825,046	403,193	604,455	801,325	704,842	1,167,927	1,153	454	657	855	772	1,174
Ground, calcined, cements, and other manufactures							193	60	61	109	70	80
<b>D. Glass and glass products</b>												
Cylinder, crown and sheet—							15,203	4,577	6,340	10,173	6,528	5,156
Plain, 1,000 lbs.	62,692	4,286	12,646	46,056	23,755	26,584	2,253	156	322	1,238	653	635
Bent, beveled, colored, etc., do.		1,020	1,696	2,243	1,293	1,191	482	137	191	266	181	158
Plate glass, 1,000 sq. ft.	15,935	1,396	363	2,120	502	319	4,234	324	90	738	115	75
Rolled glass, ground, obscured, bent, beveled, colored, etc.							29	57	49	97	53	50
Laminated glass and manufactures, and plated or cased glass							14	8	196	606	123	56
Bottles, vials, jars, and other containers							428	618	655	719	566	323
Scientific articles and utensils							553	284	270	279	237	175
Tubes and rods							52	89	151	142	93	110
Bulbs for electric lamps (no filaments) thousands		6,628	1,183	1,004	686	913	4,999	60	20	14	18	20
Other blown and pressed glassware							1,823	3,204	4,279	3,091	2,350	
Illuminating articles							877	402	663	609	374	
Other glass and glassware							1,357	777	790	1,131	788	829
<b>E. Clay and clay products</b>												
Clays and earths—							23,824	8,205	10,213	12,542	8,094	8,458
Kaolin, china, and paper clay												
tons of 2,240 lbs.	278,349	106,095	124,819	130,824	75,161	102,407	2,856	773	1,111	1,211	754	1,016
do.	56,003	13,820	22,772	33,092	17,520	14,555	555	162	256	398	288	177
Other clays and earths							674	636	855	831	430	431

Pottery								18,060	8,498	7,829	8,823	6,525	6,748
China and porcelain wares—													
Tableware, kitchen ware, and utensils—													
Domestic or household.....1,000 doz.	9,014	5,096 48	5,238 34	6,147 38	3,479 32	3,566 17	9,412	2,665 77	3,173 50	4,239 57	2,720 46	2,598 18	6,748 925
Hotel and restaurant.....do.													
Other china and porcelain													
Earthen, crockery, and stone ware—													
Table, toilet, and kitchen ware—													
Domestic or household.....1,000 doz.	4,859	3,353 60	4,520 44	4,931 61	2,439 24	2,852 27	5,426	2,117 54	2,712 40	2,851 54	1,753 23	2,021 23	6,748 925
Hotel ware, plain or decorated.....do.													
Other earthenware.....do.													
Common earthen and stone and Rockingham earthenware.....		974	1,484	1,899	1,269	1,511	1,784	675	896	1,313	971	1,037	
Tiles.....1,000 sq. ft. <sup>18a</sup>	5,387	917	2,374	2,170	1,368	1,117	1,108	106	112	124	41	38	
Bricks.....							1,569	35	50	55	56	48	
<b>F. Other nonmetallic minerals.....</b>							<b>23,608</b>	<b>11,177</b>	<b>20,691</b>	<b>26,680</b>	<b>14,983</b>	<b>20,189</b>	
Chalk—													
Unmanufactured.....tons of 2,240 lbs.	103,477	79,131	79,099	105,139	66,817	59,653	124	101	105	137	90	78	
Manufactures.....1,000 lbs.	7,276	26	37	21	9	11	103	3	4	4	5	1	
Earthy and mineral substances and articles, n. e. s.							752	628	1,151	1,200	617	438	
Abrasives.....							4,040	2,531	5,047	6,281	3,327	4,116	
Natural abrasives—													
Corundum ore.....tons of 2,240 lbs.	2,707	1,640	4,277	1,862	1,873	1,754	163	108	290	135	139	105	
Emery ore.....do.	4,544	2,136	5,551	4,783	426	1,956	101	31	78	88	8	29	
Fumice stone and manufactures.....							132	77	85	92	55	66	
Flint, unground.....tons of 2,240 lbs.	11,947	5,109	8,848	11,989	7,294	10,703	109	45	91	118	74	116	
Other natural abrasives.....								114	82	236	142	83	
Artificial abrasives, crude.....1,000 lbs.	19 116,825	80,243	154,522	202,846	102,356	126,730	3,129	1,969	4,119	5,311	2,729	3,428	
Other abrasives and manufactures.....							405	188	303	302	177	289	
Asbestos—													
Crude (including blue fiber)													
tons of 2,240 lbs.	211,253	3,122 41,243	7,064 71,128	12,791 92,648	7,004 50,305	13,076 67,966	8,706	462 2,027	1,158 3,790	1,926 5,139	1,112 2,960	1,872 4,488	
do.													
Stucco and other unmanufactured.....do.													
Manufactures.....		69,845	139,310	168,836	102,950	135,530	1,126	74	74	86	59	58	
Carbon and manufactures							507	213	231	224	169	161	
Cryolite or kroyolith.....tons of 2,240 lbs.	7,132	5,716	12,616	10,690	12,115	10,210	573	439	1,077	1,482	786	712	
Mica—													
Unmanufactured.....1,000 lbs.	1,590	5,130	8,646	14,451	9,292	9,461	494	169	262	353	142	301	
Mica, cut or split.....do.	4,077	1,769 213	4,526 183	8,072 155	2,023 207	2,754 345	1,324	339 12	900 43	1,670 65	490 32	727 32	
Manufactures.....do.													
Pyrites, or sulphuret of iron, more than 25 percent sulphur.....1,000 tons of 2,240 lbs.	391	348	429	524	334	482	1,038	1,175	1,431	1,344	846	1,315	
Talc, steatite, and French chalk and manufactures, except toilet preparations.....1,000 lbs.	53,174	44,008	49,040	53,753	44,254	52,535	573	421	457	473	391	453	

<sup>18</sup> June 18 to Dec. 31, 1930.<sup>18</sup> Barrels of 376 pounds.<sup>18a</sup> Not including square feet of articles of tiles or tiling.<sup>18</sup> Average for years 1926-29.



["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 5.—NONMETALLIC MINERALS—Continued</b>												
<b>F. Other nonmetallic minerals—Continued.</b>												
Magnesite—												
Crude and calcined.....1,000 lbs..	17, 234	3, 928	4, 509	5, 665	2, 977	5, 572	189	40	51	63	40	57
Dead burned and grain.....do.	111, 025	39, 625	85, 217	112, 041	49, 981	38, 839	813	315	663	795	372	801
Salt—												
Bonded, used in curing fish.....do.	100, 311	80, 746	43, 421	42, 159	42, 021	30, 923	166	92	44	45	48	28
Other.....do.			58, 660	49, 833	37, 006	61, 144			68	38	54	74
Graphite or plumbago.....do.	36, 861	22, 656	48, 343	59, 186	34, 010	43, 901	829	327	567	752	372	425
Mineral wax.....do.	9, 811	6, 766	7, 394	8, 177	6, 297	8, 011	598	509	839	936	693	836
Other nonmetallic minerals, n. e. s.....do.							1, 652	128	153	232	293	463
<b>G. Precious stones and imitations.</b>												
Diamonds—							68, 836	18, 997	38, 146	50, 494	32, 518	50, 214
Rough, uncut.....carats..	265, 862	54, 526	97, 677	97, 219	91, 515	153, 982	10, 399	2, 792	6, 231	7, 730	7, 077	7, 956
Cut, but not set.....do.	430, 743	220, 543	445, 610	517, 677	330, 925	488, 154	39, 954	10, 713	22, 708	29, 860	17, 017	27, 417
For glaziers, engravers, and miners, not set carats..	61, 474	426, 551	1, 166, 094	1, 885, 970	1, 396, 247	3, 568, 730	2, 734	2, 376	4, 329	6, 542	4, 213	9, 726
Other precious stones—							6, 354	743	744	1, 105	470	578
Rough, uncut.....do.							272	133	86	180	117	130
Cut, but not set.....do.							6, 036	962	2, 342	3, 020	1, 699	2, 299
Imitations, except opaque.....do.							3, 065	1, 188	1, 635	1, 985	1, 762	2, 018
Imitations, opaque, including imitation pearls.....do.								22	39	25	19	31
Marcasites.....do.							108	67	33	46	143	59
<b>GROUP 6.—METALS AND MANUFACTURES, EXCEPT MACHINERY AND VEHICLES</b>												
Total.....do.							384, 072	128, 774	206, 750	280, 780	158, 730	227, 272
<b>A. Iron ore and concentrates, 1,000 tons of 2,240 lbs..</b>												
	2, 709	1, 168	2, 232	2, 442	2, 123	2, 413	6, 726	2, 837	5, 280	5, 842	5, 288	5, 866
<b>B. Iron and steel semimanufactures</b>												
Granular or sponge iron.....tons of 2,240 lbs..	81	556	1, 950	1, 872	519	1, 879	11, 089	4, 652	8, 444	7, 895	3, 138	3, 453
Pig iron.....do.	200, 766	118, 984	165, 808	111, 697	30, 400	38, 592	3, 280	1, 394	2, 336	1, 701	598	663
Scrap and scale.....do.	65, 642	38, 275	142, 245	81, 640	24, 451	29, 492	918	298	1, 520	1, 153	281	302
Steel bars.....1,000 lbs..	164, 372	100, 366	103, 293	113, 394	47, 700	46, 550	3, 606	1, 442	2, 103	2, 740	1, 306	1, 180
Bar iron.....do.	7, 437	2, 040	3, 188	4, 383	1, 129	2, 085	188	49	83	142	29	76

Wire rods.....do.....	32,192	25,009	42,361	35,435	11,827	23,949	877	689	1,261	1,361	410	929
Boiler or other plate iron and steel.....do.....	9,919	1,067	944	477	796	62	140	18	13	10	19	14
Steel ingots, blooms, slabs, billets, die blocks, etc.....1,000 lbs.....	51,405	12,401	2,829	5,172	1,913	1,866	959	176	127	267	105	103
Sheet iron and steel, saw plates and steel, n. e. s.....1,000 lbs.....	43,440	28,071	50,649	19,712	13,589	3,150	964	400	885	383	334	94
Tin plate, torneplate, and taggers tin.....do.....	2,102	3,591	521	552	244	221	156	127	62	72	32	25
<b>C. Steel-mill products—manufactures.....</b>												
Structural iron and steel.....1,000 lbs.....	320,440	91,749	137,949	175,332	88,757	88,553	17,309	7,507	13,068	18,924	10,782	10,588
Rails for railways.....do.....	44,454	11,561	17,401	18,587	8,117	17,437	4,895	1,083	1,843	2,598	1,495	1,352
Pipes and tubes.....do.....	214,007	29,091	81,114	103,454	68,815	72,639	5,471	1,173	3,005	4,165	2,541	2,691
Cast-iron pipe.....do.....	129,455	3,578	2,503	8,284	3,625	4,124	1,707	45	75	210	59	70
Other pipes and tubes.....do.....	84,552	25,513	78,611	95,169	65,189	68,515	3,764	1,127	2,930	3,955	2,481	2,621
Wire and manufactures.....do.....												
Barbed wire.....do.....	10,483	30,134	34,130	37,332	28,062	34,158	270	625	865	868	720	927
Round wire.....do.....	10,328	6,274	11,119	10,900	3,771	5,627	720	371	744	853	318	510
Telegraph, telephone, and other insulated wire.....1,000 lbs.....		100	80	76	60	19	63	12	9	10	14	3
Flat wire and steel strips, n. e. s.....do.....	5,403	3,014	6,466	9,033	6,038	7,063	1,638	751	1,642	2,137	1,627	1,728
Card clothing.....1,000 sq. ft.....	259	161	319	342	168	250	413	197	431	527	287	372
Wire rope and strand.....1,000 lbs.....	5,018	4,086	5,420	7,947	4,526	3,725	2,402	270	389	549	376	291
Other wire manufactures.....do.....							903	551	593	824	471	361
Hoop or band iron or steel for baling.....1,000 lbs.....	42,073	17,058	5,456	3,609	21,062	17,124	2,799	248	96	77	406	314
Hoop, band, or scroll iron and steel, n. e. s.....1,000 lbs.....	21,905	40,981	52,158	57,384	37,472	35,897	3,996	574	761	896	645	595
Nails.....do.....	16,254	24,097	46,877	33,671	17,021	16,324	549	768	1,391	1,087	650	568
Castings and forgings.....do.....	5,557	3,093	3,319	10,273	8,545	2,573	345	202	269	592	428	159
Tanks, drums, or vessels for gas or liquids.....number.....	181,238	240,667	437,073	353,794	244,296	200,162	685	519	854	797	665	521
Autoclaves, converters, separators, stills, ovens, etc., and parts.....do.....							67	22	1	3	6	2
<b>D. Iron and steel, advanced manufactures.....</b>							6,973	2,773	3,594	4,010	2,631	2,481
<b>Cutlery—</b>												
Razors and parts.....thousands.....	47,780	806	449	304	290		492	134	204	172	104	169
Scissors, shears, and clippers.....do.....	1,429	651	238	266	141	143	285	104	101	112	70	74
Folding-blade knives.....do.....	3,829	1,070	1,336	770	427	184	202	43	63	55	34	29
Other cutlery.....do.....	1,215	3,089	4,220	4,126	3,136	1,306	429	292	462	603	389	387
Enameled or glazed ware and utensils.....pounds.....	1,004	535	834	901	563	276	237	111	126	161	121	66
Tools.....do.....							861	749	967	1,185	731	669
Needles, hand, sewing, and darning.....millions.....	749	828	848	970	709	723	830	538	623	666	492	539
Other needles.....do.....							231	216	290	259	186	181
Other advanced manufactures.....do.....							3,406	587	748	797	504	366
<b>E. Ferro-alloys</b>							18,463	9,246	20,640	27,207	18,046	21,975
<b>Manganese ore—</b>												
Product of—												
Cuba { Gross weight.....tons of 2,240 lbs.....	6,201	29,302	37,911	122,937	131,422	105,936	98	446	522	2,186	2,242	1,690
{ Manganese content.....do.....	2,156	14,568	17,472	56,384	61,534	51,718						

<sup>1</sup> Average for years 1928-30.

<sup>2</sup> June 18 to Dec. 31, 1930.

<sup>3</sup> Average for years 1927-30.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 6.—METALS, ETC.—Continued</b>												
<b>E. Ferro-alloys—Continued.</b>												
Manganese ore—Continued.												
Other manganese ore (manganese content) tons of 2,240 lbs.	291,335	144,636	398,276	408,330	181,323	270,990	7,878	2,967	8,298	8,530	4,804	6,939
Ferromanganese and other alloys (manganese content)..... tons of 2,240 lbs.	45,347	21,003	30,733	23,925	21,138	33,452	4,632	1,677	2,270	2,166	1,780	2,946
Chromite ore or chromite (gross weight)..... do.	260,515	173,909	324,258	553,916	352,085	317,511	2,268	2,450	4,432	7,324	4,855	3,815
(Chromic oxide content)..... do.		79,391	141,198	247,056	163,570	134,891						
Chromium and alloys.....1,000 lbs.	1,139	290	285	756	359	418	126	60	88	155	78	99
Ferrosilicon and other silicon alloys.....do.	17,896	2,506	5,584	10,836	4,097	7,561	1,019	174	349	791	285	584
Tungsten—												
Ore and concentrates bonded for smelting, refining, and export (tungsten content) 1,000 lbs.	3,642	951	579	503	829	590	1,184	318	200	320	805	415
Other ore and concentrates (tungsten content).....1,000 lbs.			3,586	5,561	163	1,485			1,530	2,940	139	998
Tungsten and combinations (tungsten content).....1,000 lbs.			180	134	23	40						
Other ferro-alloying metals.....		72						46	147	134	33	47
Vanadium ore..... tons of 2,240 lbs.	5,609	398	1,667	6,610	8,912	14,012	682	678	1,502	697	711	1,517
Other ores of ferro-alloying metals...1,000 lbs.	4,982	134,017	299,405	365,624	474,174	581,985	43	394	1,147	1,325	1,421	1,334
<b>F. Nonferrous metals, except precious.</b>												
Aluminum												
Bauxite, crude..... tons of 2,240 lbs.	356,841	205,654	322,790	507,423	455,693	520,179	1,611	1,218	2,371	3,609	3,521	3,765
Metal, scrap.....1,000 lbs.	51,576	15,267	25,159	44,702	17,512	28,060	10,714	2,707	4,073	6,770	2,431	3,251
Manufactures:												
Plates, sheets, bars, etc.....do.	125	179	404	476	228	613	30	46	92	112	61	134
Wares and utensils.....do.	139	105	78	86	37	27	72	53	47	49	24	16
Other manufactures.....							654	472	969	1,246	864	1,365
Copper (copper content).....1,000 lbs. <sup>a</sup>	815,078	422,231	367,578	454,958	411,437	481,338	108,243	29,662	29,884	52,562	37,872	44,230
For smelting, refining, and export.....do.	815,078	422,231	319,968	395,944	370,971	429,959	108,243	29,662	26,459	45,936	34,438	41,394
Other.....do.			47,608	59,014	40,466	31,380			3,426	6,226	3,434	2,836
Ore and concentrates:												
For refining and export.....do.	160,237	62,336	42,269	25,523	34,205	23,206	18,951	4,014	3,451	2,718	3,337	2,245
Other.....do.			20,877	28,746	21,069	14,423			1,261	2,806	1,638	1,137
Regulus, black or coarse copper and cement copper:												
For refining and export.....1,000 lbs.	2,594	53,578	1,861	3,164	3,066	1,058	301	3,766	151	370	306	102
Other.....do.			6	80	103	161			(1)	12	10	18

Unrefined, black, blister and converter copper in pigs or bars:																				
For refining and export.....1,000 lbs.	526,444	225,596	{ 261,740 785	{ 354,492 1,068	{ 326,802 495	{ 394,951 11,393	{ 70,841	{ 15,682	{ 21,616 63	{ 41,434 115	{ 30,079 44	{ 37,961 961								
Other.....do.....																				
Refined copper:																				
For manufacture and export.....do.....	115,760	79,179	{ 9,330 24,353	{ 879 29,001	{ 1,244 18,798	{ 2,540 5,139	{ 16,841	{ 6,005	{ 799 1,855	{ 71 3,523	{ 130 1,624	{ 263 552								
Other.....do.....																				
Scrap, scale, and clippings:																				
For manufacture and export.....do.....	10,042	1,543	{ 4,769 1,638	{ 11,886 119	{ 5,654 (?)	{ 8,204 264	{ 1,088	{ 77	{ 442 133	{ 1,342 11	{ 586 (?)	{ 822 23								
Other copper and copper manufactures, n. e. s.....																				
Brass and bronze, and manufactures:																				
Old brass, etc., for remanufacture (gross weight).....1,000 lbs.	9,993	1,577		1																
Brass manufactures.....																				
Bronze manufactures.....																				
Lead (lead content) <sup>21</sup> .....1,000 lbs. <sup>22</sup>	267,480	83,188	32,367	32,599	73,375	191,472	15,181	1,952	833	1,526	2,113	7,228								
Ore and matte.....do.....	78,151	39,892	25,133	19,986	33,135	68,794	4,409	1,172	463	760	1,191	2,402								
Bullion or base bullion.....do.....	178,695	21,819	1,005	3,660	12,527	109,261	9,212	527	48	190	546	4,394								
Pigs, bars, old and scrap <sup>23</sup> .....do.....	6,005	790	4,686	8,366	6,760	12,695	420	23	123	280	156	287								
Babbitt metal, solder, etc. (lead content) <sup>24</sup> .....1,000 lbs.	1,345	251	141	355	153	91	684	140	112	214	127	96								
Type metal and anti-gross weight.....do.....	3,965	634	912	264	865	761														
Antimonial lead.....do.....	3,265	436	801	231	749	643														
Manufactures of lead, n. e. s. (except type metal).....																				
Nickel.....																				
Ore and matte.....1,000 lbs.	18,709	12,908	28,194	25,086	14,579	28,434	13,004	10,743	23,813	23,986	13,089	29,078								
Nickel oxide.....do.....	1,772	975	2,550	2,044	555	1,632	1,747	1,705	3,049	3,258	1,940	3,750								
Nickel and alloys in pigs, etc.....do.....	42,068	35,013	80,528	81,740	43,927	99,309	10,794	8,827	20,260	20,299	11,014	24,914								
Nickel in bars, plates, sheets, etc., and manufactures.....																				
Tin.....																				
Ore (tin content).....tons of 2,240 lbs.	194	50	179	151		500	116	26	95	133	(?)	418								
Bars, blocks, pigs, etc.....1,000 lbs.	176,571	120,442	170,305	197,377	111,395	157,029	88,943	43,811	75,451	104,235	44,860	70,591								
Zinc.....																				
Ore (zinc content) <sup>21</sup> .....do.....	26,657	11,253	3,946	6,994	10,787	34,702	1,118	235	85	188	428	1,610								
Blocks, pigs, etc., and old.....do.....	262	3,470	23,852	76,093	15,352	63,084	12	109	771	3,938	507	1,922								
Zinc sheets, dust, and other manufactures.....																				
Antimony.....																				
Ore (gross weight).....1,000 lbs.	5,839	18,320	60,972	84,605	39,623	41,999														
Antimony content.....do.....	3,394	6,319	21,091	27,636	16,044	18,896	268	229	1,200	1,775	1,095	1,132								
Needle or liquated and regulus or metal.....do.....	24,146	5,849	4,711	3,630	1,821	2,545														

<sup>1</sup> Less than 500.

<sup>16</sup> Average for years 1927-30.

<sup>22</sup> Not including pounds of copper manufactures, n. e. s.

<sup>21</sup> Imports are, in part, for refining and export.

<sup>23</sup> Not including pounds of lead manufactures, n. e. s.

<sup>24</sup> "Pigs and bars" prior to Jan. 1, 1927.

<sup>24</sup> "Scrap lead, Babbitt metal, solder, etc.," prior to Jan. 1, 1927.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS								
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939			
<b>GROUP 6.—METALS, ETC.—Continued</b>															
<b>F. Nonferrous metals, except precious—Continued.</b>															
Cobalt—															
Ore.....1,000 lbs.	711	783	1,040	587	450	611	1,138	470	78	44	32	54			
Metal.....do.			883	1,073	938	2,130			1,015	1,342	1,147	2,712			
Quicksilver or mercury.....do.			1,296	711	1,375	1,438			180	1,495	363	1,018	1,228	133	337
Other ores, metals, and alloys, n. e. s.										794	339	1,181	1,726	511	807
Manufactures of metals, n. e. s.							5,096	2,337	3,706	3,568	2,682	2,189			
<b>G. Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin</b>															
Gold and silver sweepings.....															
							19,308	5,947	8,741	10,503	6,770	11,963			
							259	304	(25a)	(25a)	(25a)	(25a)			
Platinum.....oz. troy	114,667	98,415	157,338	148,795	127,829	190,226	8,432	2,646	4,884	5,942	3,627	6,126			
Ores of platinum metal (platinum content)															
Grains, nuggets, sponge or scrap.....do.	494	390	2,204	1,186	3,263	5,943	43	9	72	43	72	138			
Ingots, bars, sheets or plates, etc.....do.	82,269	68,931	103,121	85,557	80,475	116,261	5,858	1,770	2,932	2,757	2,185	3,815			
Other manufactures of platinum, n. e. s.	31,904	29,094	52,013	62,052	44,091	68,022	2,531	866	1,881	3,142	1,371	2,173			
Platinum metals and native combinations—															
Iridium.....oz. troy	4,163	3,412	2,668	5,568	1,717	6,363	631	168	213	532	119	687			
Osmium and osmiridium.....do.	6,896	5,396	6,047	3,672	2,941	2,827	469	176	162	99	78	73			
Palladium.....do.	14,168	27,586	38,842	45,427	26,858	96,829	395	395	590	742	448	2,099			
Rhodium and ruthenium.....do.	2,706	2,462	5,537	3,461	1,841	10,382	106	70	146	103	95	896			
Jewelry and parts.....							2,950	424	233	428	515	465			
Metal articles and materials for personal use and adornment.....							1,343	122	219	349	296	167			
Rosaries, chaplets, and similar articles															
1,000 doz.....	3 166	290	409	540	526	358	3 80	126	181	250	245	184			
Lahn, tinsel threads, bullion, etc.....1,000 lbs.	1,263	373	524	447	393	294	1,353	561	824	603	431	295			
Braids, fabrics, laces, etc.....							1,827	313	329	374	278	177			
Other manufactures and plated articles.....							1,529	826	961	1,082	637	792			
<b>GROUP 7.—MACHINERY AND VEHICLES</b>															
<b>Total</b>															
							31,233	12,018	18,747	24,833	17,898	15,085			
<b>A. Electrical machinery and apparatus</b>															
Electric lamps—incandescent—															
Carbon filament.....thousands..	27,624	448	5	35	19	(1)	1,023	13	1	1	(1)	(1)			
Other.....do.	9,546	99,269	142,560	122,320	66,264	96,204	340	1,026	1,089	919	493	786			

Vacuum cleaners and parts <sup>25b</sup>									78	100	35	23		
Brass bases for electric-lamp bulbs, thousands									38	60	17	12		
Other electrical machinery and apparatus									1,108	1,251	1,473	1,170		
<b>B, C, D. Industrial, office, and printing machinery</b>									<b>18,804</b>	<b>6,424</b>	<b>10,130</b>	<b>13,190</b>	<b>9,596</b>	<b>7,973</b>
Engines and parts n. e. s.									584	276	508	1,083	564	699
Metal-working machine tools and parts									773	272	637	983	917	663
Textile machinery									6,068	1,432	2,057	2,973	2,396	2,347
Embroidery, lace, and lace-curtain machines and parts									123	114	211	177	168	154
Knitting machines and parts <sup>25c</sup>									3,547	441	656	888	1,094	1,171
Carding and other preparing, spinning, and twisting machinery and parts <sup>25d</sup>														
Cotton									781	251	640	740	430	675
Wool									413	106	122	220	110	312
Looms and parts									368	103	402	249	65	244
Rayon manufacturing machinery and parts									1,616	627	83	302	65	48
Other textile machinery and parts											135	401	473	41
Sewing machines and parts											334	466	166	253
Antifriction balls, rollers, and bearings									445	193	208	264	163	210
1,000 lbs.												1,216	739	493
Cream separators, over \$50 each, and other centrifugal machines and parts									1,039	440	825			
Other industrial, office, and printing machinery									9,678	3,688	5,605	6,339	4,613	3,402
<b>E. Agricultural machinery and implements</b>									<b>6,870</b>	<b>2,367</b>	<b>4,865</b>	<b>7,031</b>	<b>3,920</b>	<b>3,090</b>
Cream separators, not over \$50 each	number	27,554	9,515	25,730	23,945	19,450	18,611		597	187	540	475	415	510
Plows and cultivators	do	6,632	1,402	4,705	2,962	3,338	1,371		543	121	228	337	325	145
Tractors	do	28	817	2,374	2,562	701	232		14	439	1,154	1,379	294	100
Combines, headers, harvesters, and reapers	number	651	218	723	1,790	2,137	938		4,465	87	274	567	981	412
All other, including agricultural vehicles									5,340	1,534	2,669	4,274	1,905	1,923
<b>F. Automobiles and other vehicles, except agricultural</b>									<b>3,165</b>	<b>1,155</b>	<b>1,437</b>	<b>2,281</b>	<b>2,373</b>	<b>2,042</b>
Trucks, busses, and passenger automobiles	number	694	598	1,075	1,946	580	639		1,168	359	559	1,143	375	520
Parts of automobiles, except tires and glass									1,341	241	334	448	1,373	928
Airplanes, hydroplanes, etc.									44	48	58	94	42	39
Motor boats and parts									134	373	66	139	153	145
Other vehicles and parts									621	133	421	458	430	412

<sup>1</sup> Less than 500.

<sup>2</sup> June 18 to Dec. 31, 1930.

<sup>3</sup> Average for years 1929 and 1930.

<sup>4a</sup> Average for years 1933-35.

<sup>25b</sup> Average for years 1931 and 1932.

<sup>25c</sup> Gold and silver sweepings have been included since 1932 with imports of gold ore, bullion, and coin shown in tables 544 and 553.

<sup>25d</sup> Vacuum cleaners only prior to 1935.

<sup>25e</sup> Includes braiding and insulating machinery.

<sup>25d</sup> "Manufacturing machinery and parts" for cotton and wool prior to 1933 and for cotton, wool, jute, and other fibers, thereafter.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 8.—CHEMICALS AND RELATED PRODUCTS</b>												
Total							195, 811	66, 132	79, 984	102, 578	78, 022	79, 479
<b>A. Coal-tar chemicals</b>							21, 370	11, 063	15, 212	18, 349	15, 970	18, 942
Coal-tar products, crude—												
Dead or crocote oil..... 1,000 gals.	33, 608	30, 212	41, 384	58, 190	55, 392	51, 877	11, 802	2, 750	4, 566	6, 802	6, 316	5, 769
Other crude coal-tar products.....							1, 408	983	2, 072	2, 972	1, 754	1, 442
Intermediates												
Acids..... 1,000 lbs.	1, 415	463	538	560	1, 001	512	159	180	498	507	365	560
All other intermediates..... do.	1, 525	1, 406	1, 789	2, 251	1, 755	2, 155	1, 035	1, 305	1, 987	2, 198	1, 905	2, 507
Finished products—												
Colors, dyes, stains, color acids, and color bases, n. e. s..... 1,000 lbs.	5, 863	4, 583	3, 769	3, 381	3, 317	5, 133	6, 492	5, 473	5, 698	5, 201	5, 062	8, 058
Coal-tar medicinals..... do.	108	25	33	37	41	27	270	131	117	198	176	163
Other finished coal-tar products..... do.	85	96	145	228	116	316	210	241	274	471	392	443
<b>B. Medicinal and pharmaceutical preparations</b>							5, 573	3, 687	4, 895	4, 902	4, 329	5, 506
Quinine sulphate..... 1,000 oz.	1, 805	1, 320	1, 565	1, 340	977	1, 386	668	508	765	677	515	740
Other quinine and alkaloids and salts from cinchona bark..... 1,000 oz.	1, 125	1, 303	2, 180	2, 625	1, 609	2, 319	403	362	545	534	370	652
Antitoxins, serums, vaccines, etc., and blistering beetles							240	146	25	154	78	110
Menthol..... 1,000 lbs.	337	333	342	459	406	407	8	3	4	5	1	2
Other medicinals							1, 469	740	831	1, 087	958	884
Preparations in capsules, pills, tablets, etc.							486	401	1, 168	885	1, 178	1, 557
All other preparations, n. e. s.							2, 300	1, 612	608	593	493	473
<b>C. Industrial chemicals</b>							29, 541	17, 553	20, 964	28, 455	16, 794	17, 631
Acetylene, butylene, ethylene, and propylene derivatives..... 1,000 lbs.	282	768	1, 652	2, 118	1, 202	1, 627	29	118	332	357	232	342
Acids and anhydrides—												
Arsenic acid or white arsenic..... do.	22, 124	21, 777	35, 172	38, 511	28, 476	29, 348	781	553	741	821	608	562
Formic..... do.	1, 937	205	655	844	588	522	143	13	53	67	41	28
Oxalic..... do.	1, 244	205	189	218	570	183	64	11	10	12	28	9
Sulphuric (oil of vitriol)..... do.	26, 852	1, 968	1, 986	2, 752	2, 780	4, 206	160	16	13	17	19	27
Tartaric..... do.	2, 293	950	360	327		116	611	180	50	52		25
Acetic or pyroligneous..... do.	25, 806	25, 388	28, 278	31, 633	6, 356	1, 439	1, 808	1, 518	1, 518	1, 696	338	60
All other..... do.	10, 430	1, 786	2, 488	3, 363	1, 087	4, 515	953	339	752	447	132	152
Alcohols, including fusel oil							379	14	6	2	(1)	1

Ammonium compounds—													
Chloride (muriate).....	1,000 lbs.	11,461	6,084	9,283	8,448	6,782	8,487	394	154	218	203	160	191
Nitrate.....	do.	10,079	5,930	3,390	6,444	3,330	2,125	395	120	43	72	46	31
All other.....	do.	1,201	539	747	713	633	1,150	60	46	84	93	66	108
Barium compounds.....													
Calcium compounds, n. e. s.....	do.	13,772	2,286	1,675	1,681	962	1,053	203	65	58	58	43	40
Cellulose products, n. e. s.....	do.	6,915	552	1,359	1,508	755	2,631	265	14	40	39	22	74
Camphor: Natural, crude.....	do.	2,667	1,999	2,286	1,912	784	1,157	1,123	541	187	181	132	65
Natural, refined.....	do.	1,258	1,293	1,049	1,010	719	818	706	490	470	406	329	329
Synthetic.....	do.	2,901	1,147	1,967	1,828	564	528	1,171	359	637	643	207	213
Cobalt oxide.....	do.	394	400	814	843	373	681	787	357	886	1,059	519	945
Copper sulphate (blue vitriol), gross wgt. do.	do.	3,901	1,209	4	33	160	187	40	1	1	1	7	47
Lime, chlorinated, or bleaching powder.....	do.	2,961	2,117	1,708	2,154	1,860	1,323	76	63	44	56	48	758
Glycerin.....	do.	21,122	10,931	14,596	20,977	15,665	11,318	2,669	663	1,793	4,071	1,247	729
Crude.....	do.	14,717	9,057	11,149	13,441	13,098	10,988	1,617	535	1,199	2,243	1,028	29
Refined.....	do.	6,406	1,874	3,447	7,535	2,567	330	1,051	133	594	1,827	219	168
Iodine, crude.....	do.	696	836	592	1,967	571	200	2,330	1,743	558	1,784	464	159
Magnesium compounds.....	do.	19,446	10,455	11,171	13,617	9,199	7,144	222	155	173	208	167	308
Potassium compounds—													
Carbonate.....	do.	16,502	11,246	2,795	1,576	583	434	759	558	151	81	31	24
Chlorate and perchlorate.....	do.	13,624	12,523	13,952	13,911	13,696	11,956	495	555	772	595	808	663
Cream of tartar.....	do.	190	26	191	(1)	36	6	4	4	19	(1)	5	1
Cyanide.....	do.	158	83	100	86	84	102	47	31	41	34	30	36
Hydroxide (caustic potash).....	do.	12,870	5,557	3,092	2,274	973	663	773	315	210	168	79	62
Argols, tartar and wine lees.....	do.	19,890	16,253	16,806	23,820	31,745	17,370	1,872	1,022	911	1,699	2,472	1,217
Other potassium compounds, n. e. s.....	do.	11,320	3,742	2,960	4,418	3,150	6,619	553	220	207	330	251	404
Sodium compounds—													
Cyanide.....	do.	33,686	21,057	27,179	35,292	26,387	42,686	2,668	2,082	2,901	3,762	2,404	3,123
Ferrocyanide (yellow prussiate).....	do.	1,551	987	2,301	1,283	1,344	1,412	128	84	166	82	79	83
Nitrite.....	do.	540	4	1	1	60	80	20	1	(1)	(1)	3	1
Sulphate (salt cake).....	do.	173,288	173,288	302,841	440,358	284,859	297,588	818	818	1,334	1,872	1,332	1,394
Chlorate.....	do.	7 <sup>c</sup> 1,564	4,612	7,070	5,156	3,759	206	206	206	206	266	220	136
Sulphate, anhydrous and crystal- lized <sup>2a</sup> .....	do.	4 <sup>b</sup> 16,379	23,708	30,616	12,965	11,919	1,951	1,951	1,951	1,951	226	117	100
All other, n. e. s.....	do.	442	595	615	432	420	442	595	615	432	420	442	595
Radium salts.....	milligrams	2 12,830	13,478	17,042	15,293	33,750	78,631	603	679	700	378	787	1,954
All other industrial chemicals.....	do.	5,236	2,813	3,240	3,882	2,740	3,353	3,568	1,856	1,971	2,174	1,368	1,519
D. Pigments, paints, and varnishes.													
Mineral earth pigments—													
Iron oxide and iron hydroxide pigments	1,000 lbs.	33,801	13,666	15,675	16,792	10,044	16,914	567	284	415	493	324	477
Ochers and siennas.....	do.	19,965	10,566	10,220	13,084	6,675	9,704	392	181	191	216	105	158
Other.....	do.	1,246	3,971	1,580	1,551	1,290	3,101	90	206	92	98	73	146
Chemical pigments—													
Lithopone and other zinc sulphides	1,000 lbs.	19,177	9,811	9,562	11,202	7,864	5,282	886	298	274	302	207	131
Zinc oxide and leaded zinc oxide.....	do.	2,798	3,971	1,580	1,551	1,290	3,101	90	206	92	98	73	146
All other.....	do.	2,798	2,941	1,916	1,292	1,355	516	223	355	227	157	228	228

<sup>1</sup> Less than 500.<sup>2</sup> Average for years 1928-30.<sup>2a</sup> "Sulphate, anhydrous" prior to 1939.<sup>3</sup> June 18 to Dec. 31, 1930.<sup>4</sup> Average for years 1929 and 1930.<sup>4a</sup> Average for years 1933-35.<sup>4b</sup> Average for years 1932-35.



["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
<b>GROUP 8.—CHEMICALS AND RELATED PRODUCTS—Con.</b>												
<b>D. Pigment, paints, and varnishes—Continued.</b>												
Paints, stains, and enamels.....							608	313	300	290	218	148
Varnishes.....1,000 gals.....	32	19	12	10	8	6	57	28	29	28	19	17
<b>E. Fertilizers and materials.....1,000 tons of 2,240 lbs...</b>												
Nitrogenous—												
Sulphate of ammonia.....tons of 2,240 lbs.....	24,040	207,443	153,273	83,389	120,837	109,493	1,003	4,040	3,269	1,928	3,088	2,959
Ammonium nitrate mixtures.....do.....	15 38,249	6,945	55,491	66,420	67,497	66,978	12 2,175	186	1,449	1,783	1,894	1,838
Calcium cyanamide or lime nitrogen tons of 2,240 lbs.....	132,442	72,078	112,863	123,417	119,120	132,698	4,862	1,767	2,622	3,041	2,996	3,174
Calcium nitrate.....do.....	26,143	21,596	36,959	40,612	23,356	19,255	1,052	512	956	1,084	787	553
Guano.....do.....	28,733	26,142	22,804	13,104	15,199	5,151	1,247	552	457	376	718	212
Dried blood.....do.....	10,804	6,340	10,074	12,264	5,716	13,847	679	236	461	708	266	578
Sodium nitrate.....do.....	839,008	281,646	472,335	626,594	577,130	604,390	33,252	7,708	9,160	11,598	10,732	11,213
Tankage <sup>1/2</sup> .....do.....	24,571			15,042	9,845	12,148	869			599	290	442
Urea and calurea.....do.....	1 7,932	5,280	3,232	2,410	1,571	836	1 714	448	305	271	157	85
All other.....do.....	75,433	74,190	114,901	171,268	116,443	126,033	2,352	1,347	2,249	4,461	2,916	3,611
Phosphates—												
Animal carbon and precipitated bone <sup>2/3</sup> tons of 2,240 lbs.....	59,864	28,481	27,032	41,755	22,966	2,591	1,717	557	562	978	493	74
Other phosphate materials.....do.....	41,056	26,587	22,253	72,044	26,450	21,143	461	351	370	1,108	414	369
Potash fertilizers—												
Chloride, crude (muriate of potash).....do.....	220,168	145,132	210,678	372,930	199,591	84,301	7,654	4,304	5,194	9,725	5,372	2,314
Kainite.....do.....	115,972	79,119	52,940	116,094	53,762	18,654	908	727	529	1,139	526	155
Manure salts.....do.....	350,349	111,416	34,869	40,097	8,187	1,855	4,496	1,450	475	592	113	22
Sulphate, crude.....do.....	78,200	58,472	65,344	103,633	65,190	49,172	3,455	2,114	2,090	3,305	2,193	1,624
Nitrate, crude, or saltpeter.....do.....	9,800	26,038	58,876	70,127	52,805	57,703	459	947	1,701	2,071	1,652	1,636
Other potash-bearing substances.....do.....	13,943	377	249	228	164	133	217	4	2	2	1	1
Fertilizers, compounded or chemically combined, containing nitrogen, phosphoric acid, and potash.....tons of 2,240 lbs.....	1 7,098	4,098	5,236	8,494	7,384	2,794	1 495	247	324	415	347	185
All other fertilizers.....do.....	66,673	54,497	60,285	66,177	55,143	44,894	1,134	861	1,220	1,521	1,541	1,410
<b>F. Explosives.....</b>												
Powder and other explosives.....							1,022	525	738	864	655	410
Firecrackers.....1,000 lbs.....	1 4,272	2,752	3,968	5,856	4,308	2,966	146	35	62	40	10	17
Fireworks and ammunition.....							782	465	647	779	613	377
							94	25	29	45	32	15

**G. Soap and toilet preparations.**

Soap—

Castile.....	1,000 lbs.	3,018	2,064	1,681	1,266	1,037	925
Toilet.....	do.	1,755	811	587	608	541	697
Other.....	do.	1,933	6,840	1,633	1,837	1,415	1,806
Perfume materials.....							3,228
Perfumery, bay rum, and toilet water.....							1,659
Bath salts.....	1,000 lbs.	* 38	25	24	13	16	27
Cosmetics, powders, creams, etc.....							* 11
							721

**GROUP 9.—MISCELLANEOUS**

**Total**

**A. Photographic goods.**

Cameras and parts.....							
Sensitized films, not exposed—							
Other than motion picture.....							
Motion picture.....	1,000 lin. ft.		147,212	201,415	221,687	244,300	197,118
Film negatives for motion pictures.....	do.	2,424	2,055	1,313	1,181	909	800
American films exposed abroad (negatives, undeveloped).....	1,000 lin. ft.	* 37	324	337	275	374	259
Film positives.....	do.	4,542	4,680	5,843	7,699	8,658	9,232
Other films and dry plates.....							
Photographic paper.....	1,000 lbs.	3,819	1,613	1,629	2,154	2,416	2,513

**B. Scientific and professional instruments, apparatus, and supplies, n. e. s.**

Optical goods—							
Opera and field glasses.....	thousands	268	78	577	1,592	299	250
Spectacles, eyeglasses, and parts.....							
Other optical instruments and parts.....							
Dental and surgical instruments.....							
Scientific, professional, and laboratory instruments and parts, n. e. s.....							

**C. Musical instruments.**

Violins, cellos, etc., made before 1801.....	number		257	150	293	141	206
Other band and orchestra instruments.....							
Phonograph and similar articles and parts.....							
Pianos and organs.....							
Accordions and concertinas.....	thousands		86	111	79	70	
Mouth organs and harmonicas.....	do.		9,592	8,502	6,303	7,930	
Other instruments, parts, and accessories.....							

**E. Toys, athletic, and sporting goods.**

Toys—							
Dolls and parts.....							
Other toys *.....							

		6,739	2,737	2,811	3,131	2,409	3,015
		361	202	183	165	110	97
		552	234	178	200	164	197
		214	314	179	190	144	185
		3,228	1,209	1,580	1,882	1,453	1,933
		1,659	571	615	501	378	306
		* 11	5	4	3	3	5
		721	253	172	190	157	152
<b>Total</b>		<b>185,138</b>	<b>81,717</b>	<b>98,046</b>	<b>101,904</b>	<b>90,863</b>	<b>91,369</b>
<b>A. Photographic goods.</b>		<b>5,729</b>	<b>3,111</b>	<b>5,086</b>	<b>7,923</b>	<b>8,712</b>	<b>7,898</b>
Cameras and parts.....		453	747	2,044	4,230	4,597	3,364
Sensitized films, not exposed—							
Other than motion picture.....							
Motion picture.....	1,000 lin. ft.		222	256	503	676	1,217
Film negatives for motion pictures.....	do.	2,424	1,053	1,458	1,524	1,613	1,423
American films exposed abroad (negatives, undeveloped).....	1,000 lin. ft.	* 37	213	190	179	116	103
Film positives.....	do.	4,542	18	13	13	16	11
Other films and dry plates.....			195	188	267	373	437
Photographic paper.....	1,000 lbs.	3,819	227	157	152	162	147
			3,819	513	686	934	1,111
<b>B. Scientific and professional instruments, apparatus, and supplies, n. e. s.</b>		<b>3,319</b>	<b>1,494</b>	<b>2,441</b>	<b>3,004</b>	<b>2,349</b>	<b>1,746</b>
Optical goods—							
Opera and field glasses.....	thousands	268	165	290	479	260	328
Spectacles, eyeglasses, and parts.....			45	166	162	47	21
Other optical instruments and parts.....			1,127	525	738	831	717
Dental and surgical instruments.....			632	392	662	753	606
Scientific, professional, and laboratory instruments and parts, n. e. s.....			881	367	585	779	719
<b>C. Musical instruments.</b>		<b>4,498</b>	<b>2,608</b>	<b>4,099</b>	<b>4,589</b>	<b>3,831</b>	<b>3,935</b>
Violins, cellos, etc., made before 1801.....	number		* 186	301	67	105	98
Other band and orchestra instruments.....			669	353	718	988	862
Phonograph and similar articles and parts.....			484	105	151	230	280
Pianos and organs.....			271	481	45	53	69
Accordions and concertinas.....	thousands			1,688	1,928	1,384	1,496
Mouth organs and harmonicas.....	do.			829	853	677	644
Other instruments, parts, and accessories.....				600	433	462	468
<b>E. Toys, athletic, and sporting goods.</b>		<b>5,709</b>	<b>3,940</b>	<b>3,535</b>	<b>4,177</b>	<b>2,557</b>	<b>2,492</b>
Toys—							
Dolls and parts.....			1,033	483	385	468	216
Other toys *.....			3,491	2,005	2,316	2,772	1,380

\* Average for years 1928-30.

† June 18 to Dec. 31, 1930.

‡ Average for years 1927-30.

§ Includes rubber toys prior to 1933.

¶ Classified as an inedible animal product June 18, 1930 through 1936; beginning January 1937, data for fertilizer and other tankage are shown separately.

\*\* Includes bone ash, dust, and meal prior to 1939. See note 7<sup>a</sup>.

["General imports," 1926 to 1932; "Imports for consumption" thereafter]

GROUP AND ARTICLE	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1926-1930	1931-1935	1936	1937	1938	1939	1926-1930	1931-1935	1936	1937	1938	1939
GROUP 9.—MISCELLANEOUS—Continued												
E. Toys, athletic, and sporting goods—Continued.												
Dice, dominoes, chips, etc.....							109	81	62	70	52	46
Athletic and sporting goods—												
Fishing rods, reels, hooks, bait, etc.....							450	287	416	559	474	548
Balls for games, n. e. s. (not of rubber) <sup>28</sup> thousands.....	920	5, 073	4, 568	5, 065	7, 200	9, 143	109	148	77	81	101	132
Other athletic sporting goods.....							516	236	280	228	354	507
F. Firearms.....							588	179	260	299	359	414
G. Books and other printed matter.....							14, 210	6, 898	8, 371	9, 598	9, 039	9, 116
Books and pamphlets in foreign languages.....							1, 931	1, 218	1, 350	1, 456	1, 383	1, 292
Books, maps, music, etc., 20 years old.....							3, 268	1, 098	1, 058	1, 377	1, 548	2, 141
Other books, papers, etc. (free).....							2, 558	1, 483	2, 404	2, 829	2, 562	2, 336
Books, pamphlets, music, maps, charts, and other printed matter, n. e. s.....							4, 530	2, 280	2, 597	2, 930	2, 652	2, 455
Lithographic prints—												
Labels, flaps, and cigar bands.....1,000 lbs.....	169	71	58	44	69	42	200	74	59	49	57	36
Dealcomanias and transparencies.....do.....	405	263	308	357	222	212	557	417	546	578	472	511
All other.....							1, 166	377	358	379	365	345
H. Clocks, watches, etc.....							13, 892	3, 457	9, 027	10, 806	8, 927	10, 138
Clocks, parts, and clock movements.....							1, 066	113	115	158	83	112
Clocks and clock movements.....number.....	4 186, 252	27, 756	18, 386	16, 071	17, 439	11, 976	4 625	65	56	74	62	72
Clock cases and parts.....							4 304	48	60	84	21	40
Watches and watch movements.....thousands.....	3, 958	773	2, 229	3, 127	2, 386	2, 919	9, 726	2, 421	5, 878	8, 183	6, 562	8, 058
Cases, dials, and parts of watches, n. e. s.....							1, 585	407	734	1, 141	863	897
Jewels for watches, clocks, meters, etc. thous.....		16, 374	50, 100	62, 818	63, 140	43, 713	1, 120	480	1, 242	1, 252	1, 288	913
Recorders, meters, regulators, and similar instruments and parts, n. s. p. f.....							395	35	57	73	131	158
I. Art works.....							65, 381	22, 135	25, 889	21, 796	16, 774	17, 589
The production of American artists.....							250	130	57	40	35	33
Original paintings, statuary, etc.....							13, 749	5, 567	8, 970	4, 843	4, 060	5, 400
Altars, statuary, regalia, etc., for religious or educational purposes.....							1, 507	539	403	419	520	437
Works of art produced before 1830.....							47, 764	14, 404	15, 733	15, 478	11, 183	9, 686
Works of art for exhibition, presentation to public institutions, etc.....							1, 411	1, 205	519	711	790	1, 839
All other art works.....							699	290	208	304	186	194

J. Miscellaneous articles, n. e. s.							71,028	38,644	35,358	35,712	38,315	38,941							
Beads and bead ornaments—							1,403	216	117	220	161	409							
Imitation pearl beads							2,796	1,281	344	540	631	565							
Other beads							814	613	866	1,354	1,357	371							
Fabrics and articles, chief value beads																			
Buttons—																			
Pearl or shell 1,000 gross							950	901	1,297	1,351	935	1,331	449	329	378	431	307	404	
All other													964	640	1,022	1,036	676	406	
Brushes—																			
Tooth 1,000 doz.							1,554	1,235	1,287	1,491	615	654	727	323	362	447	183	179	
Hair and other toilet brushes and parts do.							408	744	1,173	1,198	677	266	497	279	361	417	210	142	
Other brushes do.							3,988	5,235	3,850	3,794	3,535	3,941	648	289	296	396	311	245	
Matches																			
Having stained or colored stems																			
1,000 gross boxes								7 <sup>o</sup> 1,640	76	12	7	1		7 <sup>o</sup> 310	12	2	1	(1)	
In boxes containing 100 or less do.							6,431	1,501	1,894	1,596	1,366	1,349	2,244	485	312	282	285	290	
All other													32	65	18	24	10	9	
Pipes and smokers' articles													1,569	482	625	748	544	534	
Umbrellas, canes, and parts 1,000 doz.							148	280	806	1,130	884	744	3112	161	330	401	239	211	
Articles of casein, galalith, and cellulose compounds, except combs													2,461	237	348	543	372	396	
Combs, except metal or rubber <sup>21</sup> 1,000 gross							52	127	127	73	23	11	3241	382	282	199	83	46	
Pencils, crayons, leads, etc.													831	551	718	718	486	341	
Pens and penholders													353	159	200	167	104	112	
All other dutiable articles													6,749	2,731	3,655	4,626	2,245	2,407	
Household and personal effects, etc., of persons arriving in the United States													7,621	4,135	5,299	5,682	5,405	6,925	
Articles, imported under bond, for export within 6 months													5,586	2 <sup>2</sup> 3,420					
Articles the growth, produce, or manufacture of the United States, returned—																			
Automobiles number							286	105	65	60	250	25	358	112	46	36	156	41	
Containers													4,936	2,302	1,843	1,975	1,759	3,237	
All other													27,629	20,585	17,269	18,442	22,540	20,551	
All other free articles													2,284	666	650	1,026	249	220	
K. Articles in Group 9, ordinarily dutiable, imported free <sup>22</sup>													796	2 <sup>2</sup> 133					

<sup>1</sup> Less than 500.

<sup>2</sup> June 18 to Dec. 31, 1930.

<sup>4</sup> Average for years 1929 and 1930.

Source: See general note, p. 483.

<sup>7o</sup> Average for years 1932-35.

<sup>21</sup> Average for years 1931 and 1932.

<sup>22</sup> Includes tennis balls prior to 1933.

<sup>21</sup> Rubber combs are included prior to 1933.

<sup>22</sup> See headnote, p. 575.

**NO. 577.—IN-TRANSIT AND TRANSSHIPMENT TRADE OF THE UNITED STATES:  
1932 TO 1939**

[Values in thousands of dollars (for basis of dollar values, see general note, p. 483)]

CALENDAR YEAR	CONTINENTS AND PRINCIPAL COUNTRIES							
	Received from	Shipped to	Received from	Shipped to	Received from	Shipped to	Received from	Shipped to
	North America							
Total		Canada		Mexico		Cuba		
1932	74,062	36,404	53,635	14,755	8,369	5,440	3,028	6,085
1933	90,060	35,204	51,638	10,643	20,803	7,102	7,040	6,362
1934	108,203	42,688	71,278	13,173	22,935	10,094	4,637	7,650
1935	101,472	47,994	74,408	16,995	16,720	8,541	4,429	9,669
1936	111,432	44,134	77,418	14,295	21,818	10,207	5,403	6,625
1937	121,161	60,888	89,328	20,371	18,511	16,154	4,804	8,908
1938	91,672	43,633	65,919	13,976	16,045	10,417	3,217	6,204
1939	117,112	58,304	90,972	22,001	15,451	14,453	4,697	6,303
South America								
Total		Argentina		Brazil		Chile		
1932	8,408	9,016	1,232	987	560	1,052	529	1,099
1933	10,359	11,969	1,203	1,273	511	1,632	774	2,231
1934	12,227	17,048	2,531	2,548	541	2,019	564	4,471
1935	14,802	19,479	4,258	2,554	712	2,563	3,387	4,810
1936	14,733	20,919	3,387	1,594	809	2,585	2,558	6,073
1937	23,402	31,370	3,874	3,021	1,046	4,788	9,882	7,671
1938	9,974	22,259	2,395	1,974	1,045	3,617	1,503	4,932
1939	15,997	34,919	4,131	3,185	1,490	5,345	1,303	6,124
South America—Continued				Europe				
Colombia		Peru		Total		United Kingdom		
1932	1,544	1,819	3,493	1,499	19,734	57,205	9,533	19,229
1933	1,544	2,672	5,222	2,010	25,261	78,266	11,332	31,049
1934	1,448	2,548	5,113	2,788	27,182	83,730	14,042	27,265
1935	1,412	3,271	2,985	2,576	27,823	61,792	12,866	15,236
1936	1,375	3,690	4,613	3,300	30,771	75,165	13,860	20,496
1937	1,322	6,051	4,523	4,128	41,970	68,162	18,329	24,897
1938	1,061	4,193	2,085	3,692	30,198	80,394	11,069	22,032
1939	1,107	8,374	4,279	3,532	39,898	64,610	13,182	23,515
Europe—Continued				Oceania				
Belgium		France		Netherlands		Germany <sup>1</sup>		
1932	560	5,076	1,433	7,255	2,117	4,834	2,510	8,983
1933	2,340	5,791	2,199	8,303	2,211	7,226	2,783	11,367
1934	944	7,733	1,836	9,011	2,139	8,397	3,890	11,386
1935	1,053	7,486	2,040	9,289	2,546	5,047	4,678	5,331
1936	1,511	10,138	2,083	9,305	2,543	5,992	5,974	7,285
1937	2,492	6,491	2,909	6,742	4,237	6,550	6,707	7,362
1938	1,387	4,376	2,678	4,057	3,060	3,535	4,847	7,157
1939	2,489	6,883	4,627	4,061	5,221	8,983	3,881	2,696
Asia				Africa				
Total		Japan		Oceania		Africa		
1932	6,671	3,423	1,911	1,459	801	1,738	328	2,809
1933	7,223	4,425	2,493	1,570	2,216	2,820	1,108	3,484
1934	12,710	9,454	4,454	5,334	2,722	6,357	639	4,496
1935	12,717	14,123	4,842	9,837	1,285	10,737	452	4,516
1936	9,220	13,137	3,681	9,286	1,840	9,444	373	5,579
1937	13,898	19,590	6,882	14,062	1,959	15,110	853	8,124
1938	8,636	10,638	3,058	5,035	1,391	10,868	561	4,541
1939	10,451	11,679	4,691	5,775	1,950	10,381	1,260	6,775

CALENDAR YEAR	CUSTOMS REGIONS AND PRINCIPAL DISTRICTS THROUGH WHICH SHIPPED										
	Total <sup>2</sup>	Atlantic coast		Northern border			Pacific coast			Mexican border	Gulf coast
		Total <sup>2</sup>	New York	Total <sup>2</sup>	Bu-falo	Ver-mont	Total <sup>2</sup>	Alaska	San Fran-cisco		
1932	110,595	82,720	79,980	13,118	10,306	2,383	9,262	3,489	3,749	3,763	1,723
1933	136,227	114,658	111,553	6,939	3,934	1,961	9,423	3,307	3,194	3,223	1,983
1934	163,773	129,880	124,699	5,761	4,164	3,692	11,953	3,014	3,883	7,897	5,282
1935	153,550	117,198	113,582	14,700	10,744	3,417	15,243	2,925	3,165	8,767	2,582
1936	163,377	126,401	119,699	13,763	9,391	3,643	13,119	3,222	1,948	12,274	2,331
1937	203,248	159,675	150,071	12,267	4,964	4,836	15,712	6,524	1,716	9,591	5,699
1938	142,433	111,230	109,109	7,431	2,576	3,593	11,857	5,295	1,400	8,524	3,890
1939	186,668	148,920	137,970	13,015	2,844	6,419	12,104	4,787	1,392	8,175	4,439

<sup>1</sup> See note 6, p. 512.<sup>2</sup> Includes districts not specified.

Source: See general note, p. 483.

### 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 prior to 1935, 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, and beginning Jan. 1, 1935, Virgin Islands, are treated as integral parts of the United States, so that trade between them and continental United States is not included, while trade between them and foreign countries is included; each of these territories appears as a separate customs district. 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 545, p. 484.

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. For basis of dollar values, see general note, p. 483.

#### No. 578.—IMPORTS AND EXPORTS OF ALASKA: 1882 TO 1939

NOTE.—In 1939 Alaska shipped domestic silver valued at \$75,825 to the United States

YEARLY AVERAGE OR YEAR ENDED—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS			Shipments domestic gold to United States
	From United States <sup>1</sup>	From other countries <sup>2</sup>	Total	To United States	To other countries	Total	
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1882-1885	680,260	9,198			24,955		
1886-1890	1,455,600	23,607			8,748		
1891-1895	2,422,600	42,539			15,526		
1896-1900	9,843,000	185,182			135,069		
1901	13,457,000	557,992			2,534,318		
1902		511,830			2,612,021		
1903	9,509,701	477,463	9,987,164	10,228,569	1,612,128	11,840,697	
1904	10,165,110	607,365	10,772,465	10,165,140	1,565,600	11,730,830	6,847,742
1905	11,504,255	1,460,910	12,965,165	10,801,440	1,088,165	11,889,611	9,059,023
1906	14,860,827	1,845,291	16,715,118	9,272,337	1,377,398	10,649,735	12,638,608
1907	18,402,765	1,834,191	19,630,956	12,155,198	1,489,686	13,644,884	18,564,228
1908	16,577,903	1,776,974	17,354,877	10,967,777	1,857,605	12,825,682	11,490,777
1909	17,762,600	647,331	18,409,931	13,110,910	961,161	14,072,011	17,782,403
1910	18,670,339	619,348	19,289,687	12,440,380	1,168,014	13,608,394	18,393,123
1911	16,205,730	706,171	16,911,901	14,055,329	1,136,745	15,192,074	15,153,671
1912	19,417,227	593,503	19,980,730	21,778,004	1,010,072	22,788,136	17,250,019
1913	20,827,262	932,271	21,809,533	24,634,987	1,477,991	26,112,978	14,576,015
1914	22,461,723	507,399	23,029,122	21,817,403	1,124,239	22,941,647	12,291,072
1915	21,260,042	604,886	21,900,028	27,442,335	1,001,389	28,443,724	15,348,606
1916	27,086,258	1,066,612	28,152,900	49,468,185	1,426,362	50,894,548	16,195,035
1917	38,982,049	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	2,462,870	74,057,884	12,416,660
Dec. 31:							
1918 (6 mos.)	11,678,122	893,515	12,541,637	62,992,202	763,285	63,755,487	6,671,848
1919	37,476,232	1,449,362	38,925,594	60,479,543	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	26,779,806	870,927	27,648,733	51,082,095	1,371,490	52,454,486	6,640,978
1923	30,631,366	514,466	31,145,832	53,701,494	1,325,773	55,027,267	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	56,018,746	901,543	57,820,289	5,210,542
1926	31,587,337	543,683	32,131,020	73,300,506	521,881	73,822,387	5,743,078
1927	35,604,108	706,302	36,370,410	51,348,688	483,679	51,832,367	5,394,107
1928	32,058,976	559,252	32,618,238	67,587,207	622,738	68,209,945	6,362,204
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	546,958	23,036,853	43,276,364	314,908	43,591,272	8,028,795
1932	19,173,106	302,451	19,475,556	30,183,355	235,528	30,418,883	9,261,486
1933	20,685,622	131,245	20,816,867	33,131,461	166,281	33,297,742	9,864,479
1934	29,998,840	270,768	30,269,608	45,058,950	322,512	45,381,462	15,883,877
1935	32,007,866	253,976	32,261,832	36,868,697	262,135	37,130,832	16,933,058
1936	39,060,577	265,148	39,325,725	60,807,603	452,204	61,259,807	16,653,379
1937	42,860,774	223,221	43,083,995	62,363,327	400,117	62,763,444	17,776,401
1938	42,676,122	175,025	42,851,647	56,044,728	605,800	56,650,028	21,321,617
1939	44,262,710	151,383	44,414,093	42,228,758	537,044	42,765,802	20,075,995

<sup>1</sup> Unofficial estimates of the value of merchandise shipped from Pacific coast ports to Alaska from 1882 to 1901; from 1903 to date, official figures of shipments to Alaska.

<sup>2</sup> General imports through 1933; imports for consumption thereafter.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce. Trade statistics of the United States and noncontiguous areas are published in Monthly Summary of Foreign Commerce of the United States, December issue.

## No. 579.—IMPORTS AND EXPORTS OF PUERTO RICO: 1901 TO 1939

YEARLY AVERAGE OR YEAR ENDED—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	From United States <sup>1</sup>	From other countries <sup>1</sup>	Total	To United States	To other countries	Total
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1901-1905.....	11,055,607	2,200,857	13,256,464	10,485,414	3,743,050	14,228,464
1906-1910.....	23,660,948	3,158,988	26,819,937	25,118,813	4,731,195	29,850,008
1911-1915.....	33,969,225	3,830,982	37,790,207	38,982,607	7,254,806	46,237,403
1914.....	32,568,308	3,838,419	36,406,787	34,423,180	8,079,582	43,102,762
1915.....	30,929,831	2,954,465	33,884,296	42,311,920	7,044,987	49,356,907
1916.....	35,822,515	3,058,400	38,950,915	60,952,758	5,634,937	66,587,695
1917.....	49,539,249	4,006,975	53,546,224	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).....	25,668,006	1,796,219	27,464,315	31,333,827	3,733,065	35,066,892
1919.....	67,799,541	5,261,052	73,060,593	78,320,180	11,075,625	89,395,805
1920.....	121,561,574	7,512,404	129,073,978	158,322,083	16,346,667	174,668,780
1921.....	60,977,112	7,377,251	68,354,363	71,087,716	6,753,900	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	7,397,702	84,728,540
1925.....	77,499,807	11,620,875	89,120,682	92,679,754	7,053,205	99,733,049
1926.....	84,737,537	12,604,064	97,401,601	90,160,856	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	97,208,763	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	90,880,061	4,068,810	103,948,871
1931.....	60,636,751	7,874,201	68,511,042	87,911,706	3,172,479	91,084,185
1932.....	48,780,141	7,256,335	56,036,476	74,290,250	2,127,827	76,418,077
1933.....	51,696,988	6,146,587	57,843,575	76,211,940	2,449,143	78,661,083
1934.....	59,477,288	6,762,041	66,239,329	81,184,396	2,723,351	83,907,747
1935.....	70,052,462	6,595,277	76,647,739	87,726,806	1,915,113	89,641,421
1936.....	86,351,052	6,807,353	93,159,305	103,951,645	1,049,280	105,000,934
1937.....	90,043,856	9,144,454	99,188,310	102,850,041	2,646,200	105,505,241
1938.....	80,746,030	7,937,736	88,683,766	84,663,860	1,807,278	86,531,138
1939.....	86,447,423	6,473,281	92,920,704	88,977,210	1,550,355	90,527,565

<sup>1</sup> Shipments from the United States to Puerto Rico.<sup>2</sup> General imports through 1933; imports for consumption thereafter.

## No. 580.—IMPORTS AND EXPORTS OF HAWAII: 1901 TO 1939

YEARLY AVERAGE OR YEAR ENDED—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	From United States <sup>1</sup>	From other countries <sup>2</sup>	Total	To United States	To other countries	Total
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1901-1905.....	11,459,879	3,165,296	14,778,085	28,020,059	64,698	28,083,757
1906-1910.....	15,070,287	4,149,852	20,120,138	36,842,145	254,956	37,097,102
1911-1915.....	25,600,469	5,932,201	31,532,670	48,352,547	631,063	48,983,610
1914.....	25,773,412	6,282,558	32,055,970	40,678,580	915,245	41,603,825
1915.....	25,004,764	5,716,023	30,720,787	62,087,250	377,509	62,464,759
1916.....	31,127,577	6,068,520	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	74,068,000
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	42,224,200	4,152,299	46,376,508
1919.....	49,983,869	8,980,704	58,964,573	98,363,015	4,280,003	102,613,018
1920.....	74,052,453	12,284,592	86,337,045	192,383,185	3,487,699	195,820,884
1921.....	64,446,173	9,529,755	73,975,928	71,069,115	1,350,483	73,019,608
1922.....	53,585,740	7,490,913	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	1,581,104	102,666,806
1924.....	69,767,693	8,884,223	78,651,916	108,473,262	1,415,911	109,889,203
1925.....	72,024,400	10,829,509	83,753,918	102,780,500	1,844,782	104,625,291
1926.....	76,262,624	10,254,565	86,517,189	99,260,941	1,884,079	100,145,020
1927.....	79,630,089	9,171,815	88,801,904	109,236,321	2,267,714	111,504,035
1928.....	77,762,940	10,361,293	88,124,233	116,056,000	2,523,745	119,479,835
1929.....	82,560,789	9,752,607	92,703,456	106,312,833	2,126,270	108,439,103
1930.....	81,726,044	9,399,645	91,126,049	98,923,737	1,902,046	100,915,783
1931.....	79,092,457	7,864,409	86,956,866	101,548,555	1,189,280	102,737,835
1932.....	58,578,449	5,051,628	63,630,077	82,688,205	760,091	83,448,296
1933.....	57,894,488	5,233,481	63,127,969	92,076,992	675,809	92,952,801
1934.....	63,472,395	5,761,288	69,233,683	94,513,690	1,316,360	95,850,050
1935.....	78,024,776	5,628,108	84,552,884	98,695,969	1,338,027	100,033,966
1936.....	85,743,938	6,699,913	92,443,911	125,537,355	1,639,450	127,176,805
1937.....	104,302,591	9,672,928	113,975,459	130,138,166	2,101,648	132,239,814
1938.....	101,227,151	8,432,570	109,659,721	99,556,679	1,529,442	98,086,121
1939.....	101,817,841	7,433,831	109,251,672	113,206,898	1,888,911	115,095,809

<sup>1</sup> Shipments from U. S. to Hawaii.<sup>2</sup> See note 2, table 579.<sup>3</sup> Average for 1903 to 1905.

Source of tables 579 and 580: Department of Commerce, Bureau of Foreign and Domestic Commerce. Trade statistics of U. S. and noncontiguous areas are published in Monthly Summary of Foreign Commerce of the U. S., Dec. issue.

No. 581.—IMPORTS AND EXPORTS OF THE PHILIPPINE ISLANDS: 1901 TO 1939

YEARLY AVERAGE OR YEAR ENDED—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	From United States <sup>1</sup>	From other countries	Total	To United States	To other countries	Total
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1901-1905	4, 245, 948	27, 652, 100	31, 898, 048	10, 179, 525	18, 304, 005	28, 573, 530
1906-1910	6, 007, 162	24, 065, 539	30, 072, 701	12, 887, 790	21, 275, 193	33, 880, 953
1911-1915	23, 283, 220	28, 932, 323	52, 240, 543	20, 826, 400	28, 560, 580	49, 186, 980
1915	22, 394, 881	22, 086, 480	44, 479, 861	23, 001, 275	27, 913, 788	50, 915, 061
1916	23, 804, 367	22, 189, 258	45, 973, 625	23, 038, 520	32, 826, 505	61, 464, 031
1917	27, 516, 556	24, 466, 722	51, 983, 278	43, 125, 393	28, 589, 982	71, 715, 375
1918	49, 799, 220	33, 964, 061	83, 703, 280	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	45, 147, 637	118, 639, 052	50, 453, 173	55, 664, 060	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, 350, 793	37, 785, 530	88, 115, 323
1922	47, 733, 329	32, 459, 319	80, 197, 046	64, 111, 601	31, 471, 697	95, 583, 298
1923	50, 852, 535	37, 447, 212	87, 799, 747	85, 047, 023	35, 705, 967	120, 752, 990
1924	60, 399, 380	47, 611, 515	108, 010, 895	97, 313, 903	35, 030, 760	135, 344, 663
1925	69, 297, 583	50, 435, 251	119, 732, 834	109, 044, 942	39, 832, 203	148, 877, 205
1926	71, 375, 618	47, 723, 374	119, 298, 992	100, 003, 215	36, 881, 105	136, 884, 320
1927	71, 478, 267	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, 870	39, 403, 670	155, 054, 546
1929	92, 692, 959	54, 537, 310	147, 100, 275	124, 406, 473	39, 081, 370	164, 440, 843
1930	73, 183, 023	44, 906, 926	123, 092, 054	105, 342, 061	27, 825, 097	133, 167, 123
1931	62, 139, 083	37, 039, 030	99, 178, 719	83, 422, 397	20, 549, 877	103, 972, 074
1932	51, 297, 750	28, 007, 335	79, 305, 085	82, 047, 867	12, 690, 214	95, 333, 081
1933	43, 540, 407	23, 821, 056	67, 361, 463	91, 813, 027	14, 458, 026	105, 771, 053
1934	54, 375, 078	29, 231, 433	83, 607, 111	91, 843, 594	18, 590, 042	110, 403, 636
1935	54, 300, 600	31, 157, 350	85, 457, 950	74, 035, 537	19, 310, 143	94, 246, 030
1936	61, 497, 293	30, 628, 912	101, 126, 175	118, 762, 432	23, 922, 726	147, 675, 158
1937	63, 302, 036	45, 723, 709	109, 025, 745	120, 742, 091	30, 525, 250	151, 269, 250
1938	90, 357, 223	42, 250, 272	132, 607, 500	89, 445, 000	25, 850, 317	115, 705, 317
1939	83, 427, 875	39, 339, 375	122, 767, 278	92, 131, 525	29, 094, 008	121, 226, 133

<sup>1</sup> 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: Records of War Department and Insular Collector of Customs.

No. 582.—IMPORTS AND EXPORTS OF AMERICAN SAMOA: 1916 TO 1939

YEAR ENDED—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	From United States	From other countries	Total	To United States	To other countries	Total
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1916	100, 507	17, 787	118, 294	62, 062	.....	62, 062
1917	93, 626	16, 088	110, 314	193, 496	.....	193, 496
1918	94, 384	51, 665	146, 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	( )	( )
1927	120, 877	82, 491	203, 368	40, 852	( )	( )
1928	106, 200	98, 490	204, 750	179, 068	( )	( )
1929	113, 287	88, 084	201, 971	106, 766	( )	( )
1930	142, 393	98, 667	200, 060	140, 422	( )	( )
1931	103, 659	79, 788	183, 447	60, 287	( )	( )
1932	90, 064	58, 536	157, 600	29, 077	( )	( )
1933	84, 000	83, 824	168, 514	20, 966	( )	( )
1934	123, 886	77, 720	201, 612	24, 927	( )	( )
1935	106, 877	84, 637	281, 414	83, 254	( )	( )
1936	219, 163	122, 710	341, 873	56, 717	( )	( )
1937	264, 637	109, 550	374, 187	115, 075	( )	( )
1938	221, 787	133, 944	355, 731	110, 657	( )	( )
1939	164, 758	112, 560	277, 318	84, 852	( )	( )

<sup>1</sup> Not available.

Source: Returns of the Navy Department to the Department of Commerce, Bureau of Foreign and Domestic Commerce.



## No. 583.—IMPORTS AND EXPORTS OF THE VIRGIN ISLANDS: 1911 TO 1939

NOTE.—For 1911 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 <sup>1</sup>	From other countries	Total	To United States	To other countries	Total
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1911	810,537		1,724,826	185,117		543,526
1912	924,700		1,683,072	489,039		548,924
1913	894,087		1,047,350	48,031		282,152
1914	800,966		1,712,103	29,374		331,188
1915	703,354		1,818,769	350,822		378,859
1916	850,377		1,222,500	63,496		260,046
1917	1,438,904		(2)	1,259,607		(2)
1918	1,640,103	252,326	1,892,429	1,137,501	111,845	1,249,346
1919	1,804,117	472,305	2,276,512	1,593,120	326,405	1,919,525
1920	3,993,478	862,619	4,856,097	4,540,388	208,933	4,749,319
1921	2,622,396	416,354	3,038,750	734,674	149,061	883,735
1922	1,647,353	362,508	2,009,951	734,476	101,029	835,505
1923	1,617,625	323,142	1,940,767	414,609	99,433	514,042
1924	1,668,495	360,223	2,028,718	394,085	67,471	461,556
1925	1,915,277	(2)	(2)	1,020,748	(2)	(2)
1926	1,799,444	(2)	(2)	810,410	(2)	(2)
1927	2,053,340	(2)	(2)	908,463	(2)	(2)
1928	2,277,030	(2)	(2)	1,195,314	(2)	(2)
1929	2,298,269	(2)	(2)	803,323	(2)	(2)
1930	1,672,903	(2)	(2)	768,342	(2)	(2)
1931	1,250,406	(2)	(2)	408,932	(2)	(2)
1932	929,980	(2)	(2)	405,163	(2)	(2)
1933	1,075,512	(2)	(2)	519,846	(2)	(2)
1934	1,644,424	(2)	(2)	575,062	(2)	(2)
1935	1,060,415	836,612	2,503,027	480,120	84,716	553,842
1936	2,208,570	1,891,047	3,599,617	729,746	66,905	793,651
1937	2,970,146	1,172,447	4,148,593	1,253,429	66,466	1,319,895
1938	2,358,548	983,015	3,340,563	1,220,506	320,900	1,541,472
1939	2,487,805	969,090	3,456,895	1,568,523	106,410	1,664,933

<sup>1</sup> Shipments from the United States to the Virgin Islands. For change in statistical reporting beginning 1935, see general note at beginning of section.

<sup>2</sup> Not available.

Sources: Total trade, 1911 to 1915, from Danish Yearbook, 1916, from "The Virgin Islands of the United States of America," by Luther K. Zabriski. All other figures from Department of Commerce, Bureau of Foreign and Domestic Commerce. Trade statistics of United States and noncontiguous areas are published in Monthly Summary of Foreign Commerce of the United States, December issue.

## No. 584.—IMPORTS AND EXPORTS OF GUAM: 1916 TO 1939

YEAR ENDED—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	From United States	From other countries	Total	To United States	To other countries	Total
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
June 30:						
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	186,906	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	25,432	22,060	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	208,060	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	84,400	197,560
1931	300,728	278,558	579,287	37,800	44,110	81,910
1932	213,957	242,904	456,861	9,129	40,555	49,684
1933	181,266	197,725	378,991	5,155	57,294	62,449
1934	183,781	255,426	439,207	2,072	29,304	31,376
1935	282,814	375,406	658,220	52,776	71,412	124,188
1936	367,866	411,034	779,500	72,271	64,663	136,934
1937	345,543	512,361	857,904	164,870	63,350	228,229
1938	357,838	340,595	698,433	79,065	39,057	118,122
1939	402,963	332,943	735,906	88,468	23,636	112,104

Source: Returns of the Navy Department to the Department of Commerce, Bureau of Foreign and Domestic Commerce.

No. 585.—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 578

TERRITORY AND PRODUCT	QUANTITY			VALUE (THOUSANDS OF DOLLARS)			
	1927	1928	1929	1926	1927	1928	1929
<b>ALASKA</b>							
Fish.....1,000 lbs.	351,936	373,866	281,875	50,257	46,427	42,920	33,978
Halibut, fresh and frozen.....do.	12,585	0,750	9,984	1,124	1,241	957	968
Salmon, fresh and frozen.....do.	9,352	9,538	8,794	775	934	1,007	898
Canned salmon.....do.	316,438	339,389	247,407	46,173	42,026	38,634	20,977
Cured or preserved fish.....do.	9,832	12,354	11,325	1,649	1,458	1,685	1,488
Shellfish.....do.	1,872	1,684	1,599	490	670	575	524
Other fish products:							
Meal.....tons <sup>1</sup>	17,224	15,884	14,623	521	730	517	613
Oil.....1,000 gals.	5,571	4,538	4,525	993	2,186	1,309	1,179
Furs and fur skins.....number	428,000	504,571	642,645	4,014	2,911	2,041	2,575
Beaver.....do.	1,897	30,922	29,100	452	27	348	442
Blue fox.....do.	11,663	12,280	10,599	527	360	353	266
Red fox.....do.	21,406	14,928	21,305	530	246	148	160
Seal skins.....do.	55,202	58,708	60,489	651	580	585	605
Marten.....do.	15,782	8,929	2,032	91	420	228	92
Mink.....do.	61,184	40,418	42,300	879	693	478	423
Muskrat.....do.	240,652	307,226	431,833	281	273	207	350
Whale oil.....1,000 gals.	620	444	317	237	274	111	66
Copper (ore, matte, regulus).....1,000 lbs.	47,679	36,487	37,458	2,439	6,938	3,792	18
Platinum.....troy ounces	2,377	48,012	33,657	110	119	1,765	925
Total Alaska products.....				59,352	60,498	53,713	30,994
Articles produced in U. S. returned.....				1,387	1,842	2,328	2,232
Total foreign merchandise.....				60	24	3	3
Total, all merchandise.....				60,806	62,365	56,045	42,229
<b>HAWAII</b>							
Cattle hides.....1,000 lbs.	1,613	1,323	1,395	115	188	124	140
Fish, canned.....do.	1,968	7,768	3,848	434	417	1,608	728
Fruits.....							
Pineapples (canned).....1,000 lbs.	595,792	378,536	639,327	38,836	42,705	24,631	34,060
Vegetables, fresh, canned, etc.....do.	3,929	5,541	1,792	126	171	225	60
Coffee.....do.	4,076	2,524	2,470	428	439	286	280
Sugar.....							
Unrefined.....do.	1,835,559	1,763,123	1,841,379	66,310	62,633	49,733	53,073
Refined.....do.	19,501	21,823	24,050	1,660	942	1,610	1,245
Molasses.....1,000 gals.	31,015	28,141	28,979	504	732	655	652
Pineapple juice.....1,000 lbs.	283,850	220,022	311,677	12,617	16,690	13,217	16,724
Cotton wearing apparel.....do.	97	175	53	1	265	341	109
Fiber insulating board.....do.	25,770	25,295	14,656	610	848	781	462
Total Hawaiian products.....				122,510	126,879	93,431	109,496
Articles produced in U. S. returned.....				2,882	3,200	3,078	3,675
Total foreign merchandise.....				145	54	48	37
Total, all merchandise.....				125,537	130,138	96,557	118,207
<b>PUERTO RICO</b>							
Vegetables, fresh, canned, etc.....1,000 lbs.	6,267	3,900	7,251	209	285	160	274
Fruits.....							
Grapefruit, fresh.....boxes	160,150	101,572	28,848	2,459	2,265	1,832	1,288
Pineapples, fresh.....do.	603,591	518,032	440,943	1,171	1,175	1,000	808
Grapefruit, canned, etc.....1,000 lbs.	7,275	6,483	2,552	934	411	351	125
Pineapples, canned, etc.....do.	4,382	3,348	3,371	133	265	177	201
Coconuts.....thousands	12,964	12,453	15,712	337	348	276	278
Coffee <sup>1</sup> .....1,000 lbs.	6,001	1,192	4,409	651	811	197	593
Sugar, unrefined.....do.	1,578,993	1,513,433	1,598,602	54,477	55,387	45,571	47,287
Sugar, refined.....do.	241,142	195,353	243,282	9,491	10,703	8,934	11,039
Molasses.....1,000 gals.	27,962	19,304	20,934	1,192	1,207	646	546
Fruit juice.....do.	706	343	165	114	397	175	56
Rum.....1,000 proof gals.	718	607	919	1,524	3,087	2,772	4,413
Leaf tobacco.....1,000 lbs.	18,188	18,847	10,461	8,065	8,352	8,305	4,437
Stems, scraps, etc.....do.	4,494	7,710	4,135	620	601	838	503
Cigars and cheroots.....thousands	32,562	1,761	1,449	933	601	43	39
Cotton manufactures.....							
Nightgowns and pajamas.....1,000 doz.	1,182	685	418	19,121	14,199	9,378	7,672
Other wearing apparel.....do.				8,242	5,428	3,363	1,477
Handkerchiefs.....1,000 doz.	2,155	2,528	3,686	9,022	6,453	3,604	2,578
Linon handkerchiefs.....do.	319	474	2,861	1,181	1,591	2,013	2,893
Silk dresses, blouses, underwear.....doz.	82,360	111,015	130,840	1,105	474	1,081	3,553
Hats of straw or fiber.....do.	62,410	32,640	47,879	674	1,021	1,864	2,839
Leather gloves.....doz. prs.	67	4,069	34,435	6	1	52	497
Alcohol.....1,000 gals.	2,010	1,490	1,586	493	530	390	334
Buttons, pearl or shell.....1,000 gross	249	404	1,083	86	119	173	404
Total Puerto Rican products.....				102,851	101,649	83,712	88,181
Articles produced in U. S. returned.....				1,073	1,120	910	765
Total foreign merchandise.....				28	60	42	41
Total, all merchandise.....				103,952	102,829	84,664	88,977

For footnotes, see next page.

**No. 585.—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)			
	1937	1938	1939	1936	1937	1938	1939
<b>PHILIPPINE ISLANDS<sup>1</sup></b>							
Sugar.....1,000 lbs.	1,930,038	1,903,299	1,902,348	50,539	59,108	50,888	49,617
Pineapple, prepared or preserved.....do	26,859	21,425	44,632	341	1,287	948	1,672
Oil cake and meal (coconut).....do	142,964	85,605	107,643	690	1,820	874	971
Coconut meat, prepared.....do	96,213	67,495	89,261	3,537	6,059	3,708	4,401
Copra.....do	471,201	490,648	418,511	7,620	15,552	8,848	6,449
Coconut oil.....do	337,325	363,919	336,783	12,226	19,895	11,400	8,384
Tobacco scrap.....do	5,251	4,525	13,705	178	552	482	1,359
Cigars and cheroots.....do	4,182	3,227	3,700	2,438	2,866	2,698	3,008
Cotton wearing apparel.....do				4,828	4,319	5,651	5,870
Manila fiber.....tons	42,696	20,800	45,212	5,518	7,620	3,988	4,064
Cordage of Manila hemp, etc. 1,000 lbs.	6,124	3,714	7,687	323	679	371	675
Hats of straw, etc. ....thousands	543	371	168	313	465	285	110
Sawed cabinet woods.....M ft.	35,727	20,907	21,950	1,131	1,416	829	846
Chrome ore (content).....tons	20,688	38,221	28,024	82	491	915	635
Articles produced in U. S. returned.....				544	354	494	329
<b>Total, all merchandise.....</b>				<b>101,715</b>	<b>128,057</b>	<b>94,162</b>	<b>91,908</b>

<sup>1</sup> Of 2,240 pounds.<sup>2</sup> Partly for transshipment to foreign countries. Approximately 4,450,000 pounds in 1937, 34,000 pounds in 1938, and 1,153,000 pounds in 1939 were brought in for consumption.<sup>3</sup> Figures represent "Imports for consumption" shipped from Philippine Islands to U. S. Customs Area.

Source: Dept. of Commerce, Bureau of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the U. S. Published in Monthly Summary of Foreign Commerce of the U. S., December issue.

**No. 586.—SHIPMENTS OF MERCHANDISE FROM THE UNITED STATES TO ALASKA, HAWAII, PUERTO RICO, AND THE PHILIPPINE ISLANDS: 1938 AND 1939**

NOTE.—Values in thousands of dollars. Totals include items not shown separately

COMMODITY GROUP OR ITEM	ALASKA		HAWAII		PUERTO RICO		PHILIPPINE ISLANDS <sup>1</sup>	
	1938	1939	1938	1939	1938	1939	1938	1939
<b>Total merchandise.....</b>	<b>42,877</b>	<b>44,263</b>	<b>101,227</b>	<b>101,818</b>	<b>80,746</b>	<b>86,447</b>	<b>86,297</b>	<b>89,758</b>
<b>Animals and animal products.....</b>	<b>4,807</b>	<b>4,502</b>	<b>11,046</b>	<b>10,926</b>	<b>12,182</b>	<b>11,985</b>	<b>4,384</b>	<b>5,275</b>
Meat products.....	2,018	2,190	5,076	4,891	3,577	3,406	697	968
Eggs.....	565	544	746	679	91	118	( <sup>2</sup> )	24
Milk, condensed, evaporated, dried.....	423	423	960	999	908	929	1,109	1,093
Butter and cheese.....	663	667	1,314	1,843	480	542	111	98
Animal fats and oils, edible.....	53	50	66	54	2,785	2,620	5	4
Fish.....	134	146	957	949	360	290	997	1,228
Leather boots and shoes.....	155	176	985	1,081	3,002	2,924	259	350
<b>Vegetable food products and beverages.....</b>	<b>6,860</b>	<b>5,837</b>	<b>14,660</b>	<b>14,948</b>	<b>15,512</b>	<b>15,395</b>	<b>7,697</b>	<b>7,679</b>
Grains and preparations.....	638	636	4,293	4,240	9,307	9,815	3,835	3,710
Rice.....	46	43	2,089	2,653	6,307	7,173	97	40
Wheat flour.....	279	263	771	779	1,967	1,611	3,450	3,895
Biscuits and crackers.....	136	113	182	140	447	402	92	80
Feeders and feeds.....	127	104	1,042	1,080	789	953	22	33
Mixed and prepared foods.....	65	45	65	898	668	897	3	5
<b>Vegetables and preparations.....</b>	<b>950</b>	<b>1,010</b>	<b>2,247</b>	<b>2,359</b>	<b>3,196</b>	<b>3,239</b>	<b>1,048</b>	<b>1,108</b>
Beans, dried.....	24	22	56	37	1,573	1,867	5	25
Potatoes, white.....	120	143	243	264	367	504	211	179
Canned vegetables.....	385	407	725	842	378	532	396	405
Fruits and preparations.....	771	796	1,598	1,605	459	431	945	913
Oranges.....	80	89	497	518		( <sup>2</sup> )	241	273
Canned, dried, and other fruit preparations.....	430	458	538	517	295	240	320	273
Coffee.....	324	302	221	238	1	2	542	491
Sugar.....	290	310	104	72	3	5	12	11
Confectionery and chewing gum.....	324	322	960	950	475	519	304	375
Beverages and fruit juices.....	2,040	2,027	2,487	2,731	738	760	411	272
Malt liquors.....	573	597	760	829	323	201	252	123
Whisky.....	1,072	1,071	864	1,041	3	11	11	25
<b>Vegetable products, inedible, except fibers and wood.....</b>	<b>1,572</b>	<b>1,573</b>	<b>6,049</b>	<b>5,938</b>	<b>5,094</b>	<b>5,437</b>	<b>9,028</b>	<b>10,377</b>
Rubber and manufactures.....	430	443	1,966	1,849	1,144	1,210	2,309	3,357
Automobile tires (casings).....	64	63	1,288	1,110	731	751	1,659	2,237
Cigarettes.....	774	775	2,972	2,900	3,486	3,681	5,356	5,307

<sup>1</sup> Figures represent exports of U. S. merchandise from U. S. Customs Area to Philippine Islands.<sup>2</sup> Less than \$500.

No. 586.—SHIPMENTS OF MERCHANDISE FROM THE UNITED STATES TO ALASKA, HAWAII, PUERTO RICO, AND THE PHILIPPINE ISLANDS: 1938 AND 1939—Continued

[Values in thousands of dollars]

COMMODITY GROUP OR ITEM	ALASKA		HAWAII		PUERTO RICO		PHILIPPINE ISLANDS <sup>1</sup>	
	1938	1939	1938	1939	1938	1939	1938	1939
	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars
Textile manufactures.....	2,564	2,628	6,702	7,196	14,610	17,418	17,895	17,738
Cotton manufactures.....	932	977	3,483	3,650	8,955	9,271	14,953	13,941
Sewing, crochet, and embroidery cotton.....	7	7	120	131	221	320	500	641
Cloth, duck, and tire fabric.....	57	64	1,123	1,140	5,733	6,011	12,170	10,780
Wearing apparel.....	405	517	1,435	1,569	1,768	1,767	441	615
Wool and manufactures.....	508	567	822	886	603	654	147	123
Wearing apparel.....	415	406	495	499	328	335	33	87
Silk manufactures.....	102	84	514	408	1,128	2,657	296	368
Wearing apparel.....	86	79	370	330	768	983	232	308
Rayon and other synthetic textiles.....	38	62	734	1,085	2,485	2,838	1,107	2,198
Wood and paper.....	2,359	2,570	7,898	7,918	4,839	4,754	2,703	3,528
Boards, planks, and scantlings.....	488	482	1,902	1,810	1,828	1,640	91	71
Wood furniture.....	157	175	432	417	821	723	32	21
Paper and manufactures.....	877	948	3,965	3,951	1,646	1,713	2,370	3,190
Boxes and cartons.....	465	473	1,613	1,548	64	48	58	95
Nonmetallic minerals.....	4,318	4,745	12,643	12,854	6,009	6,556	7,022	8,887
Coal.....	219	172	16	13	85	67	72	72
Petroleum and products.....	3,506	3,999	10,199	10,254	2,646	3,054	5,958	7,377
Gasoline.....	1,409	1,572	5,993	6,053	1,596	1,926	2,453	3,017
Kerosene.....	58	64	701	694	325	356	1,122	1,315
Gas and fuel oil.....	1,009	1,870	2,469	2,422	278	247	1,292	1,339
Lubricating oil.....	294	328	560	764	272	337	771	1,223
Cement, hydraulic.....	113	115	711	725	574	515	105	53
Glass and glass products.....	100	108	684	675	834	980	423	570
Clay and clay products.....	101	129	541	641	518	587	247	371
Metals and manufactures, except machinery and vehicles <sup>2</sup> .....	9,224	10,578	15,232	16,248	6,151	6,392	11,465	15,885
Iron and steel manufactures.....	8,884	10,206	13,583	14,355	5,354	5,561	10,108	13,854
Bars and rods.....	166	141	376	539	549	609	1,239	1,449
Galvanized sheets.....	140	95	346	362	539	568	2,156	2,061
Tin plate and tappers' tin.....	77	136	6,949	7,024	61	80	991	1,685
Structural iron and steel.....	234	169	569	575	497	377	567	765
Cast-iron pipe and fittings.....	54	52	490	406	362	402	505	740
Wire and manufactures.....	660	612	455	591	315	350	654	907
Wire nails.....	61	64	106	133	145	179	380	551
Tin cans, finished or unfinished.....	5,246	6,504	298	669	212	136	428	622
Stoves, ranges, furnaces, and parts.....	293	171	432	413	73	82	70	70
Tools.....	150	158	306	335	178	234	436	637
Copper and manufactures.....	132	107	628	834	390	356	625	570
Machinery and vehicles.....	9,285	8,122	14,700	13,172	8,198	8,293	15,890	17,406
Electrical machinery and apparatus.....	1,361	1,282	4,126	4,211	2,065	1,903	2,772	3,436
Household refrigerators.....	(4)	(4)	626	684	234	274	208	181
Radio apparatus.....	237	271	613	653	310	280	425	608
Industrial machinery.....	5,303	4,274	3,751	2,697	2,685	2,445	5,932	5,052
Engines and parts.....	302	313	458	362	363	206	719	730
Mining and quarrying.....	2,493	1,124	50	69	24	80	1,423	1,352
Fish-cannery equipment.....	1,147	1,008	(4)	(4)				
Sugar-mill machinery.....			311	163	680	513	219	144
Agricultural machinery and implements.....	803	511	604	556	314	505	459	710
Tractors and parts.....	596	315	351	325	234	375	292	483
Automobiles, parts, and accessories.....	822	801	5,112	4,496	2,488	2,847	4,905	5,867
Motor trucks and busses.....	272	357	1,261	763	797	876	1,782	2,143
Passenger cars.....	341	330	2,964	2,810	1,278	1,612	2,088	2,333
Chemicals and related products.....	1,492	1,488	5,745	6,072	6,097	6,679	6,116	5,820
Chemicals, including coal-tar products.....	320	294	1,187	1,175	743	673	980	1,496
Medicinal and pharmaceutical preparations.....	250	239	705	717	1,218	1,310	1,313	1,637
Paints, pigments, and varnishes.....	254	234	1,111	1,108	620	772	801	1,016
Fertilizers and fertilizer materials.....	10	(7)	1,028	1,238	1,820	2,121	636	1,234
Ammonium sulphate.....		(2)	435	596	1,121	1,305	309	706
Explosives, fuses, etc.....	428	471	107	121	66	63	1,148	1,742
Soap.....	150	150	821	888	1,144	1,225	1,465	591
Miscellaneous <sup>3</sup> .....	1,708	2,222	6,784	6,567	3,375	3,539	4,867	4,865
Motion-picture films.....	79	216	361	369	103	60	273	334
Musical instruments.....	73	75	429	377	119	91	213	157
Toys, except rubber.....	61	48	214	208	204	190	92	119
Books, pictures, and other printed matter.....	317	338	1,365	1,285	477	554	1,054	930
Household and personal effects.....	233	257	560	524	159	155	90	106

<sup>1</sup> Figures represent exports of U. S. merchandise from U. S. Customs Area to Philippine Islands.

<sup>2</sup> Jewelry included in "Miscellaneous."

<sup>3</sup> Not shown separately.

<sup>4</sup> Tractors only.

Source: Dept. of Commerce, Bureau of Foreign and Domestic Commerce. Published in Monthly Summary of Foreign Commerce of the U. S., December issue.

## 24. IRRIGATION AND DRAINAGE

GENERAL NOTE.—All figures in this section relate to the United States exclusive of outlying Territories and possessions. Tables 587 to 592 relate only to works of the Bureau of Reclamation or to lands served in whole or in part by works controlled by that Bureau. Tables 593 to 599 cover all kinds of irrigation enterprises

### No. 587.—IRRIGATION PROJECTS, FEDERAL—CONSOLIDATED FINANCIAL STATEMENT, AS OF JUNE 30, 1939

DEBIT SIDE		
Construction account, primary projects:		
Cost of irrigation works—		
Original construction.....	\$381,467,882	
Supplemental construction.....	12,718,343	
Value of works taken over.....	2,200,891	
Total construction cost.....		\$396,387,116
Operation and maintenance prior to public notice (net)....	3,147,004	
Operation and maintenance deficits and arrearages.....	5,855,823	
Penalties on water-right charges.....	3,247,972	
		12,250,890
Less—		
Abandoned works and nonreimbursable cost, etc. (net).....		408,638,007
Construction revenues.....	17,133,001	
Contributed funds.....	7,792,642	
Nonreimbursable appropriation (Rio Grande Dam).....	1,946,359	
		27,872,901
Balance payable.....		\$380,765,105
Palo Verde flood protection: Cost of construction and repairs.....		
		48,806
Secondary projects and general investigations: Cost of surveys and investigations less contributed funds.....		
		4,261,118
General offices' expense undistributed.....		
		2,085,953
Plant and equipment.....		
		2,601,756
Materials and supplies.....		
		5,831,055
Accounts receivable.....		
		240,917,945
Undistributed clearing cost accounts.....		
		932,712
Unadjusted debits, disbursement vouchers in transit.....		
		34,957
Cash on hand and in special deposit and in transit.....		
		101,146,400
Total debits.....		747,028,716

CREDIT SIDE		
Security for repayment of cost of irrigation works: Contracted construction repayments.....		
		\$299,726,970
Current accounts payable.....		
		7,590,305
Deferred and contingent obligations.....		
		1,092,269
Reserves and undistributed profits.....		
		11,128,048
Operation and maintenance results, surplus.....		
		816,795
Unadjusted credits, collection vouchers in transit.....		
		14,857
Government aid for reclamation of arid lands:		
Reclamation fund.....		
		\$202,728,225
National Industrial Recovery and P. W. A. allotments.....		
		73,421,000
Emergency Relief allotments.....		
		48,372,012
Funds transferred from other departments.....		
		4,002,738
General fund:		
Central Valley project.....		38,400,000
Grand Coulee Dam.....		69,750,000
Water Conservation and Utility projects.....		5,000,000
Other appropriations.....		7,598,666
Total.....		449,362,641
Less nonreimbursable appropriation, Rio Grande Dam.....		1,000,000
		448,362,641
Less impairment of funds:		
Abandoned works.....		\$2,829,885
Nonreimbursable construction cost.....		881,648
Operation and maintenance cost, uncollectible.....		453,272
Charge-offs, act of May 25, 1926.....		14,609,308
Washington office cost since Dec. 5, 1924.....		2,504,732
Other items.....		55,004
Less impounded funds, economy acts, reclamation fund.....		261,552
		21,685,462
Total credits.....		426,677,180
		747,028,716

<sup>1</sup> Contra. Source: Dept. of the Interior, Bureau of Reclamation; Annual Report of the Secretary.

No. 588.—IRRIGATION PROJECTS, FEDERAL—COSTS AND AMOUNTS TO BE REPAID BY WATER USERS, BY PROJECTS, TO JUNE 30, 1939

STATE AND PROJECT	Construction cost	Operation and maintenance cost before public notice (net)	Operation and maintenance deficits and arrearages and penalties	DEDUCTION		Total to be repaid by water users
				Construction revenues, contributed funds, etc.	Abandoned works, nonreimbursable cost, etc.	
Total.....	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Total.....	396,387,118	3,147,094	9,103,796	10,543,618	17,133,901	380,960,488
Arizona: Gila.....	4,192,411	-----	-----	-----	-----	4,192,411
Salt River.....	19,061,194	115,994	1,023,020	2,312,097	382,097	18,406,013
Yuma Auxiliary.....	902,061	-----	590	1,085	-----	901,565
Arizona-California: Yuma.....	9,373,406	388,935	207,064	246,264	-----	9,723,140
California: Central Valley.....	17,624,335	-----	-----	-----	-----	17,624,335
Orland.....	2,448,670	111,433	59,346	28,415	-----	2,468,167
Colorado:	-----	-----	-----	-----	-----	-----
Colorado-Big Thompson.....	2,402,395	-----	-----	478	-----	2,401,916
Fruit Growers Reservoir.....	162,298	-----	-----	-----	-----	162,298
Grand Valley.....	5,020,613	138,621	4,529	269,693	812,375	4,081,696
Pine River.....	1,263,595	-----	-----	520	-----	1,263,075
Uncompahgre.....	8,582,683	311,103	196,504	25,004	1,260,792	7,804,434
Idaho:	-----	-----	-----	-----	-----	-----
Boise.....	16,799,780	422,283	903,699	867,600	82,394	17,175,770
Boise-Payette.....	2,370,036	1,489	-----	-----	-----	2,868,548
King Hill.....	1,005,919	-----	110,123	28,187	1,987,854	-----
Mildoka.....	16,230,345	318,022	622,669	2,022,574	2,288	18,146,173
Upper Snake River.....	2,524,799	-----	-----	1,224	-----	2,523,575
Kansas: Garden City.....	342,964	52,868	-----	61,357	334,475	-----
Montana:	-----	-----	-----	-----	-----	-----
Bitter Root.....	947,641	-----	516,638	-----	-----	1,464,279
Buffalo Rapids.....	1,107,369	-----	-----	-----	-----	1,107,369
Chain Lakes.....	1,229,805	-----	-----	40,000	-----	1,189,805
Frenchtown.....	264,100	5,476	-----	-----	-----	269,635
Huntley.....	1,550,690	1,000	391,067	24,893	62,050	1,823,805
Milk River.....	6,924,891	436,997	101,062	74,401	1,735,969	5,652,580
Sun River.....	8,907,494	132,651	103,106	47,371	89,651	9,006,230
Montana-North Dakota: Lower Yellowstone.....	3,685,433	1,617	922,893	108,255	382,254	4,110,901
Nebraska-Wyoming: North Platte.....	19,383,101	743,294	1,516,466	676,728	-----	20,966,153
Nevada:	-----	-----	-----	-----	-----	-----
Humboldt.....	1,192,351	-----	-----	-----	-----	1,192,351
Newlands.....	7,047,283	1,155	44,970	52,348	4,437,820	3,495,936
Truckee River Storage.....	1,037,142	-----	-----	20,003	-----	1,017,139
New Mexico: Carlsbad.....	3,694,159	117,752	93,396	29,108	374,884	3,335,811
Hondo.....	339,492	32,952	-----	656	371,788	-----
Tucumanari.....	69,718	-----	-----	-----	-----	69,718
New Mexico-Texas: Caballo Dam.....	2,099,000	-----	-----	12,414	-----	2,086,586
Rio Grande.....	15,411,682	15,771	364,532	1,205,291	361,901	14,224,793
Rio Grande Power.....	319,596	-----	-----	-----	-----	319,596
North Dakota: Buford-Trenton.....	223,423	132	-----	1,968	221,424	-----
Williston.....	517,630	165	-----	105,657	411,808	-----
Oregon:	-----	-----	-----	-----	-----	-----
Baker.....	281,592	-----	-----	5,093	-----	276,589
Burnt River.....	603,288	-----	-----	1,291	-----	601,997
Deschutes.....	218,179	-----	-----	-----	-----	218,179
Stanfield.....	97,830	-----	-----	-----	-----	97,830
Umatilla.....	5,138,950	-----	230,537	98,573	888,341	4,389,578
Vale.....	4,769,804	89,711	3,027	11,283	-----	4,801,259
Oregon-California: Klamath.....	6,043,272	92,700	85,433	287,792	7,500	6,326,114
Oregon-Idaho: Owyhee.....	17,020,176	-----	-----	10,611	-----	17,071,299
South Dakota: Belle Fourche.....	4,528,975	1,389	676,578	21,840	379,032	4,789,698
Utah:	-----	-----	-----	-----	-----	-----
Hyrum.....	922,942	-----	-----	9,071	-----	913,871
Moon Lake.....	1,528,501	-----	-----	3,093	-----	1,525,408
Ogden River.....	4,003,501	2,362	-----	12,877	-----	4,016,380
Provo River.....	2,030,931	-----	-----	39,398	-----	2,070,329
Salt Lake Basin.....	2,725,885	-----	5,897	46,136	-----	2,772,018
Sanpete.....	365,964	-----	-----	1,284	-----	364,680
Strawberry Valley.....	3,507,423	10,744	89,635	258,379	-----	3,849,424
Washington:	-----	-----	-----	-----	-----	-----
Grand Coulee.....	81,700,288	-----	-----	188,690	-----	81,511,685
Okanogan.....	1,452,129	147,767	26,883	7,496	997,862	425,887
Yakima.....	26,254,775	64,857	150,219	538,619	4,215	25,797,804
Yakima-Roza.....	6,838,257	-----	-----	-----	-----	6,838,257
Wyoming:	-----	-----	-----	-----	-----	-----
Kondrick.....	15,211,010	4,919	-----	9,014	-----	15,206,915
Riverton.....	5,790,040	-----	125,017	23,900	-----	5,891,788
Shoshone.....	10,096,466	36,747	467,236	705,447	1,545,129	8,349,873
Shoshone-Heart Mountain.....	2,583,871	-----	-----	-----	-----	2,583,871

1 Contra. Source: Dept. of the Interior, Bureau of Reclamation; Annual Report of the Secretary.

NO. 589.—IRRIGATION PROJECTS, FEDERAL—CHARGES AND RENTAL, BY PROJECTS, TO JUNE 30, 1939

STATE AND PROJECT	CONSTRUCTION WATER-RIGHT CHARGES			OPERATION AND MAINTENANCE CHARGES (AFTER PUBLIC NOTICE)			RENTAL OF IRRIGATION WATER		
	Due	Collected †	Uncollected	Due	Collected †	Uncollected	Due	Collected †	Uncollected
Total .....	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
	54,156,271	52,575,406	1,580,865	33,989,718	33,781,065	208,653	10,757,577	10,807,132	150,445
Arizona:									
Salt River .....	7,399,319	7,399,319	-----	-----	-----	-----	2,246,720	2,246,726	-----
Yuma Auxiliary .....	576,019	575,020	999	533,452	529,867	3,586	16,028	16,171	757
Arizona-California:									
Yuma .....	4,497,625	4,441,508	56,116	4,333,271	4,328,067	5,204	584,406	584,449	47
California: Orland .....	854,423	827,251	27,172	743,335	727,644	15,691	121,683	121,683	-----
Colorado:									
Grand Valley .....	308,766	302,115	6,652	556,995	556,995	-----	555,536	555,536	-----
Uncompahgre .....	695,611	548,162	147,449	1,008,684	1,008,684	-----	1,235,781	1,222,712	13,069
Idaho:									
Boise .....	4,646,708	4,639,480	7,223	2,225,127	2,225,127	-----	830,189	830,189	-----
Boise-Payette .....	-----	-----	-----	-----	-----	-----	1,489	1,306	183
King Hill .....	-----	-----	-----	60,711	60,711	-----	-----	-----	-----
Minidoka .....	8,913,862	8,677,851	236,001	2,320,886	2,302,226	18,660	913,619	911,894	1,725
Montana:									
Bitter Root .....	108,387	54,112	54,255	-----	-----	-----	-----	-----	-----
Huntley .....	696,733	605,178	805	554,737	554,737	-----	14,119	14,119	-----
Milk River .....	171,064	58,605	113,359	523,127	495,188	27,939	230,073	230,334	8,739
Sun River .....	345,552	337,598	7,955	168,719	168,719	-----	182,670	182,126	544
Montana-N. Dakota:									
Lower Yellowstone .....	465,233	429,067	35,266	338,563	338,563	-----	138,209	137,151	1,058
Nebraska-Wyoming:									
North Platte .....	4,841,648	4,783,468	58,179	2,003,109	1,992,255	10,854	354,168	354,168	-----
Nevada: Newlands .....	1,372,135	1,366,046	5,190	1,174,582	1,174,582	-----	28,291	28,291	-----
New Mexico:									
Carlsbad .....	918,084	909,723	8,361	1,085,825	1,085,825	-----	41,293	41,293	-----
Hondo .....	-----	-----	-----	-----	-----	-----	9,130	9,130	-----
New Mexico-Texas:									
Rio Grande .....	3,773,029	3,773,029	-----	5,296,381	5,296,381	-----	1,693,751	1,672,975	20,776
North Dakota:									
Buford-Trenton .....	-----	-----	-----	2,317	2,317	-----	32	32	-----
Williston .....	-----	-----	-----	34,043	34,043	-----	2,117	2,117	-----
Oregon:									
Baker .....	14,424	14,424	-----	-----	-----	-----	-----	-----	-----
Umatilla .....	649,871	417,604	232,176	398,776	398,132	644	104,704	78,427	26,277
Vale .....	-----	-----	-----	84,415	84,415	-----	21,572	21,417	155
Oregon-California:									
Klamath .....	1,355,212	1,314,822	40,389	1,502,381	1,498,247	4,134	562,878	557,071	5,807
Oregon-Idaho:									
Owyhee .....	-----	-----	-----	46,561	46,561	-----	230,214	106,714	33,500
South Dakota:									
Belle Fourche .....	755,837	672,500	83,247	1,385,787	1,385,787	-----	12,145	11,875	270
Utah:									
Hyrum .....	23,250	-----	23,250	-----	-----	-----	-----	-----	-----
Salt Lake Basin .....	304,663	304,663	-----	-----	-----	-----	-----	-----	-----
Strawberry Valley .....	1,554,557	1,554,557	-----	376,881	376,881	-----	17,596	17,596	-----
Washington:									
Okanogan .....	158,328	138,328	20,000	371,442	371,442	-----	110,645	110,645	-----
Yakima .....	7,744,602	7,328,338	416,265	6,295,513	6,174,892	120,621	225,703	188,559	37,144
Wyoming:									
Riverton .....	-----	-----	-----	-----	-----	-----	174,963	174,582	381
Shoshone .....	1,109,414	1,099,859	556	564,049	562,728	1,321	137,353	137,844	12

† Cash and other credits. Figures represent total collections of amounts due. Additional collections representing payments in advance of due dates, penalties, interest, and refunds totaled \$692,333 for construction water-right charges and \$780,929 for operation and maintenance charges, making the grand total collections under these accounts \$53,263,239 and \$34,561,994, respectively. Contributed funds applying to construction cost, which are not included in the above table, amounted to \$1,946,350.

Source: Dept. of the Interior, Bureau of Reclamation; Annual Report of the Secretary.

No. 590.—IRRIGATION PROJECTS, FEDERAL—ACREAGE IRRIGABLE AND CROPPED, AND VALUE OF CROPS, BY PROJECTS, 1939

STATE AND PROJECT	LANDS IN PROJECTS CONSTRUCTED BY BUREAU			LANDS IN PROJECTS FURNISHED SUPPLEMENTAL WATER FROM WORKS BUILT BY U. S.			LANDS IN PROJECTS FURNISHED WATER UNDER WARREN ACT		
	Irrigable acreage <sup>1</sup>	Acreage in cultivation	Crop value Dollars	Irrigable acreage <sup>1</sup>	Acreage in cultivation	Crop value Dollars	Irrigable acreage <sup>1</sup>	Acreage in cultivation	Crop value Dollars
<b>Grand total.....</b>	<b>2,310,419</b>	<b>1,754,266</b>	<b>68,587,701</b>	<b>182,321</b>	<b>149,003</b>	<b>5,181,953</b>	<b>1,396,800</b>	<b>1,174,803</b>	<b>40,313,140</b>
Arizona: Salt River.....	243,125	227,150	15,935,708	-----	-----	-----	90,943	58,044	2,759,600
Ariz.-Calif.: Yuma.....	68,013	53,023	2,458,230	-----	-----	-----	-----	-----	-----
California: Orland.....	20,526	15,507	640,070	-----	-----	-----	-----	-----	-----
Colorado:									
Grand Valley.....	30,413	19,405	665,557	-----	-----	-----	18,427	16,200	1,337,000
Uncompahgre.....	91,633	59,871	1,249,061	-----	-----	-----	3,769	3,189	67,034
Idaho:									
Boise.....	178,770	152,502	3,657,105	-----	-----	-----	126,955	113,100	2,335,020
Minidoka.....	202,843	172,280	4,902,880	-----	-----	-----	733,969	643,815	20,136,987
Montana:									
Bitter Root.....	21,888	16,010	281,878	-----	-----	-----	-----	-----	-----
Frenchtown.....	4,878	1,606	40,777	-----	-----	-----	-----	-----	-----
Huntley.....	29,552	16,533	610,183	-----	-----	-----	-----	-----	-----
Milk River.....	123,848	42,640	1,181,583	-----	-----	-----	-----	-----	-----
Sun River.....	99,431	60,656	688,648	-----	-----	-----	-----	-----	-----
Montana-North Dakota: Lower Yellowstone.....	57,200	43,932	1,472,212	-----	-----	-----	-----	-----	-----
Nebraska-Wyoming: North Platte.....	236,447	172,564	5,598,689	-----	-----	-----	124,082	105,398	3,497,183
Nevada:									
Humboldt.....	-----	-----	-----	81,138	11,874	411,534	-----	-----	-----
Newlands.....	66,788	46,960	863,603	-----	-----	-----	-----	-----	-----
New Mexico: Carlsbad.....	25,055	19,531	1,081,914	-----	-----	-----	-----	-----	-----
New Mexico-Texas: Rio Grande.....	169,019	138,078	9,541,806	-----	-----	-----	17,110	12,681	700,876
Oregon:									
Burnt River.....	-----	-----	-----	17,016	17,016	200,065	-----	-----	-----
Stanfield.....	-----	-----	-----	5,055	4,430	96,083	-----	-----	-----
Umatilla.....	18,531	12,057	216,043	-----	-----	-----	1,004	869	20,600
Vale.....	30,000	23,678	746,791	-----	-----	-----	-----	-----	-----
Oreg.-Calif.: Klamath.....	66,635	54,138	3,022,655	-----	-----	-----	66,279	46,165	1,286,778
Oregon-Idaho: Owyhee.....	100,089	73,345	1,856,611	-----	-----	-----	13,960	11,690	420,840
S. Dak.: Belle Fourche.....	72,746	34,222	821,222	-----	-----	-----	-----	-----	-----
Utah:									
Salt Lake Basin.....	-----	-----	-----	80,484	86,984	3,670,291	-----	-----	-----
Hyrum.....	-----	-----	-----	8,329	5,948	200,687	-----	-----	-----
Ogden River.....	-----	-----	-----	18,549	11,940	487,655	-----	-----	-----
Sanpete.....	-----	-----	-----	12,750	10,811	115,638	-----	-----	-----
Strawberry Valley.....	41,205	38,577	871,611	-----	-----	-----	6,269	5,929	150,170
Washington:									
Okanogan.....	5,366	3,369	361,074	-----	-----	-----	-----	-----	-----
Yakima.....	205,156	166,622	7,756,446	-----	-----	-----	188,677	157,376	7,534,111
Wyoming:									
Riverton.....	38,000	29,181	642,424	-----	-----	-----	347	347	6,035
Shoshone.....	73,272	67,730	1,421,031	-----	-----	-----	-----	-----	-----

<sup>1</sup> Lands for which the Bureau is prepared to supply water.

No. 591.—BOULDER CANYON PROJECT—FINANCIAL STATEMENT AS OF JUNE 30, 1939

[All figures in thousands of dollars]

	Amount		Amount
<b>Total assets.....</b>	<b>140,325</b>	<b>Total liabilities.....</b>	<b>140,325</b>
Investments.....	135,910	Capital and long-term liability.....	130,893
Fixed capital under construction.....	110,128	Advanced from U. S. Treasury general fund.....	117,810
Other physical properties.....	1,430	Appropriated but not advanced.....	3,500
Investigations, Colorado River Basin and Parker-Gila project.....	808	Less: Impounded, Legislative Economy Act.....	1,158
Interest during construction—other capital expenditures.....	18,615	N. I. R. A. allotment.....	93
Earnings and expenses during construction.....	1,572	Interest on advances to Colorado River Dam fund.....	18,590
Treasury cash.....	4,041	Judgments—Court of Claims.....	38
Disbursing officers' cash.....	490	Audited accounts payable.....	140
Accounts receivable.....	23	Unadjusted credits.....	11
Deferred and unadjusted debits.....	1,189	Reserve for amortization of long-term debt and payment to States.....	281

<sup>1</sup> Contra.

Source of tables 590 and 591: Dept. of the Interior, Bur. of Reclamation; Annual Report of the Secretary.



**NO. 592.—IRRIGATION PROJECTS, FEDERAL—ACREAGE IRRIGABLE, IRRIGATED, AND NET AREA IN CULTIVATION, AND VALUE OF CROPS, 1924 TO 1939; NET AREA, PRODUCTION AND VALUE OF CROPS, 1938 AND 1939**

**NOTE.—** Acreage in thousands and value in thousands of dollars, except for individual crops. Net area in cultivation and value exclude data for lands on Government projects cropped without irrigation

YEAR	REGULAR AND SUPPLEMENTAL WATER PROJECTS				WARREN ACT LAND			ENTIRE AREA		
	Irrigable acreage	Irrigated acreage	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value
1924	1,806	1,291	1,217	66,489	931	889	43,237	2,222	2,106	109,726
1925	1,803	1,320	1,243	77,609	1,019	951	53,656	2,330	2,194	131,265
1926	1,845	1,411	1,320	80,370	1,007	950	49,750	2,508	2,278	110,120
1927	1,957	1,379	1,327	70,985	1,148	1,072	61,160	2,527	2,399	132,145
1928	1,833	1,442	1,386	80,239	1,235	1,192	62,495	2,677	2,573	142,734
1929	1,922	1,484	1,420	87,560	1,234	1,193	72,720	2,718	2,613	160,280
1930	1,993	1,505	1,467	64,419	1,280	1,254	54,655	2,791	2,722	119,073
1931	2,027	1,623	1,463	40,121	1,294	1,252	33,406	2,817	2,714	73,527
1932	2,039	1,655	1,506	31,166	1,214	1,196	18,627	2,770	2,703	49,793
1933	2,026	1,690	1,530	48,139	1,239	1,199	35,228	2,829	2,729	83,564
1934	1,966	1,552	1,464	59,628	1,285	1,230	40,161	2,837	2,694	99,789
1935	2,114	1,641	1,604	63,602	1,295	1,257	43,180	2,936	2,861	106,781
1936	2,166	1,702	1,620	78,903	1,336	1,273	57,000	3,038	2,902	136,602
1937	2,195	1,725	1,701	72,894	1,389	1,334	45,765	3,115	3,035	118,658
1938	2,276	1,778	1,764	67,860	1,329	1,276	45,604	3,107	3,041	113,463
1939	2,403	1,923	1,903	73,770	1,218	1,175	40,313	3,141	3,078	114,083

**REGULAR AND SUPPLEMENTAL WATER PROJECTS—INDIVIDUAL CROPS**

CROP	NET AREA <sup>1</sup>		PRODUCTION		CROP VALUE		YTD PER ACRE	
	1938	1939	1938	1939	1938	1939	1938	1939
			Bushels	Bushels	Dollars	Dollars	Bushels	Bushels
<b>Total, all crops</b>	1,764,363	1,903,269			87,899,804	73,769,654		
<b>Cereals</b>	446,893	420,801	14,643,427	14,024,582	5,909,266	6,778,171		
Barley	98,367	117,261	3,718,431	4,359,086	1,312,302	1,887,404	37.8	37.2
Corn	66,978	74,825	2,185,241	2,338,282	1,071,304	1,295,088	32.6	31.3
Oats	68,304	73,471	2,630,462	2,874,797	679,261	867,593	38.5	39.1
Rye	1,994	2,672	29,547	32,867	11,669	15,552	14.8	12.3
Wheat	185,031	135,243	5,013,848	3,760,210	2,319,401	2,291,926	27.1	27.8
Other	26,219	17,329	1,065,898	659,360	515,249	420,208	40.6	33.0
<b>Seeds</b>	103,213	121,732	1,140,915	886,912	3,268,046	3,632,253		
Alfalfa seed	42,410	47,121	101,392	118,037	959,615	1,037,769	2.4	2.5
Clover seed	34,594	47,815	147,701	176,074	988,362	1,220,572	4.3	3.7
Other	26,206	26,796	891,822	592,801	1,320,069	1,373,912	34.0	22.1
			Tons	Tons			Tons	Tons
<b>Hay and forage</b>	1,301,269	1,470,399	1,722,633	1,818,761	14,540,419	15,871,149		
Alfalfa hay	435,233	497,041	1,249,881	1,436,567	8,867,566	10,230,253	2.9	2.6
New alfalfa	5,995	64,487						
Other hay	86,747	118,249	136,661	174,959	885,818	1,102,099	1.6	1.5
Corn fodder	18,952	19,429	102,298	105,923	360,878	421,494	5.4	5.5
Other forage	137,864	133,700	233,803	101,312	1,224,707	289,936	1.7	.8
Beef tops	105,654	111,254			322,307	291,136		
Pasture	510,794	536,239			2,889,143	3,036,231		
			Bushels	Bushels			Bushels	Bushels
<b>Vegetables and truck</b>	203,591	225,764	26,819,485	36,931,679	15,938,231	17,877,081		
Beans	47,421	52,953	1,091,986	1,242,765	1,301,006	2,047,626	23.0	23.5
Onions	3,008	4,268	1,277,244	1,820,240	394,560	298,728	416.3	426.5
Potatoes, white	78,389	81,870	16,330,300	19,137,015	5,491,703	6,433,625	208.3	233.7
Sweetpotatoes	1,459	1,504	216,433	197,394	192,381	174,849	148.3	131.2
Truck <sup>4</sup>	60,108	70,548	7,003,522	14,634,265	7,135,281	7,163,069	131.5	206.0
Garden	12,146	14,021			1,403,300	1,760,884		
			1,000 lbs.	1,000 lbs.			Pounds	Pounds
<b>Fruits and nuts</b>	66,100	69,431	773,168	657,197	6,774,310	6,725,621		
Apples	22,570	22,271	356,312	337,107	3,098,038	2,737,631	15,787	15,137
Peaches	4,777	6,176	35,524	32,400	401,339	479,464	7,437	5,266
Pears	8,424	8,059	100,813	75,159	554,810	1,018,022	11,967	9,330
Prunes	2,424	2,498	20,998	22,817	143,280	171,627	8,650	9,134
Citrus fruits	14,419	14,367	216,267	142,403	1,993,799	1,748,506	14,999	9,612
Small fruits	6,909	9,116	41,779	44,986	1,004,172	1,346,919	6,047	4,935
Miscellaneous	6,577	6,947	1,505	2,264	178,872	226,352	229	320
			Tons	Tons			Tons	Tons
<b>Miscellaneous</b>	254,477	249,315			16,176,724	16,132,094		
Cotton	135,829	130,350	154,931	159,732	7,594,274	8,130,348	1.1	1.2
Cottonseed			65,143	68,804	1,628,616	1,667,266	.5	.5
Sugar beets	111,589	114,674	1,578,301	1,435,166	6,758,924	5,991,841	14.1	12.5
Other crops	7,059	4,201			294,910	336,639		
Duplication	692,440	707,498						

<sup>1</sup> Total includes soil improvement land, as follows: Acres in soil-building crops—1937, 14,101; 1938, 13,668; 1939, 17,561. Acres in fallowed land—1937, 38,488; 1938, 38,652; 1939, 35,764.

<sup>2</sup> Total includes payments of \$2,360,492 received from Government and commercial agencies in 1937, \$5,252,808 in 1938, and \$7,253,285 in 1939.

<sup>3</sup> Totals represent net areas after deducting areas subsequently used for other crops or pasture; detail is total area in cultivation, no deductions being made for duplicated areas.

<sup>4</sup> Reported yields incomplete for 1938. <sup>5</sup> Bales of 500 pounds each.

NO. 593.—IRRIGATION ENTERPRISES—SUMMARY FOR THE 19 IRRIGATION STATES:  
1910, 1920, AND 1930

NOTE.—Tables 593 to 596 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 19 irrigation States shown in table 595

ITEM	CENSUS OF 1—			Per- cent in- crease 1920- 1930 <sup>2</sup>
	1909-10	1910-20	1929-30	
All farms.....number.....	1, 776, 046	1, 916, 391	2, 062, 813	7. 6
All land in farms.....1,000 acres.....	413, 463	505, 441	563, 694	12. 5
Approximate land area.....do.....	1, 224, 063	1, 223, 980	1, 223, 989	
Farms irrigated.....number.....	162, 723	222, 789	265, 147	19. 0
Area irrigated.....1,000 acres.....	14, 433	19, 102	19, 543	1. 9
Area of irrigated crops harvested.....do.....	( <sup>3</sup> )	( <sup>3</sup> )	14, 633	
Area enterprises were capable of supplying with water.....1,000 acres.....	20, 285	26, 020	26, 102	. 3
Area in enterprises <sup>4</sup> .....do.....	32, 245	35, 891	30, 590	
Proportion irrigated:				
All farms.....percent.....	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, 820	6, 554	-4. 0
Excess of area in enterprises <sup>4</sup> over area irrigated.....do.....	17, 812	16, 690	11, 052	
Area in enterprises available, or to be available, for settlement.....1,000 acres.....	( <sup>5</sup> )	2, 258	1, 682	-25. 5
Value of irrigated farms [land, buildings (including dwellings), and implements and machinery].....1,000 dollars.....	( <sup>3</sup> )	( <sup>3</sup> )	4, 886, 893	
Average, per acre.....dollars.....			62. 38	
Value of irrigated crops harvested.....1,000 dollars.....	( <sup>3</sup> )	( <sup>3</sup> )	899, 043	
Investment in irrigation enterprises.....do.....	321, 454	697, 667	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 <sup>4</sup> .....dollars.....	13. 58	22. 84	37. 76	
Average annual cost, per acre, for maintenance and operation of irrigation works.....dollars.....		2. 43	2. 77	14. 0

<sup>1</sup> Figures for acreage irrigated, value of crops harvested, etc., relate to 1909, 1919, and 1929; those for number of farms, total land in farms, etc., to 1910, 1920, and 1930.

<sup>2</sup> A minus sign (-) denotes decrease.

<sup>3</sup> Total area, 1910 and 1920, irrigable area, 1930.

<sup>4</sup> Figures not available.

<sup>5</sup> Not reported.

NO. 594.—IRRIGATION ENTERPRISES, BY CHARACTER, BY ACREAGE AND INVESTMENT: 1920 AND 1930

NOTE.—See headnote, table 593

ITEM AND CHARACTER	AREA IRRIGATED (ACRES)		AREA ENTERPRISES WERE CAPABLE OF SUPPLYING WITH WATER (ACRES)		AREA IN ENTERPRISES (ACRES) <sup>1</sup>		Investment (thousands of dollars), 1930
	1919	1929	1920	1930	1920	1930	
Total.....	19, 191, 718	19, 547, 544	26, 020, 477	28, 101, 890	35, 890, 321	30, 599, 470	1, 032, 756
Individual and partnership.....	6, 848, 807	6, 410, 581	9, 255, 756	7, 982, 142	13, 005, 415	8, 969, 051	327, 867
Cooperative.....	6, 581, 400	6, 271, 334	8, 403, 298	7, 831, 081	10, 628, 543	8, 698, 806	170, 330
Irrigation district.....	1, 822, 887	3, 452, 275	2, 531, 425	4, 846, 095	3, 432, 109	6, 013, 347	210, 733
Cary Act.....	523, 020	86, 772	804, 208	174, 246	1, 185, 937	192, 246	7, 556
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	231, 840	484, 436	739, 446	982, 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, 450	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, 873	13, 144	250, 881	2, 783
Not reported.....	570		625		700		

<sup>1</sup> Total area, 1920; irrigable area, 1930.

Source of tables 593 and 594: Dept. of Commerce, Bureau of the Census; Fifteenth Census Reports, Irrigation of Agricultural Lands,

No. 595.—IRRIGATION ENTERPRISES, BY AREA, 1910, 1920, AND 1930, AND BY INVESTMENT AND COSTS, 1920 AND 1930, BY STATES

STATE	AREA IN ENTERPRISES (ACRES) <sup>1</sup>			AREA ENTERPRISES WERE CAPABLE OF SUPPLYING WITH WATER (ACRES)		AREA IRRIGATED (ACRES)		
	1910	1920	1930	1920	1930	1909	1919	1929
Total.....	32,245,464	36,890,821	30,699,470	26,020,477	26,101,890	14,438,285	19,191,716	19,547,544
Arizona.....	944,090	813,163	1,085,627	627,303	824,152	320,051	467,565	575,590
Arkansas.....	52,883	246,480	225,992	179,013	209,942	27,763	143,946	151,787
California.....	5,490,360	7,805,207	8,075,895	5,894,406	6,815,250	2,664,104	4,210,040	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	3,393,019
Idaho.....	3,549,573	3,780,048	2,814,048	3,092,810	2,617,021	1,430,848	2,488,806	2,181,250
Kansas.....	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	450,001
Montana.....	3,515,002	4,329,148	2,622,423	2,753,498	2,276,000	1,679,084	1,681,729	1,594,912
Nebraska.....	680,133	706,708	703,039	562,468	703,641	265,950	342,690	532,617
Nevada.....	1,232,142	1,382,036	983,717	704,708	736,249	701,833	561,447	486,648
New Mexico.....	1,102,297	961,879	741,245	696,119	656,669	461,718	538,377	527,033
North Dakota.....	38,173	57,476	24,860	34,235	24,006	10,248	12,072	9,302
Oklahoma.....	8,528	11,742	7,344	9,672	7,331	4,388	2,969	1,573
Oregon.....	2,527,208	1,925,987	1,478,128	1,344,046	1,168,210	686,120	986,162	895,713
South Dakota.....	201,625	188,382	122,510	150,914	109,550	63,248	100,682	67,107
Texas.....	1,253,173	1,687,447	1,566,876	1,150,542	1,177,415	451,130	586,120	798,917
Utah.....	1,947,625	2,369,244	1,739,869	1,700,550	1,642,475	990,410	1,371,651	1,324,125
Washington.....	817,032	836,795	915,379	637,151	631,611	334,378	529,899	499,283
Wyoming.....	2,224,298	2,564,668	1,953,147	1,831,039	1,656,008	1,133,302	1,207,932	1,236,155

STATE	INVESTMENT				ESTIMATED FINAL COST				Average cost of maintenance and operation per acre (dollars) <sup>2</sup>	
	Amount (thousands of dollars)		Average per acre (dollars)		Amount (thousands of dollars)		Average per acre (dollars)		1920	1930
	1920	1930	1920	1930	1920	1930	1920	1930		
Total.....	697,657	1,032,759	26.81	39.57	819,778	1,155,108	22.84	37.75	2.48	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	7.08
California.....	194,886	450,968	33.06	66.17	225,799	465,031	28.93	57.69	4.40	6.10
Colorado.....	88,302	87,003	22.90	21.48	95,198	91,846	18.24	20.28	.87	.85
Idaho.....	91,601	84,600	29.59	32.29	97,020	101,350	25.67	36.02	1.17	1.44
Kansas.....	2,067	1,686	30.47	20.17	2,196	1,724	21.41	18.01	3.29	1.53
Louisiana.....	14,063	15,745	19.30	19.80	14,264	15,771	16.79	18.55	7.01	4.09
Montana.....	52,143	50,319	18.94	22.11	70,070	58,490	16.19	22.30	1.26	.87
Nebraska.....	13,900	21,880	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	10,834	26.10	30.20	20,441	21,042	21.25	29.60	2.41	2.15
North Dakota.....	1,867	1,267	54.25	52.79	2,073	1,344	36.06	54.06	5.50	1.07
Oklahoma.....	151	160	15.65	21.84	163	168	13.86	22.86	2.92	7.62
Oregon.....	28,029	38,755	21.62	33.46	41,680	60,040	21.59	40.62	1.19	1.41
South Dakota.....	5,465	4,502	36.21	41.10	5,601	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.....	29,269	40,562	45.98	64.23	37,685	53,232	45.03	58.15	3.45	4.14
Wyoming.....	34,326	35,153	18.75	21.24	51,600	41,970	20.08	21.43	1.04	.84

<sup>1</sup> Total area, 1910 and 1920, irrigable area, 1930.

<sup>2</sup> When water is pumped, cost of operation includes cost of fuel and attendance.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Irrigation of Agricultural Lands.

NO. 596.—IRRIGATION ENTERPRISES, BY ACREAGE AND INVESTMENT, BY DRAINAGE BASINS: 1920 AND 1930

NOTE.—See headnote, table 593

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.....	19,181,716	19,547,544	26,101,890	30,599,470	697,637	1,032,766
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	131,653	136,507
Mississippi River and tributaries, exclusive of Missouri River.....	958,493	902,860	1,170,583	1,280,730	35,184	31,832
Gulf streams other than Mississippi River and Rio Grande.....	698,077	602,968	1,221,997	1,536,404	29,440	28,578
Rio Grande and tributaries.....	1,204,502	1,468,913	1,807,195	2,008,439	35,836	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	4,435,520	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	2,879,612	3,059,019	66,589	72,068
Columbia River and tributaries.....	3,873,245	3,393,640	4,241,244	4,992,131	145,672	157,355
Pacific Ocean streams other than Colorado and Columbia Rivers.....	3,570,687	4,225,971	6,158,895	6,878,141	167,398	420,066

1 Not including "Independent streams in Rio Grande Drainage Basin."

NO. 597.—ALL CROPS AND IRRIGATED CROPS IN IRRIGATION STATES, BY ACREAGE AND VALUE: 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.....	361,044,557	100.0	(1)	-----	8,077,812	100.0	22.32	(1)	-----	-----
Irrigation States.....	178,614,909	49.3	14,633,252	100.0	3,400,378	42.1	19.04	899,043	100.0	61.50
Arizona.....	500,342	.1	448,500	3.1	32,367	.4	64.69	31,021	3.4	69.12
Arkansas.....	6,550,238	1.8	146,910	1.0	210,182	2.6	32.06	6,683	.7	45.49
California.....	6,823,727	1.8	3,540,350	24.2	537,479	6.7	81.14	446,250	49.0	126.01
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	209,152	3.7	12.30	1,706	.2	29.06
Louisiana.....	4,110,643	1.1	400,375	2.7	149,750	1.9	36.43	16,235	1.8	40.45
Montana.....	7,878,625	2.2	1,343,035	9.2	87,039	1.1	11.12	28,898	3.2	21.49
Nebraska.....	21,432,100	5.9	404,481	2.8	209,127	3.7	13.96	15,545	1.7	38.43
Nevada.....	309,799	.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	181,308	2.2	8.50	278	(2)	26.07
Oklahoma.....	15,870,362	4.3	2,109	(2)	245,691	3.0	15.77	100	(2)	47.53
Oregon.....	2,861,467	.8	637,667	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.....	30,792,089	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	20,996	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 the 19 irrigation States are not available.

2 Less than one-tenth of 1 percent.

Source of tables 596 and 597: Dept. of Commerce, Bureau of the Census; Fifteenth Census Reports, Irrigation of Agricultural Lands.

No. 598.—IRRIGATED FARMS REPORTING AND ACREAGE OF IRRIGATED LAND FROM WHICH CROPS WERE HARVESTED, BY STATES: 1929 AND 1934

NOTE.—See headnote, table 597

DIVISION AND STATE	FARMS REPORTING IRRIGATED LAND						ACREAGE OF IRRIGATED LAND FROM WHICH CROPS WERE HARVESTED			
	1929	1934	Percent of all farms		Percent of farms reporting crop land harvested		1929 <sup>1</sup>	1934	Percent of crop land harvested	
			1929	1934	1929	1934			1929	1934
United States.....	296,189		4.3		4.7		13,034,174		4.4	
Total, 19 States <sup>2</sup> .....	286,147	289,779	12.9	13.3	13.7	15.1	14,633,252	12,938,381	8.2	10.9
New England.....		51	(3)		(3)			567	(3)	
Maine.....		6	(3)		(3)			23	(3)	
New Hampshire.....		6	(3)		(3)			17	(3)	
Vermont.....		1	(3)		(3)			2	(3)	
Massachusetts.....		22	.1		.1			322		.1
Rhode Island.....		5	.1		.1			88		.1
Connecticut.....		11	(3)		(3)			115	(3)	
Middle Atlantic.....		1,380	.3		.4			12,170		.1
New York.....		488	.3		.3			3,221	(3)	
New Jersey.....		699	2.4		2.5			7,902		.9
Pennsylvania.....		193	.1		.1			1,047	(3)	
East North Central.....		1,595	.1		.2			12,328	(3)	
Ohio.....		165	.3		.3			4,598	(3)	
Indiana.....		652	.1		.1			532	(3)	
Illinois.....		42	(3)		(3)			193	(3)	
Michigan.....		718	.4		.4			5,567		.1
Wisconsin.....		78	(3)		(3)			1,438	(3)	
West North Central.....	6,161	8,029	1.3	.7	1.4	.8	531,432	461,506	4.6	.5
Minnesota.....		61	(3)		(3)			438	(3)	
Iowa.....		107	(3)		.1			1,461	(3)	
Missouri.....		143	.1		.1			981	(3)	
North Dakota.....	113	273	.1	.3	.1	.4	10,651	11,759	.1	.1
South Dakota.....	763	974	.9	1.2	.9	1.8	59,391	56,555	.3	1.2
Nebraska.....	4,002	5,140	3.6	3.8	3.6	4.6	404,481	345,417	1.9	2.8
Kansas.....	683	1,331	.4	.8	.4	.9	56,939	44,835	.2	.3
South Atlantic.....		2,978	.3		.3			67,293		.2
Delaware.....		3	(3)		(3)			8	(3)	
Maryland.....		9	(3)		(3)			79	(3)	
Virginia.....		36	(3)		(3)			387	(3)	
West Virginia.....		11	(3)		(3)			47	(3)	
North Carolina.....		31	(3)		(3)			125	(3)	
South Carolina.....		65	(3)		(3)			414	(3)	
Georgia.....		72	(3)		(3)			401	(3)	
Florida.....		2,751	3.8		4.1			65,832		4.2
East South Central.....		95	(3)		(3)			505	(3)	
Kentucky.....		37	(3)		(3)			234	(3)	
Tennessee.....		4	(3)		(3)			57	(3)	
Alabama.....		48	(3)		(3)			193	(3)	
Mississippi.....		6	(3)		(3)			21	(3)	
West South Central.....	17,644	24,438	1.6	2.2	1.7	2.3	1,143,681	1,067,016	2.0	2.2
Arkansas.....	1,066	1,284	.5	.5	.5	.5	146,910	135,179	2.2	2.1
Louisiana.....	5,588	6,585	3.5	3.9	3.7	4.0	400,375	361,943	9.8	9.1
Oklahoma.....	69	184	(3)	.1	.1	.1	2,109	1,361	(3)	(3)
Texas.....	10,861	16,435	2.2	3.3	2.4	3.7	594,287	568,533	1.9	2.2
Mountain.....	128,222	134,797	53.1	49.7	59.3	64.5	8,374,795	6,897,918	36.0	47.1
Montana.....	11,925	13,864	25.1	27.4	27.1	35.6	1,343,035	1,272,054	17.1	27.7
Idaho.....	27,953	28,350	67.1	62.8	71.3	68.9	1,634,321	1,388,200	51.9	52.0
Wyoming.....	7,303	7,860	45.6	44.9	50.8	61.2	978,106	773,930	48.7	63.4
Colorado.....	31,288	30,321	52.2	47.6	57.1	61.6	2,291,927	1,882,888	34.0	48.9
New Mexico.....	14,347	17,093	45.7	41.3	56.1	69.8	371,269	314,310	24.9	42.3
Arizona.....	8,523	10,050	60.1	53.4	83.0	76.1	448,806	430,056	98.8	88.0
Utah.....	23,847	24,332	87.8	79.3	95.3	92.0	917,139	583,183	79.1	71.6
Nevada.....	3,031	2,927	88.1	79.2	98.2	95.2	390,192	253,286	98.2	93.0
Pacific.....	113,120	122,776	43.2	41.0	47.8	46.8	4,583,344	4,514,873	34.9	34.6
Washington.....	15,949	18,156	22.5	21.6	24.4	23.3	405,927	422,335	11.1	11.6
Oregon.....	11,387	13,243	20.6	20.4	22.4	22.3	637,997	578,838	22.0	20.4
California.....	85,784	91,347	63.2	60.8	71.3	70.0	3,540,350	3,513,700	54.1	53.4

<sup>1</sup> Acreage of irrigated crops. May include some duplication on account of harvesting of 2 irrigated crops from same land.

<sup>2</sup> This item gives comparable figures for the 2 years for those States covered by irrigation census for 1929.

<sup>3</sup> Less than one-tenth of 1 percent.

<sup>4</sup> For farms in North Dakota, South Dakota, Nebraska, and Kansas only.

Source: Dept. of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 599.—IRRIGATED CROPS HARVESTED, BY ACREAGE, PRODUCTION, AND VALUE: 1929

NOTE.—See headnote, table 597

CROP	Acreage	PRODUCTION			VALUE (DOLLARS)	
		Unit	Amount	Per acre	Amount	Per acre
<b>Total</b> <sup>1</sup>	14,833,252				899,942,549	61.80
<b>Cereals, total</b>	3,250,829	Bushel	111,801,074	34.4	94,057,264	28.94
Corn harvested for grain	348,663	do	10,925,296	31.3	8,923,428	25.60
Wheat threshed	1,017,021	do	27,995,376	27.5	28,640,910	28.14
Oats thrashed for grain	383,491	do	14,285,960	37.2	7,021,831	18.30
Barley	668,685	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	44.00
Mixed grains and other cereals	26,066	do	771,089	28.6	672,419	21.23
<b>Other grains and seeds, total</b>	687,843				43,777,658	63.64
Canada and other ripe field peas <sup>2</sup>	101,315	Bushel	1,471,670	14.5	3,237,789	31.96
Navy and other ripe field beans <sup>2</sup>	366,776	do	5,408,492	23.0	33,492,746	91.67
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	59.06
<b>Hay crops, total</b>	6,758,431	Ton	13,438,922	2.0	169,163,452	25.03
Tamo hay	5,456,183	do	12,230,422	2.2	158,216,955	29.00
Alfalfa	4,006,351	do	10,384,668	2.5	130,599,362	33.35
Timothy and (or) timothy and clover mixed	679,014	do	973,565	1.4	11,247,379	16.64
Clover alone	83,502	do	120,410	1.4	1,324,897	15.87
Annual legumes saved for hay <sup>4</sup>	10,833	do	27,020	1.4	275,579	13.85
Small grasses cut for hay	219,842	do	318,753	1.5	4,494,660	20.49
Other tame grasses	356,211	do	414,097	1.2	4,274,838	12.00
Wild, salt, and prairie grasses	1,303,248	do	1,199,506	0.9	10,946,497	8.40
<b>Silage and miscel. forage crops</b>	88,431	do	514,162	5.8	3,740,835	42.30
Corn cut for fodder	37,764		(9)		(7)	
<b>Vegetables, total</b>	782,274				138,809,737	177.44
Potatoes (Irish or white)	262,506	Bushel	47,607,488	188.3	59,618,017	231.87
Sweetpotatoes and yams	10,034	do	1,124,047	105.7	1,732,489	162.92
Vegetables harvested for sale	518,835				78,459,221	151.22
<b>Sugar crops, total</b>	602,479				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	628				72,828	137.93
<b>Cotton, including cottonseed</b>	893,745				67,003,012	74.97
Lint cotton	803,745	Bale	624,126	7	68,667,194	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	181,663				372,087	2.83
<b>Land in orchard and subtropical fruits, vineyards, and planted nut trees</b>	1,494,637					
<b>Orchard fruits, total</b>	6 <sup>5</sup> 43,445,883				111,113,718	72.56
Apples	6 <sup>5</sup> 9,054,962	Bushel	37,048,840	74.1	45,508,713	75.03
Peaches	6 <sup>5</sup> 10,758,112	do	14,731,990	71.4	18,312,004	71.70
Pears	6 <sup>5</sup> 6,752,440	do	9,836,530	71.7	18,371,048	73.19
Plums and prunes	6 <sup>5</sup> 10,451,409	do	8,801,389	7.8	8,357,856	7.80
Cherries	6 <sup>5</sup> 1,287,486	do	1,098,617	7.9	5,090,798	73.95
Figs	6 <sup>5</sup> 2,168,826	Pound	114,799,188	752.0	5,826,709	72.69
Apricots	6 <sup>5</sup> 3,853,026	Bushel	6,413,071	71.4	9,529,657	72.47
All other orchard fruits	6 <sup>5</sup> 119,113				116,933	71.98
<b>Grapes</b>	6 <sup>5</sup> 189,819,218	Pound	2,998,861,537	916.3	37,351,036	10.20
<b>Subtropical fruits, total</b>	6 <sup>5</sup> 20,380,559				172,184,856	78.45
Oranges	6 <sup>5</sup> 14,877,698	Box	43,465,133	73.0	119,738,668	78.21
Lemons	6 <sup>5</sup> 2,770,197	do	9,273,473	73.3	42,974,061	715.51
Grapefruit	6 <sup>5</sup> 1,478,488	do	2,701,051	71.8	6,852,367	74.03
Olives	6 <sup>5</sup> 1,148,983	Pound	39,906,000	734.7	1,636,065	71.42
All other subtropical fruits	6 <sup>5</sup> 405,323				983,106	72.43
<b>Nuts, total</b>	6 <sup>5</sup> 3,016,084	Pound	74,006,530	724.5	12,203,911	74.05
Walnuts (English or Persian)	6 <sup>5</sup> 1,663,775	do	68,368,209	741.7	11,101,932	76.87
All other nuts	6 <sup>5</sup> 1,353,209	do	4,638,321	73.4	1,101,979	77.81
<b>Small fruits, total</b>	20,348	Quart	38,549,095	1,894.5	6,305,508	309.88
Strawberries	13,605	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	1,568.8	568,126	207.42

<sup>1</sup> 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.

<sup>2</sup> Includes cowpeas. <sup>3</sup> Includes soy and velvet beans.

<sup>4</sup> Acreage included in totals for "tame hay" and "hay crops" but not in total acreage for all crops.

<sup>5</sup> Not available. <sup>6</sup> Trees of bearing age. <sup>7</sup> Average per tree.

<sup>8</sup> Vines of bearing age. <sup>9</sup> Average production per vine. <sup>10</sup> Average value per vine.

Source: Dept. of Commerce, Bureau of the Census; Fifteenth Census Reports, Irrigation of Agricultural Lands.

# 25. FARMS—GENERAL STATISTICS

[Data in this section relate to continental United States]

## No. 603.—POPULATION, FARMS, AND FARM PROPERTY—SUMMARY: 1850 TO 1935

NOTE.—Figures for 1850 and 1900 relate to June 1, for 1910 to Apr. 15, for 1920, 1925, and 1935 to Jan. 1, and for 1930 to Apr. 1, except that the classification of land according to use refers to the preceding year. Leaders indicate that data are not available

ITEM	1850	1900	1910	1920	1925	1930	1935
Total population.....	23, 191, 876	75, 994, 575	91, 972, 266	105, 710, 620	114, 035, 000	122, 775, 046	127, 152, 000
Urban.....	30, 380, 433	42, 166, 120	54, 304, 603	61, 451, 000	68, 954, 823	72, 320, 000	72, 320, 000
Rural <sup>2</sup> .....	45, 614, 142	49, 806, 146	51, 406, 017	48. 6	52, 584, 000	53, 820, 223	54, 832, 000
Percent of total.....	60. 0	54. 2	48. 8	46. 1	46. 1	43. 8	43. 1
Farm population <sup>3</sup> .....				31, 614, 269	(*)	30, 445, 350	31, 800, 907
Percent of total.....				29. 9	(*)	24. 8	25. 0
Percent of rural.....				61. 5	(*)	56. 6	58. 0
Number of farms.....	1, 449, 073	5, 737, 372	6, 361, 602	6, 448, 348	6, 371, 640	6, 288, 648	6, 812, 350
Approximate land area of United States (1,000 acres).....	1, 884, 376	1, 903, 462	1, 903, 290	1, 903, 215	1, 903, 217	1, 903, 217	1, 903, 217
Percent in farms.....	15. 6	44. 1	46. 2	60. 2	48. 6	51. 8	55. 4
All land in farms (1,000 acres).....	293, 561	838, 592	878, 798	955, 884	924, 319	986, 771	1, 054, 515
Crop land harvested.....					344, 549	359, 242	295, 624
Crop failure.....					13, 018	12, 707	63, 682
Cropland idle or fallow.....					33, 893	41, 287	56, 020
Plowable pasture.....					113, 567	100, 100	98, 579
Woodland pasture.....					76, 704	85, 322	108, 096
Other pasture.....					217, 687	260, 673	311, 226
Woodland not pastured.....					67, 067	64, 624	77, 379
All other.....					57, 834	44, 757	48, 901
Land available for crops <sup>4</sup> .....	<sup>5</sup> 113, 033	<sup>6</sup> 414, 493	<sup>6</sup> 478, 452	<sup>6</sup> 503, 073	505, 027	522, 396	513, 914
Average acreage per farm.....	202. 8	146. 2	138. 1	148. 2	145. 1	156. 9	154. 8
Value of all farm property (thousands of dollars).....	3, 987, 344	20, 439, 801	40, 891, 449	77, 923, 652	67, 017, 740	67, 245, 544	82, 868, 844
Land and buildings.....	3, 271, 575	16, 614, 647	34, 801, 126	66, 316, 003	49, 467, 647	47, 870, 838	62, 868, 844
Land.....		13, 058, 068	28, 475, 674	54, 829, 563	37, 721, 018	34, 929, 845	48, 868, 844
Buildings.....		3, 556, 639	6, 325, 452	11, 486, 440	11, 746, 629	12, 940, 094	14, 000, 000
Implements and machinery.....	151, 588	749, 776	1, 265, 150	3, 594, 773	2, 691, 704	3, 301, 654	4, 000, 000
Livestock.....	544, 181	3, 075, 478	4, 925, 174	8, 012, 876	<sup>8</sup> 4, 858, 389	<sup>8</sup> 6, 064, 051	<sup>8</sup> 3, 418, 510
Percent of value of all farm property represented by—							
Land and buildings.....	82. 5	81. 3	84. 9	85. 1	86. 8	83. 6	80. 0
Land.....		63. 9	69. 5	70. 4	66. 2	61. 0	58. 0
Buildings.....		17. 4	15. 4	14. 7	20. 6	22. 6	22. 0
Implements and machinery.....	3. 8	3. 7	3. 1	4. 6	4. 7	5. 8	4. 8
Livestock.....	13. 7	15. 0	12. 0	10. 3	8. 5	10. 6	12. 2
Average value of all farm property per farm (dollars).....	2, 736	3, 563	6, 444	12, 084	8, 949	9, 103	12, 084
Land and buildings.....	2, 258	2, 896	5, 471	10, 284	7, 764	7, 614	4, 823
Land.....		2, 276	4, 476	8, 609	5, 920	5, 554	7, 614
Buildings.....		620	994	1, 781	1, 844	2, 060	4, 823
Implements and machinery.....	104	131	199	557	422	525	500
Livestock.....	376	536	774	1, 243	763	964	503
Average value of all farm property per acre (dollars).....	13. 51	24. 37	46. 84	81. 52	61. 69	58. 01	61. 69
Land and buildings.....	11. 14	10. 81	39. 60	69. 38	53. 52	48. 52	31. 16
Land.....		15. 57	32. 40	57. 36	40. 81	35. 40	32. 40
Buildings.....		4. 24	7. 20	12. 02	12. 71	13. 12	7. 20
Implements and machinery.....	. 52	. 89	1. 44	3. 76	2. 91	3. 35	3. 76
Livestock.....	1. 85	3. 67	5. 60	8. 38	5. 26	6. 15	3. 24

<sup>1</sup> Estimates.

<sup>2</sup> For definition of urban and rural, see headnote, table 0, p. 7.

<sup>3</sup> The 1930 and 1935 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 and 1935 censuses were 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 12, p. 9, and table 622, p. 657.

<sup>4</sup> Data collected for 1925 are not strictly comparable with figures for other years.

<sup>5</sup> Includes cropland harvested, crop failure, cropland lying idle or fallow, and plowable pasture.

<sup>6</sup> "Improved land"; figures nominally include land available for crops and land occupied by buildings, yards, and barnyards.

<sup>7</sup> These figures include the value of fences, tile drains, and other incidental improvements on the land, excluding only the value of buildings.

<sup>8</sup> See note 1 on "livestock" table 607, p. 641.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 604.—FARMS—AVERAGE VALUES PER FARM AND PER ACRE, BY STATES: 1920 to 1935

NOTE.—Averages are based on data shown in tables 605 and 607. The 1935 schedule called for the value of land and buildings only. The average value of land per acre is shown for 1920, 1925, and 1930 in the 1935 and previous issues of this publication

DIVISION AND STATE	AVERAGE VALUE PER FARM (DOLLARS)							AVERAGE VALUE OF LAND AND BUILDINGS PER ACRE (DOLLARS)			
	All farm property			Land and buildings				1920	1925	1930	1935
	1920	1925	1930	1920	1925	1930	1935				
United States.....	12,084	8,940	9,108	10,284	7,764	7,614	4,828	60.39	58.52	48.52	31.18
New England.....	7,492	6,844	9,256	5,860	5,878	7,530	5,696	54.00	57.11	65.66	58.28
Maine.....	5,009	4,914	6,370	4,232	3,943	4,981	3,425	37.62	38.22	41.87	30.40
New Hampshire.....	5,782	5,084	6,682	4,385	4,113	5,190	3,783	34.56	38.30	39.47	31.64
Vermont.....	7,661	6,571	8,147	5,473	4,940	5,861	4,286	37.56	34.97	37.46	28.09
Massachusetts.....	9,889	8,770	11,870	7,737	7,611	10,205	7,285	90.25	107.53	130.26	110.44
Rhode Island.....	8,238	8,552	12,376	6,463	7,139	10,388	8,144	79.58	90.36	123.52	114.51
Connecticut.....	10,019	9,762	15,136	8,399	8,689	13,226	8,288	100.20	110.22	151.38	136.49
Middle Atlantic.....	9,290	8,305	10,074	7,061	6,684	7,880	5,385	73.99	74.08	80.40	58.74
New York.....	9,879	9,043	10,712	7,376	7,243	8,234	5,905	69.07	70.96	73.19	55.05
New Jersey.....	10,409	10,484	14,004	8,428	8,348	11,776	7,977	109.07	136.42	169.99	122.41
Pennsylvania.....	8,551	7,287	8,906	6,560	5,838	6,977	4,505	76.14	71.81	78.58	54.35
East North Central.....	16,988	11,975	11,571	13,771	10,489	9,660	6,087	126.37	97.77	84.20	56.40
Ohio.....	12,060	9,141	9,109	10,368	7,951	7,720	5,007	113.18	87.57	78.09	55.89
Indiana.....	14,331	9,867	9,242	12,937	8,661	7,796	5,180	126.98	85.15	71.90	50.70
Illinois.....	28,108	20,514	17,654	25,289	18,015	15,553	9,530	187.59	136.05	108.08	69.67
Michigan.....	8,976	7,924	8,436	7,313	6,676	6,853	4,205	75.48	71.20	67.80	44.76
Wisconsin.....	14,143	11,762	12,166	11,558	9,830	9,526	6,298	98.78	80.90	70.16	53.15
West North Central.....	25,517	16,988	16,308	22,307	14,875	13,623	7,954	95.22	68.64	57.10	34.37
Minnesota.....	21,221	14,672	14,079	18,496	12,717	11,471	6,808	109.23	79.63	68.74	42.14
Iowa.....	39,030	26,240	23,229	35,019	23,207	19,655	11,092	227.09	148.87	124.18	71.06
Missouri.....	13,654	8,779	8,398	11,646	7,691	7,018	3,948	88.08	61.37	58.23	31.36
North Dakota.....	22,651	15,678	15,218	19,160	13,428	12,199	8,368	41.10	29.72	24.01	18.08
South Dakota.....	37,835	20,857	18,991	33,132	18,071	15,455	8,305	71.40	44.89	35.24	18.05
Nebraska.....	33,771	22,504	22,671	29,836	19,790	19,274	11,096	87.91	60.06	55.81	33.53
Kansas.....	19,982	15,097	16,234	17,122	13,250	13,738	8,469	62.30	50.26	48.56	30.80
South Atlantic.....	5,292	4,205	4,224	4,488	3,699	3,639	2,434	53.20	46.28	44.60	29.09
Delaware.....	7,903	7,097	8,579	6,386	5,818	6,806	4,959	68.56	60.33	74.31	55.88
Maryland.....	9,678	8,104	9,843	8,070	6,966	8,244	5,465	81.25	77.00	81.42	55.37
Dist. of Columbia.....	20,059	35,992	70,633	27,340	34,500	68,690	80,709	984.01	2,577.65	3,261.82	564.47
Virginia.....	6,425	5,159	5,819	5,501	4,678	5,016	3,005	55.19	51.53	51.16	33.66
West Virginia.....	5,087	4,549	4,983	4,706	3,941	4,138	2,269	42.93	39.66	38.85	25.22
North Carolina.....	4,034	3,704	3,451	3,990	3,267	3,018	2,069	53.79	49.80	46.75	31.24
South Carolina.....	4,946	3,028	2,784	4,222	2,649	2,401	1,725	65.40	43.01	36.48	23.16
Georgia.....	4,366	2,757	2,674	3,663	2,359	2,259	1,715	44.74	26.77	26.15	16.99
Florida.....	6,116	8,678	7,843	5,212	8,088	7,179	4,407	40.55	81.67	84.22	53.08
East South Central.....	4,203	2,861	3,039	3,484	2,466	2,528	1,684	46.44	35.14	36.88	24.21
Kentucky.....	5,587	3,727	4,177	4,823	3,278	3,535	2,220	60.39	42.66	43.73	29.97
Tennessee.....	4,953	3,497	3,039	4,055	3,006	3,025	2,030	62.53	42.42	41.28	20.12
Alabama.....	2,698	2,107	2,375	2,128	1,746	1,952	1,347	27.77	24.78	28.62	18.73
Mississippi.....	3,546	2,140	2,216	2,903	1,785	1,818	1,190	43.41	28.60	32.79	18.87
West South Central.....	7,652	5,600	6,222	6,318	4,875	5,263	3,542	36.27	30.05	31.57	20.04
Arkansas.....	3,974	2,833	2,682	3,238	2,436	2,261	1,486	43.14	34.59	34.13	21.20
Louisiana.....	4,354	2,914	3,108	3,469	2,451	2,590	1,736	47.31	30.74	44.70	28.29
Oklahoma.....	8,649	6,136	7,249	7,104	5,318	6,096	3,677	42.08	33.97	36.78	22.20
Texas.....	10,200	7,456	8,446	8,488	6,540	7,260	5,137	32.45	27.77	28.86	18.70
Mountain.....	16,727	11,818	13,518	12,968	9,310	10,188	6,531	26.96	18.50	15.61	10.19
Montana.....	17,095	12,267	14,914	13,468	9,700	11,109	7,493	22.15	13.91	11.81	7.91
Idaho.....	17,038	11,132	12,692	13,811	9,197	10,012	6,814	60.43	46.00	44.64	30.89
Wyoming.....	21,235	15,497	19,149	14,907	11,132	12,919	9,537	10.88	9.26	8.79	5.92
Colorado.....	17,966	12,277	13,266	14,499	10,211	10,497	6,580	35.40	24.51	21.79	13.97
New Mexico.....	10,890	7,457	7,374	7,432	5,520	6,619	4,113	9.09	6.28	6.74	4.96
Arizona.....	23,418	17,964	19,138	17,276	13,332	12,999	7,047	29.70	13.01	17.50	9.46
Utah.....	12,130	9,631	10,045	9,499	7,395	8,145	5,167	48.26	38.43	39.41	25.37
Nevada.....	31,640	26,200	28,236	20,947	17,812	18,620	11,618	28.11	16.62	15.71	11.75
Pacific.....	22,664	18,686	20,629	19,941	18,926	18,431	11,089	83.16	82.85	79.70	53.22
Washington.....	15,952	11,239	12,522	13,885	9,921	10,911	6,527	60.49	57.64	57.17	37.51
Oregon.....	16,904	12,778	13,705	13,449	11,019	11,438	6,922	49.86	43.60	38.12	25.85
California.....	29,158	25,107	27,680	26,122	23,111	25,203	15,466	104.67	114.67	112.33	76.40



No. 605.—FARMS, BY NUMBER AND ACREAGE,

DIVISION AND STATE	NUMBER OF FARMS					ALL LAND IN FARMS (THOUSANDS OF ACRES)		
	1910	1920	1925	1930	1935	1910	1920	1925
United States . . . . .	6,361,502	6,448,343	6,371,640	6,288,048	6,812,350	878,708	955,884	924,319
New England . . . . .	188,802	166,564	168,489	124,925	168,241	19,715	16,981	15,858
Maine . . . . .	80,016	48,227	50,033	39,006	41,907	6,297	5,426	5,161
New Hampshire . . . . .	27,053	20,523	21,065	14,906	17,695	3,249	2,004	2,262
Vermont . . . . .	32,709	29,075	27,786	24,898	27,001	4,664	4,236	3,326
Massachusetts . . . . .	36,917	32,001	33,464	26,598	36,004	2,876	2,494	2,368
Rhode Island . . . . .	5,292	4,083	3,911	3,322	4,327	443	332	309
Connecticut . . . . .	26,815	22,655	23,240	17,196	32,157	2,186	1,890	1,832
Middle Atlantic . . . . .	468,379	426,147	418,888	367,603	397,684	43,161	40,573	37,491
New York . . . . .	215,597	193,195	188,764	159,806	177,025	22,030	20,633	19,270
New Jersey . . . . .	33,487	29,702	29,071	25,378	29,375	2,574	2,283	1,925
Pennsylvania . . . . .	219,295	202,250	200,443	172,419	191,284	18,587	17,658	16,266
East North Central . . . . .	1,123,489	1,084,744	1,051,572	968,502	1,088,087	117,929	117,785	112,752
Ohio . . . . .	272,045	256,695	244,703	219,296	255,146	24,106	23,510	22,219
Indiana . . . . .	216,486	205,126	196,786	181,570	200,835	21,300	21,063	19,715
Illinois . . . . .	281,872	237,181	225,601	214,497	231,812	32,523	31,976	30,932
Michigan . . . . .	206,960	196,447	192,327	169,372	199,517	18,041	16,933	18,035
Wisconsin . . . . .	177,127	169,295	163,155	131,767	166,877	21,060	22,148	21,861
West North Central . . . . .	1,109,948	1,096,951	1,111,314	1,112,755	1,179,856	232,648	256,973	248,081
Minnesota . . . . .	156,137	178,478	188,231	185,255	203,302	27,676	30,222	30,059
Iowa . . . . .	217,044	213,439	213,490	214,928	221,986	33,931	33,476	33,281
Missouri . . . . .	277,244	263,004	260,473	255,940	278,454	34,591	34,776	32,642
North Dakota . . . . .	74,300	77,690	75,970	77,975	84,066	28,427	36,216	34,327
South Dakota . . . . .	77,644	74,637	73,537	83,157	83,303	26,017	34,036	32,013
Nebraska . . . . .	129,878	124,417	127,734	120,458	133,016	38,622	42,225	42,028
Kansas . . . . .	177,841	166,286	165,879	160,042	174,589	43,385	45,425	48,729
South Atlantic . . . . .	1,111,881	1,168,976	1,108,061	1,068,468	1,147,133	103,782	97,775	88,566
Delaware . . . . .	10,836	10,140	10,257	9,707	10,881	1,039	945	900
Maryland . . . . .	48,923	47,808	49,001	43,203	44,412	5,057	4,768	4,433
District of Columbia . . . . .	217	204	139	104	89	6	6	4
Virginia . . . . .	184,018	186,242	193,723	170,010	197,632	10,496	18,561	17,210
West Virginia . . . . .	90,085	87,289	90,380	82,041	104,747	10,026	9,570	8,980
North Carolina . . . . .	258,725	269,763	283,482	279,708	300,967	22,439	20,022	18,594
South Carolina . . . . .	176,434	192,693	172,767	157,931	165,604	13,512	12,427	10,639
Georgia . . . . .	201,027	310,732	249,095	256,598	250,644	26,953	26,441	21,946
Florida . . . . .	50,016	54,005	59,217	58,906	72,867	5,264	6,047	6,865
East South Central . . . . .	1,042,480	1,051,600	1,008,052	1,062,214	1,137,219	81,521	78,897	70,607
Kentucky . . . . .	259,185	270,626	258,524	240,490	278,288	22,139	21,613	19,913
Tennessee . . . . .	246,012	252,774	252,069	245,657	273,783	20,042	19,511	17,901
Alabama . . . . .	262,901	256,099	237,631	237,395	273,455	20,732	19,577	16,739
Mississippi . . . . .	274,382	272,101	267,228	312,663	311,683	16,558	18,197	16,053
West South Central . . . . .	943,186	996,088	1,017,305	1,108,134	1,137,571	169,150	173,449	165,013
Arkansas . . . . .	214,678	232,004	221,991	242,334	253,013	17,416	17,457	18,652
Louisiana . . . . .	120,540	135,463	132,450	161,445	170,216	10,439	10,020	8,838
Oklahoma . . . . .	190,192	191,988	197,218	203,866	213,325	28,859	31,952	30,869
Texas . . . . .	417,770	436,033	465,040	495,439	501,017	112,435	114,021	109,674
Mountain . . . . .	183,446	244,109	233,392	241,314	271,992	59,533	117,337	131,689
Montana . . . . .	26,214	57,677	46,904	47,495	50,564	13,540	35,071	32,736
Idaho . . . . .	30,807	42,106	40,592	41,674	45,113	5,284	8,376	8,116
Wyoming . . . . .	10,987	15,748	15,512	16,011	17,487	8,543	11,809	13,063
Colorado . . . . .	40,170	59,334	53,020	59,056	63,644	13,532	24,462	24,167
New Mexico . . . . .	35,676	29,844	31,667	31,404	41,969	11,270	24,410	27,850
Arizona . . . . .	9,227	9,975	10,802	14,173	18,824	1,247	5,802	11,065
Utah . . . . .	21,676	25,662	25,962	27,160	30,695	3,398	5,050	5,001
Nevada . . . . .	2,689	3,163	3,883	3,442	3,606	2,715	2,367	4,091
Pacific . . . . .	169,891	234,184	265,587	261,733	299,667	51,399	56,153	54,958
Washington . . . . .	56,192	66,288	73,267	70,904	84,381	11,712	13,245	12,610
Oregon . . . . .	45,602	50,266	55,911	55,153	64,826	11,685	13,542	14,131
California . . . . .	88,197	117,670	136,409	135,676	150,360	27,931	29,366	27,517

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

BY STATES: 1910 TO 1935

ALL LAND IN FARMS (THOUSANDS OF ACRES)— continued		AVERAGE ACREAGE PER FARM					PERCENT OF TOTAL LAND AREA REPRESENTED BY ALL LAND IN FARMS					DIVISION AND STATE
1930	1935	1910	1920	1925	1930	1935	1910	1920	1925	1930	1935	
986,771	1,054,515	138.1	143.2	145.1	156.9	154.8	46.2	50.2	48.6	51.8	55.4	U. S.
14,283	15,463	104.4	108.5	89.4	114.3	97.7	49.7	42.8	40.0	36.0	39.0	N. E.
4,040	4,722	104.9	112.6	103.2	119.0	112.7	32.9	28.4	27.0	24.3	24.7	Me.
1,860	2,114	120.1	126.9	107.4	131.5	119.0	56.2	46.0	39.1	33.9	31.9	N. H.
3,896	4,043	142.6	145.7	141.3	160.5	149.4	79.9	72.5	67.2	66.7	69.2	Vt.
2,006	2,196	77.9	77.9	70.8	78.3	62.6	55.9	48.5	46.0	39.0	42.7	Mass.
279	308	83.8	81.2	79.0	84.1	71.1	64.9	48.6	45.3	40.9	45.1	R. I.
1,502	2,080	81.6	83.8	78.8	87.4	64.7	70.9	61.6	59.4	48.7	67.4	Conn.
35,047	36,455	92.2	95.4	89.5	96.0	91.7	67.5	63.4	58.6	54.8	57.0	M. A.
17,980	18,686	102.2	106.8	102.1	112.5	105.0	72.2	67.7	63.2	59.0	61.3	N. Y.
1,768	1,914	76.9	76.8	64.9	69.3	65.2	53.5	47.0	40.0	36.6	39.8	N. J.
15,309	15,855	84.8	87.3	81.3	88.8	82.9	64.8	61.5	50.8	53.4	55.3	Pa.
110,891	116,957	105.0	108.5	107.2	114.7	107.9	75.9	74.9	71.7	70.6	74.4	E. N. C.
21,514	22,858	88.6	91.6	90.8	98.1	89.6	92.5	90.2	85.2	82.5	87.5	Ohio.
19,689	20,519	98.8	102.7	101.7	108.4	102.2	92.3	91.3	89.3	85.2	88.9	Ind.
30,095	31,661	129.1	134.8	136.2	143.1	136.0	90.7	89.1	85.7	85.6	88.3	Ill.
17,119	18,460	91.6	96.9	93.8	101.1	93.9	51.5	51.7	49.0	46.5	50.3	Mich.
21,874	23,459	118.9	117.0	113.1	120.3	117.4	59.6	62.6	61.8	61.9	66.2	Wis.
205,486	273,077	209.6	234.3	223.2	238.6	231.4	71.9	78.6	75.9	81.2	83.5	W. N. C.
30,013	32,818	177.3	160.3	169.7	186.9	161.4	58.5	58.4	58.1	59.7	63.6	Minn.
33,019	34,259	156.3	156.8	155.9	158.3	154.8	95.4	94.1	92.6	95.9	96.6	Iowa.
84,743	85,655	124.8	132.2	125.3	131.8	125.9	78.6	79.1	74.2	76.7	79.7	Mo.
38,658	39,118	382.3	466.1	451.9	495.8	462.4	63.3	60.6	56.4	56.1	57.1	N. Dak.
36,470	37,102	335.1	404.1	402.6	438.6	445.4	52.9	70.4	65.1	74.1	75.4	S. Dak.
44,709	46,616	297.8	339.4	320.0	345.4	348.9	78.6	85.9	85.5	91.0	94.8	S. Dak.
46,976	48,010	244.0	274.8	263.6	282.9	275.0	82.8	86.8	83.6	89.8	91.7	Nebr.
86,863	95,987	93.8	84.4	79.9	81.6	83.7	60.3	56.8	51.4	50.2	55.7	S. A.
901	921	95.9	93.1	87.7	92.8	88.7	82.6	75.1	71.5	71.6	73.3	Del.
4,374	4,384	103.4	99.3	90.5	101.3	98.7	79.5	74.8	69.7	68.8	68.0	Md.
3	3	27.0	27.8	27.4	29.5	31.5	15.8	14.8	9.6	7.7	7.1	D. C.
16,729	17,645	105.9	99.7	88.8	98.1	89.3	78.7	72.0	66.8	64.0	68.5	Va.
8,802	9,424	103.7	109.6	99.4	106.5	90.0	65.2	62.2	58.4	57.3	61.3	W. Va.
18,055	19,036	88.4	74.2	65.6	64.5	66.2	71.9	64.2	59.6	57.9	63.9	N. C.
10,893	12,330	76.6	64.5	61.6	65.8	74.5	69.2	63.7	54.5	53.3	63.2	S. C.
22,079	25,207	92.6	81.9	88.1	86.4	101.0	71.7	67.7	58.4	58.7	67.3	Ga.
5,027	6,048	105.0	112.0	99.0	85.2	83.0	15.0	17.2	16.7	14.3	17.2	Fla.
73,818	79,101	78.2	75.0	70.2	66.6	69.6	71.0	69.7	61.5	63.4	68.9	E. S. C.
19,928	20,699	85.6	79.9	77.0	80.8	74.4	86.3	84.0	77.4	77.5	80.5	Ky.
18,003	19,086	81.5	77.2	70.8	73.3	69.7	75.1	73.1	67.1	67.5	71.5	Tenn.
17,555	19,661	78.9	76.4	70.4	68.2	71.9	63.2	59.0	51.0	53.5	59.9	Ala.
17,332	19,655	67.6	66.9	62.4	55.4	63.1	62.5	61.3	54.1	58.4	66.2	Miss.
183,908	201,118	179.3	174.1	162.2	168.7	176.8	61.5	63.1	60.0	66.9	73.1	W. S. C.
16,063	17,742	81.1	75.0	70.4	66.2	70.1	51.8	51.9	46.5	47.8	50.8	Ark.
9,355	10,444	86.6	74.0	66.7	57.9	61.4	35.9	34.5	30.4	32.2	35.9	La.
33,791	35,335	151.7	168.4	156.5	165.8	165.6	65.0	71.9	69.5	76.1	79.6	Okla.
124,707	137,597	260.1	261.5	235.5	251.7	274.6	67.0	67.9	65.3	74.3	81.9	Tex.
167,460	173,881	324.5	489.7	594.2	652.5	640.7	10.8	21.3	24.0	28.6	31.6	Mt.
44,659	47,512	516.7	608.1	697.9	940.3	939.6	14.5	37.8	35.0	47.8	50.8	Mont.
9,347	9,952	171.5	198.9	199.9	224.3	220.8	9.6	15.7	15.2	17.5	18.7	Idaho.
23,525	28,162	777.6	749.9	1,203.2	1,469.3	1,610.4	13.7	18.9	20.9	37.7	45.1	Wyo.
28,876	29,978	293.1	408.1	416.5	481.6	471.0	20.4	36.9	36.4	43.5	45.2	Colo.
30,822	34,397	315.9	817.9	878.9	981.5	831.5	14.4	31.1	35.5	39.3	43.9	N. Mex.
10,527	14,019	135.1	581.7	1,024.4	742.7	744.7	1.7	8.0	15.2	14.5	10.2	Ariz.
5,613	6,230	156.7	198.8	192.4	206.7	203.3	6.5	9.6	9.5	10.7	11.9	Utah.
4,081	3,622	1,009.6	745.2	1,063.5	1,185.6	979.9	3.9	3.4	5.8	5.8	5.2	Nev.
60,525	62,476	270.3	339.8	204.3	231.2	208.6	25.2	27.6	26.7	29.7	30.7	Pac.
18,534	14,680	208.4	199.8	172.1	190.9	174.0	27.4	31.0	29.5	31.6	34.3	Wash.
16,549	17,858	256.8	269.7	252.7	300.1	267.8	19.1	22.1	23.1	27.0	28.4	Oreg.
30,442	30,438	316.7	249.6	201.7	224.4	202.4	28.0	29.0	27.6	30.6	30.6	Calif.

No. 606.—FARM LAND, BY USE,

For total land in

[All figures in thou

Line number	DIVISION AND STATE	CROP LAND HARVESTED		CROP FAILURE		CROP LAND IDLE OR FALLOW		PLOWABLE PASTURE		WOODLAND PASTURE		OTHER PASTURE
		1929	1934	1929	1934	1929	1934	1929	1934	1929	1934	
1	United States.....	359,242	255,624	12,707	63,882	41,287	56,029	109,180	98,579	85,322	108,096	269,873
2	New England.....	3,669	4,044	41	28	315	231	965	737	3,147	3,820	2,155
3	Maine.....	1,304	1,380	6	7	91	59	250	180	879	958	409
4	New Hampshire.....	380	446	4	2	38	15	106	79	576	676	250
5	Vermont.....	1,074	1,114	6	5	48	14	274	222	1,018	1,183	900
6	Massachusetts.....	474	548	10	7	80	68	162	133	345	390	247
7	Rhode Island.....	65	66	2	1	11	11	35	25	38	36	27
8	Connecticut.....	372	484	12	6	47	64	128	98	291	377	232
9	Middle Atlantic.....	14,324	14,886	338	268	2,296	2,016	4,363	3,796	3,334	3,370	4,528
10	New York.....	6,959	7,388	169	116	1,026	735	2,376	2,066	1,940	1,960	2,975
11	New Jersey.....	777	805	20	3	101	187	198	175	47	52	95
12	Pennsylvania.....	6,588	6,633	147	138	1,079	1,093	1,779	1,545	1,338	1,356	1,459
13	E. North Central.....	56,644	58,178	1,696	3,087	5,193	5,494	14,628	15,192	12,547	14,533	9,140
14	Ohio.....	10,116	10,384	227	231	927	916	3,763	3,914	1,854	2,050	2,421
15	Indiana.....	10,214	10,103	348	394	1,161	1,341	2,810	2,951	1,334	2,002	1,312
16	Illinois.....	18,958	17,567	701	1,735	4,480	1,848	4,092	4,054	2,010	2,259	1,605
17	Michigan.....	7,738	8,353	197	251	1,159	977	2,064	2,237	2,410	2,833	1,418
18	Wisconsin.....	9,618	9,772	122	477	466	413	1,900	2,046	4,440	5,248	2,483
19	W. North Central.....	138,718	90,919	4,058	40,230	7,511	17,803	34,406	30,363	13,261	15,202	50,547
20	Minnesota.....	18,445	17,161	255	2,475	790	880	2,249	2,274	3,056	4,169	2,342
21	Iowa.....	22,276	18,926	232	1,111	231	1,178	4,982	5,770	1,969	2,060	2,558
22	Missouri.....	13,179	11,762	806	1,302	1,065	1,548	7,018	7,009	5,262	6,385	2,017
23	N. Dakota.....	21,255	9,348	854	9,889	2,419	5,166	3,183	2,733	4,000	4,220	7,176
24	S. Dakota.....	17,856	4,864	583	9,782	563	2,771	5,707	4,355	395	533	9,815
25	Nebraska.....	21,399	12,195	360	8,235	684	2,279	4,180	2,653	708	701	15,840
26	Kansas.....	24,308	16,663	968	7,436	1,259	3,781	7,107	4,070	781	885	10,709
27	South Atlantic.....	27,520	27,988	668	482	5,979	6,630	7,788	7,872	9,067	12,077	4,942
28	Delaware.....	408	389	9	6	88	110	83	76	16	8	24
29	Maryland.....	1,742	1,677	18	20	370	385	539	551	205	186	214
30	Dist. of Col.....	2	1	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
31	Virginia.....	3,975	3,842	80	65	1,003	1,151	2,925	2,993	1,528	1,629	1,140
32	West Virginia.....	1,655	1,710	25	29	227	188	1,718	1,043	1,121	1,431	1,672
33	N. Carolina.....	5,810	5,966	129	34	1,074	1,248	888	946	1,424	1,574	533
34	S. Carolina.....	4,137	4,178	97	87	803	1,021	351	357	1,052	1,356	390
35	Georgia.....	8,337	8,646	104	138	1,940	2,038	980	959	2,880	4,423	791
36	Florida.....	1,464	1,579	46	53	469	499	301	348	841	1,470	176
37	E. South Central.....	25,148	25,732	600	335	4,499	4,432	10,845	11,969	8,078	9,841	3,816
38	Kentucky.....	5,331	5,418	150	104	1,446	1,351	5,395	5,687	1,403	1,699	1,322
39	Tennessee.....	6,106	6,330	145	97	1,414	1,286	2,751	3,015	1,528	1,718	888
40	Alabama.....	7,114	7,239	157	76	628	1,041	1,204	1,363	2,291	2,968	611
41	Mississippi.....	6,597	6,735	147	108	711	803	1,495	1,903	2,854	3,486	995
42	W. South Central.....	56,838	48,187	2,864	9,890	5,046	7,145	16,491	12,960	20,997	31,768	70,121
43	Arkansas.....	6,582	6,438	232	308	1,093	1,100	1,170	1,492	2,064	2,644	558
44	Louisiana.....	4,098	3,977	130	149	543	630	916	1,120	917	1,205	402
45	Oklahoma.....	15,553	12,442	698	2,885	1,032	1,824	3,249	2,502	3,567	4,271	7,824
46	Texas.....	30,634	25,429	1,804	6,488	2,328	3,591	11,166	7,787	14,449	23,649	61,337
47	Mountain.....	23,279	14,654	2,063	8,498	5,309	7,280	15,217	11,445	6,839	8,043	99,335
48	Montana.....	7,841	4,592	789	2,567	2,769	3,438	4,095	3,639	1,642	1,638	25,340
49	Idaho.....	3,150	2,669	87	319	836	944	379	353	736	840	3,270
50	Wyoming.....	2,008	1,220	96	552	189	308	2,322	1,301	468	544	18,047
51	Colorado.....	6,750	3,852	858	3,389	840	1,599	4,215	2,807	1,411	1,619	13,713
52	New Mexico.....	1,494	744	98	1,223	207	421	3,198	2,931	1,752	2,082	2,644
53	Arizona.....	478	489	35	50	135	150	102	160	567	1,077	8,983
54	Utah.....	1,180	815	48	358	288	332	228	201	177	190	3,257
55	Nevada.....	398	272	52	27	45	28	78	53	56	73	3,176
56	Pacific.....	13,115	13,046	563	837	5,139	5,143	4,470	4,264	8,063	9,643	25,087
57	Washington.....	3,659	3,630	173	97	2,438	2,438	578	573	1,488	1,849	4,175
58	Oregon.....	2,908	2,832	111	280	1,165	1,085	817	724	2,619	2,778	7,943
59	California.....	6,560	6,579	293	460	1,646	1,625	3,075	2,968	3,946	5,016	12,970

1 Includes crop land harvested, crop failure, idle or fallow land, and plowable pasture.

2 Includes crop land harvested and crop failure.

3 Includes plowable pasture, woodland pasture, and other pasture.

BY STATES: 1929 AND 1934

farms, see table 605

[in thousands of acres]

OTHER PASTURE CON.	WOODLAND NOT PASTURED		ALL OTHER LAND IN FARMS		LAND AVAILABLE FOR CROPS <sup>1</sup>		LAND USED FOR CROPS <sup>2</sup>		TOTAL PASTURE <sup>3</sup>		TOTAL WOODLAND <sup>4</sup>		Line number
	1934	1929	1934	1929	1934	1929	1934	1929	1934	1929	1934	1929	
311,220	64,624	77,379	44,757	43,901	522,396	513,914	371,949	369,308	464,165	517,900	149,946	185,476	1
2,072	3,263	3,919	749	812	4,979	5,041	3,700	4,072	6,267	6,429	6,400	7,589	2
431	1,362	1,470	239	231	1,601	1,632	1,310	1,393	1,638	1,570	2,241	2,428	3
206	406	598	110	94	529	541	384	448	933	901	1,072	1,274	4
916	430	488	90	101	1,402	1,355	1,080	1,119	2,192	2,321	1,504	1,671	5
217	518	638	170	195	726	756	484	555	753	740	863	1,028	6
33	84	112	27	23	103	104	57	67	100	94	122	149	7
209	308	613	113	165	558	653	384	490	661	744	599	900	8
5,348	3,943	4,674	1,933	2,119	21,308	20,946	14,660	15,144	12,218	12,504	7,276	8,044	9
3,402	1,085	2,061	840	865	10,530	10,306	7,128	7,505	7,300	7,520	3,634	4,022	10
115	232	303	199	213	1,185	1,230	797	868	340	343	270	358	11
1,740	2,026	2,309	894	1,041	9,593	9,409	6,735	6,771	4,576	4,042	3,363	3,666	12
10,364	4,528	5,141	6,618	6,978	78,060	79,941	58,239	59,265	36,316	40,078	17,075	19,674	13
2,874	920	1,100	1,287	1,381	15,032	15,445	10,342	10,615	8,038	8,338	2,774	3,159	14
1,302	780	972	1,224	1,304	14,532	14,789	10,562	10,497	5,966	6,345	2,619	3,064	15
1,902	732	864	1,216	1,452	25,232	26,183	19,659	19,301	7,607	8,195	2,742	3,123	16
1,460	825	933	1,308	1,361	11,168	11,817	7,935	8,604	5,892	6,586	3,205	3,816	17
2,821	1,265	1,263	1,800	1,420	12,106	12,707	9,741	10,248	8,823	10,115	5,236	6,512	18
63,347	4,498	4,775	12,491	11,639	184,691	179,115	142,773	131,149	98,214	107,912	17,759	19,977	19
2,496	1,000	1,214	2,028	2,150	21,740	22,790	18,700	19,636	8,248	8,937	4,740	5,383	20
3,298	244	252	1,628	1,825	27,720	26,984	22,508	20,036	9,509	11,008	2,214	2,312	21
2,243	2,438	2,518	1,362	1,388	22,664	22,521	13,981	13,004	14,297	16,537	7,700	8,903	22
9,399	158	147	3,213	2,003	27,711	27,136	22,109	19,237	10,759	12,500	558	575	23
13,558	96	103	1,455	1,136	24,710	21,772	18,439	14,846	15,917	18,446	491	630	24
18,942	143	143	1,424	1,373	26,504	25,362	21,759	20,430	20,798	22,385	941	934	25
12,473	328	398	1,425	1,754	33,642	32,550	25,270	24,099	18,687	17,978	1,110	1,233	26
5,593	24,669	30,735	6,884	4,611	41,852	42,972	28,087	28,470	21,794	25,542	33,735	42,812	27
22	188	226	86	84	587	580	416	304	1,123	1,047	204	235	28
214	1,008	1,078	270	273	2,668	2,633	1,700	1,697	959	950	1,213	1,264	29
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2	2	2	2	1	1	( <sup>5</sup> )	( <sup>5</sup> )	30
1,203	5,167	6,042	910	722	7,984	8,050	4,056	3,906	5,593	5,824	6,695	7,670	31
1,879	2,008	2,139	676	403	3,625	3,571	1,681	1,740	4,511	4,963	3,129	3,570	32
494	6,903	8,520	1,295	1,104	7,900	8,244	5,938	6,050	2,845	3,015	3,320	10,095	33
408	2,851	4,335	712	588	5,388	5,643	4,234	4,265	1,793	2,121	3,903	5,691	34
828	5,493	7,252	1,488	1,013	11,427	11,781	8,501	8,784	4,652	6,210	8,373	11,675	35
544	1,051	1,141	1,487	1,488	424	2,271	2,469	1,692	1,619	2,369	1,892	2,611	36
3,934	14,844	17,597	4,990	5,172	41,091	42,558	26,748	26,107	22,737	25,744	22,920	27,437	37
1,154	3,394	3,752	1,487	1,563	12,322	12,560	6,451	5,522	8,120	8,510	4,797	5,421	38
911	3,885	4,489	1,285	1,240	10,417	10,728	6,262	6,427	5,168	5,044	5,413	6,206	39
1,160	4,195	5,279	1,055	984	9,403	9,720	7,271	7,315	4,105	5,042	6,486	8,247	40
77,599	8,854	8,170	4,698	5,399	61,238	78,183	59,701	58,077	107,609	122,327	27,851	39,937	42
755	3,379	3,884	974	1,000	9,077	9,393	6,814	6,806	3,792	4,892	5,443	6,527	43
472	1,742	2,223	638	669	6,656	6,876	4,198	4,126	2,235	2,796	2,659	3,427	44
9,310	493	576	1,326	1,565	20,582	19,613	16,251	15,227	14,040	16,143	4,059	4,847	45
67,061	1,240	1,487	1,758	2,105	45,293	43,296	32,438	31,918	30,942	38,446	15,689	25,136	46
118,900	591	602	4,817	4,466	45,888	41,864	25,342	23,139	121,392	138,393	7,430	8,645	47
30,543	178	130	1,406	959	16,093	14,237	8,639	7,160	31,676	35,819	1,820	1,774	48
3,871	123	111	758	844	4,463	4,295	3,237	2,988	4,392	5,064	860	951	49
23,746	48	52	348	378	4,614	3,442	2,104	1,772	20,837	25,592	516	509	50
15,011	131	140	958	971	12,603	11,648	7,808	7,242	19,338	20,027	1,541	1,750	51
26,445	66	69	403	501	4,998	5,319	1,592	1,906	28,494	31,439	1,818	2,132	52
11,842	20	20	47	176	203	751	514	539	9,682	13,079	617	1,124	53
5,901	14	30	442	412	1,724	1,706	1,207	1,173	3,062	4,293	191	220	54
2,955	10	16	266	198	572	380	250	279	3,311	3,081	66	39	55
25,064	1,446	1,768	2,631	2,705	23,308	23,296	13,698	13,883	37,611	38,971	9,499	11,411	56
5,011	380	609	631	571	6,853	6,744	3,537	3,733	6,241	7,433	1,874	2,354	57
8,537	803	572	495	550	4,989	4,921	3,018	3,112	11,379	12,539	3,122	3,350	58
11,516	557	690	1,506	1,584	11,405	11,631	6,843	7,038	19,991	19,500	4,503	5,707	59

<sup>1</sup> Includes woodland pasture and woodland not pastured.<sup>2</sup> Less than 500 acres.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 607.—FARM PROPERTY—VALUE, BY

NOTE.—The schedule for 1935 did not call for the value of land and buildings separately or for the value previous issues of

[All amounts in

DIVISION AND STATE	VALUE OF ALL FARM PROPERTY			VALUE OF LAND AND BUILDINGS				VALUE OF LAND
	1920	1925	1930	1920	1925	1930	1935	1920
United States	77,923,652	57,017,740	57,245,644	66,316,008	49,467,647	47,879,838	32,856,844	54,829,563
New England	1,173,020	1,091,545	1,158,353	917,469	605,637	940,713	901,271	488,126
Maine	270,527	245,869	248,690	204,109	197,270	194,280	143,539	114,412
New Hampshire	118,656	107,084	99,601	89,996	80,653	77,355	66,937	47,425
Vermont	222,737	180,912	202,839	159,117	137,271	145,935	115,996	82,933
Massachusetts	300,472	208,405	303,837	247,588	254,603	201,222	285,677	127,654
Rhode Island	33,637	33,446	41,111	26,383	27,920	34,508	35,238	14,509
Connecticut	226,992	230,829	260,269	190,271	201,931	227,413	283,884	101,187
Middle Atlantic	3,949,684	3,478,716	3,602,634	3,002,138	2,799,834	2,817,767	2,141,142	1,661,676
New York	1,908,483	1,706,930	1,711,762	1,426,062	1,307,125	1,315,905	1,045,392	793,336
New Jersey	311,848	311,084	355,388	250,324	262,537	298,845	234,313	142,182
Pennsylvania	1,729,353	1,460,702	1,535,484	1,326,752	1,170,172	1,203,018	861,707	726,153
East North Central	17,245,363	12,692,988	11,116,009	14,937,642	11,023,659	9,338,791	6,596,844	12,046,074
Ohio	3,095,666	2,236,902	2,012,937	2,661,436	1,945,691	1,693,031	1,277,560	2,015,113
Indiana	3,042,311	1,931,742	1,977,093	2,653,644	1,695,751	1,415,842	1,040,238	2,052,556
Illinois	6,668,767	4,627,965	5,786,601	5,997,994	4,199,459	3,336,049	2,205,900	2,550,296
Michigan	1,763,336	1,623,977	1,428,817	1,436,686	1,284,062	1,160,652	826,261	969,187
Wisconsin	2,677,283	2,279,420	2,209,601	2,187,882	1,898,706	1,731,517	1,246,889	1,618,913
West North Central	27,991,036	19,870,178	18,148,431	24,469,486	16,530,891	15,158,530	9,385,141	21,340,146
Minnesota	3,787,420	2,761,684	2,608,124	3,801,168	2,393,742	2,125,098	1,383,072	2,750,328
Iowa	8,524,471	6,602,078	4,992,485	7,601,772	4,954,440	4,224,506	2,462,313	6,679,021
Missouri	3,501,068	2,680,639	2,149,429	3,062,968	2,003,286	1,766,247	1,090,281	2,564,193
North Dakota	1,750,743	1,191,037	1,186,659	1,488,621	1,020,103	951,226	707,139	1,276,314
South Dakota	2,823,707	1,658,921	1,379,241	2,472,894	1,437,288	1,285,154	691,863	2,231,432
Nebraska	4,201,656	2,874,478	2,934,696	3,712,103	2,624,074	2,495,203	1,562,813	3,330,222
Kansas	3,302,806	2,504,340	2,695,696	2,830,064	2,197,962	2,281,102	1,478,659	2,475,635
South Atlantic	6,132,818	4,659,177	4,471,400	5,201,773	4,093,944	3,852,079	2,791,939	4,000,682
Delaware	80,138	72,768	83,272	64,756	59,076	66,942	51,476	42,116
Maryland	463,638	397,063	425,245	386,597	341,361	366,120	242,714	269,904
Dist. of Columbia	5,928	5,003	7,349	5,677	4,795	7,144	7,133	4,156
Virginia	1,106,566	996,468	992,826	1,024,435	830,814	855,855	593,855	756,354
West Virginia	406,440	411,159	411,787	410,783	350,184	341,976	237,644	307,310
North Carolina	1,260,187	1,050,016	905,351	1,076,393	920,026	844,122	622,719	867,815
South Carolina	963,065	623,084	436,850	813,484	457,022	379,191	285,516	647,157
Georgia	1,366,686	638,673	635,435	1,138,299	587,564	577,338	420,756	897,446
Florida	330,302	513,884	462,456	281,449	478,942	423,346	321,078	228,425
East South Central	4,419,417	2,998,528	3,227,571	3,663,693	2,480,230	2,685,364	1,915,218	2,168,141
Kentucky	1,511,901	969,569	1,029,619	1,305,159	847,420	871,449	620,409	1,050,753
Tennessee	1,251,916	883,848	893,849	1,024,980	759,420	743,222	555,751	807,782
Alabama	690,849	500,740	611,301	643,658	414,869	502,371	368,220	415,704
Mississippi	964,782	660,571	692,814	789,897	496,118	568,322	370,839	641,842
West South Central	7,692,066	5,696,760	6,863,760	6,291,188	4,959,433	5,806,151	4,029,702	5,408,060
Arkansas	924,395	628,846	649,877	753,111	540,277	547,828	376,088	607,773
Louisiana	589,827	385,911	501,826	474,039	324,878	418,192	295,515	383,618
Oklahoma	1,660,424	1,210,135	1,477,741	1,368,806	1,048,767	1,242,724	784,394	1,171,459
Texas	4,447,420	3,471,867	4,234,310	3,700,173	3,045,271	3,597,407	2,873,705	3,245,209
Mountain	4,403,138	2,758,216	3,262,155	3,163,188	2,172,992	2,456,811	1,772,439	2,801,712
Montana	985,961	574,897	703,304	776,768	455,395	527,610	375,841	691,912
Idaho	716,136	451,885	523,914	581,612	373,320	417,266	307,395	511,866
Wyoming	334,411	240,396	306,887	234,748	172,070	206,832	166,774	210,947
Colorado	1,076,795	712,285	795,387	866,014	502,455	629,347	418,768	763,723
New Mexico	325,186	236,301	293,138	221,814	174,917	207,859	170,160	196,341
Arizona	233,593	194,049	243,468	172,326	144,014	184,231	132,660	156,663
Utah	311,275	260,318	289,118	243,752	192,201	221,223	158,303	210,998
Nevada	99,780	98,080	97,189	66,256	67,997	64,111	42,569	59,362
Pacific	5,307,011	4,962,634	5,399,231	4,669,417	4,495,447	4,923,961	3,324,878	4,168,848
Washington	1,057,430	823,438	887,834	920,302	726,860	778,663	550,720	797,651
Oregon	818,560	714,410	755,897	675,213	615,069	630,823	443,712	586,242
California	3,431,022	3,424,786	3,755,500	3,073,811	3,152,488	3,419,471	2,326,446	2,783,055

Figures for 1925 include the value of livestock not reported, estimated at \$29,162,000; figures for 1930 exclude the value of poultry other than chickens over 3 months old; figures for 1935 exclude the value of asses and burros, poultry other than chickens and turkeys over 3 months old, and bees.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

CLASS, BY STATES: 1920, 1925, AND 1930

of implements and machinery. The value of buildings is shown for 1920, 1925, and 1930 in the 1935 and this publication

[thousands of dollars]

VALUE OF LAND— CON.		Value of farm opera- tors' dwell- ings, 1939	VALUE OF IMPLEMENTS AND MACHINERY			VALUE OF LIVESTOCK 1				DIVISION AND STATE
1925	1930		1920	1925	1930	1920	1925	1930	1935	
87,721,018	84,929,845	7,083,586	3,594,773	2,691,704	3,501,654	3,012,876	4,858,389	6,084,051	3,418,510	U. S.
413,832	440,872	277,132	82,389	82,334	91,881	133,183	103,584	123,759	80,108	N. E.
97,524	95,621	50,541	20,038	24,491	25,359	39,780	24,108	26,034	16,976	Me.
37,225	32,729	25,932	9,499	8,088	8,012	19,161	11,463	13,334	8,121	N. H.
138,865	69,619	42,900	21,234	18,130	20,767	42,385	25,611	36,136	21,002	Vt.
110,437	118,200	78,076	19,360	17,044	18,730	33,524	21,758	23,884	17,861	Mass.
13,543	16,614	9,849	2,409	2,064	2,718	4,840	3,462	3,886	2,469	R. I.
91,337	114,739	83,766	13,248	11,016	12,371	23,473	17,282	20,485	15,177	Conn.
1,332,457	1,282,272	800,028	359,152	383,490	355,438	588,394	345,393	429,427	272,602	M. A.
644,980	600,085	366,894	169,807	160,385	173,690	313,555	170,410	222,251	130,101	N. Y.
130,331	152,491	81,667	25,459	23,452	27,070	35,066	25,095	26,466	23,778	N. J.
555,146	529,696	361,487	163,826	140,652	154,750	238,775	149,878	177,710	112,723	Pa.
7,999,094	6,169,552	1,601,716	786,077	567,871	626,208	1,521,644	1,001,458	1,153,010	685,635	E. N. C.
1,299,024	1,032,210	355,008	146,575	97,893	103,170	287,659	193,373	216,730	137,944	Ohio.
1,268,777	958,684	246,687	127,403	79,740	86,778	261,204	150,262	175,672	113,518	Ind.
3,426,455	2,555,100	386,088	222,620	147,104	160,413	446,154	281,402	290,199	182,491	Ill.
7,04,871	638,023	270,241	122,890	96,253	105,502	204,250	143,662	162,604	97,884	Mich.
1,209,878	985,536	343,122	167,069	146,883	170,279	322,312	226,754	307,806	153,798	Wis.
19,303,048	11,643,370	1,734,992	1,162,939	816,333	1,001,603	2,358,601	1,581,954	1,896,289	872,211	W. N. C.
1,790,000	1,453,960	315,743	181,088	137,965	181,787	305,164	229,877	301,293	146,448	Minn.
3,969,814	3,188,980	475,398	309,172	227,292	270,516	613,526	429,349	497,469	237,083	Iowa.
1,562,725	1,305,948	281,376	133,201	73,055	94,522	380,839	207,389	258,661	120,056	Mo.
1,813,722	720,077	109,806	114,387	76,031	118,744	157,035	94,303	116,690	54,513	N. D.
1,201,015	1,033,288	119,063	112,406	75,411	107,344	238,508	146,222	186,744	63,187	S. D.
2,125,792	2,048,664	222,569	153,104	111,799	150,925	336,444	238,605	288,770	125,772	Nebr.
1,833,379	1,804,452	211,085	154,717	111,288	167,785	318,025	195,100	246,708	110,108	Kans.
2,960,771	2,678,136	928,804	283,981	195,839	202,947	647,163	364,594	416,375	321,225	S. A.
40,435	35,230	17,370	5,781	5,006	7,285	8,601	7,217	9,045	5,112	Del.
207,274	198,454	88,617	23,970	22,885	25,682	48,071	32,846	43,395	25,444	Md.
3,564	8,140	437	104	108	109	246	100	100	100	D. C.
600,676	533,098	209,884	50,151	40,021	44,310	121,969	72,631	92,660	57,186	Va.
251,793	222,764	77,776	18,365	15,887	15,268	67,261	39,319	54,544	20,584	W. Va.
686,425	573,758	182,523	54,621	46,437	42,212	119,153	77,564	70,018	74,441	N. Va.
847,087	260,135	81,983	48,062	23,105	21,425	91,518	47,867	39,068	39,252	S. C.
433,640	394,822	123,456	63,343	26,986	31,217	155,049	72,133	74,880	70,316	Ga.
415,869	352,855	47,558	13,652	14,504	15,446	35,301	20,439	23,669	19,824	Fla.
1,897,893	1,875,271	534,557	176,065	123,550	157,459	579,659	294,147	384,748	277,197	E. S. C.
616,214	594,982	163,758	49,355	30,620	36,547	158,387	85,613	121,618	80,037	Ky.
655,943	515,651	147,879	53,463	40,745	45,763	173,473	83,473	104,862	74,773	Tenn.
308,064	354,039	104,969	34,360	23,851	33,545	112,825	62,031	75,395	62,070	Ala.
847,002	410,500	117,651	39,881	28,323	41,609	134,974	63,129	82,883	60,317	Miss.
4,176,864	4,215,599	464,404	311,099	252,866	336,385	1,010,779	684,460	721,275	426,015	W. S. C.
420,735	407,020	94,842	43,432	31,255	33,116	127,853	56,865	68,033	50,240	Ark.
261,738	313,568	72,097	32,715	21,333	28,174	89,073	39,900	55,460	43,931	La.
879,335	1,031,251	126,457	60,631	58,379	62,858	215,928	102,998	142,160	85,370	Okla.
2,625,167	3,002,870	351,008	154,321	141,899	182,187	502,926	284,698	454,722	240,473	Tex.
1,538,960	2,038,168	328,756	160,716	126,257	210,044	728,234	455,977	592,728	283,787	Mont.
380,514	442,941	43,226	55,004	30,683	62,070	154,190	85,860	118,684	60,025	Idaho.
300,769	340,256	46,544	38,417	28,526	60,749	96,209	62,033	71,915	38,912	Wyo.
148,168	174,464	15,866	11,778	8,172	17,018	87,585	58,643	82,117	38,127	W. Va.
493,974	510,955	64,389	49,805	33,473	50,241	180,977	86,367	115,790	55,211	Colo.
162,033	180,721	16,516	9,745	8,712	12,997	93,026	52,671	72,282	31,672	N. M.
128,788	100,854	14,336	8,821	6,928	10,414	62,447	45,107	48,813	21,173	Ariz.
159,703	174,341	32,200	13,515	10,097	13,636	54,008	46,019	54,258	24,969	Utah.
50,031	63,666	5,580	3,631	3,715	4,219	20,894	26,374	28,860	13,698	Nev.
3,878,038	4,086,475	483,147	232,358	190,365	228,839	405,237	276,822	346,430	199,733	Pac.
584,390	608,373	93,476	54,721	41,235	50,512	82,310	55,313	63,650	42,837	Wash.
505,141	501,947	72,628	41,567	36,643	42,586	101,779	62,699	82,433	47,805	Oreg.
2,788,511	2,976,155	257,043	136,069	113,488	135,741	221,141	158,810	200,288	109,091	Calif.

## No. 608.—FARMS—NUMBER AND ACREAGE, BY SIZE GROUPS: 1900 TO 1935

SIZE OF FARM	1900	1910	1920	1925	1930	1900	1910	1920	1925	1930
	Number of farms					Percent distribution of number of farms				
Total.....	5,737,372	6,561,502	6,448,949	6,371,640	6,288,648	100.0	100.0	100.0	100.0	100.0
Under 3 acres.....	41,385	18,033	20,350	15,151	43,007	.7	.3	.2	.2	.7
3 to 9 acres.....	225,844	317,010	268,422	363,384	315,497	3.9	5.0	4.2	5.7	5.0
10 to 19 acres.....	400,641	504,123	507,763	588,490	559,617	7.1	7.9	7.9	9.2	8.9
20 to 49 acres.....	1,257,490	1,414,376	1,503,732	1,450,643	1,440,388	21.9	22.2	23.3	22.8	22.9
50 to 99 acres.....	1,366,038	1,438,069	1,474,745	1,421,078	1,374,905	23.8	22.0	22.9	22.3	21.9
100 to 499 acres.....	2,290,282	2,494,461	2,450,107	2,326,155	2,314,858	39.9	39.2	38.1	36.5	36.8
100 to 174 acres.....	1,422,262	1,516,286	1,449,630	1,383,777	1,342,027	24.8	23.8	22.5	21.7	21.4
175 to 259 acres.....	490,069	534,191	530,800	503,417	520,593	8.5	8.4	8.2	7.9	8.3
260 to 499 acres.....	377,961	443,984	475,677	498,961	451,393	6.6	7.0	7.4	6.9	7.2
500 to 999 acres.....	102,520	125,295	149,819	143,852	159,696	1.8	2.0	2.3	2.3	2.5
1,000 acres and over.....	47,160	50,135	67,405	63,328	80,620	.8	.8	1.0	1.0	1.3
	All land in farms (thousands of acres)					Percent distribution of land in farms				
Total.....	886,592	878,798	955,884	924,319	986,771	100.0	100.0	100.0	100.0	100.0
Under 3 acres.....	79		34	23	61	(1)		(1)		(1)
3 to 9 acres.....	1,399	8,794	1,567	2,074	1,847	.2	1.0	.2	.2	.2
10 to 19 acres.....	5,703		7,087	8,060	7,789	6.5		7.9		7.8
20 to 49 acres.....	41,530	45,378	48,466	46,405	46,252	5.0	5.2	5.1	5.0	4.7
50 to 99 acres.....	98,532	103,121	105,681	101,906	98,085	11.8	11.7	11.1	11.0	10.0
100 to 499 acres.....	425,635	470,770	471,488	443,912	447,000	50.8	53.6	49.3	48.0	45.3
100 to 174 acres.....	192,680	205,481	194,681	186,708	180,214	23.0	23.4	20.4	20.1	18.3
175 to 259 acres.....	103,252		112,563	106,473	120,265	12.3		11.8		11.5
260 to 499 acres.....	129,672		104,244	151,731	156,522	15.5		17.2		15.9
500 to 999 acres.....	67,804	83,653	100,976	97,468	108,924	8.1	9.5	10.0	10.5	11.0
1,000 acres and over.....	107,784	107,082	220,686	224,472	276,213	23.6	19.0	23.1	24.3	28.0

SIZE OF FARM	1935									
	Number of farms	All land in farms (1,000 acres)	Land available for crops <sup>2</sup> (1,000 acres)	Crop-land harvested (1,000 acres)	Crop failure (1,000 acres)	Percent distribution				
						Number of farms	All land in farms	Land available for crops	Crop-land harvested	Crop failure
Total.....	6,812,350	1,054,515	513,914	295,624	63,682	100.0	100.0	100.0	100.0	100.0
Under 3 acres.....	35,573	51	29	26	(3)	.5	(1)	(1)	(1)	(1)
3 to 9 acres.....	535,258	3,006	2,232	1,717	70	7.9	.3	.4	.6	.1
10 to 19 acres.....	983,452	9,369	7,545	6,231	182	10.0	.9	1.5	2.1	.3
20 to 49 acres.....	1,440,143	46,594	32,983	25,261	983	21.1	4.4	6.4	8.5	1.5
20 to 29 acres.....	557,979	12,903	10,035	8,144	248	8.2	1.2	2.0	2.8	.4
30 to 49 acres.....	882,164	33,691	22,949	17,117	734	12.9	3.2	4.5	5.8	1.2
50 to 99 acres.....	1,444,007	104,016	64,763	44,678	2,584	21.2	9.9	12.6	15.1	4.1
100 to 69 acres.....	581,352	33,505	21,281	14,956	660	8.5	3.2	4.1	5.1	1.0
70 to 99 acres.....	862,655	70,511	43,482	29,722	1,915	12.7	6.7	8.5	10.1	3.0
100 to 174 acres.....	1,404,297	188,859	110,914	76,243	9,402	20.6	17.9	22.7	25.8	14.8
100 to 139 acres.....	754,076	80,884	52,334	35,168	2,322	11.1	8.2	10.2	11.9	8.6
140 to 174 acres.....	650,221	101,975	64,579	41,075	7,080	9.5	9.7	12.6	13.9	11.1
175 to 259 acres.....	640,267	114,408	69,902	44,675	6,370	7.9	10.8	13.6	15.1	10.0
175 to 179 acres.....	33,720	5,540	3,486	2,248	246	.5	.6	.7	.8	.4
180 to 219 acres.....	294,309	56,037	34,689	22,409	2,634	4.3	5.5	6.7	7.6	4.1
220 to 259 acres.....	212,238	50,424	31,787	20,013	3,400	3.1	4.3	6.2	6.8	5.5
260 to 499 acres.....	473,220	164,268	100,505	62,794	19,209	6.9	15.6	19.6	17.9	30.2
260 to 379 acres.....	335,478	105,283	64,970	35,645	11,343	5.0	10.0	12.6	12.1	17.8
380 to 499 acres.....	134,701	58,981	35,535	17,149	7,866	2.0	5.6	6.9	5.8	12.4
500 to 999 acres.....	167,452	114,244	59,731	24,262	14,592	2.5	10.8	11.6	8.2	22.9
500 to 699 acres.....	106,377	63,475	33,360	14,122	7,974	1.6	6.0	6.5	4.8	12.5
700 to 999 acres.....	61,075	50,769	26,371	10,140	6,618	.9	4.8	5.1	3.4	10.4
1,000 acres and over.....	88,662	309,701	59,250	19,736	10,289	1.3	29.4	11.5	6.7	16.2
1,000 to 4,999 acres.....	77,825	141,767	47,231	16,067	9,316	1.1	13.4	9.2	5.6	14.6
5,000 to 9,999 acres.....	6,208	42,254	5,362	1,568	540	.1	4.0	1.0	.5	.8
10,000 acres and over.....	4,629	125,680	6,657	1,502	433	.1	11.9	1.3	.5	.7

<sup>1</sup> Less than one-tenth of 1 percent.

<sup>2</sup> See note 1, table 606.

<sup>3</sup> Less than 500 acres.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 609.—FARMS—NUMBER, BY SIZE GROUPS, BY STATES: 1935

DIVISION AND STATE	Total number of farms	Under 20 acres	20 to 49 acres	50 to 99 acres	100 to 174 acres	175 to 299 acres	300 to 499 acres	500 to 999 acres	1,000 acres and over
United States.....	6, 812, 350	1,254,283	1, 440, 143	1, 444, 007	1, 404, 297	540, 267	473, 239	167, 452	86, 662
New England.....	158, 241	38, 325	28, 339	34, 487	32, 075	14, 068	8, 874	1, 854	424
Maine.....	41, 907	4, 443	6, 221	12, 123	11, 782	4, 487	2, 316	444	91
New Hampshire.....	17, 095	2, 909	3, 070	4, 179	3, 930	1, 879	1, 278	354	96
Vermont.....	27, 061	3, 725	2, 693	4, 441	7, 533	4, 402	3, 306	616	91
Massachusetts.....	35, 094	13, 842	8, 023	6, 453	4, 079	1, 516	892	218	71
Rhode Island.....	4, 327	1, 459	974	939	617	185	98	87	18
Connecticut.....	32, 157	11, 947	7, 356	6, 352	4, 134	1, 397	730	155	57
Middle Atlantic.....	397, 684	76, 719	65, 586	106, 103	100, 066	32, 864	14, 258	1, 792	357
New York.....	177, 025	29, 906	24, 930	43, 409	48, 300	19, 598	9, 530	1, 075	187
New Jersey.....	20, 375	10, 424	6, 171	5, 942	4, 962	1, 266	463	88	59
Pennsylvania.....	191, 284	36, 380	34, 485	50, 752	46, 714	12, 020	4, 263	559	111
East North Central.....	1, 083, 687	134, 068	166, 398	299, 851	309, 718	112, 953	54, 220	5, 735	754
Ohio.....	255, 146	45, 055	42, 092	75, 470	65, 492	18, 716	7, 345	868	108
Indiana.....	200, 835	28, 540	33, 202	55, 599	54, 243	19, 010	9, 095	1, 049	122
Illinois.....	231, 312	25, 237	25, 612	44, 511	72, 420	38, 562	22, 567	2, 185	212
Michigan.....	196, 517	21, 751	40, 691	63, 900	50, 105	13, 765	5, 421	703	181
Wisconsin.....	199, 877	13, 480	24, 801	60, 401	67, 442	22, 900	9, 792	930	131
West North Central.....	1, 178, 856	90, 341	98, 484	172, 693	349, 586	178, 858	204, 947	66, 644	23, 303
Minnesota.....	203, 302	12, 655	19, 306	36, 843	69, 440	34, 336	20, 958	3, 455	309
Iowa.....	221, 986	18, 812	13, 813	34, 285	84, 917	42, 342	25, 619	2, 047	151
Missouri.....	278, 454	30, 822	46, 293	64, 629	75, 787	34, 273	22, 153	3, 872	625
North Dakota.....	84, 606	1, 935	1, 418	1, 865	13, 499	5, 625	35, 133	19, 891	5, 250
South Dakota.....	83, 303	2, 680	1, 788	3, 140	19, 819	9, 784	28, 678	11, 864	5, 550
Nebraska.....	133, 616	8, 348	4, 806	10, 707	41, 722	22, 543	28, 616	10, 400	6, 324
Kansas.....	174, 589	15, 098	11, 060	21, 174	44, 422	24, 955	37, 790	15, 025	5, 094
South Atlantic.....	1, 147, 138	254, 246	323, 805	278, 337	174, 731	62, 812	38, 487	11, 552	3, 863
Delaware.....	10, 381	1, 793	2, 174	2, 903	2, 262	824	363	52	10
Maryland.....	44, 412	9, 534	8, 072	9, 629	10, 087	4, 291	2, 326	398	75
Dist. of Columbia.....	89	60	21	2	2	1	1	1	1
Virginia.....	197, 632	52, 585	44, 988	43, 045	31, 605	13, 166	8, 847	2, 615	691
West Virginia.....	104, 747	23, 045	22, 539	27, 560	18, 904	6, 905	4, 183	1, 121	310
North Carolina.....	300, 997	72, 530	94, 438	75, 637	39, 292	11, 377	5, 836	1, 441	416
South Carolina.....	165, 504	41, 547	53, 245	37, 134	20, 164	6, 690	4, 568	1, 649	607
Georgia.....	260, 544	25, 989	75, 341	71, 143	45, 623	16, 789	10, 742	3, 587	1, 330
Florida.....	72, 857	27, 163	22, 987	11, 284	6, 612	2, 178	1, 621	588	424
East South Central.....	1, 137, 219	307, 136	356, 536	242, 224	146, 407	46, 687	28, 144	7, 676	2, 560
Kentucky.....	278, 298	73, 631	62, 791	70, 440	47, 189	14, 733	7, 650	1, 525	333
Tennessee.....	273, 783	99, 807	77, 620	66, 460	38, 909	12, 359	6, 805	1, 458	309
Alabama.....	273, 455	54, 891	106, 038	60, 652	31, 945	9, 874	6, 471	2, 067	914
Mississippi.....	311, 683	108, 807	109, 480	44, 682	28, 301	9, 571	7, 212	2, 626	1, 004
West South Central.....	1, 137, 571	196, 573	296, 349	240, 996	220, 981	71, 600	67, 579	35, 741	17, 747
Arkansas.....	253, 013	61, 787	80, 305	53, 174	33, 893	9, 564	5, 707	1, 520	514
Louisiana.....	170, 216	55, 706	70, 718	23, 621	11, 459	3, 698	2, 945	1, 252	817
Oklahoma.....	213, 325	17, 026	34, 785	49, 078	66, 809	16, 743	21, 162	5, 647	2, 075
Texas.....	501, 017	62, 079	104, 041	115, 123	108, 820	41, 695	37, 705	17, 313	14, 341
Mountain.....	271, 392	47, 456	32, 917	31, 312	40, 693	14, 410	40, 709	35, 412	28, 484
Montana.....	50, 564	2, 501	2, 147	2, 920	6, 590	2, 570	11, 354	11, 628	10, 785
Idaho.....	45, 113	5, 823	8, 353	9, 703	8, 908	3, 289	4, 898	2, 761	1, 388
Wyoming.....	17, 487	707	658	1, 278	2, 506	967	2, 000	3, 850	4, 555
Colorado.....	63, 644	8, 498	5, 106	6, 348	11, 260	3, 928	13, 748	9, 290	5, 470
New Mexico.....	41, 369	13, 197	5, 166	2, 903	4, 851	1, 284	4, 595	5, 412	3, 901
Arizona.....	18, 824	7, 645	3, 661	2, 085	2, 291	504	877	927	994
Utah.....	30, 695	8, 568	7, 286	5, 501	3, 769	1, 614	1, 871	1, 198	888
Nevada.....	3, 696	456	640	514	579	254	400	356	497
Pacific.....	299, 587	109, 429	71, 733	38, 004	30, 045	11, 647	18, 223	11, 316	11, 170
Washington.....	34, 381	31, 655	20, 181	10, 599	8, 308	2, 927	4, 446	3, 396	2, 869
Oregon.....	64, 826	17, 206	13, 292	10, 284	9, 636	3, 668	4, 657	3, 007	3, 046
California.....	150, 360	60, 568	38, 260	17, 121	12, 101	5, 022	7, 120	4, 913	5, 255

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.



No. 610.—FARMS—NUMBER AND ACREAGE, BY COLOR AND TENURE OF OPERATORS: 1900 TO 1935

NOTE.—"White" includes Mexicans and Hindus. "Colored" includes Negroes, Indians, Chinese, Japanese, and other nonwhite races. Leaders indicate that data are not available

COLOR AND TENURE OF OPERATOR	1900	1910	1920	1925	1930	1935
	Number of farms					
<b>All farm operators</b> .....	<b>5,737,373</b>	<b>6,361,502</b>	<b>6,448,343</b>	<b>6,371,640</b>	<b>6,288,648</b>	<b>6,812,350</b>
Owners.....	3,653,323	3,948,722	3,925,090	3,808,332	3,508,394	3,899,001
Full owners.....	3,201,947	3,354,897	3,366,510	3,313,490	2,911,644	3,210,224
Part owners.....	451,376	593,825	558,580	554,842	656,760	688,877
Managers.....	59,085	58,104	68,449	40,700	55,889	48,104
Tenants.....	2,024,964	2,354,676	2,454,804	2,462,608	2,664,365	2,865,155
Cash.....	.....	712,294	480,009	393,452	489,210	.....
Other <sup>1</sup> .....	.....	1,642,382	1,974,795	2,069,156	2,175,155	.....
<b>White operators</b> .....	<b>4,909,608</b>	<b>5,440,819</b>	<b>5,498,454</b>	<b>5,540,185</b>	<b>5,372,578</b>	<b>5,956,795</b>
Owners.....	3,446,809	3,707,501	3,691,808	3,673,702	3,366,074	3,687,697
Full owners.....	3,026,931	3,169,088	3,174,109	3,153,839	2,752,787	3,036,910
Part owners.....	420,876	548,413	517,759	519,963	612,887	650,787
Managers.....	57,201	56,560	66,223	40,033	62,707	46,914
Tenants.....	1,466,541	1,676,558	1,740,563	1,826,360	1,954,137	2,222,184
Cash.....	.....	447,851	373,886	314,692	387,834	.....
Other.....	.....	1,228,707	1,366,528	1,511,668	1,566,303	.....
<b>Colored operators</b> .....	<b>787,764</b>	<b>920,883</b>	<b>949,889</b>	<b>831,455</b>	<b>916,070</b>	<b>855,555</b>
Owners.....	206,517	241,221	233,222	194,540	202,720	211,894
Full owners.....	176,016	195,809	192,401	159,651	168,857	173,314
Part owners.....	30,501	45,412	40,821	34,889	43,863	38,080
Managers.....	1,824	1,544	2,226	667	3,122	1,190
Tenants.....	550,423	678,118	714,441	636,248	710,228	642,671
Cash.....	.....	204,443	106,174	78,760	101,376	.....
Other.....	.....	413,675	608,267	557,488	608,852	.....
<b>PERCENT DISTRIBUTION</b>						
<b>All farm operators</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	63.7	62.1	60.9	60.7	56.7	57.2
Full owners.....	55.8	52.7	52.2	52.0	46.3	47.1
Part owners.....	7.9	9.3	8.7	8.7	10.4	10.1
Managers.....	1.0	.9	1.1	.6	.9	.7
Tenants.....	35.3	37.0	38.1	38.6	42.4	42.1
<b>White operators</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	69.4	68.1	67.1	66.3	62.6	61.9
Full owners.....	60.0	58.1	57.7	56.0	51.2	51.0
Part owners.....	8.5	10.1	9.4	9.4	11.4	10.9
Managers.....	1.2	1.0	1.2	.7	1.0	.8
Tenants.....	29.5	30.8	31.7	33.0	36.4	37.3
<b>Colored operators</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	26.9	26.2	24.6	23.4	22.1	24.7
Full owners.....	22.0	21.3	20.3	19.2	17.3	20.3
Part owners.....	4.0	4.9	4.3	4.2	4.8	4.5
Managers.....	.2	.2	.2	.1	.3	.1
Tenants.....	72.0	73.6	75.2	76.5	77.5	75.2
<b>All land in farms (thousands of acres)</b>						
<b>All farm operators</b> .....	<b>838,592</b>	<b>878,798</b>	<b>955,884</b>	<b>924,319</b>	<b>986,771</b>	<b>1,054,515</b>
Owners.....	550,040	598,555	636,775	616,336	618,370	657,049
Full owners.....	431,261	464,023	461,250	419,446	372,450	390,078
Part owners.....	124,779	133,631	175,525	196,890	245,920	266,971
Managers.....	87,618	63,731	54,129	43,097	61,980	60,664
Tenants.....	105,034	220,513	264,980	204,886	306,400	330,862
White operators.....	706,826	832,166	910,939	.....	945,683	1,015,710
Colored operators.....	41,766	46,632	44,945	.....	41,088	38,805
<b>PERCENT DISTRIBUTION</b>						
<b>All farm operators</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	66.3	68.1	66.0	66.7	62.7	62.3
Full owners.....	51.4	52.9	48.3	45.4	37.7	37.1
Part owners.....	14.9	15.2	18.4	21.3	24.9	25.2
Managers.....	10.4	6.1	5.7	4.7	6.3	5.8
Tenants.....	23.3	25.8	27.7	28.7	31.1	31.9

<sup>1</sup> Standing renters (renters paying a fixed quantity of products) 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.

<sup>2</sup> Includes the few colored farmers in the North and West; data for these sections were not tabulated by color and tenure.

<sup>3</sup> The South only (see note<sup>2</sup> above).

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 611.—FARMS—NUMBER, BY TENURE OF OPERATORS, BY STATES: 1930 AND 1935

NOTE.—For total number of farms (all tenures combined) see table 605

DIVISION AND STATE	OWNERS						MANAGERS		TENANTS	
	All owners		Full owners		Part owners		1930	1935	1930	1935
	1930	1935	1930	1935	1930	1935				
United States.....	3,568,394	3,899,091	2,911,644	3,210,224	666,760	688,667	55,889	48,104	2,664,365	2,865,155
New England.....	114,104	143,663	107,300	132,887	6,804	10,779	2,930	3,365	7,885	12,210
Maine.....	36,748	38,712	35,468	35,823	1,280	2,889	503	3,182	1,755	2,883
New Hampshire.....	13,755	16,200	12,966	14,435	789	1,765	355	211	796	1,284
Vermont.....	22,009	23,677	20,602	21,501	1,347	2,176	480	441	2,409	2,943
Massachusetts.....	23,198	32,116	21,410	30,168	1,788	1,958	968	814	1,442	2,164
Rhode Island.....	2,808	3,635	2,623	3,239	285	396	99	95	415	597
Connecticut.....	15,686	29,326	14,271	27,731	1,315	1,595	541	492	1,068	2,339
Middle Atlantic.....	299,095	328,118	278,193	301,745	20,902	36,373	6,053	6,295	52,455	64,271
New York.....	136,041	149,349	124,206	133,746	11,835	15,003	2,652	2,574	21,113	25,102
New Jersey.....	20,771	23,682	10,504	22,007	1,207	1,575	659	651	3,948	5,242
Pennsylvania.....	142,283	155,187	134,423	145,992	7,860	9,105	2,743	2,170	27,394	33,927
East North Central.....	693,892	757,994	570,660	616,503	123,232	141,491	8,633	6,989	283,977	318,754
Ohio.....	159,849	180,005	136,332	153,310	23,517	26,695	1,843	1,371	57,004	73,770
Indiana.....	125,517	135,982	97,553	106,047	27,984	29,035	1,478	1,344	54,575	63,509
Illinois.....	110,892	120,560	85,069	86,862	34,823	39,698	2,123	1,896	92,482	102,856
Michigan.....	141,647	158,131	118,923	132,786	22,719	25,345	1,580	1,052	26,195	37,334
Wisconsin.....	146,987	157,316	132,778	137,498	14,209	19,818	1,659	1,270	33,121	41,285
West North Central.....	661,115	670,926	457,770	470,820	203,345	200,100	7,471	6,186	444,169	502,764
Minnesota.....	126,570	134,012	97,878	101,307	28,692	32,705	1,047	878	57,638	68,412
Iowa.....	111,333	110,252	85,272	86,951	26,061	23,301	1,980	1,683	101,615	110,151
Missouri.....	165,318	169,152	127,989	132,129	37,329	37,023	1,546	1,279	89,076	108,023
North Dakota.....	50,105	51,149	25,807	25,706	26,298	25,354	470	335	27,400	33,122
South Dakota.....	45,609	42,452	22,372	21,425	23,237	21,027	454	374	37,094	40,477
Nebraska.....	67,418	67,613	43,301	42,861	24,117	24,152	1,020	795	61,020	65,808
Kansas.....	94,762	96,896	57,151	60,368	37,611	36,338	954	922	70,326	76,771
South Atlantic.....	539,930	608,982	467,100	527,412	72,830	80,870	8,964	8,109	509,574	530,942
Delaware.....	6,260	6,615	5,816	6,104	444	451	155	156	2,282	3,610
Maryland.....	30,823	31,475	28,353	29,308	2,490	2,077	939	847	11,441	12,000
Dist. of Columbia.....	59	51	53	50	6	1	21	17	24	21
Virginia.....	121,104	138,139	104,956	121,490	16,148	16,649	1,539	1,107	47,970	58,386
West Virginia.....	60,673	77,133	60,581	68,981	5,092	6,152	721	593	15,347	27,021
North Carolina.....	141,445	158,111	115,765	128,394	25,680	29,717	648	698	137,615	142,158
South Carolina.....	54,470	61,942	45,815	51,327	8,065	10,616	693	636	102,768	102,926
Georgia.....	79,892	85,197	70,596	75,857	9,208	9,340	1,408	1,010	174,390	164,331
Florida.....	30,394	49,419	35,485	45,751	3,909	3,068	2,835	3,474	16,737	20,399
East South Central.....	465,848	511,273	397,594	440,243	67,754	71,030	2,888	2,313	593,978	623,633
Kentucky.....	157,403	174,661	135,215	148,955	22,188	25,676	676	422	152,091	151,759
Tennessee.....	131,526	146,606	100,853	125,040	21,673	21,656	611	480	113,520	126,607
Alabama.....	90,372	96,982	75,144	81,624	15,228	15,068	603	516	106,420	176,247
Mississippi.....	85,047	93,224	77,832	84,594	8,665	8,630	999	895	225,617	217,564
West South Central.....	410,397	455,311	325,989	372,291	84,408	83,020	5,508	5,380	687,231	678,800
Arkansas.....	89,009	100,692	72,597	85,895	16,412	14,707	634	592	152,091	151,759
Louisiana.....	53,159	61,320	46,893	54,801	6,263	6,429	735	519	107,551	108,377
Oklahoma.....	77,714	81,889	53,647	68,796	24,007	23,093	823	775	126,339	130,661
Texas.....	100,515	211,440	152,852	172,709	37,663	38,781	3,314	3,474	301,660	286,103
Mountain.....	178,898	198,839	130,287	147,657	48,611	45,682	3,580	2,968	58,828	72,085
Montana.....	35,353	36,247	20,101	21,509	15,252	14,738	514	332	11,628	13,985
Idaho.....	30,612	31,858	24,194	26,016	6,318	5,842	603	394	10,559	12,861
Wyoming.....	12,105	13,034	7,896	8,202	4,299	4,892	206	370	3,520	4,083
Colorado.....	38,426	38,323	26,029	27,718	11,407	10,005	898	481	20,692	24,840
New Mexico.....	24,740	33,118	19,630	27,377	4,810	5,741	394	394	6,330	7,857
Arizona.....	11,234	14,922	9,727	13,102	1,697	1,820	548	558	2,331	3,344
Utah.....	23,608	25,889	19,464	21,087	4,552	4,802	230	224	3,321	4,582
Nevada.....	2,770	2,948	2,464	2,640	306	302	227	215	445	538
Pacific.....	205,615	227,382	178,751	200,660	28,884	26,792	9,848	8,589	46,270	63,586
Washington.....	67,588	66,489	49,702	53,504	7,836	7,025	1,238	1,057	12,078	10,835
Oregon.....	44,821	50,046	36,674	42,653	7,847	7,393	842	715	9,790	14,005
California.....	103,506	110,847	90,375	99,443	13,131	11,404	7,768	6,817	24,402	32,696

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 612.—FARM ACREAGE, BY TENURE OF OPERATORS, BY STATES: 1930 AND 1935

NOTE.—For total farm acreage (all tenures combined) see table 605

[In thousands of acres]

DIVISION AND STATE	ALL LANDS IN FARMS OPERATED BY—									
	Owners						Managers		Tenants	
	All owners		Full owners		Part owners		1930	1935	1930	1935
	1930	1935	1930	1935	1930	1935				
United States..	618,376	667,049	372,450	390,978	245,926	266,071	61,986	60,664	306,409	336,802
New England.....	12,592	13,638	11,589	12,153	1,023	1,485	751	646	940	1,170
Maine.....	4,338	4,392	4,130	3,998	208	394	120	71	173	259
New Hampshire.....	1,730	1,873	1,578	1,580	158	294	123	93	102	149
Vermont.....	3,325	3,462	3,027	3,037	299	425	152	124	419	455
Massachusetts.....	1,030	1,907	1,518	1,740	173	167	215	166	100	123
Rhode Island.....	221	231	197	200	24	32	17	29	41	48
Connecticut.....	1,283	1,773	1,120	1,599	163	174	114	163	105	144
Middle Atlantic.....	27,768	28,717	24,906	25,255	2,863	3,462	1,277	1,276	6,002	6,462
New York.....	14,577	15,144	12,774	12,875	1,803	2,269	622	646	2,781	2,896
New Jersey.....	1,236	1,307	1,186	1,177	100	131	144	100	379	447
Pennsylvania.....	11,955	12,260	10,950	11,203	960	1,062	511	470	2,843	3,120
East North Central.....	72,355	75,517	53,933	55,052	18,421	20,465	2,096	1,905	36,440	39,535
Ohio.....	14,410	14,931	11,370	11,642	3,040	3,349	396	362	6,707	7,505
Indiana.....	12,286	12,083	8,351	8,687	3,905	4,096	360	355	7,042	7,380
Illinois.....	15,027	15,632	9,187	8,922	6,040	6,071	512	470	14,957	15,558
Michigan.....	13,205	14,381	10,398	11,025	3,207	3,356	462	369	3,052	3,710
Wisconsin.....	10,827	17,729	14,597	14,736	2,230	2,993	360	349	4,682	5,381
West North Central.....	160,645	161,935	78,495	77,507	82,150	83,528	4,974	5,323	89,869	108,719
Minnesota.....	19,597	20,220	13,121	12,953	6,446	7,267	307	298	11,039	12,300
Iowa.....	16,444	16,148	11,131	11,333	5,312	4,814	476	411	17,100	17,800
Missouri.....	22,217	21,737	15,851	15,444	6,306	6,272	513	500	11,012	12,338
North Dakota.....	26,413	26,165	8,041	8,660	17,776	17,439	387	314	11,856	12,099
South Dakota.....	22,474	22,108	6,513	5,824	15,960	16,284	962	1,109	13,035	13,885
Nebraska.....	25,726	26,311	11,726	11,210	14,000	15,101	1,454	1,947	17,229	18,357
Kansas.....	27,802	28,426	11,513	12,076	16,290	16,350	876	744	15,898	16,541
South Atlantic.....	51,651	55,874	45,008	48,200	6,643	7,474	3,751	3,690	30,981	36,624
Delaware.....	480	481	442	438	38	45	29	32	391	408
Maryland.....	2,460	2,387	2,394	2,400	247	198	228	230	1,606	1,466
Dis. of Columbia.....	1	1	1	1	(1)	(1)	2	2	1	(1)
Virginia.....	12,250	12,699	10,680	11,190	1,870	1,600	656	543	3,823	4,403
West Virginia.....	7,145	7,312	6,321	6,435	824	877	267	231	1,400	1,881
North Carolina.....	11,072	12,041	9,409	10,007	1,004	2,034	255	353	6,728	7,643
South Carolina.....	5,228	5,866	4,475	4,933	753	933	437	558	4,728	5,893
Georgia.....	9,855	10,939	8,670	9,602	1,185	1,387	932	793	11,292	13,555
Florida.....	2,980	3,648	2,618	3,005	302	553	954	938	1,092	1,462
East South Central.....	45,289	48,383	39,256	42,037	6,033	6,326	1,288	1,378	26,241	29,359
Kentucky.....	14,611	14,912	12,718	12,956	1,803	1,956	190	178	5,121	5,609
Tennessee.....	11,729	12,168	9,878	10,424	1,851	1,744	206	193	6,088	6,725
Alabama.....	9,044	10,185	7,046	8,628	1,457	1,553	332	345	7,819	9,130
Mississippi.....	6,405	11,038	8,713	10,029	832	1,068	553	663	7,234	7,895
West South Central.....	93,160	106,012	60,940	68,878	32,220	37,134	22,524	20,153	68,222	74,953
Arkansas.....	8,909	9,808	7,273	8,210	1,717	1,559	292	420	6,771	7,514
Louisiana.....	4,761	5,413	4,108	4,674	653	730	876	764	3,213	4,277
Oklahoma.....	16,472	17,260	7,867	8,558	8,605	8,702	986	1,169	16,333	16,906
Texas.....	62,933	73,531	41,892	47,427	21,245	26,104	20,370	17,809	41,400	46,257
Mountain.....	114,233	125,937	38,224	40,120	76,009	85,967	18,057	18,873	25,180	28,022
Montana.....	34,145	36,712	9,650	9,391	24,495	27,322	3,015	2,773	7,600	8,027
Idaho.....	7,060	7,462	4,017	4,156	3,034	3,296	458	457	1,859	2,043
Wyoming.....	18,934	21,089	4,746	4,356	14,188	16,733	2,085	4,580	2,606	2,635
Colorado.....	19,540	20,224	7,519	8,318	12,021	11,905	2,167	1,271	7,189	8,484
New Mexico.....	21,857	23,774	6,337	7,787	15,520	15,987	5,350	6,054	3,615	4,569
Arizona.....	6,049	9,989	1,485	1,523	4,564	8,460	3,468	2,587	1,000	1,403
Utah.....	4,501	4,877	3,141	3,357	1,360	1,620	608	750	504	603
Nevada.....	2,156	1,871	1,330	1,231	827	630	925	1,452	979	299
Pacific.....	40,683	42,105	20,119	21,777	20,564	20,328	7,288	6,421	12,674	13,949
Washington.....	9,379	9,857	4,345	4,552	5,034	5,805	560	650	3,655	4,172
Oregon.....	12,877	13,528	6,247	6,645	6,630	6,884	839	855	2,832	2,974
California.....	18,426	18,720	9,527	10,580	8,900	8,130	5,869	4,915	6,147	6,803

<sup>1</sup> Less than 500 acres.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

NO. 613.—CROP LAND—ACREAGE AVAILABLE AND ACREAGE IN CROPS, BY  
TENURE OF OPERATORS, BY STATES: 1934

NOTE.—For totals (all tenures combined), see table 606

[In thousands of acres]

DIVISION AND STATE	LAND AVAILABLE FOR CROPS <sup>1</sup>				CROP LAND HARVESTED				CROP FAILURE			
	Full owners	Part owners	Man-agers	Ten-ants	Full owners	Part owners	Man-agers	Ten-ants	Full owners	Part owners	Man-agers	Ten-ants
United States.....	188,304	112,697	10,922	201,991	109,329	56,850	6,012	124,433	16,069	19,837	626	27,150
New England.....	3,924	630	189	398	3,144	441	145	315	22	8	1	2
Maine.....	1,300	152	28	01	1,155	132	23	76	5	1	(2)	(2)
New Hampshire.....	408	79	17	37	335	67	13	30	2	(2)	(2)	(2)
Vermont.....	1,000	143	44	103	825	115	35	138	4	1	(2)	1
Massachusetts.....	594	69	51	42	423	57	39	29	6	1	(2)	(2)
Rhode Island.....	63	16	8	16	40	11	5	10	(2)	(2)	(2)	(2)
Connecticut.....	498	71	39	43	365	68	30	31	5	1	(2)	(2)
Middle Atlantic.....	14,267	2,089	651	3,938	10,034	1,683	471	2,797	177	94	6	51
New York.....	6,936	1,361	290	1,669	4,961	1,027	207	1,203	78	15	2	21
New Jersey.....	762	98	72	208	528	80	51	207	2	(2)	1	1
Pennsylvania.....	6,905	630	289	1,971	4,555	476	214	1,388	9	3	3	29
East North Central.....	34,789	14,868	1,190	28,094	23,560	10,375	849	20,904	1,124	521	39	1,404
Ohio.....	7,450	2,439	233	5,323	4,684	1,798	160	3,742	109	33	5	84
Indiana.....	5,853	3,166	237	5,534	3,690	2,302	162	3,949	142	77	6	170
Illinois.....	6,690	5,434	345	12,714	4,266	3,848	254	9,190	431	306	20	978
Michigan.....	6,905	2,248	193	2,466	4,807	1,494	134	1,717	150	40	4	57
Wisconsin.....	7,892	1,531	177	3,058	6,103	1,232	139	2,268	291	66	4	116
West North Central.....	50,391	61,138	1,797	75,790	26,833	22,902	1,027	40,157	8,850	13,688	262	17,469
Minnesota.....	8,335	5,049	206	9,200	6,424	3,838	158	6,742	750	540	16	1,169
Iowa.....	8,723	3,776	205	14,191	5,771	2,614	199	10,341	841	175	12	532
Missouri.....	9,334	4,375	279	8,532	4,355	2,400	138	4,869	488	251	10	553
North Dakota.....	6,354	11,117	184	9,481	2,369	3,608	91	3,292	2,187	4,105	46	3,490
South Dakota.....	3,805	8,327	161	9,479	1,042	1,532	30	2,254	1,606	3,580	58	4,538
Nebraska.....	6,331	7,109	333	11,588	3,031	3,432	230	5,493	1,949	2,193	52	4,041
Kansas.....	7,508	11,384	338	13,319	3,851	5,480	165	7,167	1,507	2,765	07	3,096
South Atlantic.....	20,210	3,453	1,369	17,941	11,807	2,395	860	12,928	228	46	8	201
Delaware.....	272	30	22	257	180	24	17	169	3	(2)	(2)	2
Maryland.....	1,455	126	133	919	931	91	87	669	12	1	1	6
Dist. of Col.....	(2)	(2)	1	(2)	(2)	(2)	1	(2)	(2)	(2)	(2)	(2)
Virginia.....	5,097	767	264	1,932	2,269	433	125	1,025	40	6	1	18
West Virginia.....	2,490	339	87	654	1,157	181	49	823	21	3	8	6
North Carolina.....	3,687	922	120	3,515	2,400	707	86	2,773	40	11	1	33
South Carolina.....	2,021	462	152	3,018	1,395	355	88	2,340	35	9	2	42
Georgia.....	3,861	630	316	6,974	2,674	470	220	5,282	52	7	2	77
Florida.....	1,326	196	274	673	812	136	188	5,445	26	8	1	17
East South Central.....	20,346	3,561	643	18,017	10,029	2,117	397	13,209	192	36	5	152
Kentucky.....	7,662	1,292	115	3,492	2,873	666	43	1,830	62	13	(2)	29
Tennessee.....	5,452	1,041	111	4,125	2,774	664	55	2,837	53	10	1	34
Alabama.....	3,484	768	139	5,339	2,295	520	81	4,342	32	7	1	37
Mississippi.....	3,749	460	279	5,062	2,087	267	188	4,104	46	6	4	52
West South Central.....	24,243	12,961	2,234	38,745	14,127	7,037	378	26,145	2,398	1,976	151	4,927
Arkansas.....	3,098	869	208	4,033	2,218	597	155	3,468	158	34	5	171
Louisiana.....	2,182	465	300	2,928	1,289	287	155	2,246	55	12	8	76
Oklahoma.....	4,795	419	321	9,978	2,951	2,619	111	6,661	708	772	20	1,384
Texas.....	13,569	7,117	1,405	21,205	7,660	3,635	456	13,769	1,918	1,168	117	3,298
Mountain.....	12,171	17,341	1,190	11,163	4,989	5,051	493	4,120	2,389	3,288	107	2,707
Montana.....	3,352	7,384	269	3,231	1,216	2,198	107	1,070	684	1,235	36	612
Idaho.....	1,754	1,306	102	1,122	1,124	726	84	754	152	84	11	72
Wyoming.....	920	1,771	142	609	370	502	84	259	159	261	8	124
Colorado.....	2,851	4,023	183	4,591	1,136	1,092	79	1,646	701	1,178	23	1,487
New Mexico.....	1,734	2,170	279	1,135	320	183	18	223	439	428	16	339
Arizona.....	337	219	94	199	194	109	57	128	25	10	2	13
Utah.....	1,008	419	55	225	475	202	32	106	211	89	6	51
Nevada.....	216	48	65	51	148	39	51	34	17	3	4	3
Pacific.....	7,982	6,787	1,661	6,908	4,816	3,450	821	3,859	272	276	48	242
Washington.....	1,851	2,380	157	2,356	1,150	1,202	86	1,198	30	29	1	38
Oregon.....	1,900	1,612	173	1,236	1,109	833	91	709	93	119	12	67
California.....	4,211	2,775	1,331	3,314	2,407	1,415	745	1,952	149	128	35	147

<sup>1</sup> Includes crop land harvested, crop failure, crop land idle or fallow, and plowable pasture.

<sup>2</sup> Less than 500 acres.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 614.—FARMS AND FARM ACREAGE—PERCENTAGE OPERATED BY TENANTS,  
BY STATES: 1910 TO 1935

NOTE.—Land rented by part owners is not included

DIVISION AND STATE	PERCENT OF TOTAL OPERATED BY TENANTS												
	Number of farms					All land in farms					Land available for crops	Crop land harvested	Crop failure
	1910	1920	1925	1930	1935	1910	1920	1925	1930	1935	1934	1934	1934
United States.....	37.0	38.1	38.6	42.4	42.1	25.8	27.7	28.7	31.1	31.9	30.3	42.1	42.6
New England.....	8.0	7.4	5.6	6.3	7.7	7.8	7.7	5.9	6.6	7.6	7.9	7.8	7.8
Maine.....	4.3	4.2	3.4	4.5	6.9	3.6	3.8	3.0	3.7	5.5	5.6	5.5	6.8
New Hampshire.....	6.9	6.7	4.8	5.3	7.3	5.4	5.9	4.2	5.2	7.1	6.9	6.7	10.7
Vermont.....	12.3	11.6	9.3	9.7	10.9	13.7	13.3	10.7	10.7	11.3	12.4	12.4	11.3
Massachusetts.....	8.1	7.1	4.8	6.6	6.2	7.0	6.4	4.4	5.0	5.6	5.6	5.4	5.8
Rhode Island.....	18.0	15.5	12.1	12.5	13.8	18.2	15.9	12.1	14.8	15.4	15.7	15.2	9.4
Connecticut.....	9.8	8.5	6.4	6.2	7.8	9.9	8.9	6.7	7.0	6.9	6.7	6.4	6.9
Middle Atlantic.....	22.3	20.7	15.8	14.7	16.2	25.9	23.7	18.0	17.1	17.7	18.8	18.8	19.7
New York.....	20.8	19.2	14.1	13.2	14.2	24.4	22.4	17.2	15.5	15.5	16.2	16.3	17.7
New Jersey.....	24.8	23.0	15.9	15.6	17.8	30.4	28.5	23.5	21.5	23.3	24.3	23.9	24.4
Pennsylvania.....	23.3	21.9	17.4	16.9	17.7	27.1	24.7	20.6	18.6	19.7	21.0	20.9	21.3
East North Central.....	27.0	28.1	26.0	27.3	29.4	30.0	32.6	31.5	32.9	33.8	36.4	37.2	45.5
Ohio.....	28.4	29.5	25.5	26.3	28.9	31.4	33.8	30.9	31.2	32.8	34.5	36.0	36.3
Indiana.....	30.0	32.0	29.2	30.1	31.6	32.3	36.7	35.0	35.8	36.0	37.4	39.1	43.0
Illinois.....	41.4	42.7	42.0	43.1	44.5	43.6	46.9	47.1	48.7	49.1	50.5	52.4	56.4
Michigan.....	15.8	17.7	15.1	15.5	19.0	17.8	20.5	17.7	17.8	20.1	20.9	20.6	22.6
Wisconsin.....	13.9	14.4	15.5	18.2	20.7	15.8	17.0	18.4	21.4	22.9	24.1	23.5	24.3
West North Central.....	30.9	34.2	37.8	39.9	42.8	37.0	32.0	35.8	37.6	39.1	42.3	44.2	43.4
Minnesota.....	21.0	24.7	27.1	31.1	33.6	23.8	29.0	32.1	35.7	37.5	40.4	39.3	47.2
Iowa.....	37.8	41.7	44.7	47.3	49.6	39.0	44.4	47.5	50.3	51.8	52.6	54.0	52.4
Missouri.....	29.0	28.6	32.6	34.8	38.8	25.4	27.1	29.3	32.6	36.6	37.9	41.4	42.4
North Dakota.....	14.3	25.0	24.4	35.1	39.1	15.3	23.6	30.7	30.7	32.5	34.9	35.2	35.3
South Dakota.....	24.8	34.9	41.5	44.6	48.6	25.5	27.7	32.2	35.7	37.4	43.5	46.3	49.4
Nebraska.....	38.1	42.9	46.4	47.1	49.3	27.3	33.9	37.3	39.2	39.4	45.7	45.0	49.1
Kansas.....	36.8	40.4	42.2	42.4	44.0	30.6	37.0	39.5	39.0	39.2	40.0	43.0	41.6
South Atlantic.....	45.9	46.8	44.5	48.1	46.3	30.1	32.3	30.2	35.6	38.2	41.8	46.2	41.6
Delaware.....	41.9	39.3	35.8	33.8	34.8	52.1	49.9	46.5	43.4	44.3	44.3	43.4	39.5
Maryland.....	29.5	28.9	26.4	26.5	27.2	38.5	36.7	35.6	34.4	33.4	34.9	33.9	30.7
Dist. of Columbia.....	38.7	41.7	28.1	23.1	23.6	35.9	35.1	21.2	13.8	11.2	13.0	10.1	26.7
Virginia.....	26.5	25.0	25.2	28.1	29.5	21.1	21.4	19.7	22.9	25.0	24.0	26.7	28.9
West Virginia.....	20.5	16.2	16.3	18.6	25.8	15.6	14.6	14.3	15.9	20.0	18.3	18.9	18.2
North Carolina.....	42.9	43.5	45.2	49.2	47.2	27.6	30.9	31.3	37.3	37.8	42.6	46.5	38.8
South Carolina.....	63.0	64.5	65.1	65.1	62.2	36.4	42.5	41.0	45.5	47.8	53.5	56.0	47.7
Georgia.....	65.0	66.6	63.8	68.2	65.6	42.0	46.0	42.2	51.1	53.6	59.2	61.1	55.7
Florida.....	26.7	25.3	21.3	28.4	28.0	13.1	13.0	11.0	21.7	24.2	27.2	28.2	32.6
East South Central.....	50.7	49.7	50.3	55.9	54.8	28.0	29.6	29.2	36.0	37.1	42.3	51.4	39.5
Kentucky.....	33.9	33.4	32.0	35.9	37.1	19.0	21.1	19.8	25.7	27.1	27.8	33.9	27.0
Tennessee.....	41.1	41.1	41.0	46.2	46.2	25.1	28.2	29.5	33.7	35.2	38.4	44.8	34.9
Alabama.....	60.2	57.9	60.7	64.7	64.5	34.2	35.8	33.3	44.5	46.4	54.9	60.0	48.7
Mississippi.....	66.1	66.1	68.3	72.2	69.8	33.7	34.5	34.4	41.7	40.2	53.0	62.3	48.3
West South Central.....	52.8	52.3	56.2	62.3	59.5	26.7	30.1	33.5	37.1	37.3	46.6	54.3	49.8
Arkansas.....	60.0	51.3	56.7	63.0	60.9	27.0	30.3	33.8	42.2	42.3	49.3	53.9	46.5
Louisiana.....	55.3	57.1	60.1	66.6	63.7	25.7	28.6	29.7	39.7	40.9	49.8	56.5	50.0
Oklahoma.....	64.8	61.0	58.6	61.5	61.2	43.1	39.3	45.1	48.3	47.8	50.9	54.0	48.0
Texas.....	52.6	63.3	60.4	60.9	57.1	22.5	27.6	30.5	33.2	33.6	40.0	54.1	50.8
Mountain.....	10.7	15.4	22.2	24.4	26.6	10.5	11.5	14.5	16.0	16.1	26.7	28.1	31.8
Montana.....	8.0	11.3	21.9	24.5	27.7	10.9	9.3	16.7	16.8	16.9	22.7	23.3	23.8
Idaho.....	10.3	15.9	24.4	25.3	28.5	10.7	14.2	20.4	19.9	20.5	26.2	28.2	22.7
Wyoming.....	8.2	12.5	17.0	22.0	23.3	6.2	8.3	8.9	10.7	9.0	17.7	21.2	22.4
Colorado.....	18.2	23.0	30.9	34.5	39.0	16.7	17.4	22.7	24.8	28.3	30.9	40.1	43.9
New Mexico.....	5.5	12.2	17.1	20.2	19.0	8.7	11.0	11.9	11.7	13.3	21.3	29.9	27.7
Arizona.....	9.3	18.1	21.5	16.4	17.8	8.6	10.2	8.8	9.0	10.4	23.4	26.2	26.0
Utah.....	7.9	10.9	11.1	12.2	14.9	5.7	7.4	4.9	9.0	9.7	13.2	13.0	14.4
Nevada.....	12.4	9.4	7.9	12.9	14.4	5.8	6.0	6.0	24.5	8.2	13.3	12.5	11.3
Pacific.....	17.2	20.1	15.6	17.7	21.2	19.8	22.8	19.7	20.8	22.3	29.6	29.6	28.9
Washington.....	13.7	18.7	16.3	17.0	20.0	17.7	26.0	25.4	26.0	28.4	34.9	32.0	38.7
Oregon.....	15.1	18.8	16.8	17.8	21.7	16.1	19.8	18.8	17.1	17.1	25.1	25.0	20.4
California.....	20.6	21.4	14.7	18.0	21.7	22.2	22.8	18.6	20.2	22.3	28.5	29.7	32.0

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 615.—FARM LAND AND BUILDINGS, VALUE, AND AVERAGE VALUE PER FARM, BY TENURE OF OPERATORS, BY STATES: 1930 AND 1935

NOTE.—Value of land and buildings in millions and tenths of millions of dollars (that is, 21,123.5= \$21,123,500,000); average value per farm in dollars. For total value of land and buildings and average value of land and buildings per farm for all tenures combined see tables 607 and 604, respectively

DIVISION AND STATE	VALUE OF LAND AND BUILDINGS								AVERAGE VALUE PER FARM, 1935			
	Full owners		Part owners		Managers		Tenants		Full owners	Part owners	Managers	Tenants
	1930	1935	1930	1935	1930	1935	1930	1935				
United States.....	21,123.5	14,824.6	8,186.3	5,515.1	2,239.5	1,566.3	16,381.6	10,952.7	4,618	8,008	32,561	3,823
New England.....	713.4	886.9	77.4	69.8	93.0	76.1	58.9	58.5	5,246	6,473	33,179	4,788
Maine.....	170.4	122.1	9.1	10.4	7.7	3.9	7.1	7.2	3,408	3,589	12,629	2,483
N. Hampshire.....	60.8	50.9	5.4	7.7	7.8	4.3	3.4	4.0	3,528	4,307	20,428	3,108
Vermont.....	111.3	86.7	10.9	11.4	8.4	5.6	15.3	12.4	4,032	5,245	12,392	4,222
Massachusetts.....	183.4	192.9	22.8	16.5	38.8	33.1	11.2	13.2	6,397	8,406	40,661	6,098
Rhode Island.....	21.8	21.4	4.6	4.1	4.0	5.8	4.1	4.0	6,610	10,303	60,733	6,662
Connecticut.....	160.8	222.9	24.5	19.7	26.3	23.5	15.8	17.7	8,038	12,380	47,806	7,571
Mid. Atlantic.....	1,948.0	1,427.3	218.5	181.0	195.2	191.1	456.1	342.0	4,730	6,884	36,098	5,321
New York.....	904.7	684.1	135.4	118.2	30.5	104.9	189.4	140.2	5,115	7,444	40,754	5,586
New Jersey.....	202.2	156.1	20.0	16.0	30.1	20.7	40.6	41.5	7,092	10,188	37,637	7,910
Pennsylvania.....	841.1	587.1	63.2	48.8	78.7	65.5	220.0	160.3	4,021	5,310	30,172	4,726
E. N. Central.....	4,354.0	3,071.6	1,412.8	1,058.6	267.1	151.2	3,302.9	2,317.4	4,982	7,468	21,794	7,270
Ohio.....	869.1	660.0	226.5	173.4	60.7	38.1	505.7	395.0	4,344	6,084	27,789	5,355
Indiana.....	597.0	443.0	271.3	201.8	30.6	22.4	515.7	372.4	4,183	6,740	16,686	5,864
Illinois.....	971.5	637.4	580.9	401.8	83.6	45.9	1,099.9	1,120.8	7,338	10,121	24,526	10,897
Michigan.....	708.4	508.3	181.6	135.1	53.6	22.7	219.0	160.2	3,828	5,330	21,541	4,292
Wisconsin.....	1,180.0	816.3	152.5	139.6	38.6	22.1	360.5	268.9	5,937	7,043	17,330	6,513
W. N. Central.....	5,258.6	3,215.2	3,466.3	2,142.2	216.6	127.9	6,222.0	3,899.9	6,829	10,705	20,739	7,757
Minnesota.....	971.4	638.0	384.9	260.5	27.1	15.8	741.3	495.0	6,008	7,960	18,050	7,280
Iowa.....	1,480.0	878.6	627.5	392.7	68.6	27.2	2,047.6	1,219.3	8,106	14,278	19,735	11,073
Missouri.....	843.5	498.6	325.0	188.7	40.9	24.0	586.8	387.9	3,774	5,097	18,801	3,591
N. Dakota.....	255.1	190.8	382.3	282.0	10.5	6.0	303.3	228.3	7,398	11,121	17,910	6,894
S. Dakota.....	283.7	149.1	436.2	234.1	13.7	9.0	540.5	299.6	6,959	11,135	24,062	7,402
Nebraska.....	761.5	461.2	599.9	389.1	34.1	21.6	1,069.7	690.9	7,002	10,110	27,186	10,498
Kansas.....	643.5	428.1	710.6	455.1	30.8	20.1	890.2	575.4	7,038	12,454	21,839	7,495
South Atlantic.....	2,116.4	1,530.9	279.3	206.7	201.3	193.9	1,165.1	861.1	2,901	2,583	23,909	1,623
Delaware.....	36.5	25.9	3.1	2.2	5.2	5.8	22.2	17.5	4,208	4,984	37,363	4,837
Maryland.....	206.9	146.4	19.9	10.9	32.3	21.5	97.1	63.9	4,978	5,251	25,401	5,288
Dist. of Col.....	1.5	1.7	(1)	(1)	4.9	5.0	6.0	5.3	10,120	10,000	294,093	22,890
Virginia.....	562.2	396.0	76.9	49.3	51.6	30.2	165.1	118.4	3,289	2,990	27,266	2,023
W. Virginia.....	248.8	166.2	28.8	20.2	13.5	9.0	50.8	42.9	2,409	2,452	15,111	1,568
N. Carolina.....	420.6	303.6	73.4	62.5	16.3	13.4	334.0	243.1	2,365	2,104	19,240	1,710
S. Carolina.....	163.8	121.4	26.3	23.0	15.2	13.0	173.9	128.1	2,365	2,105	20,487	1,245
Georgia.....	228.1	175.4	30.2	23.7	34.9	18.0	284.2	212.7	2,312	2,542	17,440	1,294
Florida.....	248.0	193.7	20.7	14.8	117.3	78.0	37.4	34.6	4,238	4,032	25,669	1,698
E. S. Central.....	1,369.1	1,021.3	813.9	149.0	80.5	59.9	1,021.8	692.0	2,390	2,086	22,856	1,110
Kentucky.....	540.2	390.9	79.8	53.8	21.8	12.8	239.6	162.9	2,624	2,097	30,330	1,578
Tennessee.....	404.7	311.0	71.6	47.8	17.5	11.4	249.5	185.5	2,487	2,206	23,851	1,405
Alabama.....	211.4	157.8	41.2	30.3	13.4	9.2	236.4	171.0	1,984	2,010	17,740	970
Mississippi.....	212.9	161.6	21.2	17.1	27.9	10.5	300.3	172.7	1,911	1,978	21,748	794
W. S. Central.....	1,963.8	1,444.4	859.9	628.7	327.1	262.9	2,655.3	1,691.7	3,856	7,579	49,643	2,469
Arkansas.....	209.9	155.8	48.8	32.5	14.0	14.7	275.0	173.1	1,814	2,203	24,791	1,140
Louisiana.....	169.3	127.4	28.4	22.3	34.7	20.5	185.8	125.2	2,321	3,469	29,586	1,156
Oklahoma.....	342.7	230.2	270.0	170.1	23.0	17.1	606.1	367.0	3,915	7,365	22,070	2,809
Texas.....	1,241.9	933.0	512.6	403.7	254.5	210.6	1,588.3	1,026.4	5,402	10,424	60,622	3,587
Mountain.....	989.8	704.4	757.5	553.3	157.8	103.7	673.4	412.1	4,770	11,365	34,593	5,717
Montana.....	162.1	113.5	237.1	174.1	22.4	14.5	108.0	73.8	5,277	11,810	43,656	5,276
Idaho.....	200.2	147.9	95.6	67.2	14.4	9.2	107.1	83.1	5,687	11,510	23,238	6,453
Wyoming.....	65.1	45.4	93.4	79.2	13.2	17.8	35.1	24.3	5,541	10,307	48,087	5,053
Colorado.....	218.4	151.9	165.7	105.5	29.0	12.8	216.3	148.6	5,479	6,940	26,631	6,982
N. Mexico.....	77.1	68.9	69.1	54.2	21.2	14.1	40.5	32.9	2,516	9,418	35,822	4,188
Arizona.....	70.9	54.0	38.5	34.4	39.8	10.4	35.0	24.8	4,124	18,005	34,816	7,407
Utah.....	140.7	100.3	48.1	33.0	7.1	5.0	25.4	20.0	4,757	6,875	22,444	4,356
Nevada.....	35.4	22.4	9.9	5.6	10.7	9.9	8.1	4.7	8,469	18,422	45,829	8,898
Pacific.....	2,435.4	1,711.3	850.7	527.9	609.9	407.6	928.0	678.1	8,598	18,758	47,469	10,868
Washington.....	395.5	285.3	188.3	114.1	34.4	23.1	175.5	128.2	4,871	14,399	21,877	7,617
Oregon.....	321.7	234.9	158.4	106.5	29.5	19.7	121.2	87.7	5,507	14,404	27,527	6,232
California.....	1,718.2	1,191.2	524.1	307.3	545.9	364.8	631.3	462.2	11,978	26,943	53,520	14,136

<sup>1</sup> Less than \$50,000.

Source: Department of Commerce, Bureau of the Census, Agriculture Reports, 1935, Vol. III.

No. 616.—FARMS—NUMBER, ACREAGE, AND VALUE, BY COLOR OF OPERATORS, FOR NORTH AND WEST, AND BY COLOR AND TENURE OF OPERATORS, FOR SOUTH, BY STATES: 1930 AND 1935

NOTE.—Acreage in thousands; value in thousands of dollars. Data by tenure and color are available for the South only

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS				VALUE OF LAND AND BUILDINGS	
	White		Colored		White		Colored		White, 1935	Colored, 1935
	1930	1935	1930	1935	1930	1935	1930	1935	1935	1935
United States	5,372,578	5,966,795	916,070	855,555	945,683	1,015,710	41,088	38,805	31,930,394	928,460
New England	124,769	157,928	159	415	14,273	15,452	10	11	899,970	1,301
Maine	38,989	41,833	17	14	4,639	4,721	1	1	143,518	22
New Hampshire	14,808	17,089	8	6	1,959	2,115	1	(1)	65,928	9
Vermont	24,876	27,043	22	18	3,892	4,040	4	3	115,942	54
Massachusetts	25,534	34,804	64	290	2,003	2,191	2	5	254,742	935
Rhode Island	3,311	4,309	11	18	279	307	1	(1)	35,173	65
Connecticut	17,158	32,088	37	69	1,500	2,708	2	2	283,068	210
Middle Atlantic	356,396	396,216	1,207	1,468	34,908	36,373	80	82	2,138,211	5,201
New York	159,346	170,432	460	593	17,942	18,044	37	42	1,043,101	2,290
New Jersey	24,004	28,873	384	502	1,738	1,893	20	21	232,812	1,502
Pennsylvania	172,056	190,911	363	373	15,237	15,836	22	19	860,298	1,409
E. North Central	963,019	1,079,684	3,483	4,153	110,652	116,727	239	230	6,588,035	8,809
Ohio	218,059	253,669	1,237	1,477	21,421	22,768	93	90	1,273,938	3,618
Indiana	181,095	200,411	1,475	424	19,060	20,496	29	24	1,039,070	1,162
Illinois	213,603	230,176	894	1,136	30,638	31,008	58	54	2,203,078	1,821
Michigan	168,811	195,803	561	654	17,081	18,420	38	40	824,895	1,306
Wisconsin	181,451	199,415	316	462	21,854	23,831	21	23	1,246,148	742
W. North Central	1,101,848	1,169,825	11,107	10,631	204,071	271,831	1,417	1,246	9,364,615	20,526
Minnesota	185,010	202,972	245	330	30,802	32,790	11	28	1,382,477	695
Iowa	214,774	221,851	154	135	34,008	34,340	21	11	2,461,868	444
Missouri	250,079	273,199	5,801	5,258	33,480	34,829	257	225	1,092,105	7,176
North Dakota	77,174	83,531	861	1,075	38,508	38,939	150	180	705,083	2,050
South Dakota	80,417	80,805	2,740	2,408	35,680	36,460	791	642	686,554	5,310
Nebraska	129,188	133,347	270	269	44,678	46,591	30	24	1,561,697	1,116
Kansas	165,006	173,523	1,036	1,060	46,819	47,874	157	130	1,474,830	8,829
The South	2,342,129	2,606,176	881,687	915,747	805,281	840,620	37,806	35,586	7,948,456	788,402
Owners	1,233,656	1,388,001	182,019	180,065	178,621	190,516	11,479	10,534	4,774,439	207,933
Full owners	1,050,187	1,189,833	140,496	150,113	136,194	150,601	9,019	8,514	3,832,305	165,667
Part owners	183,469	198,768	41,623	35,952	42,427	48,915	2,460	2,020	942,134	42,266
Managers	16,529	15,401	820	851	27,296	25,041	267	180	608,298	6,309
All tenants	1,091,044	1,202,174	698,839	620,801	90,364	110,064	26,030	24,872	2,070,719	574,101
Croppers	383,381	347,848	392,897	368,408	10,636	18,361	11,970	11,477	489,048	311,197
South Atlantic	760,089	865,557	298,379	281,698	71,704	81,095	14,659	14,893	2,478,389	813,640
Owners	459,427	520,653	80,503	87,429	47,393	51,572	4,258	4,102	1,646,217	60,731
Full owners	406,866	458,248	60,714	69,104	41,694	44,962	3,314	3,238	1,458,950	71,269
Part owners	53,041	62,405	19,789	18,265	5,699	6,611	944	864	187,257	19,461
Managers	8,485	7,893	479	216	3,641	3,632	110	58	190,861	3,015
All tenants	292,177	336,991	217,397	193,951	20,070	25,890	10,290	10,733	941,312	219,804
Croppers	120,487	113,652	124,171	107,296	6,284	6,758	5,079	5,040	169,991	116,168
Delaware	3,900	9,554	807	827	846	871	55	51	49,720	1,756
Owners	5,887	6,217	373	398	467	468	14	13	27,651	536
Full owners										
Part owners	5,507	5,793	309	371	431	426	11	12	25,439	500
Managers	380	424	64	27	36	42	3	1	2,212	36
All tenants	146	143	19	13	26	30	3	2	5,648	181
Croppers	2,807	3,194	415	410	353	372	38	36	16,421	1,039
Maryland	37,030	30,518	5,267	4,894	4,029	4,088	346	295	232,299	10,415
Owners	27,892	28,755	2,041	2,720	2,532	2,595	108	93	153,352	3,910
Full owners										
Part owners	25,971	27,033	2,362	2,365	2,306	2,411	88	79	143,003	3,353
Managers	1,911	1,722	679	355	226	184	20	13	10,340	557
All tenants	810	805	120	42	207	222	22	8	21,062	453
Croppers	9,235	9,953	2,206	2,132	1,290	1,272	216	195	57,885	6,053
District of Columbia	1,049	1,061	597	600	144	115	47	47	5,558	1,771
Owners	61	43	8	8	1	1	(1)	(1)	7,083	100
Full owners	46	42	7	8	1	1	(1)	(1)	1,650	53
Managers	5	1	1	1	(1)	(1)	(1)	(1)	12	
All tenants	20	16	1	1	2	2	(1)	(1)	4,970	30
Croppers	22	18	2	3	(1)	(1)	(1)	(1)	463	18

1 Less than 500 acres.

No. 616.—FARMS—NUMBER, ACREAGE, AND VALUE, BY COLOR OF OPERATORS, FOR NORTH AND WEST, AND BY COLOR AND TENURE OF OPERATORS, FOR SOUTH, BY STATES: 1930 AND 1935—Continued

[Acreage in thousands; value in thousands of dollars]

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS				VALUE OF LAND AND BUILDINGS	
	White		Colored		White		Colored		White, 1935	Colored, 1935
	1930	1935	1930	1935	1930	1935	1930	1935		
<b>The South—Con.</b>										
<b>S. Atlantic—Con.</b>										
Virginia.....	130,937	154,421	30,673	43,211	14,683	15,607	2,046	2,038	546,663	47,162
Owners.....	96,656	110,477	24,448	27,062	11,067	11,570	1,183	1,129	417,947	27,319
Full owners.....	85,766	98,173	19,200	23,817	9,743	10,368	987	936	373,055	22,920
Part owners.....	10,900	12,304	5,248	4,345	1,324	1,307	246	193	44,889	4,399
Managers.....	1,459	1,070	77	37	632	530	23	13	29,696	587
All tenants.....	32,822	49,874	15,148	15,512	2,984	3,507	839	805	99,119	19,286
Croppers.....	10,456	12,137	6,797	6,102	680	726	281	290	20,847	6,922
West Virginia.....	82,150	104,054	491	693	8,774	9,395	28	28	236,505	1,139
Owners.....	66,200	76,622	373	511	7,127	7,293	19	19	186,846	561
Full owners.....	60,253	68,525	328	456	6,305	6,418	16	17	165,070	507
Part owners.....	5,947	8,097	45	55	822	875	3	2	20,175	54
Managers.....	714	586	7	7	256	220	1	2	8,584	377
All tenants.....	15,236	26,846	111	175	1,392	1,874	9	7	42,075	202
Croppers.....	1,811	3,032	23	11	174	223	1	1	5,154	29
North Carolina.....	202,835	231,504	76,873	69,873	14,663	16,767	3,363	3,169	524,072	98,647
Owners.....	121,734	137,738	19,711	20,373	10,090	11,093	982	948	339,569	26,301
Full owners.....	102,597	114,051	13,198	14,343	8,712	9,340	697	607	285,277	18,301
Part owners.....	19,167	23,687	6,513	6,030	1,378	1,758	285	281	54,582	7,940
Managers.....	625	683	23	15	249	348	6	5	13,179	251
All tenants.....	80,476	93,173	57,139	48,985	4,323	5,326	2,404	2,217	171,034	72,095
Croppers.....	34,286	36,392	34,805	30,001	1,393	1,530	1,212	1,104	67,533	41,268
South Carolina.....	80,506	88,967	77,425	76,537	7,221	8,841	3,489	3,489	215,687	69,828
Owners.....	38,478	43,548	15,992	18,394	4,440	5,071	788	795	129,660	14,828
Full owners.....	33,578	37,652	11,937	13,676	3,859	4,314	617	619	110,262	11,144
Part owners.....	4,900	5,896	4,055	4,719	582	757	171	176	19,298	3,684
Managers.....	622	617	19	19	416	557	21	11	12,822	208
All tenants.....	41,406	44,802	61,302	58,124	2,365	3,213	2,363	2,688	73,300	54,793
Croppers.....	17,893	16,001	31,046	30,237	759	839	1,091	1,143	20,650	27,179
Georgia.....	108,809	177,250	86,789	73,285	16,974	19,093	5,105	5,333	355,525	74,231
Owners.....	68,721	74,626	11,081	10,571	8,971	10,100	883	839	187,622	11,485
Full owners.....	61,582	66,952	9,014	8,905	7,044	8,012	726	689	165,899	9,403
Part owners.....	7,139	7,674	2,067	1,666	1,028	1,188	157	149	21,722	2,022
Managers.....	1,334	984	72	32	908	782	24	11	17,444	407
All tenants.....	98,754	101,649	75,036	62,682	7,095	9,081	4,198	4,489	150,359	62,338
Croppers.....	51,404	41,672	49,450	38,783	2,992	3,087	2,380	2,378	54,410	37,596
Florida.....	47,923	60,093	11,043	12,764	4,512	5,500	515	489	130,837	10,241
Owners.....	33,818	42,627	5,576	6,792	2,698	3,382	232	266	202,730	5,738
Full owners.....	31,126	40,027	4,359	5,724	2,395	2,876	223	218	183,713	4,968
Part owners.....	2,692	2,600	1,217	1,068	304	506	59	48	14,017	770
Managers.....	2,746	2,989	89	50	945	933	9	5	77,457	521
All tenants.....	11,359	14,477	5,789	5,922	898	1,245	224	217	30,650	3,982
Croppers.....	3,423	3,153	1,393	1,521	216	216	59	66	4,599	1,230
<b>East South Central</b>										
Owners.....	741,255	834,292	320,959	302,927	60,888	68,087	11,681	11,634	1,681,412	233,308
Full owners.....	414,760	462,381	50,588	48,892	41,766	45,168	3,523	3,196	1,119,058	51,278
Part owners.....	368,174	400,793	39,420	39,445	36,381	39,388	2,874	2,649	980,038	41,274
Managers.....	66,586	61,583	11,168	9,447	5,384	5,780	640	546	139,021	10,004
All tenants.....	2,747	2,245	141	68	1,288	1,350	50	28	51,646	1,321
Croppers.....	323,748	369,066	270,230	253,967	17,883	21,549	8,358	7,810	510,808	181,207
Croppers.....	130,742	131,113	160,239	165,265	4,873	5,014	3,660	3,837	126,721	105,553
Kentucky.....	237,395	270,045	9,104	8,250	19,585	20,395	842	303	610,710	9,899
Owners.....	163,228	170,609	4,175	4,052	14,428	14,744	183	168	440,067	4,634
Full owners.....	132,160	145,823	3,055	3,157	12,580	12,823	138	133	394,293	3,568
Part owners.....	21,068	24,781	1,120	895	1,848	1,921	45	35	52,764	1,066
Managers.....	660	411	11	11	193	171	3	6	12,376	423
All tenants.....	38,507	99,023	4,914	4,187	4,064	5,480	156	129	158,266	4,642
Croppers.....	27,134	30,258	3,110	2,756	1,007	1,098	74	60	30,973	2,404
Tennessee.....	210,519	239,387	35,138	34,396	16,645	17,804	1,357	1,282	521,181	34,560
Owners.....	123,694	138,853	7,832	7,843	11,310	11,787	419	381	340,971	6,839
Full owners.....	104,166	118,889	5,687	5,687	9,569	10,129	310	296	304,239	5,731
Part owners.....	19,528	19,964	2,145	1,692	1,741	1,658	109	86	45,732	2,108
Managers.....	577	472	34	8	200	192	6	1	11,362	86
All tenants.....	86,248	100,062	27,272	26,545	5,136	5,820	932	896	160,848	25,644
Croppers.....	33,745	35,381	16,559	16,096	1,321	1,338	442	417	41,729	12,385



No. 616.—FARMS—NUMBER, ACREAGE, AND VALUE, BY COLOR OF OPERATORS, FOR NORTH AND WEST, AND BY COLOR AND TENURE OF OPERATORS, FOR SOUTH, BY STATES: 1930 AND 1935—Continued

(Acreage in thousands; value in thousands of dollars)

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS				VALUE OF LAND AND BUILDINGS	
	White		Colored		White		Colored		White, 1935	Colored, 1935
	1930	1935	1930	1935	1930	1935	1930	1935		
The South—Con. E. S. Gen.—Con.										
Alabama	163,566	182,180	93,829	91,275	13,396	15,757	4,159	3,904	304,913	63,306
Owners	74,441	80,983	15,931	15,709	8,214	9,132	1,190	1,054	172,202	15,907
Full owners	63,727	69,967	11,417	11,657	7,030	7,801	917	827	145,884	11,941
Part owners	10,714	11,016	4,514	4,052	1,184	1,331	273	227	26,318	3,966
Managers	580	492	23	24	318	330	14	15	8,626	528
All tenants	88,545	100,705	77,875	75,542	4,864	6,206	2,955	2,435	124,085	46,872
Croppers	37,562	34,717	27,572	33,267	1,575	1,027	938	1,100	33,407	19,935
Mississippi	129,776	142,677	182,888	169,008	11,259	14,110	6,073	5,545	244,607	120,231
Owners	63,397	71,986	22,650	21,288	7,814	9,505	1,731	1,593	166,819	21,894
Full owners	58,121	66,114	19,261	18,480	7,203	8,636	1,509	1,303	142,612	19,034
Part owners	5,276	5,872	3,389	2,808	611	869	221	199	14,206	2,864
Managers	930	870	69	25	526	656	27	6	19,181	2,094
All tenants	65,448	69,871	160,169	147,693	2,919	3,948	4,316	3,947	68,008	104,049
Croppers	32,301	30,757	102,992	106,156	1,970	1,040	2,206	2,264	20,553	73,327
West South Central	840,785	905,347	268,349	231,224	172,690	191,459	11,216	9,660	3,788,655	241,020
Owners	359,469	408,567	50,928	49,744	89,462	102,775	3,698	3,230	2,009,104	65,924
Full owners	285,627	330,787	40,362	41,604	68,119	80,251	2,822	2,627	1,393,308	53,123
Part owners	73,842	74,780	10,566	8,240	31,344	30,524	876	609	615,866	12,801
Managers	5,207	6,263	209	97	22,417	20,059	1070	904	200,891	2,034
All tenants	476,019	495,517	211,212	181,383	60,811	68,624	7,411	6,320	1,518,600	178,000
Croppers	132,152	103,083	118,487	102,847	8,478	6,580	3,231	2,600	192,736	80,486
Arkansas	162,755	181,713	79,579	71,300	13,565	15,511	2,488	2,231	318,873	62,214
Owners	77,654	89,319	11,455	11,343	8,285	9,138	705	670	175,394	13,023
Full owners	63,539	75,267	9,957	9,628	6,713	7,659	561	500	144,818	11,001
Part owners	14,015	13,052	2,397	1,715	1,573	1,479	144	110	30,516	2,022
Managers	611	575	23	17	285	413	7	7	14,435	241
All tenants	84,590	91,819	68,101	59,940	4,995	5,960	1,776	1,554	124,105	48,950
Croppers	26,509	24,625	45,465	40,978	1,055	920	961	816	28,302	30,490
Louisiana	87,675	99,961	73,770	70,315	7,040	8,239	2,315	2,205	233,811	61,705
Owners	42,050	50,481	10,503	10,839	4,158	4,869	603	544	138,093	11,040
Full owners	38,107	46,617	8,786	9,274	3,595	4,198	518	477	117,723	9,707
Part owners	4,549	4,864	1,717	1,565	562	670	90	67	20,371	1,933
Managers	681	499	54	20	850	749	20	5	20,232	313
All tenants	44,338	48,921	63,213	59,456	2,026	2,621	1,692	1,650	75,485	49,762
Croppers	17,214	16,706	32,214	33,513	635	598	718	755	18,243	25,584
Oklahoma	180,929	195,501	22,927	17,824	31,825	33,933	1,066	1,402	757,331	27,064
Owners	69,380	75,127	8,334	6,762	15,557	16,015	645	867	367,183	13,071
Full owners	47,097	53,229	6,550	5,570	7,244	8,094	464	464	220,209	3,964
Part owners	22,283	21,901	1,784	1,192	8,313	8,521	291	181	166,974	3,117
Managers	779	759	44	16	943	1,156	43	13	16,780	324
All tenants	110,770	119,615	14,550	11,040	15,325	16,162	1,008	744	363,397	13,669
Croppers	16,495	10,959	4,560	2,681	1,529	1,014	1,128	112	25,876	2,073
Texas	409,426	429,232	86,963	71,785	120,260	133,776	4,447	3,822	2,483,640	90,065
Owners	169,870	190,640	20,636	20,800	61,463	72,163	1,475	1,378	1,308,554	28,191
Full owners	136,884	155,677	15,968	17,032	40,567	46,301	1,125	1,127	910,558	22,402
Part owners	32,986	34,963	4,668	3,768	20,895	25,852	350	251	397,996	5,729
Managers	5,220	5,903	88	44	20,333	17,740	37	69	209,444	1,155
All tenants	236,321	235,162	65,339	50,941	38,664	43,882	2,934	2,175	995,642	60,719
Croppers	68,874	50,793	30,248	25,875	5,358	4,057	1,235	817	125,255	27,740
Pacific	230,391	237,432	10,923	13,960	156,446	172,779	1,004	1,109	1,746,331	26,103
Montana	46,311	48,797	1,184	1,767	44,260	46,959	399	550	370,922	4,019
Idaho	40,970	44,343	698	770	9,290	9,895	57	57	304,192	3,203
Wyoming	15,748	17,178	203	309	23,483	28,132	49	30	166,011	3,755
Colorado	59,355	63,172	601	472	28,795	29,016	82	62	415,805	2,882
New Mexico	28,059	37,177	3,345	4,192	30,578	34,170	244	227	160,044	4,107
Arizona	10,220	13,315	3,953	5,500	10,408	13,903	110	115	124,823	7,826
Utah	26,591	30,170	568	525	5,574	6,208	39	31	160,475	1,820
Nevada	3,131	3,280	311	416	4,000	3,000	21	21	41,963	606
Washington	254,223	290,386	7,504	9,181	59,993	81,928	532	548	3,248,776	78,103
Oregon	69,555	82,861	1,349	1,520	13,404	14,548	129	132	543,938	6,782
California	54,470	64,058	683	788	16,476	17,275	73	82	445,140	3,572
California	130,204	143,467	5,472	6,893	30,112	30,104	330	334	2,257,698	67,748

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 617.—FARM-MORTGAGE INDEBTEDNESS—SUMMARY BY TENURE OF OPERATORS, 1930 AND 1935, AND FOR FARMS OPERATED BY FULL OWNERS, 1910 TO 1935

	All tenures	All owners	Full owners	Part owners <sup>1</sup>	Managers and tenants
Total number of farms—1930	6,288,048	3,568,394	2,911,644	650,750	2,720,254
1935	6,812,350	3,899,091	3,210,224	688,867	2,913,269
Percent change, 1930 to 1935	8.3	9.3	10.3	4.9	7.1
Number of mortgaged farms—1930	2,523,223	1,591,701	1,231,668	360,033	931,522
1935	2,350,313	1,619,165	1,270,107	349,058	731,148
Percent change, 1930 to 1935	-6.9	1.7	3.1	-3.0	-21.5
Percent of total farms—1930	40.1	44.6	42.3	54.8	34.2
1935	34.5	41.5	39.6	50.7	25.1
Farm mortgage debt (1,000 dollars)—1930	9,214,278	5,676,268	4,337,225	1,339,043	3,538,010
1935	7,645,091	4,895,811	3,682,364	1,213,447	2,749,280
Percent change, 1930 to 1935	-17.0	-13.7	-15.1	-9.4	-22.3

	1910 <sup>2</sup>	1920 <sup>2</sup>	1930	1935
FARMS OPERATED BY FULL OWNERS				
Total number of farms	3,354,897	3,366,510	2,911,644	3,210,224
Number of farms mortgaged	1,006,511	1,193,047	1,231,668	1,270,107
Percent of total farms	30.0	35.4	42.3	39.6
Land in farms—1,000 acres	404,923	461,250	372,450	390,978
Land mortgaged—do	do	do	182,081	181,808
Percent of total	do	do	48.9	46.5
Value of all farms (land and buildings)—1,000 dollars	17,310,639	30,710,721	21,123,468	14,824,645
Value of mortgaged farms (land and buildings)—do	6,330,237	13,775,500	10,955,133	7,338,406
Percent of total	36.6	44.9	51.9	49.5
Farm mortgage debt—1,000 dollars	1,720,173	4,003,767	4,337,225	3,682,364
Ratio of debt to value—percent	27.3	29.1	39.6	30.2
Average value per mortgaged farm	\$6,289	\$11,846	\$8,895	\$5,778
Average debt per mortgaged farm	\$1,715	\$3,356	\$3,521	\$2,899

<sup>1</sup> The debt on the rented portion of part-owner farms is included with tenants.

<sup>2</sup> Figures for mortgaged farms relate only to those reporting amount of mortgage debt.

No. 618.—FARM-MORTGAGE STATUS OF FULL OWNERS, BY AGE, 1920 AND 1930, AND BY COLOR AND AGE, 1930

[Statistics for 1930 are for Apr. 1; for 1920, Jan. 1]

AGE GROUP	ALL FULL OWNERS							
	Total	1920		Total	1930		Unknown (no report)	
		Free from mortgage <sup>1</sup>	Mortgaged		Free from mortgage	Mortgaged		
Total	3,366,510	2,149,276	1,217,234	2,911,644	1,569,178	1,157,848	184,618	
Reporting age	3,320,849	2,117,469	1,203,190	2,808,122	1,519,225	1,126,163	163,737	
Under 25 years	68,081	39,111	28,970	37,366	18,071	14,625	4,099	
25 to 34 years	443,272	216,759	227,513	280,704	106,799	127,117	16,848	
35 to 44 years	771,482	422,804	348,018	576,845	251,900	293,871	31,074	
45 to 54 years	870,813	556,833	319,980	747,751	380,235	327,535	39,978	
55 to 64 years	704,526	508,786	195,740	678,233	401,692	238,524	38,017	
65 years and over	456,475	374,106	82,369	617,134	359,928	123,488	33,718	
Not reporting age	45,661	31,817	14,044	103,522	49,953	32,685	20,884	
		White (including Mexicans and Hindus), 1930			Colored (all nonwhites), 1930			
	Total	Number reporting farms		Total	Number reporting farms		Unknown (no report)	
		Free from mortgage	Mortgaged		Free from mortgage	Mortgaged		
Total	2,762,787	1,474,715	1,113,311	168,857	94,463	44,537	19,857	
Reporting age	2,664,876	1,427,012	1,081,602	153,446	82,213	43,661	17,772	
Under 25 years	34,233	16,748	13,942	3,543	1,923	683	556	
25 to 34 years	237,485	99,002	123,647	14,836	7,797	3,470	2,012	
35 to 44 years	549,577	236,110	285,738	27,729	15,700	8,133	3,245	
45 to 54 years	704,932	356,507	313,997	42,769	24,638	13,541	4,590	
55 to 64 years	640,663	379,071	227,431	37,580	22,621	11,493	3,866	
65 years and over	487,740	340,484	116,847	29,388	19,444	6,941	2,303	
Not reporting age	98,111	47,703	31,709	18,699	2,260	976	2,186	

<sup>1</sup> Includes full owners whose mortgage status was not reported.

Sources: Department of Commerce, Bureau of the Census. Table 617, press release No. 48; table 618. Fifteenth Census Reports, Agriculture, Vol. IV.

No. 619.—FARM MORTGAGES—NUMBER OF MORTGAGED FARMS AND TOTAL OF MORTGAGE DEBT, BY STATES: 1930 AND 1935

NOTE.—Data in the following table are partly estimated. A part of the sectional differences in changes in the proportion of farms mortgaged and the trend of mortgage debt from 1930 to 1935 is accounted for by variations among the States in the change in the number, acreage, and value of farms. The number and acreage of farms and the value of land and buildings for 1930 and 1935 are shown for all farms in tables 605 and 607 and for owner farms in tables 611, 612, and 615, respectively

DIVISION AND STATE	NUMBER OF MORTGAGED FARMS					FARM MORTGAGE DEBT (THOUSANDS OF DOLLARS)				
	1930, total	1935		Percent of total farms		1930, total	1935		Managers and tenants	
		Total	Owners <sup>1</sup>	Managers and tenants	1930		1935	Total		Owners <sup>1</sup>
United States.....	2,523,223	2,350,313	1,619,166	731,148	40.1	34.5	9,214,278	7,045,091	4,895,811	2,749,280
New England.....	66,483	68,633	64,874	3,659	45.2	43.4	151,954	181,952	157,138	24,814
Maine.....	13,388	14,203	13,935	268	31.4	33.9	26,595	31,442	28,751	2,691
N. Hampshire.....	5,746	6,822	6,354	468	38.6	38.0	10,632	11,335	9,812	1,523
Vermont.....	13,192	13,250	12,042	1,208	53.0	49.0	32,740	32,288	20,799	5,489
Massachusetts.....	13,873	18,190	17,288	902	54.2	51.8	45,782	53,270	45,867	7,403
Rhode Island.....	1,258	1,425	1,334	91	37.9	32.9	4,009	4,526	3,355	1,171
Connecticut.....	9,026	14,743	14,021	722	52.5	45.8	31,817	49,091	42,554	6,537
Middle Atlantic.....	144,576	144,870	131,421	13,455	40.4	36.4	480,952	490,730	345,438	64,292
New York.....	72,472	74,141	67,277	6,864	45.4	41.9	237,003	212,154	179,854	32,300
New Jersey.....	12,890	12,889	11,893	996	50.8	43.9	55,107	40,888	41,049	8,230
Pennsylvania.....	59,214	57,846	52,251	5,595	34.3	30.2	168,472	147,038	123,935	23,753
E. N. Central.....	493,141	410,356	341,605	74,751	45.3	38.4	1,851,305	1,632,935	1,053,878	478,093
Ohio.....	78,121	77,714	63,302	14,362	35.0	30.5	259,483	225,930	161,897	94,036
Indiana.....	82,542	70,115	60,950	18,159	45.5	39.4	248,759	219,000	144,299	74,797
Illinois.....	87,322	71,700	51,902	19,798	40.7	31.0	613,945	471,183	246,805	224,323
Michigan.....	82,911	82,301	73,304	10,067	49.0	41.9	225,102	179,739	145,246	34,003
Wisconsin.....	107,246	105,400	93,081	12,385	59.0	52.8	504,016	430,082	355,569	81,433
W. N. Central.....	593,061	495,575	397,098	198,477	60.7	42.0	3,501,782	2,878,067	1,692,989	1,013,078
Minnesota.....	93,936	87,763	71,004	16,699	60.6	43.2	492,800	407,888	281,631	126,257
Iowa.....	112,600	96,791	63,718	33,073	52.4	43.6	1,182,030	809,432	472,641	336,701
Missouri.....	114,911	100,423	76,480	23,937	44.9	36.1	354,413	297,893	184,516	83,377
North Dakota.....	49,124	44,937	35,294	9,703	63.0	53.1	226,162	203,567	132,878	70,630
South Dakota.....	46,041	37,436	27,493	9,968	55.4	44.9	279,440	210,515	114,789	95,732
Nebraska.....	67,953	58,286	40,903	17,383	52.5	43.6	545,439	448,294	274,000	174,234
Kansas.....	78,400	60,939	52,225	17,714	47.3	40.1	392,508	328,478	202,474	126,004
South Atlantic.....	298,212	277,609	106,633	110,976	28.2	24.2	454,934	401,046	259,254	142,692
Delaware.....	3,732	2,998	2,322	674	35.4	28.9	10,202	10,462	6,268	4,134
Maryland.....	16,404	13,908	11,217	2,691	37.9	31.2	55,315	46,678	32,443	14,235
Virginia.....	89,039	43,451	32,385	11,066	22.9	22.0	81,799	75,128	58,141	16,987
West Virginia.....	15,182	17,301	14,201	3,100	18.4	16.5	23,532	23,003	10,223	4,580
N. Carolina.....	78,079	70,251	44,394	31,857	27.9	25.3	100,914	86,675	54,208	32,467
S. Carolina.....	50,791	41,829	21,220	20,609	32.2	25.3	57,994	48,630	26,600	21,079
Georgia.....	70,603	65,354	28,318	37,038	31.2	26.1	87,244	76,075	39,487	37,483
Florida.....	15,331	16,519	12,488	4,031	26.0	22.7	37,874	33,805	23,024	10,781
E. S. Central.....	317,858	325,005	160,351	164,654	29.9	28.0	378,579	348,896	208,786	140,290
Kentucky.....	59,064	65,236	44,405	20,831	24.0	23.4	105,007	101,237	72,493	28,804
Tennessee.....	59,866	64,979	38,020	26,953	24.4	23.7	91,881	83,801	54,234	29,627
Alabama.....	89,890	83,011	38,043	44,968	34.9	30.4	87,274	78,594	40,187	38,377
Mississippi.....	108,138	111,770	38,377	73,402	34.9	35.9	94,417	85,804	41,912	43,392
W. S. Central.....	451,492	386,168	190,651	195,515	40.9	34.0	1,044,304	877,637	482,206	415,331
Arkansas.....	93,518	80,734	40,660	40,068	38.0	31.9	97,032	71,155	38,293	32,767
Louisiana.....	155,030	50,447	21,807	28,640	34.1	29.6	70,802	55,225	30,328	24,967
Oklahoma.....	193,863	78,729	41,401	37,328	51.0	36.9	240,436	196,283	97,411	98,872
Texas.....	109,081	176,256	86,777	89,479	40.2	35.2	635,084	554,874	290,109	258,705
Mountain.....	117,860	102,649	84,678	18,073	48.8	37.8	534,056	462,431	278,694	183,737
Montana.....	25,203	21,091	17,741	3,350	53.2	41.7	120,469	99,918	58,201	41,717
Idaho.....	23,523	20,051	17,152	3,499	56.4	45.8	103,063	97,360	62,355	35,011
Wyoming.....	8,083	7,704	6,658	1,051	54.2	44.1	43,787	43,873	26,020	17,853
Colorado.....	30,667	24,979	18,522	6,457	51.1	39.2	137,805	112,504	60,320	52,184
New Mexico.....	7,876	8,216	6,302	1,914	25.1	18.9	30,098	23,092	13,617	10,075
Arizona.....	5,710	5,035	4,309	726	40.3	28.8	34,685	27,045	14,770	12,276
Utah.....	14,618	13,256	12,487	769	53.8	43.2	48,639	43,358	35,954	9,404
Nevada.....	1,520	1,717	1,410	307	44.2	46.5	14,862	14,075	9,457	5,218
Pacific.....	135,450	133,444	111,858	21,588	51.8	44.6	837,152	753,527	467,450	286,071
Washington.....	35,830	36,260	31,715	4,545	50.6	43.0	141,577	136,709	88,738	47,971
Oregon.....	28,404	28,740	24,907	4,833	51.5	45.9	122,123	119,070	81,602	38,008
California.....	71,216	67,444	55,234	12,210	52.5	44.9	873,452	497,148	297,050	200,098

<sup>1</sup> The number of owned farms mortgaged includes farms operated by full owners and part owners. For mortgage debt, the debt on the rented portion of part-owner farms is included with tenants.  
<sup>2</sup> District of Columbia figures included with Maryland.

Source: Dept. of Commerce, Bur. of the Census, press release No. 48; and Dept. of Agriculture, Bur. of Agricultural Economics; annual report, Agricultural Statistics.

No. 620.—MORTGAGED FARMS OPERATED BY FULL OWNERS—NUMBER, ACREAGE, AND VALUE, AND AMOUNT OF MORTGAGE DEBT, BY STATES: 1930 AND 1935

NOTE.—See headnote table 619. Data in the following table include estimates for farms of full owners who did not report their mortgage status or amount of mortgage debt

DIVISION AND STATE	NUMBER OF MORTGAGED FARMS OPERATED BY FULL OWNERS				ACREAGE (THOUSANDS)		VALUE (THOUSANDS OF DOLLARS)		MORTGAGE DEBT (THOUSANDS OF DOLLARS)	
	1930	1935	Percent of total full owner farms		1930	1935	1930	1935	1930	1935
			1930	1935						
United States.....	1,231,668	1,270,107	42.3	39.9	182,081	181,868	10,955,133	7,338,406	4,337,225	3,682,364
New England.....	48,569	59,963	45.3	45.1	5,327	5,628	349,722	339,830	123,709	144,743
Maine.....	12,158	13,017	34.3	36.3	1,530	1,576	71,509	67,962	24,281	26,624
New Hampshire.....	5,019	5,513	38.7	38.2	614	610	24,856	20,894	8,558	8,091
Vermont.....	11,153	11,369	54.0	52.9	1,792	1,769	63,121	49,036	20,988	24,074
Massachusetts.....	11,724	15,865	54.8	52.6	767	870	100,534	97,130	36,080	42,686
Rhode Island.....	970	1,145	38.4	35.4	60	65	8,761	7,839	2,845	2,944
Connecticut.....	7,545	13,054	52.9	47.1	504	738	30,974	107,030	24,557	39,724
Middle Atlantic.....	116,800	118,098	42.0	39.1	11,100	10,502	911,598	633,611	351,418	305,096
New York.....	58,104	58,483	46.8	43.7	6,356	6,000	461,655	326,121	178,731	153,320
New Jersey.....	10,398	10,980	53.1	49.9	623	593	112,920	84,503	41,598	37,876
Pennsylvania.....	48,298	48,635	35.9	33.3	4,121	3,909	337,023	222,988	131,039	114,094
E. N. Central.....	266,157	269,984	46.6	43.8	26,431	25,811	2,328,065	1,511,236	1,000,244	836,004
Ohio.....	40,148	42,286	35.1	34.1	4,049	4,008	326,845	253,840	153,255	133,251
Indiana.....	44,074	50,030	46.2	43.4	3,981	4,067	297,240	215,490	119,430	107,605
Illinois.....	34,836	33,911	41.0	39.0	4,214	3,872	430,542	300,049	213,018	167,026
Michigan.....	57,054	57,505	48.7	43.3	5,201	4,972	352,720	236,552	140,564	118,491
Wisconsin.....	80,145	80,132	60.4	58.3	8,936	8,892	734,652	504,749	307,977	308,971
W. N. Central.....	240,883	237,299	62.6	60.4	45,526	43,555	3,109,129	1,864,419	1,352,695	1,022,000
Minnesota.....	51,024	51,238	53.0	50.6	7,434	7,032	548,155	337,924	245,896	205,677
Iowa.....	40,850	40,297	58.5	55.5	7,209	6,956	697,534	555,065	474,713	359,574
Missouri.....	60,475	57,603	47.3	43.7	7,834	7,070	430,367	234,028	104,832	138,083
North Dakota.....	15,027	15,995	63.1	62.0	5,658	5,692	168,242	127,407	64,275	62,190
South Dakota.....	12,291	12,104	54.9	56.5	3,834	3,501	177,464	93,917	70,162	55,674
Nebraska.....	24,335	24,195	56.2	56.4	7,441	7,038	468,950	291,269	182,761	157,424
Kansas.....	26,981	27,777	47.2	40.0	6,117	6,266	338,419	224,809	120,666	112,378
South Atlantic.....	134,834	144,379	28.9	27.4	14,830	15,086	748,438	526,047	258,419	239,468
Delaware.....	2,372	2,322	40.8	37.7	195	177	15,025	11,072	6,119	5,802
Maryland.....	11,237	10,925	39.6	37.1	1,046	1,032	89,567	63,025	34,785	30,566
Virginia.....	24,780	28,156	23.6	23.2	3,015	3,068	178,677	123,508	56,501	52,550
West Virginia.....	11,395	13,071	18.8	18.9	1,377	1,390	57,446	39,842	17,791	17,164
North Carolina.....	34,417	35,502	20.7	27.7	2,992	3,018	146,659	100,299	51,877	46,244
South Carolina.....	10,354	17,302	35.9	33.7	1,840	1,882	70,876	49,845	28,216	23,220
Georgia.....	24,837	25,074	35.0	33.8	3,479	3,594	99,634	71,969	30,556	35,803
Florida.....	9,592	11,367	27.0	24.8	877	925	90,593	64,887	24,074	22,119
E. S. Central.....	132,026	137,603	33.2	31.2	14,416	14,464	530,581	373,233	191,126	180,445
Kentucky.....	35,210	37,051	26.0	24.9	3,639	3,599	178,916	127,003	64,843	62,524
Tennessee.....	30,109	32,035	27.5	26.1	3,070	3,075	140,457	99,390	50,551	46,303
Alabama.....	32,244	32,453	42.9	39.8	3,620	3,500	102,465	69,702	38,207	33,745
Mississippi.....	34,373	35,464	44.4	41.9	4,088	4,290	103,742	76,138	37,514	37,873
W. S. Central.....	138,316	147,843	41.8	39.7	33,329	33,995	1,047,159	755,407	363,006	337,945
Arkansas.....	20,540	32,342	40.7	37.7	3,076	3,278	111,930	68,323	38,776	31,621
Louisiana.....	16,900	19,814	36.0	36.1	1,803	1,940	78,693	54,863	30,092	25,441
Oklahoma.....	27,253	27,106	50.8	46.1	4,620	4,659	199,232	130,408	67,267	59,671
Texas.....	62,623	68,581	41.0	39.7	23,831	27,112	1,067,296	630,812	228,871	219,612
Mountain.....	62,183	58,972	47.7	39.9	19,996	18,621	598,621	402,984	226,041	182,463
Montana.....	10,362	9,610	51.5	44.7	5,309	4,742	97,793	64,319	39,247	28,509
Idaho.....	14,105	14,048	58.3	54.0	2,472	2,431	134,597	97,903	53,895	45,950
Wyoming.....	4,149	3,351	52.6	47.0	2,623	2,294	41,291	28,249	14,322	11,417
Colorado.....	13,612	12,049	51.7	45.6	4,285	4,232	135,488	87,390	53,305	40,255
New Mexico.....	4,343	4,566	21.8	19.7	2,174	1,939	39,672	24,381	12,848	9,656
Arizona.....	3,632	3,569	40.4	25.9	7	498	580	41,201	27,944	15,610
Utah.....	10,265	9,579	53.9	45.4	1,852	1,643	88,208	57,521	31,743	26,631
Nevada.....	1,112	1,279	45.1	48.3	782	792	22,001	15,287	9,071	8,458
Pacific.....	33,800	33,066	53.1	47.9	11,126	11,146	1,433,879	930,658	467,668	370,201
Washington.....	25,353	27,080	51.0	46.1	2,403	2,320	232,570	156,200	78,373	65,958
Oregon.....	10,067	20,448	52.0	47.9	3,775	3,622	192,226	133,397	66,440	57,246
California.....	49,480	48,632	54.7	48.9	4,888	5,205	1,009,084	641,061	322,755	245,997

1 District of Columbia figures included with Maryland.

Source: Dept. of Commerce, Bur. of the Census, press release No. 48; and reports of Dept. of Agriculture, Bur. of Agricultural Economics.

No. 621.—TAXES ON FARMS OWNED WHOLLY BY OPERATORS, 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)
<b>United States</b> .....	2,911,644	2,565,157	88.1	325,909	18,841,822	281,403	288,940	\$0.78	1.27
<b>New England</b> .....	107,300	98,741	90.2	10,568	630,572	12,204	9,921	.94	1.57
Maine.....	35,408	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	1,270	1,069	.79	2.08
Vermont.....	20,662	19,368	93.7	2,858	104,221	2,067	1,591	.66	1.53
Massachusetts.....	21,410	19,410	90.7	1,394	109,916	3,381	2,839	2.04	1.67
Rhode Island.....	2,523	2,160	85.6	273	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
<b>Middle Atlantic</b> .....	278,193	249,157	89.6	22,642	1,718,955	28,173	26,434	1.17	1.54
New York.....	124,206	114,172	91.9	11,861	814,102	12,103	11,486	.97	1.41
New Jersey.....	19,464	16,564	84.6	976	172,176	3,141	2,745	2.81	1.59
Pennsylvania.....	134,423	118,431	88.1	9,806	727,617	12,929	12,203	1.24	1.68
<b>East North Central</b> .....	670,660	521,402	91.4	49,988	4,016,886	76,484	65,193	1.30	1.62
Ohio.....	130,832	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.....	76,969	70,964	90.5	8,511	885,680	11,407	9,756	1.16	1.10
Michigan.....	118,028	107,248	90.2	9,467	649,949	14,009	13,455	1.42	2.07
Wisconsin.....	132,778	125,591	94.6	18,902	1,120,815	19,170	16,226	1.17	1.45
<b>West North Central</b> .....	457,770	418,891	91.5	72,480	4,895,181	62,806	53,600	.74	1.09
Minnesota.....	97,878	91,588	93.6	12,423	927,764	13,242	11,707	.94	1.26
Iowa.....	85,272	75,189	88.2	10,007	1,343,765	15,455	13,724	1.37	1.02
Missouri.....	127,680	119,496	93.4	14,040	794,407	8,628	7,123	.48	.90
North Dakota.....	23,807	21,326	89.6	7,940	237,600	4,280	3,683	.46	1.55
South Dakota.....	22,372	18,330	81.9	5,438	262,893	4,014	3,354	.62	1.28
Nebraska.....	43,301	40,134	92.7	10,996	723,595	7,515	6,118	.66	.85
Kansas.....	57,151	52,828	92.4	10,730	605,187	9,872	7,886	.73	1.30
<b>South Atlantic</b> .....	467,100	410,389	87.9	39,849	1,834,544	24,787	19,839	.50	1.08
Delaware.....	5,816	5,019	86.3	381	31,952	269	238	.63	.75
Maryland.....	28,835	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.....	104,556	97,440	92.8	9,994	519,918	4,694	3,546	.35	.68
West Virginia.....	60,681	55,553	91.7	5,873	227,978	3,859	2,965	.60	1.30
North Carolina.....	115,785	103,664	89.5	8,477	376,428	6,366	5,109	.60	1.36
South Carolina.....	45,515	40,835	89.7	3,940	144,925	2,248	1,810	.46	1.25
Georgia.....	70,696	59,153	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
<b>East South Central</b> .....	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	85.2	8,623	348,756	4,479	4,207	.49	1.21
Alabama.....	75,144	65,964	87.8	6,965	183,057	2,120	1,731	.26	.95
Mississippi.....	77,382	67,913	87.8	7,553	185,658	5,225	4,175	.55	2.25
<b>West South Central</b> .....	325,959	275,222	84.4	49,097	1,636,814	19,777	15,774	.32	.96
Arkansas.....	72,637	64,475	88.8	6,528	185,149	2,334	1,673	.64	.91
Louisiana.....	45,838	37,347	79.6	3,235	134,180	2,268	1,859	.57	1.39
Oklahoma.....	53,647	42,787	79.8	6,030	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
<b>Mountain</b> .....	130,287	99,466	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	1,633	.21	1.19
Idaho.....	24,194	20,233	83.6	3,387	174,516	3,140	2,586	.76	1.48
Wyoming.....	7,896	6,151	77.9	3,793	54,867	848	567	.15	1.03
Colorado.....	26,929	21,938	81.5	6,208	185,735	3,285	2,664	.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	1.81
Utah.....	19,046	16,461	86.4	2,673	128,313	2,245	1,729	.65	1.35
Nevada.....	2,404	1,884	78.5	1,100	31,584	624	359	.38	1.14
<b>Pacific</b> .....	178,751	151,584	85.8	17,154	2,118,924	25,827	22,688	1.32	1.07
Washington.....	49,702	43,907	88.3	3,790	361,592	4,967	4,361	1.15	1.21
Oregon.....	35,674	32,199	87.8	5,467	290,720	3,961	3,390	.62	1.17
California.....	93,375	75,478	83.5	7,897	1,466,612	16,899	14,928	1.80	1.02

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Agriculture, Vol. IV.

No. 622.—FARM POPULATION, HOUSING, AND LABOR, BY STATES: 1935

NOTE.—Farm population includes all persons living on farms without regard to their occupations. For farm population by States, Jan. 1920 and Apr. 15, 1930, as reported at the decennial census of population, see table 12, p. 9. See also footnote 3, table 603, p. 634

DIVISION AND STATE	FARM POPULATION, JAN. 1, 1935 <sup>1</sup>				FARM DWELLINGS, JAN. 1, 1935				PERSONS WORKING ON FARMS FIRST WEEK OF JAN. 1935		
	Total number	White	Colored	Persons not living on a farm 5 years earlier <sup>2</sup>	Occupied dwellings		Unoccupied dwellings		Farms with no dwellings reported	Family labor	Hired help
					Farms reporting	Number	Farms reporting	Number			
U. S. ....	81,800,807	27,058,851	4,742,056	1,995,253	6,422,088	7,360,212	401,454	484,187	322,859	10,762,019	1,645,602
New Eng.	711,486	708,781	2,705	81,808	149,058	187,810	10,363	13,217	4,900	192,869	63,440
Maine.....	184,697	184,601	96	17,148	40,092	43,642	2,533	2,967	1,001	52,476	11,440
N. H.....	76,007	75,979	28	11,200	17,147	18,955	1,115	1,401	294	22,157	6,067
Vt.....	122,655	122,600	55	12,275	25,741	28,493	2,110	2,466	622	34,335	10,822
Mass.....	103,219	101,518	1,701	20,350	33,092	37,660	1,707	2,433	1,473	49,136	19,247
R. I.....	21,751	21,578	173	2,638	4,078	4,893	293	401	180	5,256	2,536
Conn.....	143,157	142,645	512	18,185	29,508	34,167	2,005	3,549	1,330	35,509	13,328
Mid. Atl.	1,903,933	1,860,918	43,015	195,881	383,214	442,833	23,615	28,990	9,297	532,832	139,065
N. Y.....	784,483	779,922	4,561	81,514	168,269	195,297	14,267	17,938	5,425	232,231	67,761
N. J.....	144,368	139,439	4,929	18,009	28,818	34,423	1,423	1,904	392	42,073	17,182
Pa.....	976,082	970,567	5,515	95,758	186,127	213,140	7,925	9,148	3,480	258,528	54,132
E. N. C.	4,768,073	4,747,667	20,406	414,804	1,049,597	1,165,060	50,542	55,114	26,792	1,624,019	324,444
Ohio.....	1,127,405	1,119,847	7,558	105,297	244,451	278,357	12,041	12,965	8,088	338,399	49,537
Ind.....	852,994	850,899	2,095	74,518	193,461	218,209	8,780	9,466	5,794	287,455	34,070
Ill.....	1,017,660	1,011,883	5,777	61,019	225,093	252,096	9,290	10,016	4,896	317,949	49,294
Mich.....	840,514	837,494	3,020	110,413	188,827	208,450	12,624	13,932	4,750	270,555	39,192
Wis.....	930,615	927,544	3,071	63,557	194,765	207,965	7,807	8,735	3,264	309,667	52,351
W. N. C.	5,108,220	5,051,439	56,781	279,008	1,125,639	1,213,147	64,149	69,644	42,778	1,722,039	198,158
Minn.....	928,487	920,487	7,999	40,670	193,021	208,321	6,797	8,117	5,130	317,401	38,846
Iowa.....	967,970	967,201	769	51,165	214,484	232,088	6,992	7,377	6,314	319,780	48,732
Mo.....	1,183,490	1,164,644	18,846	81,959	267,170	297,778	14,913	16,615	8,824	393,202	40,542
N. Dak.	385,614	379,467	6,147	11,502	77,193	80,845	5,963	6,871	5,746	128,602	13,495
S. Dak.	358,204	345,748	12,456	12,950	78,359	82,010	4,853	5,198	3,267	119,256	8,209
Neb.....	530,694	528,323	2,371	23,209	128,814	138,554	6,460	6,796	3,630	195,290	20,300
Kans.....	793,743	788,859	4,884	48,395	162,992	175,551	8,181	8,870	9,865	248,499	26,034
S. Atl.	6,303,593	6,299,377	4,216	1,904,215	284,773	1,072,088	1,304,436	78,119	84,872	66,442	2,033,708
Del.....	48,558	41,461	7,097	3,304	10,134	12,124	402	446	177	13,174	3,057
Md.....	241,596	199,735	41,861	11,570	42,908	54,060	2,850	3,349	1,194	60,848	22,973
D. of C.	532	466	66	82	122	82	3	3	7	105	257
Va.....	1,053,469	784,460	269,009	40,553	186,892	223,290	13,876	16,121	9,063	280,790	52,310
W. Va.	561,919	557,604	4,315	4,255	100,409	117,643	4,836	5,305	3,437	150,963	15,032
N. C.	1,623,481	1,622,495	986	50,227	280,716	325,377	17,820	20,259	18,296	678,579	59,321
S. C.	948,435	438,404	510,031	32,510	154,720	191,440	11,378	14,517	9,680	333,099	53,140
Ga.....	1,406,944	890,613	525,331	57,582	238,501	304,425	22,754	29,583	12,452	510,388	91,458
Fla.....	319,658	234,070	85,578	22,287	59,729	75,946	4,194	5,289	12,136	99,760	10,627
E. S. C.	5,335,291	3,912,241	1,423,050	214,087	1,058,376	1,195,528	60,162	60,073	73,628	2,051,214	160,026
Ky.....	1,807,810	1,264,593	543,217	61,320	257,545	290,843	13,130	14,598	18,623	414,222	36,916
Tenn.....	1,303,420	1,138,593	164,827	59,400	250,192	291,197	14,931	16,066	21,573	421,474	36,495
Ala.....	1,380,074	895,308	490,766	63,665	253,227	299,688	12,020	15,145	14,144	588,692	48,072
Miss.....	1,332,981	613,807	719,174	29,076	292,112	313,800	10,081	13,669	18,288	606,826	35,542
W. S. C.	5,387,844	4,208,015	1,179,829	266,909	1,082,690	1,241,573	69,754	87,108	67,452	1,966,661	259,426
Ark.....	1,180,238	859,171	321,067	51,763	240,139	275,358	11,164	13,969	11,749	455,387	39,074
La.....	859,351	488,211	371,140	31,186	162,978	192,477	6,709	9,765	6,674	331,359	56,416
Okla.....	1,015,562	916,026	99,536	71,186	220,951	229,200	10,014	11,140	11,112	340,675	31,444
Tex.....	2,332,093	1,944,707	387,986	112,774	458,622	544,529	41,807	52,234	37,917	849,340	131,592
Mountain.	1,188,018	1,118,816	69,403	114,166	248,926	292,709	36,882	48,096	14,320	374,426	84,141
Mont.....	195,252	187,995	7,257	15,074	46,150	51,808	8,511	11,172	2,564	88,304	13,623
Idaho.....	198,983	195,614	3,369	17,060	41,919	48,413	4,501	5,425	1,978	60,763	8,012
Wyo.....	74,897	72,852	2,045	8,840	16,484	19,908	5,504	5,438	452	23,881	7,801
Colo.....	276,198	273,007	3,191	29,920	59,065	69,394	10,325	13,216	2,081	92,431	15,228
N. Mex.	189,358	171,403	17,955	24,745	38,050	44,679	3,918	5,052	2,618	58,683	11,864
Ariz.....	100,038	68,001	31,837	10,982	17,081	25,032	3,048	4,221	970	26,843	2,164
Utah.....	138,242	135,488	2,754	9,198	26,203	29,170	2,456	2,728	3,437	39,808	5,183
Nev.....	15,355	13,002	2,353	1,647	3,366	4,246	619	844	220	4,813	2,066
Pacific.	1,183,445	1,121,798	61,647	164,037	274,900	337,090	27,868	37,038	18,183	365,244	160,728
Wash.....	335,840	326,804	9,036	47,818	81,105	92,972	7,189	8,915	2,032	109,510	17,568
Oreg.....	248,797	244,734	4,063	45,141	61,137	67,673	6,809	9,062	2,032	88,102	15,287
Calif.....	603,838	550,260	53,578	71,078	132,658	173,445	13,870	19,076	14,119	172,232	127,873

<sup>1</sup> Farms reporting population are identical with farms reporting occupied dwellings. For total numbers of farms by States, see table 609.

<sup>2</sup> Does not include children under 5 years of age.

No. 623.—PART-TIME WORK OFF FARMS—OPERATORS REPORTING, BY NUMBER OF DAYS WORKED, 1929 AND 1934, AND BY OCCUPATION AND COLOR AND TENURE OF OPERATOR, 1934

["White" includes Mexicans and Hindus. "Colored" includes Negroes, Indians, Chinese, Japanese, and all other nonwhites]

YEAR, COLOR, AND TENURE	FARM OPERATORS REPORTING DAYS WORKED OFF FARM FOR PAY OR INCOME					Farm operators reporting "None"	DAYS WORKED OFF FARM		FARM OPERATORS REPORTING, CLASSIFIED BY PRINCIPAL OCCUPATION OFF FARM		
	Total		1 to 49 days	50 to 99 days	100 days and over		Number	Average number per operator reporting	Agricultural	Nonagricultural	Unclassified or not reporting
	Number	Percent of all farms									
<b>1929</b>											
All farm operators.....	1,902,898	30.3	844,170	335,459	723,269		189,868,388	100			
<b>1934</b>											
All farm operators.....	2,077,474	30.5	956,100	360,602	760,772	4,554,650	202,228,247	97	278,622	1,483,719	315,133
<b>Owners.....</b>	1,184,690	30.4	466,573	197,044	521,073	2,617,336	135,808,841	115	110,391	910,566	163,731
Full owners.....	956,324	29.8	336,959	156,835	463,130	2,170,077	119,211,765	125	81,032	737,524	137,768
Part owners.....	228,366	33.2	130,214	40,209	57,943	447,319	16,397,076	73	29,359	173,044	25,963
<b>Managers.....</b>	5,634	11.7	1,327	786	3,521	36,377	929,211	165	1,426	3,384	824
<b>All tenants.....</b>	887,160	31.0	489,200	182,772	286,178	1,900,877	65,490,195	74	166,905	569,767	150,578
Croppers <sup>1</sup> .....	184,018	25.7	110,089	35,272	38,657	510,315	11,223,809	61	64,881	77,317	41,820
Other tenants.....	703,132	32.7	378,111	127,500	197,521	1,390,562	54,266,386	77	101,924	492,450	108,758
<b>White farm operators.....</b>	1,864,485	31.3	835,463	319,908	709,114	3,939,118	198,003,481	101	218,545	1,393,608	252,332
<b>Owners.....</b>	1,117,400	30.3	438,153	181,415	497,832	2,480,237	129,845,376	116	100,583	874,412	142,405
Full owners.....	902,767	29.7	315,183	144,158	443,426	2,056,179	114,291,128	127	73,815	708,789	120,163
Part owners.....	214,633	33.0	122,970	37,257	54,406	424,058	15,654,248	73	26,768	165,623	22,242
Managers.....	5,515	11.8	1,309	766	3,440	35,408	908,262	165	1,354	3,332	799
<b>All tenants.....</b>	741,570	33.4	396,001	137,737	207,842	1,423,473	57,149,843	77	116,578	515,864	109,128
Croppers <sup>1</sup> .....	103,732	29.8	57,697	22,217	23,818	233,151	6,783,792	65	28,788	55,581	19,363
Other tenants.....	637,838	34.0	338,304	115,510	184,024	1,190,322	50,366,051	79	87,790	460,283	89,765
<b>Colored farm operators.....</b>	212,988	24.9	120,637	40,694	61,658	615,833	14,224,786	67	60,077	90,111	62,801
<b>Owners.....</b>	67,290	31.8	28,420	15,639	23,241	137,159	5,663,485	87	9,808	36,156	21,326
Full owners.....	53,557	30.9	21,176	12,677	19,704	113,898	4,920,637	92	7,217	28,735	17,605
Part owners.....	13,733	36.1	7,244	2,952	3,537	23,261	942,828	69	2,591	7,421	3,721
<b>Managers.....</b>	119	10.0	18	20	81	960	20,949	176	42	52	25
<b>All tenants.....</b>	145,580	29.6	92,199	25,045	28,336	477,404	8,340,352	57	50,227	53,903	41,450
Croppers <sup>1</sup> .....	30,286	21.8	52,392	13,055	14,839	277,164	4,440,017	55	36,093	21,736	22,457
Other tenants.....	65,294	23.8	39,807	11,990	13,497	200,240	3,900,335	60	14,134	32,167	18,993

<sup>1</sup> For Southern States only.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

NO. 624.—PART-TIME WORK OFF FARMS—OPERATORS REPORTING, BY NUMBER OF DAYS WORKED, BY STATES: 1929 AND 1934

DIVISION AND STATE	TOTAL NUMBER		NUMBER REPORTING DAYS WORKED OFF FARM FOR PAY OR INCOME							
	1930 (Apr. 1)	1935 (Jan. 1)	Total		1 to 49 days		50 to 99 days		100 days and over	
			1929	1934	1929	1934	1929	1934	1929	1934
United States.....	6,288,648	6,812,350	1,902,898	2,077,474	844,170	956,100	336,459	860,602	723,269	760,772
New England.....	124,925	156,241	55,877	65,482	15,568	15,828	8,118	10,327	32,196	39,809
Maine.....	39,006	41,907	19,253	19,002	5,804	6,392	3,024	3,704	10,365	9,506
New Hampshire.....	14,906	17,095	7,071	8,070	1,874	2,507	1,072	1,062	4,125	4,801
Vermont.....	24,898	27,061	12,204	11,220	4,241	3,843	1,700	1,676	6,263	5,707
Massachusetts.....	25,598	35,094	9,852	12,088	1,972	1,699	1,291	1,845	6,589	8,644
Rhode Island.....	3,322	4,327	987	1,508	166	198	102	177	719	1,133
Connecticut.....	17,195	32,157	6,420	12,068	1,446	1,287	839	1,263	4,135	6,518
Middle Atlantic.....	367,603	397,684	124,644	127,418	44,066	42,183	17,866	21,054	62,692	64,176
New York.....	159,806	177,025	49,036	40,950	17,318	13,775	6,962	7,855	24,750	28,320
New Jersey.....	25,378	29,375	5,891	6,018	1,484	1,488	826	1,049	3,581	3,481
Pennsylvania.....	172,419	191,284	99,717	71,445	25,234	26,920	10,068	12,150	34,355	32,375
East North Central.....	866,502	1,083,687	276,406	310,932	122,789	132,287	39,839	50,663	113,797	127,782
Ohio.....	219,296	255,146	63,643	75,888	24,197	24,217	8,665	12,452	30,741	38,719
Indiana.....	181,570	200,835	56,089	61,734	22,032	22,441	8,512	10,185	25,585	29,108
Illinois.....	214,497	231,312	51,581	54,041	27,089	26,069	7,218	8,975	17,274	18,007
Michigan.....	169,372	166,517	60,311	56,782	26,258	20,408	8,018	10,810	25,135	25,569
Wisconsin.....	111,767	199,877	44,781	62,987	23,193	39,157	6,526	8,441	15,062	15,586
West North Central.....	1,126,756	1,179,866	262,477	372,258	149,881	223,347	36,729	60,375	75,867	93,550
Minnesota.....	186,255	203,302	42,315	64,700	24,257	45,015	5,988	7,028	11,070	11,860
Iowa.....	214,928	221,936	38,480	40,707	21,910	21,908	4,650	6,868	12,870	12,731
Missouri.....	255,940	278,454	74,083	81,812	33,914	43,698	13,028	12,872	27,141	25,242
North Dakota.....	77,975	84,606	18,004	30,514	13,845	28,153	1,619	4,300	2,540	4,047
South Dakota.....	83,167	83,303	15,715	50,106	10,492	26,322	2,144	16,093	3,200	7,701
Nebraska.....	129,458	133,616	22,859	36,392	15,030	26,445	2,504	3,910	5,235	6,037
Kansas.....	106,042	174,589	51,071	62,018	30,433	36,801	6,836	9,306	13,802	15,912
South Atlantic.....	1,058,468	1,147,183	338,110	545,704	126,576	117,643	63,451	67,897	147,083	180,174
Delaware.....	9,707	10,381	2,911	2,159	989	563	566	412	1,356	1,184
Maryland.....	43,203	44,412	14,380	12,071	4,327	2,722	2,208	2,006	7,854	7,348
District of Columbia.....	104	89	20	20	3	1	1	1	2	17
Virginia.....	170,610	197,632	69,471	72,485	19,937	22,080	12,325	12,398	37,209	38,007
West Virginia.....	32,641	104,747	39,503	48,519	11,007	15,116	6,757	10,845	21,730	22,558
North Carolina.....	279,708	300,967	78,371	74,247	33,168	23,691	10,488	15,714	28,715	34,942
South Carolina.....	157,631	165,504	49,484	55,965	21,224	25,863	10,560	10,326	17,709	10,770
Georgia.....	255,598	250,544	63,146	53,381	31,022	21,361	11,383	10,073	20,741	21,947
Florida.....	58,966	72,857	18,815	20,857	3,899	6,346	3,163	6,111	11,763	14,400
East South Central.....	1,092,214	1,137,219	347,628	291,719	164,286	141,984	70,754	62,184	112,688	97,601
Kentucky.....	246,496	278,298	88,488	81,796	33,330	35,395	18,611	14,533	36,547	28,870
Tennessee.....	245,657	273,733	92,494	74,204	39,225	30,350	19,305	14,119	33,844	29,735
Alabama.....	257,395	273,455	74,493	68,348	38,014	32,041	15,009	13,309	20,570	22,998
Mississippi.....	312,663	311,683	92,213	67,369	52,817	41,198	17,769	10,173	21,627	15,998
West South Central.....	1,103,134	1,137,571	322,311	337,999	164,146	168,042	65,626	62,551	89,639	87,408
Arkansas.....	242,334	263,013	77,266	70,222	39,962	40,499	17,475	12,986	19,320	16,737
Louisiana.....	101,445	170,216	43,097	36,612	23,536	17,876	12,226	7,095	12,335	11,641
Oklahoma.....	203,806	213,325	61,605	94,934	33,228	70,849	10,887	9,527	17,490	14,558
Texas.....	495,489	501,017	135,343	136,231	67,420	68,818	27,935	22,943	39,985	44,470
Mountain.....	241,314	271,392	80,080	118,999	30,449	52,761	14,874	25,469	34,707	38,769
Montana.....	47,495	50,594	14,202	18,059	7,023	8,295	2,466	3,779	4,713	5,985
Idaho.....	41,674	45,113	15,348	17,765	6,716	8,217	2,804	3,651	5,828	5,897
Wyoming.....	16,011	17,487	4,858	7,238	1,850	3,007	947	1,062	2,616	2,616
Colorado.....	99,956	63,644	17,238	25,090	6,902	12,896	2,900	5,213	7,346	6,897
New Mexico.....	31,404	41,369	9,895	20,607	2,476	9,024	2,179	4,809	5,240	6,774
Arizona.....	14,173	18,824	4,465	9,423	919	2,371	746	2,095	2,800	4,357
Utah.....	27,169	30,695	13,037	17,330	4,232	8,305	2,528	3,400	6,277	5,675
Nevada.....	3,442	3,696	987	1,431	331	556	214	307	442	568
Pacific.....	281,733	299,587	97,416	108,988	27,434	27,027	15,282	19,942	54,700	62,019
Washington.....	70,904	34,381	29,760	35,050	8,840	11,077	4,582	7,133	16,328	17,740
Oregon.....	55,153	94,826	25,155	26,712	8,688	8,367	4,179	5,361	12,288	12,934
California.....	135,676	150,390	42,511	46,326	9,906	7,583	6,521	7,448	26,084	31,295

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.



[Amounts in thou

DIVISION AND STATE	FEED			FERTILIZER					
	Farms reporting	Per cent of all farms	Amount expended	Farms reporting	Per cent of all farms	Amount expended	Commercial fertilizer		
							Farms reporting	Per cent of all farms	Tons bought
United States.....	3,283,400	52.2	919,190	3,324,090	37.0	271,059	2,239,546	35.6	7,535,022
New England.....	104,873	33.8	97,416	68,537	54.9	15,413	68,318	54.7	345,303
Maine.....	30,493	78.2	11,498	23,953	61.4	7,288	23,865	61.2	170,950
New Hampshire.....	12,716	85.3	7,623	6,960	46.7	440	6,947	46.6	11,500
Vermont.....	21,900	88.0	11,547	11,945	48.0	681	11,928	47.9	17,443
Massachusetts.....	21,034	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	7,900
Connecticut.....	15,038	87.5	13,030	9,500	55.2	3,653	9,474	55.1	68,800
Middle Atlantic.....	293,504	82.1	154,687	224,819	62.9	30,202	206,325	57.7	798,493
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	6,683	16,913	66.6	162,361
Pennsylvania.....	140,617	81.6	56,468	117,371	68.1	12,113	107,988	62.6	348,113
East North Central.....	642,422	66.5	146,860	350,789	36.3	29,284	318,694	38.0	773,057
Ohio.....	140,122	63.9	32,604	131,372	59.9	11,028	129,486	59.0	330,444
Indiana.....	113,734	62.6	26,135	83,006	45.7	7,054	81,679	45.0	208,144
Illinois.....	143,337	66.8	35,973	30,039	14.3	3,694	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	75.0	31,087	33,644	18.5	2,134	25,736	14.2	42,686
West North Central.....	878,828	61.0	214,876	67,978	6.1	4,472	56,419	6.1	108,332
Minnesota.....	113,627	61.3	19,679	9,402	5.1	714	8,668	4.8	15,803
Iowa.....	145,500	67.7	53,703	15,767	7.3	1,171	10,015	4.7	21,477
Missouri.....	167,613	65.5	47,253	35,702	14.0	2,031	32,564	12.7	57,432
North Dakota.....	28,296	36.3	4,204	572	.7	52	342	.4	958
South Dakota.....	40,527	48.7	12,436	319	.4	21	103	.1	133
Nebraska.....	79,355	61.3	42,286	685	.5	54	428	.3	732
Kansas.....	108,708	62.5	35,115	5,471	3.3	429	3,990	2.4	10,097
South Atlantic.....	427,520	40.4	63,893	813,149	78.8	119,239	808,199	76.4	3,707,305
Delaware.....	7,417	76.4	3,085	7,550	77.8	1,301	7,525	77.5	42,736
Maryland.....	32,070	74.2	10,613	33,697	78.0	5,525	33,076	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	5,694	30,320	36.7	1,101	30,208	36.6	45,056
North Carolina.....	121,859	43.6	11,116	234,426	83.8	34,687	233,467	83.5	1,107,763
South Carolina.....	40,134	25.4	3,573	139,234	88.2	22,080	138,976	88.0	708,470
Georgia.....	77,050	30.1	8,358	217,456	85.1	27,633	216,633	84.8	860,602
Florida.....	22,467	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	1,185,327
Kentucky.....	105,436	42.8	12,506	74,112	30.1	2,599	73,822	29.9	32,323
Tennessee.....	104,476	42.5	10,810	96,794	39.4	4,110	96,613	39.3	138,000
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.....	454,397	41.2	75,221	221,100	20.0	15,719	219,773	19.9	431,855
Arkansas.....	110,676	46.7	12,407	73,686	30.4	4,007	73,314	30.3	127,293
Louisiana.....	59,055	36.6	7,872	66,541	41.2	5,229	66,333	41.1	143,657
Oklahoma.....	93,234	45.7	17,138	4,440	2.2	252	4,171	2.0	7,895
Texas.....	191,402	38.6	37,804	76,433	15.4	5,631	75,955	15.3	153,010
Mountain.....	117,397	48.6	46,824	5,817	2.4	630	3,824	1.6	10,272
Montana.....	20,692	43.6	6,872	303	.6	30	157	.3	248
Idaho.....	22,051	52.9	7,040	1,094	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	.4	264
Nevada.....	2,157	62.7	1,721	41	1.2	6	35	1.0	93
Pacific.....	174,004	66.5	108,582	41,628	15.9	16,006	28,819	11.0	178,638
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

† Including automobiles, trucks, tractors, etc.

‡ Paid to a power company.

SPECIFIED PURPOSES, BY STATES: 1929

sands of dollars]

FARM LABOR, EXCLUSIVE OF HOUSE- WORK (CASH)				FARM IMPLEMENTS AND MACHINERY <sup>1</sup>			ELECTRIC LIGHT AND POWER <sup>2</sup>			DIVISION AND STATE
Farms report- ing	Per cent of all farms	Amount ex- pended	Days of hired labor (thous- ands)	Farms report- ing pur- chases	Per cent of all farms	Amount ex- pended	Farms report- ing pur- chases	Per cent of all farms	Amount ex- pended	
2,631,601	41.8	956,420	410,985	1,750,588	27.8	692,548	671,007	9.1	46,484	U. S.
78,836	59.1	49,839	16,367	40,420	32.4	17,608	45,522	36.4	2,986	New Eng.
22,795	58.4	9,043	3,001	12,140	31.1	5,384	10,938	28.0	498	Me.
8,849	59.4	3,980	1,410	4,209	28.2	1,700	5,014	33.6	307	N. H.
15,364	61.7	5,495	2,431	8,413	33.8	3,084	6,403	25.7	331	Vt.
15,247	59.6	17,288	5,138	8,775	34.3	4,135	13,821	54.0	1,051	Mass.
1,885	56.7	2,277	721	1,139	34.3	581	1,671	50.3	153	R. I.
9,696	56.4	11,756	3,566	5,744	33.4	2,724	7,075	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	65,323	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	60,684	330,482	34.2	124,124	129,047	18.4	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	10,786	8,268	45,752	25.2	16,580	18,569	10.2	908	Ind.
112,916	52.6	40,446	18,210	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.
100,626	55.0	29,482	14,806	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	248,396	72,093	6.5	4,569	W. N. C.
105,057	50.7	27,527	13,204	87,672	47.3	35,115	12,413	6.7	855	Minn.
122,669	57.1	39,681	17,009	108,286	50.4	51,567	25,149	11.7	1,627	Iowa.
96,649	37.8	19,851	10,663	59,551	23.3	17,401	12,480	4.9	602	Mo.
57,838	74.2	24,595	8,705	41,261	52.9	26,745	11,721	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	30,080	7,485	5.8	559	Nebr.
96,123	57.9	27,021	10,006	77,282	40.5	55,113	10,305	6.2	594	Kans.
367,186	34.7	91,880	57,268	222,033	21.0	37,512	37,416	3.5	3,241	S. Atl.
5,285	54.4	2,518	1,090	3,423	35.3	1,354	1,027	10.6	89	Del.
25,454	58.9	12,866	5,966	13,407	31.0	5,128	6,226	14.4	446	Md.
70	67.3	317	95	22	21.2	10	54	51.9	3	D. C.
62,451	36.6	18,774	10,338	31,478	18.5	8,474	7,730	4.5	470	Va.
28,933	35.0	5,012	2,581	11,737	14.2	2,880	2,844	3.4	154	W. Va.
88,837	31.8	11,674	7,858	48,125	17.2	5,705	8,774	3.1	403	N. C.
49,180	31.1	9,003	6,656	35,082	22.2	3,589	3,039	1.9	145	S. C.
78,998	30.9	13,092	12,202	67,806	26.5	5,868	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	163,161	14.9	24,724	18,776	1.8	1,031	E. S. C.
70,788	28.7	11,489	6,901	26,550	10.8	6,155	5,863	2.4	323	Ky.
71,184	20.0	8,661	6,278	36,009	14.7	6,575	6,720	2.7	337	Tenn.
60,365	23.5	7,073	5,746	40,208	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	.8	174	Miss.
394,848	35.8	110,614	68,398	215,330	19.5	74,715	18,534	1.7	1,680	W. S. C.
66,036	27.2	9,627	6,043	39,983	16.5	5,955	2,680	1.1	309	Ark.
35,919	22.2	13,081	8,883	23,704	14.7	4,361	1,949	1.2	241	La.
90,006	44.4	22,245	10,025	63,682	26.3	24,462	9,942	1.9	268	Okla.
202,287	40.8	65,661	33,447	97,956	10.8	39,937	9,954	2.0	862	Tex.
132,285	54.8	55,897	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	12,708	4,088	17,336	41.6	9,098	10,731	25.7	671	Idaho.
8,431	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	9.9	423	Colo.
12,483	39.7	0,556	3,254	6,990	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	8,059	1,974	8,804	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	177,673	51,294	76,846	29.4	53,567	122,926	47.0	19,081	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	13,267	6,185	17,107	31.0	9,907	14,991	27.2	796	Oreg.
90,492	66.7	130,158	36,655	38,512	23.4	30,818	78,865	58.1	16,439	Calif.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Agriculture, Vol. IV.

DIVISION AND STATE	TELEPHONES		WATER PIPED INTO DWELLING		WATER PIPED INTO BATH-ROOM		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.....	2,180,194	34.0	894,202	15.8	531,248	8.4	841,310	13.4	4,184,675	3,650,003	58.0
New England.....	70,284	81.1	79,815	63.9	32,684	26.2	53,655	42.9	89,287	75,568	80.5
Maine.....	22,180	56.9	19,121	49.0	4,918	12.6	12,920	33.1	26,227	23,015	50.0
New Hampshire.....	9,313	62.5	10,905	73.8	3,857	25.9	6,160	41.3	11,079	9,288	62.3
Vermont.....	15,093	60.6	18,013	72.3	6,185	24.8	7,505	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.....	11,306	66.1	10,716	62.3	5,758	33.5	9,063	52.7	13,154	10,646	61.9
Middle Atlantic.....	161,879	45.8	135,699	37.9	63,706	17.8	114,098	31.9	316,509	254,084	71.1
New York.....	78,185	48.9	59,276	37.1	20,555	18.5	55,019	34.4	141,916	115,010	72.0
New Jersey.....	10,373	40.9	12,359	48.7	8,102	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	121,202	70.3
East North Central.....	500,462	58.0	211,272	21.9	92,489	9.8	202,656	21.0	876,667	770,108	79.7
Ohio.....	121,214	55.3	64,104	29.2	24,320	11.1	56,740	25.9	201,552	172,078	78.5
Indiana.....	110,333	60.8	35,451	10.5	14,380	7.9	30,335	10.7	154,556	141,374	77.9
Illinois.....	147,672	68.8	42,361	19.8	23,583	11.0	34,231	16.0	192,873	170,690	79.5
Michigan.....	73,757	43.5	40,872	24.1	15,673	9.3	34,785	20.5	150,922	133,565	78.9
Wisconsin.....	107,486	60.1	28,454	15.7	14,533	8.0	46,505	25.6	176,764	152,485	83.9
West North Central.....	724,545	65.1	180,402	16.2	94,108	8.5	148,969	13.2	1,076,578	920,814	82.8
Minnesota.....	114,693	61.9	23,124	12.5	11,183	6.0	23,342	12.6	185,717	159,372	86.0
Iowa.....	180,876	84.2	51,635	24.0	31,435	14.6	46,042	21.4	240,512	193,810	90.2
Missouri.....	137,712	53.8	21,308	8.3	10,881	4.3	20,223	7.9	176,466	104,087	64.1
North Dakota.....	31,878	40.9	5,844	7.5	2,537	3.3	6,192	7.9	78,798	67,490	86.6
South Dakota.....	44,008	53.6	12,089	14.5	4,057	5.6	9,070	10.9	81,923	71,905	86.5
Nebraska.....	93,888	72.5	38,357	29.6	17,817	13.8	21,380	16.5	141,144	118,800	91.8
Kansas.....	120,890	72.8	28,045	16.9	15,508	9.4	20,720	12.5	171,018	145,224	87.6
South Atlantic.....	117,484	11.1	66,763	6.3	41,354	3.9	64,173	6.1	481,693	445,454	42.1
Delaware.....	2,420	24.9	1,500	15.5	1,033	10.6	1,561	16.1	8,724	7,498	77.2
Maryland.....	11,936	27.6	10,364	24.0	6,173	14.3	9,145	21.2	37,972	30,510	70.6
Dist. of Col.....	69	66.3	48	46.2	43	41.3	67	64.4	60	45	43.3
Virginia.....	30,418	17.8	15,291	9.0	10,032	5.9	13,009	7.6	88,463	80,206	47.1
West Virginia.....	28,117	34.0	9,660	11.7	3,848	4.7	5,330	6.4	36,978	33,434	40.6
North Carolina.....	19,852	7.1	9,303	3.3	5,351	1.9	15,006	5.4	132,876	125,106	44.8
South Carolina.....	6,357	4.0	5,176	3.3	3,757	2.4	6,067	3.8	61,754	50,629	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	7,569	12.8	6,158	10.4	6,489	11.0	26,387	24,161	41.0
East South Central.....	142,204	13.4	27,171	2.6	17,316	1.6	31,952	3.0	335,003	320,640	30.2
Kentucky.....	61,631	25.0	8,378	3.4	5,128	2.1	10,691	4.3	86,784	82,034	33.3
Tennessee.....	45,205	18.4	8,018	3.3	4,903	2.0	10,010	4.1	89,022	84,037	34.2
Alabama.....	19,510	7.6	5,182	2.0	3,194	1.2	6,459	2.5	73,634	71,167	27.6
Mississippi.....	15,858	5.1	5,593	1.8	4,091	1.3	4,792	1.5	85,563	83,372	26.7
West South Central.....	181,647	16.5	88,376	8.0	50,281	4.6	40,240	3.6	536,641	503,548	45.6
Arkansas.....	25,046	10.3	3,660	1.5	2,392	1.0	5,121	2.1	65,035	63,800	20.3
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	280,768	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	38,106	34,477	72.6
Idaho.....	15,733	37.8	9,970	23.9	5,227	12.5	12,809	30.7	33,906	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	6,133	10.3	9,303	15.7	62,258	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.....	2,072	18.9	4,083	28.8	2,772	19.0	3,671	25.9	9,916	8,211	67.9
Utah.....	7,410	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	1,130	33.1	2,021	2,307	60.6
Pacific.....	106,492	40.7	156,380	59.7	112,947	43.2	138,384	52.9	240,277	198,488	75.1
Washington.....	31,764	44.8	34,476	48.6	20,726	29.2	34,056	48.0	55,995	50,700	71.6
Oregon.....	20,575	44.2	24,265	44.0	15,217	27.6	18,397	33.4	47,440	41,511	76.3
California.....	48,171	35.5	97,639	72.0	77,004	60.8	85,941	63.3	136,842	104,206	76.8

Sources: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Agriculture Vol. IV.

FACILITIES, BY STATES: 1930

MOTOR TRUCKS			TRACTORS			ELECTRIC MOTORS FOR FARM WORK			INTERNAL-COMBUSTION 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	
900,386	845,385	13.4	820,021	851,457	18.5	389,101	256,663	4.1	1,131,108	945,000	15.0	U. S.
37,972	33,328	26.7	14,109	18,111	10.5	23,709	14,792	11.8	34,451	27,828	22.3	N. E.
10,781	9,879	25.3	3,416	3,214	8.2	5,575	3,447	8.8	8,342	7,005	18.0	Maine
4,539	4,051	27.2	1,090	1,013	6.8	2,416	1,561	10.6	3,725	3,020	20.3	N. H.
5,035	4,625	18.6	2,426	2,342	9.4	3,645	2,358	9.5	10,062	8,437	33.9	Vt.
9,872	7,982	31.2	3,921	3,563	10.9	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.
6,944	5,265	21.5	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	43,882	32,311	9.0	131,099	103,864	29.0	M. A.
55,974	54,084	33.8	40,369	37,790	23.6	24,342	16,012	10.0	64,723	50,094	31.3	N. Y.
14,753	12,504	49.3	8,088	7,241	28.5	5,870	4,102	16.2	9,036	6,963	27.4	N. J.
47,002	43,168	26.0	33,513	31,688	18.4	18,461	12,197	7.1	57,340	46,807	27.1	Pa.
198,172	189,400	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	36,093	16.6	52,974	50,695	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	39,880	35,192	19.4	Ind.
40,371	38,877	18.1	69,628	66,172	30.8	15,557	10,452	4.9	79,800	66,640	31.1	Ill.
36,768	34,894	20.6	34,870	33,098	19.6	14,892	10,285	6.1	55,356	46,574	27.5	Mich.
51,780	50,108	27.6	50,173	48,630	20.8	33,795	22,812	12.6	108,134	88,364	48.6	Wis.
180,857	174,784	15.7	318,160	295,160	26.5	78,006	49,972	4.5	422,474	356,995	32.1	W. N. C.
36,557	35,593	19.2	48,457	46,171	24.9	19,926	11,721	6.3	112,370	93,382	50.4	Minn.
32,069	31,874	14.8	69,258	63,100	20.4	27,801	17,277	8.0	114,977	94,772	44.1	Iowa.
20,132	19,215	7.5	24,099	23,073	9.2	4,949	3,580	1.4	31,718	27,477	10.7	Mo.
10,990	10,502	21.2	37,605	34,148	43.8	4,876	3,203	4.1	44,165	35,226	46.2	N. D.
14,816	14,485	17.4	35,837	30,972	37.2	4,086	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	11,299	1.1	12,800	36,595	3.5	S. A.
2,066	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	15.0	3,069	2,657	5.9	6,930	7,892	18.1	Md.
81	87	54.8	17	15	14.4	8	7	0.7	10	8	7.7	D. C.
10,450	17,994	10.5	9,757	9,142	5.4	3,632	2,427	1.4	10,298	8,699	5.3	Va.
7,432	6,956	8.4	2,792	2,702	3.2	1,269	884	1.1	4,314	3,705	4.5	W. Va.
18,558	17,613	0.3	11,426	11,034	3.9	2,320	1,633	.6	4,951	4,547	1.6	N. C.
6,066	6,576	4.2	3,462	3,229	2.0	945	757	.5	2,677	2,358	1.6	S. C.
16,967	15,036	5.9	5,370	5,349	2.1	1,246	968	.4	5,000	4,130	1.6	Ga.
12,203	10,822	18.4	5,244	4,382	7.4	2,481	1,502	2.7	4,502	3,603	6.1	Fla.
45,568	43,234	4.1	24,398	22,584	2.1	4,691	3,509	.3	14,692	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	3.6	6,865	6,556	2.7	1,603	1,216	.5	4,805	4,382	1.8	Tenn.
12,838	12,109	4.7	4,664	4,259	1.7	972	878	.3	2,485	2,154	.8	Ala.
16,503	15,762	5.0	5,542	4,818	1.5	632	494	.2	2,186	1,927	.6	Miss.
96,791	92,900	8.4	74,010	63,177	5.7	9,862	7,305	.7	35,706	30,671	2.8	W. S. C.
11,000	10,526	4.3	5,684	4,263	1.8	1,460	1,056	.4	4,730	3,911	1.6	Ark.
9,281	8,769	5.4	5,016	3,810	2.4	633	510	.3	2,639	2,072	1.3	La.
23,930	23,089	11.3	25,962	23,328	11.4	2,418	1,688	.8	6,863	8,400	4.2	Okla.
52,580	49,066	10.1	37,348	31,776	6.4	5,351	4,051	.8	18,074	16,189	3.3	Tex.
55,742	52,898	21.8	48,007	43,171	17.9	17,551	11,751	4.9	46,132	38,671	14.0	Mt.
14,615	13,783	29.0	19,031	17,093	36.0	13,709	11,088	2.3	13,639	11,588	24.4	Mont.
6,281	5,986	14.4	4,601	4,377	10.5	6,713	4,406	10.6	10,024	8,252	19.8	Idaho.
4,108	3,820	23.9	4,110	3,749	23.4	481	315	2.0	3,424	2,929	18.3	Wyo.
16,918	16,052	26.8	13,334	12,029	20.1	3,299	2,289	3.8	11,470	9,970	16.6	Colo.
5,328	5,024	16.2	2,497	2,227	7.1	580	393	1.3	2,018	1,567	5.0	N. M.
3,062	2,719	19.2	2,568	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	900	504	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	88,735	55,214	21.1	Pac.
18,836	17,622	24.9	8,388	7,890	11.1	15,788	10,751	15.2	18,762	15,373	21.7	Wash.
9,741	9,110	16.5	9,838	9,157	16.6	9,010	6,043	11.0	17,189	13,633	24.7	Oreg.
40,971	35,674	26.3	44,437	37,510	27.6	66,260	43,676	32.2	32,784	26,208	19.3	Calif.

No. 627.—FARM WAGE RATES AND INDEX NUMBERS, FOR THE UNITED STATES, 1909 TO 1939, AND BY GEOGRAPHIC DIVISIONS, 1938, 1939, AND 1940

NOTE.—Estimates from 1909 to 1922 based on annual reports from crop correspondents regarding average wage rates in their locality as of Apr. 1; thereafter, based on weighted averages of quarterly reports as of the first day of January, April, July, and October

YEAR	FARM WAGE RATES (AVERAGE)				Index numbers of farm wage rates (1910-14=100)	YEAR	FARM WAGE RATES (AVERAGE)				Index numbers of farm wage rates (1910-14=100)
	Per month—		Per day—				Per month—		Per day—		
	With board	Without board	With board	Without board			With board	Without board	With board	Without board	
1909	\$22.21	\$28.10	\$1.09	\$1.30	96	1925	\$38.77	\$49.90	\$1.97	\$2.29	176
1910	21.22	28.08	1.12	1.39	97	1926	39.87	60.83	1.98	2.31	179
1911	21.49	28.54	1.13	1.39	98	1927	40.11	60.85	1.98	2.28	179
1912	22.23	29.34	1.18	1.43	101	1928	40.11	60.72	1.98	2.27	179
1913	22.89	30.21	1.20	1.46	103	1929	40.61	61.22	1.98	2.25	180
1914	22.62	29.74	1.17	1.43	101	1930	37.59	48.10	1.76	2.08	167
1915	22.97	30.06	1.18	1.44	103	1931	28.77	38.38	1.32	1.62	130
1916	25.17	32.84	1.31	1.58	113	1932	20.85	28.88	.94	1.20	96
1917	31.11	40.62	1.65	1.98	141	1933	18.07	25.67	.85	1.11	85
1918	37.96	48.80	2.15	2.54	177	1934	20.24	28.19	.98	1.26	95
1919	43.29	58.63	2.54	3.03	207	1935	22.42	30.24	1.07	1.33	103
1920	51.73	65.40	2.98	3.46	242	1936	24.53	32.28	1.15	1.42	111
1921	33.62	44.67	1.77	2.12	155	1937	28.00	36.32	1.33	1.61	126
1922	32.75	43.33	1.73	2.07	161	1938	27.72	35.63	1.31	1.58	124
1923	37.24	48.25	1.89	2.25	169	1939	27.47	35.85	1.30	1.56	124
1924	37.92	49.32	1.94	2.29	173						

BASIS OF RATE AND DIVISION	1935				1939				1940	
	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	\$25.18	\$27.60	\$28.95	\$28.25	\$24.86	\$27.08	\$28.18	\$28.28	\$25.33	\$27.45
New England	31.22	31.88	33.40	31.83	31.08	31.92	32.96	33.52	31.75	32.53
Middle Atlantic	27.63	29.18	30.05	29.42	27.05	28.45	29.23	29.37	27.46	29.05
E. N. Central	20.70	29.11	29.91	29.74	25.40	28.60	29.57	29.75	25.80	28.73
W. N. Central	21.85	28.35	29.47	28.83	21.98	28.21	29.05	28.89	22.32	27.98
South Atlantic	16.63	16.50	17.06	16.41	16.54	16.10	16.89	16.86	16.76	16.92
E. S. Central	15.70	15.78	15.98	15.08	15.54	15.97	16.47	16.08	15.93	16.14
W. S. Central	18.80	18.70	19.39	19.19	18.08	18.54	19.19	18.98	18.35	18.70
Mountain	32.30	34.95	37.37	36.84	30.96	35.03	37.24	36.59	33.67	35.04
Pacific	43.00	44.39	44.19	41.83	41.35	40.89	43.18	44.79	40.30	41.67
Per month without board—										
United States	34.70	33.82	37.28	36.09	34.92	35.42	36.26	36.18	35.27	36.41
New England	53.55	55.66	57.23	55.13	54.71	56.23	57.24	58.52	56.31	58.48
Middle Atlantic	44.68	46.01	46.50	45.83	44.15	45.39	45.66	45.62	43.56	46.22
E. N. Central	39.10	41.03	41.91	41.68	37.95	40.91	41.71	42.07	37.94	41.27
W. N. Central	32.87	33.93	39.82	39.20	33.33	38.41	39.19	39.36	33.33	38.59
South Atlantic	25.06	24.43	25.11	24.40	24.93	24.32	25.17	24.80	25.08	25.46
E. S. Central	22.43	22.73	23.05	22.66	22.47	22.95	23.67	22.81	22.99	23.39
W. S. Central	27.57	27.29	28.37	27.86	26.83	26.94	27.68	27.46	27.01	27.37
Mountain	47.52	51.00	53.53	52.29	48.22	51.00	53.94	52.54	48.55	51.30
Pacific	67.00	66.68	65.96	62.05	62.49	62.00	63.64	67.04	65.78	64.91
Per day with board—										
United States	1.22	1.25	1.36	1.36	1.20	1.23	1.36	1.35	1.22	1.26
New England	1.71	1.73	1.84	1.84	1.72	1.73	1.79	1.84	1.73	1.73
Middle Atlantic	1.72	1.69	1.79	1.78	1.61	1.64	1.74	1.76	1.61	1.68
E. N. Central	1.54	1.53	1.66	1.65	1.43	1.50	1.66	1.67	1.48	1.52
W. N. Central	1.24	1.39	1.56	1.59	1.25	1.38	1.57	1.58	1.24	1.39
South Atlantic	.89	.86	.89	.87	.86	.84	.90	.88	.88	.88
E. S. Central	.79	.78	.80	.77	.77	.78	.81	.77	.79	.80
W. S. Central	.95	.93	.99	.97	.92	.92	1.00	1.00	.93	.92
Mountain	1.55	1.68	1.74	1.81	1.52	1.61	1.75	1.72	1.59	1.63
Pacific	2.01	1.95	2.10	2.02	1.92	1.96	2.00	2.02	1.92	1.96
Per day without board—										
United States	1.55	1.55	1.83	1.59	1.58	1.53	1.59	1.57	1.55	1.55
New England	2.54	2.55	2.62	2.58	2.56	2.72	2.71	2.70	2.55	2.58
Middle Atlantic	2.32	2.32	2.37	2.39	2.20	2.26	2.33	2.35	2.21	2.29
E. N. Central	2.04	2.02	2.16	2.16	1.94	2.03	2.15	2.17	1.97	2.02
W. N. Central	1.77	1.92	2.09	2.12	1.74	1.87	2.06	2.11	1.77	1.87
South Atlantic	1.19	1.15	1.19	1.16	1.18	1.14	1.20	1.19	1.20	1.18
E. S. Central	1.02	1.00	1.03	1.03	1.03	1.02	1.04	1.03	1.03	1.04
W. S. Central	1.25	1.22	1.28	1.24	1.19	1.18	1.26	1.24	1.19	1.18
Mountain	2.09	2.19	2.31	2.33	2.09	2.22	2.34	2.27	2.14	2.18
Pacific	2.86	2.81	2.78	2.71	2.62	2.66	2.70	2.29	2.70	2.68

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Figures are published quarterly in Crops and Markets.

No. 628.—FERTILIZER CONSUMPTION, BY STATES: 1932 TO 1939

NOTE.—Figures are based on tag sales, records of State officials, or estimates. Rock phosphate sales in Illinois are not included. In addition to tonnage for consumption, shown in the table below, fertilizers and fertilizer materials produced in continental United States and exported to island possessions are as follows: To Hawaii, 1937, 57,200 tons; 1938, 35,250 tons; 1939, 40,600 tons. To Puerto Rico, 1937, 128,900 tons; 1938, 90,250 tons; 1939, 100,200 tons

[In tons of 2,000 pounds]

DIVISION AND STATE	1932	1933	1934	1935	1936	1937	1938	1939 (prel.)
United States.....	4,394,818	4,908,004	5,583,431	6,274,364	6,901,650	8,195,508	7,488,800	7,589,349
New England.....	298,034	269,498	276,922	280,510	290,299	335,975	314,216	293,658
Maine.....	155,000	135,000	138,000	125,000	130,000	140,000	140,000	132,500
New Hampshire.....	11,000	12,000	14,000	16,000	16,500	18,000	16,500	14,500
Vermont.....	11,767	9,520	13,087	15,295	16,421	25,260	20,007	12,064
Massachusetts.....	61,953	54,970	57,644	63,208	64,481	74,274	60,175	63,974
Rhode Island.....	6,500	8,000	9,000	10,000	10,000	11,000	12,200	11,000
Connecticut.....	51,814	47,008	45,251	51,007	52,897	67,441	50,274	59,000
Middle Atlantic.....	614,516	609,492	676,047	729,466	794,071	904,114	863,018	835,162
New York.....	235,000	250,000	270,000	285,000	315,000	350,000	332,881	318,992
New Jersey.....	137,651	127,615	138,060	149,408	160,741	183,952	171,722	176,170
Pennsylvania.....	241,865	231,977	267,987	295,048	318,330	370,162	358,415	340,000
East North Central.....	395,072	427,961	525,431	660,105	771,868	812,540	780,462	775,112
Ohio.....	169,239	208,869	263,773	306,509	337,146	382,205	324,228	345,585
Indiana.....	100,581	105,289	140,526	190,067	245,537	226,887	220,967	201,420
Illinois.....	16,339	17,392	18,987	23,827	31,808	36,076	36,132	40,673
Michigan.....	82,400	80,000	82,476	111,288	125,093	144,500	132,702	144,811
Wisconsin.....	26,513	16,311	19,609	28,414	32,184	42,872	46,433	42,623
West North Central.....	48,893	46,914	72,423	83,072	121,710	118,724	116,918	111,962
Minnesota.....	9,320	7,267	9,165	10,776	9,899	12,386	13,778	13,455
Iowa.....	10,000	5,000	5,000	5,000	6,403	8,523	11,146	13,018
Missouri.....	26,427	32,422	52,269	69,398	93,588	82,498	70,301	67,733
North Dakota.....	400	200	300	300	350	400	650	1,000
South Dakota.....	100	100	100	100	100	150	150	300
Nebraska.....	200	200	100	200	200	500	1,794	2,090
Kansas.....	2,546	1,735	5,499	7,293	11,170	15,267	18,099	14,366
South Atlantic.....	2,364,428	2,749,847	2,989,114	3,286,689	3,509,056	4,184,302	3,762,617	3,818,549
Delaware.....	33,120	28,477	35,700	37,800	39,000	44,466	36,281	35,500
Maryland.....	124,880	132,876	148,439	164,843	164,817	186,285	166,408	165,342
District of Columbia.....	800	900	1,000	1,200	1,300	1,600	1,700	1,800
Virginia.....	279,904	307,589	336,015	378,536	386,474	440,430	405,179	418,089
West Virginia.....	35,000	40,000	48,500	55,000	55,000	58,000	53,500	56,500
North Carolina.....	696,167	889,310	876,874	1,000,071	1,038,920	1,238,564	1,104,788	1,215,887
South Carolina.....	446,027	581,515	572,270	613,561	626,446	771,198	660,963	678,859
Georgia.....	367,352	416,283	549,275	617,439	684,522	806,300	768,323	689,790
Florida.....	381,178	362,897	423,032	418,239	512,577	579,399	555,475	556,782
East South Central.....	408,102	528,640	675,495	806,381	913,424	1,212,983	1,092,945	1,131,224
Kentucky.....	55,220	58,272	62,520	73,502	89,392	117,078	109,968	120,009
Tennessee.....	62,956	78,827	92,468	96,444	117,305	141,325	128,291	130,354
Alabama.....	206,400	287,350	358,450	422,400	467,700	629,260	528,850	562,100
Mississippi.....	84,526	104,191	162,067	214,015	239,027	325,320	325,836	318,761
West South Central.....	103,854	119,210	178,869	200,583	237,641	322,238	308,623	337,458
Arkansas.....	17,348	22,140	41,620	39,630	48,931	68,675	67,800	74,122
Louisiana.....	49,376	61,514	76,326	92,532	117,106	167,318	148,542	160,488
Oklahoma.....	2,925	1,985	4,990	6,619	6,055	6,845	8,005	7,622
Texas.....	34,185	33,571	55,923	61,802	65,549	80,400	84,276	95,226
Mountain.....	9,141	8,702	9,871	14,787	18,737	27,835	31,148	30,221
Montana.....	500	1,000	1,500	3,000	3,770	4,000	5,000	5,000
Idaho.....	1,500	2,500	2,500	3,000	3,000	4,417	9,015	6,500
Wyoming.....	860	700	860	1,308	1,300	1,400	1,500	2,100
Colorado.....	1,700	1,000	800	1,200	1,500	1,800	4,393	4,578
New Mexico.....	541	952	1,221	1,636	2,067	3,218	2,240	2,243
Arizona.....	2,000	1,500	2,000	3,393	4,000	10,500	6,500	7,000
Utah.....	2,000	1,000	500	750	2,000	2,000	2,000	2,300
Nevada.....	50	50	500	500	500	500	500	500
Pacific.....	162,698	152,840	179,209	212,801	244,844	275,795	249,853	258,023
Washington.....	15,400	15,800	18,700	21,100	23,300	28,000	27,000	23,750
Oregon.....	10,000	11,000	12,000	13,000	14,300	15,000	14,500	12,750
California.....	127,298	126,040	148,509	178,701	207,244	232,795	208,353	219,523

<sup>1</sup> Not including 45,008 tons of concentrated superphosphate in 1937, 65,000 tons in 1938, and 156,948 tons in 1939, distributed by Agricultural Adjustment Administration.

Source: The National Fertilizer Association, Washington, D. C. Figures published in Fertilizer Review.

No. 629.—FARMERS' COOPERATIVE MARKETING AND PURCHASING, BY STATES:  
1924 AND 1929

NOTE.—For total number of all farms (base for percentages) see table 605

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	658,284	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	8,809
Maine.....	2,555	755	1.9	1,806	1,674	4.3	3,823	3,822	626	1,113
New Hampshire.....	428	461	3.1	1,701	1,647	11.0	3,375	676	911	1,113
Vermont.....	2,745	4,304	17.3	3,180	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	2,082	12.0	1,513	1,905	11.1	7,955	7,417	1,102	2,531
Middle Atlantic.....	39,295	41,068	11.5	24,716	30,856	8.6	50,274	72,167	7,977	16,871
New York.....	26,586	28,015	17.5	13,509	19,933	12.5	37,045	52,623	3,928	11,408
New Jersey.....	1,401	1,760	6.9	1,606	1,899	7.5	2,309	5,272	2,957	1,785
Pennsylvania.....	11,308	11,303	6.6	10,601	9,024	5.2	10,020	14,272	1,092	3,678
East North Central.....	205,409	170,992	17.7	103,199	115,868	11.9	145,069	150,849	15,688	24,449
Ohio.....	39,995	31,067	14.2	24,711	26,736	12.2	27,991	26,103	3,590	6,168
Indiana.....	28,560	20,461	11.3	14,558	18,742	10.3	17,213	16,687	1,774	3,404
Illinois.....	62,606	41,857	10.5	17,471	16,861	7.9	62,828	48,934	2,970	3,826
Michigan.....	38,730	31,331	18.5	25,124	28,721	17.0	10,552	16,831	3,607	5,797
Wisconsin.....	45,628	46,276	25.5	21,335	24,308	13.4	27,484	42,544	8,788	5,194
West North Central.....	303,190	290,199	28.1	140,588	159,988	14.4	292,354	310,334	25,740	33,572
Minnesota.....	79,891	95,639	61.6	26,066	30,561	21.4	73,261	105,066	3,844	6,414
Iowa.....	72,630	58,470	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	4,687	6,506
North Dakota.....	12,913	20,382	28.1	5,527	11,085	14.2	17,032	20,831	1,563	1,622
South Dakota.....	17,769	18,141	21.8	8,855	11,176	13.4	16,051	16,400	1,451	2,079
Nebraska.....	28,139	23,307	18.1	15,461	15,098	11.7	32,741	26,649	3,715	4,442
Kansas.....	30,979	26,228	15.8	17,322	17,008	10.8	36,805	36,396	4,199	5,047
South Atlantic.....	90,879	28,662	2.7	20,830	15,868	1.5	73,377	41,802	4,968	6,611
Delaware.....	193	64	.7	415	186	1.0	122	86	138	139
Maryland.....	6,121	4,533	10.5	3,817	3,383	7.8	7,268	6,025	910	1,178
Virginia.....	27,560	4,394	2.6	5,768	3,047	2.3	20,012	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	2,007	450	483
South Carolina.....	10,601	2,469	1.6	810	655	.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	1,267	1,829
East South Central.....	91,073	19,670	1.9	21,293	15,948	1.5	49,897	13,003	2,691	2,526
Kentucky.....	63,704	4,793	1.9	3,308	1,260	.5	27,515	2,736	604	270
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	7,082	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	75,794	48,177	2,703	3,882
Arkansas.....	8,861	4,651	1.9	3,010	2,510	1.0	7,119	3,154	460	358
Louisiana.....	10,114	7,467	4.6	4,393	6,029	4.3	8,864	7,076	782	1,306
Oklahoma.....	19,040	21,715	10.7	4,878	5,273	2.6	20,854	23,489	667	960
Texas.....	29,691	8,459	1.7	4,539	3,700	.7	39,147	14,459	794	1,208
Mountain.....	24,561	28,347	11.7	8,000	12,298	5.1	35,044	36,703	1,710	3,573
Montana.....	2,899	5,674	11.7	708	3,034	6.4	3,081	6,730	135	822
Idaho.....	3,272	7,031	16.9	1,040	2,174	5.2	2,712	7,711	144	447
Wyoming.....	1,231	2,145	13.4	512	581	3.6	1,009	2,400	226	218
Colorado.....	10,828	6,783	11.3	3,279	3,339	5.6	21,090	8,400	853	804
New Mexico.....	2,014	1,443	4.6	809	569	1.8	3,254	2,531	139	171
Arizona.....	523	639	4.5	222	182	1.3	1,514	2,953	65	96
Utah.....	3,775	4,193	15.4	974	2,284	8.4	2,368	4,264	116	980
Nevada.....	39	590	15.7	12	185	3.9	16	1,048	2	36
Pacific.....	51,220	61,495	23.5	15,612	31,272	11.9	87,161	197,778	9,385	24,763
Washington.....	13,205	16,737	23.6	6,500	11,885	16.8	20,564	33,338	3,470	9,006
Oregon.....	5,590	8,638	15.7	2,853	4,502	3.2	8,062	11,307	1,160	1,445
California.....	32,425	36,120	26.6	6,264	14,885	11.0	87,245	153,073	4,765	14,312

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Agriculture, Vol. IV.

No. 630.—FARMERS' BUSINESS ASSOCIATIONS, BY NUMBER, MEMBERSHIP, AND VALUE OF BUSINESS DONE, BY STATES AND BY COMMODITY GROUPS

NOTE.—Business in thousands of dollars. Estimates are based on reports received from association officers. Membership comprises members, contract members, and shareholders, but does not include patrons not in these categories. 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, and storing wheat, etc. There were 10,752 associations for 1936-37 with an estimated membership of 3,270,000, and an estimated business amounting to \$2,190,000,000; figures not available by States

DIVISION AND STATE	ASSOCIATIONS LISTED			ESTIMATED MEMBERSHIP			ESTIMATED BUSINESS		
	1935-36	1937-38	1938-39	1935-36	1937-38	1938-39	1935-36	1937-38	1938-39
United States.....	10, 509	10, 900	10, 700	3, 860, 000	3, 400, 000	3, 300, 000	1, 840, 000	2, 400, 000	2, 100, 000
New England.....	180	172	166	118, 280	133, 870	138, 160	72, 580	93, 290	82, 550
Maine.....	41	38	36	8, 120	7, 310	6, 710	3, 400	3, 980	3, 610
New Hampshire.....	12	12	13	4, 010	3, 780	3, 930	2, 290	3, 920	3, 920
Vermont.....	32	37	35	9, 600	9, 280	7, 480	10, 800	17, 040	9, 670
Massachusetts.....	38	45	43	85, 540	104, 780	111, 800	45, 130	50, 320	54, 300
Rhode Island.....	2	3	3	1, 400	1, 550	1, 600	1, 550	1, 840	1, 640
Connecticut.....	55	37	36	9, 310	7, 220	6, 640	9, 160	10, 190	9, 410
Middle Atlantic.....	481	506	536	204, 660	275, 190	247, 600	192, 640	212, 890	208, 900
New York.....	272	291	316	128, 540	199, 660	172, 300	142, 280	152, 420	144, 880
New Jersey.....	52	51	54	21, 710	20, 280	18, 050	12, 220	13, 490	13, 490
Pennsylvania.....	157	104	105	54, 410	55, 260	56, 250	38, 140	46, 980	47, 850
East North Central.....	2, 870	2, 666	2, 593	1, 080, 620	924, 530	890, 740	462, 220	678, 230	574, 680
Ohio.....	322	344	331	205, 840	167, 160	169, 500	84, 560	117, 140	101, 720
Indiana.....	254	216	213	195, 190	146, 330	131, 340	57, 450	78, 940	69, 500
Illinois.....	706	652	633	334, 640	320, 000	320, 820	162, 100	270, 910	222, 900
Michigan.....	302	309	300	128, 000	103, 230	99, 260	63, 970	82, 660	79, 460
Wisconsin.....	1, 086	1, 145	1, 116	217, 050	187, 760	179, 820	94, 150	120, 580	101, 100
West North Central.....	4, 599	4, 549	4, 413	1, 287, 190	1, 017, 410	1, 012, 770	499, 610	613, 060	536, 730
Minnesota.....	1, 401	1, 432	1, 412	380, 600	270, 300	305, 600	149, 050	204, 300	178, 570
Iowa.....	954	864	834	289, 130	202, 730	191, 490	117, 640	134, 220	120, 310
Missouri.....	435	397	391	191, 600	169, 270	144, 600	80, 530	92, 130	78, 630
North Dakota.....	542	503	528	95, 330	77, 080	74, 870	20, 400	35, 060	32, 310
South Dakota.....	320	336	322	79, 040	70, 540	74, 720	24, 730	24, 650	27, 130
Nebraska.....	532	518	506	160, 320	151, 600	149, 880	60, 900	60, 430	51, 690
Kansas.....	415	439	420	90, 370	76, 890	71, 310	37, 300	62, 290	48, 190
South Atlantic.....	395	466	452	162, 180	160, 240	161, 020	75, 890	103, 470	93, 970
Delaware.....	1	1	1	10	10	10	10	10	10
Maryland.....	38	45	41	21, 660	26, 100	18, 110	14, 470	22, 510	20, 960
Dist. of Columbia.....	2	1	1	1, 150	20	20	5, 300	20	20
Virginia.....	91	110	113	40, 100	38, 060	46, 740	15, 550	23, 860	21, 740
West Virginia.....	36	39	36	13, 680	7, 370	9, 250	1, 450	2, 120	2, 220
North Carolina.....	60	81	75	32, 540	27, 100	24, 420	7, 410	11, 310	8, 240
South Carolina.....	12	19	20	13, 430	9, 890	10, 410	4, 610	5, 650	2, 910
Georgia.....	49	58	56	32, 620	44, 680	45, 300	9, 450	8, 220	6, 600
Florida.....	106	112	110	7, 000	7, 010	6, 780	17, 750	30, 280	31, 200
East South Central.....	250	282	282	240, 370	287, 260	215, 700	63, 220	70, 790	47, 040
Kentucky.....	36	37	37	36, 970	60, 050	58, 590	7, 800	15, 490	12, 680
Tennessee.....	70	61	61	98, 290	98, 190	74, 010	20, 100	16, 840	11, 810
Alabama.....	87	102	94	33, 710	39, 720	38, 820	7, 060	6, 640	6, 850
Mississippi.....	57	32	30	71, 400	69, 300	44, 280	28, 260	31, 820	15, 700
West South Central.....	638	730	763	228, 740	256, 740	266, 900	108, 810	144, 080	125, 010
Arkansas.....	52	56	42	6, 000	5, 320	4, 500	2, 320	4, 970	4, 400
Louisiana.....	35	48	47	39, 330	44, 420	43, 740	21, 060	23, 970	23, 070
Oklahoma.....	224	231	224	74, 100	76, 580	72, 800	33, 670	45, 810	36, 260
Texas.....	325	395	450	107, 310	130, 420	145, 860	50, 360	69, 330	61, 280
Mountain.....	460	580	569	142, 500	184, 800	166, 860	88, 180	102, 760	93, 970
Montana.....	161	199	192	28, 980	26, 880	26, 440	17, 740	9, 390	14, 850
Idaho.....	74	127	130	34, 950	57, 140	57, 740	19, 760	25, 330	24, 330
Wyoming.....	33	35	36	7, 350	7, 310	7, 450	2, 800	3, 100	4, 000
Colorado.....	116	117	112	41, 510	43, 500	45, 260	25, 080	33, 770	25, 880
New Mexico.....	20	20	17	2, 650	3, 430	2, 920	1, 960	5, 040	1, 520
Arizona.....	13	17	16	1, 240	1, 510	1, 740	1, 240	1, 000	2, 390
Utah.....	35	57	58	25, 240	24, 510	24, 000	19, 180	24, 020	20, 440
Nevada.....	8	8	8	580	520	710	400	510	470
Pacific.....	899	949	927	197, 460	199, 960	200, 250	278, 970	363, 430	339, 850
Washington.....	214	248	240	77, 900	75, 880	75, 190	57, 930	77, 840	67, 620
Oregon.....	197	179	171	39, 730	41, 400	38, 580	24, 010	43, 800	39, 300
California.....	448	522	516	79, 830	82, 080	86, 480	190, 430	261, 790	232, 870
Commodity groups:									
Cotton and products.....	311	415	478	300, 000	350, 000	315, 000	110, 000	110, 000	173, 000
Dairy products.....	2, 270	2, 421	2, 373	720, 000	700, 000	650, 000	520, 000	686, 000	610, 000
Fruits and vegetables.....	1, 063	1, 164	1, 116	166, 000	164, 000	168, 000	212, 000	300, 000	275, 000
Grain <sup>1</sup> .....	3, 010	2, 619	2, 540	610, 000	360, 000	367, 000	360, 000	475, 000	383, 000
Livestock.....	1, 040	926	862	600, 000	600, 000	600, 000	250, 000	312, 000	280, 000
Poultry products.....	154	194	189	93, 000	106, 000	109, 000	69, 000	91, 000	78, 000
Tobacco.....	14	11	10	60, 000	70, 000	66, 000	11, 500	13, 000	11, 000
Wool and mohair.....	114	130	135	51, 400	60, 000	60, 000	11, 000	11, 300	13, 000
All others.....	2, 524	3, 020	3, 008	1, 059, 600	1, 000, 000	974, 000	296, 500	401, 700	379, 000

<sup>1</sup> Includes some Government loan cotton.

<sup>2</sup> Includes dry beans and rice.

Source: Farm Credit Administration, annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.



## 26. FARM PRODUCTION AND RELATED STATISTICS

[Figures in this section relate to continental United States except foreign trade statistics, which represent the trade of the "Customs Area." (See headnote, table 545)]

### No. 631.—FARM INCOME—ESTIMATED CASH AND GROSS INCOME, BY MAJOR GROUPS OF COMMODITIES, AND GOVERNMENT PAYMENTS: 1936 TO 1939

NOTE.—In thousands of dollars. Based on monthly estimates of farm marketings published regularly by the Bureau of Agricultural Economics. Revised series; replaces estimates previously published

SOURCE OF INCOME	1936		1937	
	Cash income <sup>1</sup>	Gross income <sup>2</sup>	Cash income <sup>1</sup>	Gross income <sup>2</sup>
Income from all crops.....	3, 575, 112	4, 021, 424	3, 877, 787	4, 355, 272
Grains.....	875, 319	916, 929	1, 014, 449	1, 056, 805
Cotton and cottonseed.....	904, 879	904, 879	883, 776	883, 776
Fruits and nuts.....	434, 246	476, 700	519, 223	578, 128
Vegetables.....	653, 806	893, 804	645, 184	897, 106
Tobacco.....	243, 169	243, 109	320, 518	320, 518
Other.....	463, 673	585, 793	494, 637	618, 939
Income from all livestock.....	4, 638, 929	5, 606, 116	4, 866, 338	5, 847, 261
Meat animals.....	2, 232, 843	2, 503, 237	2, 320, 917	2, 593, 544
Dairy products.....	1, 459, 182	1, 870, 168	1, 531, 510	1, 960, 922
Poultry <sup>3</sup> and eggs (chicken).....	783, 834	1, 006, 945	817, 612	1, 100, 623
Other.....	161, 070	165, 776	187, 299	192, 172
Total income from farm marketings.....	8, 212, 041	9, 627, 540	8, 744, 125	10, 202, 533
Government payments <sup>4</sup> .....	287, 252	287, 252	366, 899	366, 899
Grand total.....	8, 499, 293	9, 914, 792	9, 111, 024	10, 569, 432

SOURCE OF INCOME	1938 (prel.)		1939 (prel.)	
	Cash income <sup>1</sup>	Gross income <sup>2</sup>	Cash income <sup>1</sup>	Gross income <sup>2</sup>
Income from all crops.....	3, 128, 224	3, 541, 325	3, 237, 996	3, 662, 265
Grains.....	809, 648	840, 646	877, 525	906, 694
Cotton and cottonseed.....	646, 921	646, 921	608, 806	608, 805
Fruits and nuts.....	375, 063	415, 224	413, 050	400, 506
Vegetables.....	532, 695	761, 379	582, 404	812, 054
Tobacco.....	294, 333	294, 333	263, 979	263, 979
Other.....	466, 964	582, 822	492, 167	610, 227
Income from all livestock.....	4, 463, 489	5, 338, 649	4, 494, 541	5, 299, 620
Meat animals.....	2, 174, 591	2, 395, 008	2, 270, 076	2, 468, 002
Dairy products.....	1, 396, 118	1, 776, 724	1, 355, 087	1, 723, 484
Poultry <sup>3</sup> and eggs (chicken).....	761, 271	1, 032, 345	718, 215	958, 861
Other.....	131, 503	135, 572	145, 183	149, 278
Total income from farm marketings.....	7, 591, 713	8, 878, 974	7, 732, 537	8, 961, 885
Government payments <sup>4</sup> .....	482, 221	482, 221	807, 065	807, 065
Grand total.....	8, 073, 934	9, 361, 195	8, 539, 602	9, 768, 950

<sup>1</sup> Represents value of crops, livestock, and livestock products actually sold off farms.

<sup>2</sup> Represents cash income from farm marketings plus value of commodities used for human consumption on farms where grown at average prices received by producers.

<sup>3</sup> Includes chickens and turkeys.

<sup>4</sup> Includes agricultural conservation, Sugar Act, rental and benefit, cotton option, and price adjustment payments to farmers.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual reports, Agricultural Statistics, and Gross Farm Income and Government Payments.

No. 632.—FARM INCOME—ESTIMATED CASH AND GROSS INCOME, BY  
COMMODITIES: 1938 AND 1939

NOTE.—In thousands of dollars. Cash income is value of crops, livestock, and livestock products actually sold off farms. Gross income is value of farm production sold plus value of production retained for use in farm homes

COMMODITY	CASH FARM INCOME		GROSS FARM INCOME	
	1938 <sup>1</sup>	1939 <sup>1</sup>	1938 <sup>1</sup>	1939 <sup>1</sup>
Grand total including Government payments.....	8, 071, 694	8, 539, 602	9, 362, 185	9, 788, 950
Grand total (crops and livestock).....	7, 589, 713	7, 732, 687	8, 379, 974	8, 861, 885
Government payments <sup>2</sup> .....	482, 221	807, 065	482, 221	807, 065
All crops, total.....	3, 126, 224	3, 237, 996	3, 541, 325	3, 682, 285
Corn.....	269, 395	320, 039	288, 973	345, 505
Wheat.....	396, 082	396, 677	407, 090	405, 975
Oats.....	42, 522	44, 516	42, 522	44, 516
Barley.....	38, 165	37, 397	38, 165	37, 397
Rye.....	8, 325	8, 700	8, 464	8, 835
Buckwheat.....	1, 519	1, 371	1, 682	1, 517
Flaxseed.....	12, 164	24, 403	12, 164	24, 463
Rice.....	33, 977	32, 848	34, 087	32, 972
Grain sorghums.....	7, 499	5, 514	7, 499	5, 514
Cotton lint.....	562, 131	525, 320	562, 131	525, 320
Cottonseed.....	84, 700	83, 485	84, 790	83, 485
Tobacco.....	294, 333	263, 970	294, 333	263, 979
Dry edible beans.....	37, 529	36, 773	37, 825	37, 063
Potatoes.....	127, 701	157, 059	165, 545	201, 677
Sweetpotatoes.....	21, 792	21, 350	47, 138	44, 351
Truck crops.....	345, 673	367, 282	510, 871	528, 063
Citrus fruits.....	101, 044	99, 600	101, 708	100, 409
Apples.....	82, 980	97, 760	101, 516	121, 883
Peaches.....	31, 169	40, 672	38, 860	49, 440
Pears.....	12, 630	15, 437	15, 068	18, 084
Cherries.....	7, 056	9, 080	8, 055	10, 349
Grapes.....	37, 828	37, 785	40, 124	40, 423
Strawberries.....	37, 509	39, 158	40, 061	41, 247
Cranberries.....	5, 226	0, 909	5, 226	6, 909
Tree nuts.....	18, 506	18, 930	19, 862	20, 528
Small fruits.....	10, 618	11, 094	11, 468	11, 943
Other fruits.....	31, 097	36, 731	33, 286	39, 291
Sugarcane for sugar.....	18, 181	16, 511	18, 181	16, 511
Sugar beets.....	54, 598	50, 481	54, 598	50, 481
Sugarcane sirup.....	5, 926	0, 497	9, 994	10, 722
Sorgo sirup.....	3, 689	3, 393	6, 321	5, 930
Maple sugar and sirup.....	4, 370	4, 104	4, 785	4, 526
Hay.....	67, 117	65, 400	67, 117	65, 400
Clover seed (red and alsike).....	12, 642	15, 069	12, 642	15, 069
Sweetclover seed.....	1, 288	2, 028	1, 288	2, 028
Lespedeza seed.....	5, 204	5, 623	5, 204	5, 623
Alfalfa seed.....	9, 931	11, 083	9, 931	11, 983
Timothy seed.....	1, 759	1, 970	1, 759	1, 970
Soybeans.....	32, 313	49, 651	32, 313	49, 651
Cowpeas.....	6, 147	5, 729	6, 938	6, 489
Peanuts.....	45, 257	34, 086	46, 856	35, 824
Hops.....	6, 340	8, 773	6, 340	8, 773
Other.....	192, 302	210, 869	298, 555	319, 247
Livestock and livestock products, total.....	4, 468, 489	4, 494, 541	5, 336, 849	5, 299, 620
Cattle and calves.....	1, 143, 986	1, 274, 714	1, 164, 499	1, 296, 408
Hogs.....	868, 585	821, 097	1, 066, 236	988, 089
Sheep and lambs.....	162, 070	180, 265	164, 273	182, 605
Chickens.....	223, 699	227, 150	365, 872	346, 628
Turkeys.....	64, 259	68, 128	68, 458	72, 549
Chicken eggs.....	473, 313	422, 937	608, 015	539, 684
Dairy products.....	1, 396, 118	1, 355, 067	1, 775, 724	1, 723, 484
Wool.....	71, 239	84, 324	71, 239	84, 324
Other.....	60, 270	60, 859	64, 333	64, 949

<sup>1</sup> Preliminary

<sup>2</sup> See note 4, table 631.

Source: Dept. of Agriculture, Bur. of Agricultural Economics; annual reports, Agricultural Statistics, and Gross Farm Income and Government Payments.

No. 633.—FARM INCOME—ESTIMATED GROSS AND CASH INCOME AND GOVERNMENT PAYMENTS, BY STATES: 1938 AND 1939

[In millions and tenths of millions of dollars. See headnote, table 632]

DIVISION AND STATE	GROSS INCOME <sup>1</sup>				CASH INCOME <sup>1</sup>				CASH INCOME AND BENEFIT PAYMENTS	
	Crops and live-stock combined		1939 <sup>2</sup>		Crops and live-stock combined		1939 <sup>2</sup>			
	1938 <sup>2</sup>	1939 <sup>2</sup>	Crops	Live-stock and products	1938 <sup>2</sup>	1939 <sup>2</sup>	Crops	Live-stock and products	1938 <sup>2</sup>	1939 <sup>2</sup>
United States.....	8,880.0	8,961.9	3,662.3	5,299.6	7,868.7	7,732.5	3,238.0	4,494.5	8,071.9	8,539.6
New England.....	274.3	282.1	110.0	172.0	239.9	247.3	91.6	155.7	243.0	252.2
Maine.....	57.0	61.2	34.2	27.0	47.4	51.8	29.3	22.5	48.9	54.0
New Hampshire.....	26.1	25.6	7.9	17.6	21.0	21.3	5.3	16.1	21.2	21.8
Vermont.....	44.1	45.0	10.9	35.0	37.8	39.4	7.0	32.4	38.9	40.5
Massachusetts.....	79.7	80.5	31.9	48.6	72.5	73.2	28.4	44.8	72.9	73.8
Rhode Island.....	10.4	10.7	3.8	6.9	9.5	9.8	3.4	6.4	9.5	9.9
Connecticut.....	58.0	58.1	21.3	36.8	51.7	51.8	18.3	33.4	52.2	52.2
Middle Atlantic.....	735.0	751.5	252.6	498.9	647.5	663.1	215.3	447.8	654.7	673.6
New York.....	332.9	343.6	116.4	227.2	294.9	304.4	97.0	207.4	298.5	307.7
New Jersey.....	101.7	104.4	45.1	59.2	95.6	98.5	43.2	55.3	96.4	100.0
Pennsylvania.....	300.4	303.5	91.0	212.5	257.1	260.2	73.1	185.1	259.8	265.9
East North Central.....	1,752.8	1,729.3	521.2	1,208.1	1,542.2	1,532.1	454.1	1,077.9	1,589.5	1,551.0
Ohio.....	359.6	355.8	107.3	248.5	307.4	305.6	91.0	214.7	315.0	325.8
Indiana.....	300.4	289.0	75.2	213.9	261.3	253.3	64.2	189.2	269.9	274.2
Illinois.....	530.4	530.3	200.1	330.2	483.5	488.1	188.8	299.2	495.0	534.5
Michigan.....	242.0	243.9	92.0	154.9	206.2	212.7	77.5	135.1	214.0	224.7
Wisconsin.....	320.4	307.1	46.6	260.6	283.8	272.4	32.7	239.7	295.0	291.8
West North Central.....	1,048.7	2,027.1	548.2	1,479.0	1,743.0	1,837.9	493.9	1,344.0	1,863.6	2,072.1
Minnesota.....	361.8	363.1	99.3	263.8	326.1	330.1	88.2	241.9	341.4	356.7
Iowa.....	607.1	626.7	145.2	481.6	561.2	585.8	132.6	453.2	590.9	655.3
Missouri.....	288.6	293.7	79.1	214.7	240.7	248.6	62.6	186.0	252.9	276.7
North Dakota.....	102.4	115.9	57.3	58.6	88.8	103.6	55.3	48.3	102.0	133.0
South Dakota.....	102.7	117.3	24.6	92.7	90.3	106.0	22.2	83.8	107.8	126.1
Nebraska.....	226.8	245.7	58.2	187.5	203.2	223.3	53.4	169.9	218.6	251.4
Kansas.....	259.3	264.7	84.5	180.2	232.7	240.6	79.6	160.9	250.0	270.1
South Atlantic.....	1,069.8	1,073.7	658.4	415.2	792.5	808.3	561.9	246.5	853.1	837.1
Delaware.....	20.2	19.9	7.8	12.1	18.0	17.7	6.8	10.9	18.4	18.7
Maryland.....	76.5	76.5	33.0	43.5	65.1	65.7	29.4	36.4	60.5	67.9
Virginia.....	172.5	165.5	78.7	86.8	119.6	115.1	68.8	63.3	123.7	121.4
West Virginia.....	67.2	67.8	21.2	46.6	39.8	40.7	11.0	29.7	41.2	42.5
North Carolina.....	292.3	291.3	207.5	83.8	219.3	220.7	182.2	38.5	235.8	240.5
South Carolina.....	121.3	130.1	80.5	40.6	87.4	97.2	77.8	19.5	101.2	115.1
Georgia.....	201.8	192.6	118.0	78.9	137.7	132.7	97.4	35.3	158.0	158.5
Florida.....	117.5	130.0	102.1	27.9	105.7	118.5	98.4	20.1	108.3	122.4
East South Central.....	744.2	878.4	385.4	311.0	534.3	474.5	285.4	189.1	801.6	862.8
Kentucky.....	207.4	187.0	85.0	102.0	153.8	135.8	66.8	60.0	165.6	146.8
Tennessee.....	178.6	167.6	77.8	89.8	126.6	116.7	58.5	58.2	138.9	132.4
Alabama.....	161.6	143.9	80.8	63.1	104.0	87.6	58.0	29.6	123.7	114.9
Mississippi.....	196.6	178.0	121.8	56.2	149.8	134.5	102.2	32.3	173.3	168.8
West South Central.....	1,043.8	1,043.1	522.3	520.8	858.2	867.5	473.5	394.0	986.9	1,055.1
Arkansas.....	172.6	160.2	105.5	63.7	132.9	131.7	91.6	40.0	154.1	159.6
Louisiana.....	136.4	140.5	93.7	46.8	108.8	113.4	86.4	27.0	126.4	134.6
Oklahoma.....	195.1	197.9	80.0	117.9	150.4	165.6	71.9	93.7	180.4	193.3
Texas.....	599.8	535.5	240.1	295.4	457.2	456.8	223.5	233.3	526.0	567.6
Mountain.....	805.6	541.8	198.0	343.9	465.7	503.4	188.7	314.7	498.8	551.9
Montana.....	77.1	93.1	43.3	49.8	68.6	84.9	41.3	43.5	77.1	97.1
Idaho.....	88.8	92.4	43.5	48.9	81.7	85.8	41.5	44.3	84.9	94.5
Wyoming.....	45.3	52.6	8.5	44.1	42.1	49.4	7.8	41.6	44.9	53.2
Colorado.....	122.7	133.3	44.3	88.9	114.0	125.2	42.6	82.6	122.6	135.3
New Mexico.....	52.2	53.4	14.6	38.8	47.8	48.9	13.6	35.3	51.0	54.0
Arizona.....	58.4	56.9	29.1	27.7	55.5	54.0	28.4	25.6	58.1	59.4
Utah.....	48.3	47.0	12.7	34.3	44.2	43.0	11.8	31.2	46.2	45.9
Nevada.....	12.7	13.2	1.8	11.4	11.8	12.8	1.6	10.7	12.0	12.5
Pacific.....	805.8	837.0	486.2	350.8	768.4	798.4	473.7	324.7	783.0	833.8
Washington.....	145.4	152.7	85.0	67.1	131.6	139.4	80.2	69.2	133.5	148.7
Oregon.....	111.3	113.1	49.0	63.2	100.8	102.8	45.8	57.1	103.3	109.7
California.....	549.1	571.2	350.7	220.5	534.0	556.1	347.7	208.4	546.3	576.5

<sup>1</sup> Rental and benefit payments by Agricultural Adjustment Administration are not included.

<sup>2</sup> Preliminary.

Source: Dept. of Agriculture, Bur. of Agricultural Economics; annual reports, Agricultural Statistics, and Gross Farm Income and Government Payments.

## No. 634.—FARM INCOME AND EXPENDITURES—ESTIMATED CASH INCOME, PRODUCTION EXPENSES, AND NET CASH: 1924 TO 1936

[In millions of dollars]

YEAR	Cash income <sup>1</sup>	Total operating expenditures <sup>2</sup>	Cash wages to hired labor <sup>3</sup>	Interest payable <sup>4</sup>	Taxes payable <sup>5</sup>	Total production expenses	Cash available after deducting production expenses
1924	9,640	2,554	865	731	541	4,691	4,949
1925	10,086	2,855	890	723	547	5,024	5,002
1926	9,658	2,900	932	717	557	5,106	4,552
1927	9,872	2,837	942	708	577	5,064	4,808
1928	9,990	3,109	948	702	588	5,347	4,652
1929	10,417	3,289	955	682	601	5,527	4,890
1930	8,030	2,734	809	654	600	4,797	3,233
1931	5,801	1,947	587	626	550	3,710	2,091
1932	4,377	1,452	380	596	476	2,004	1,473
1933	5,409	1,568	352	554	410	2,884	2,525
1934	6,227	1,774	377	456	387	2,994	3,233
1935	7,201	2,130	402	413	387	3,332	3,869
1936 <sup>6</sup>	8,100					3,625	4,475

<sup>1</sup> Cash income relates to the value of quantities sold, excluding products used in the farm home. Estimates for 1933 to 1936 include Government payments by the Agricultural Adjustment Administration.

<sup>2</sup> Includes expenditures for feed, seed, fertilizer, containers, spray materials, twine, cost of operating tractors, trucks, etc., insurance, ginning, miscellaneous current expenditures, and capital expenditures for machinery, tractors and repairs, and automobiles and trucks. Allowance is made for use of automobiles for purposes other than production.

<sup>3</sup> Total cash wages paid.

<sup>4</sup> Interest on all bank loans other than real estate loans and on 90 percent of all mortgage indebtedness, 10 percent of the total mortgage indebtedness being assigned to farm dwellings.

<sup>5</sup> Only 90 percent of the estimated total taxes on farm property is included, 10 percent of the total being assigned to farm dwellings.

<sup>6</sup> Preliminary estimate.

## No. 635.—FARM INCOME AND EXPENDITURES—ESTIMATED GROSS INCOME, EXPENDITURES, AND INCOME AVAILABLE FOR OPERATORS' CAPITAL, LABOR, AND MANAGEMENT: 1924 TO 1936

[In millions of dollars]

YEAR	Gross income from agricultural production <sup>1</sup>	Current expenditures of operators for production <sup>2</sup>	Depreciation of buildings and equipment <sup>3</sup>	Operators' expenditures for wages, interest, and taxes <sup>4</sup>	Rent to nonfarmer landlords <sup>5</sup>	Total deductions	Income available for operators' labor, capital, and management
1924	11,837	1,590	850	2,105	927	5,533	5,799
1925	11,968	1,724	896	2,209	1,005	5,834	6,134
1926	11,480	1,816	889	2,250	999	5,960	5,520
1927	11,616	1,775	894	2,276	1,034	5,979	5,637
1928	11,741	1,896	894	2,287	1,008	6,145	5,596
1929	11,941	1,958	912	2,292	1,110	6,272	5,669
1930	9,454	1,722	802	2,000	911	5,691	3,863
1931	6,968	1,539	843	1,701	602	4,675	2,293
1932	5,337	1,120	805	1,398	552	3,845	1,492
1933	6,406	1,147	762	1,217	507	3,723	2,683
1934	7,276	1,206	789	1,145	069	3,509	3,467
1935	8,598	1,290	780	1,146	754	3,970	4,535
1936 <sup>6</sup>	9,530					4,230	5,300

<sup>1</sup> Gross income includes the value of products consumed in the farm household on farm where produced

<sup>2</sup> Current operating costs less amounts estimated as paid by nonfarmer landlords.

<sup>3</sup> Relates to the depreciation of building, farm machinery, and other capital equipment, thus representing the cost of the use of these items rather than the amounts spent for them.

<sup>4</sup> Cash wages to hired labor plus an allowance for board and perquisites furnished hired labor and domestic hired labor contributing to production. Includes only that portion of interest payable by farm operators; figured at 75 percent of all interest payable on farm mortgage debt on real estate used in production and interest on all bank loans, other than real estate loans. It is assumed that 70 percent of all taxes on farm property used in production are paid by the farm operator.

<sup>5</sup> In estimating rent it is assumed that 72 percent of total rent goes to nonfarming landlords.

<sup>6</sup> Preliminary estimate.

Source of tables 634 and 635: Dept. of Agriculture, Bur. of Agricultural Economics; annual reports, Agricultural Statistics, and Gross Farm Income and Government Payments.

### No. 636.—FARM PRODUCTION—INDEXES OF VOLUME, BY MAJOR GROUPS OF PRODUCTS: 1921 TO 1939

NOTE.—1924-1929=100. Indexes are based on estimates of production for sale and for consumption in the farm home. Products fed to livestock or used for seed are not included. Calendar-year production of livestock and livestock products is compared with crop production of the same year. Commodities included in the index contributed about 93 percent of the gross farm income during 1924-29

YEAR	Total	CROPS				LIVESTOCK AND PRODUCTS				
		Total <sup>1</sup>	Grains	Fruits and vegetables <sup>2</sup>	Truck crops <sup>3</sup>	Cotton and cottonseed	Total <sup>1</sup>	Meat animals	Dairy products	Poultry products
1921.....	83	77	102	75	61	53	87	92	83	85
1922.....	92	89	100	108	81	65	94	102	87	88
1923.....	95	90	100	103	79	67	99	107	91	98
1924.....	97	96	102	96	91	91	97	102	94	91
1925.....	97	99	98	90	96	107	96	97	96	94
1926.....	102	106	96	109	93	120	98	98	99	99
1927.....	99	95	103	94	105	87	102	101	102	105
1928.....	104	106	108	117	102	97	103	101	103	106
1929.....	101	97	93	94	113	99	104	101	106	106
1930.....	101	95	85	106	113	92	105	101	107	109
1931.....	107	104	89	115	109	112	109	107	110	109
1932.....	100	90	85	101	113	80	107	106	110	105
1933.....	97	82	61	99	105	86	109	108	110	106
1934.....	94	70	44	111	110	64	112	117	110	102
1935.....	92	85	71	115	117	71	98	86	110	99
1936.....	95	81	59	100	123	83	106	100	111	104
1937.....	109	115	99	133	130	126	104	93	111	106
1938.....	104	100	105	121	134	80	107	98	116	105
1939 (prel.).....	107	100	97	128	135	79	113	106	117	112

<sup>1</sup> The total for crops includes hay and tobacco and the total for livestock and products includes wool in addition to the products included in the groups shown separately.

<sup>2</sup> "Fruits and vegetables" includes grapes, apples, apricots, peaches, pears, cranberries, figs, grapefruit, oranges, lemons, olives, potatoes, sweetpotatoes, dry edible beans. "Truck crops" includes asparagus, snap beans, beets, cabbage, cantaloupes, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, strawberries, tomatoes, watermelons.

### No. 637.—PRICES RECEIVED BY FARMERS—INDEXES, BY MAJOR GROUPS OF PRODUCTS: 1910 TO 1940

[August 1909-July 1914=100]

YEARLY AVERAGE OR YEAR AND MONTH	PRICES RECEIVED BY FARMERS <sup>1</sup>							
	All groups	Grains	Cotton and cottonseed	Fruits	Truck crops	Meat animals	Dairy products	Chickens and eggs
1910-14.....	100	100	97	99	-----	101	101	100
1915-19.....	161	185	175	130	-----	162	130	153
1920-24.....	151	138	187	187	<sup>2</sup> 150	123	161	164
1925-29.....	147	133	145	154	145	147	155	156
1930-34.....	88	72	75	103	113	83	101	95
1931.....	87	63	63	98	117	92	108	100
1932.....	65	44	47	82	102	63	83	82
1933.....	70	62	64	74	105	60	82	75
1934.....	60	98	99	100	103	68	95	89
1935.....	108	103	101	91	125	118	108	117
1936.....	114	108	100	100	111	121	119	115
1937.....	121	120	95	122	123	132	124	111
1938.....	95	74	70	73	101	114	109	108
1939.....	93	72	73	77	105	110	104	94
1938								
March.....	96	85	70	69	101	117	117	93
June.....	92	77	68	73	92	116	98	99
September.....	95	63	60	75	107	117	116	118
December.....	96	68	70	73	108	109	112	127
1939								
March.....	91	66	71	81	110	116	100	88
June.....	80	73	73	93	105	107	94	83
September.....	98	83	76	73	117	117	107	102
December.....	96	87	82	65	96	101	118	97
1940								
March.....	97	92	85	73	128	102	114	83
June.....	95	83	81	104	134	102	104	81

<sup>1</sup> Prices are for 15th of month indicated. Indexes cover 34 major crops and, beginning 1924, also 13 commercial truck crops.

<sup>2</sup> 1924 only.

Source of tables 636 and 637: Dept. of Agriculture, Bureau of Agricultural Economics and Agricultural Marketing Service; annual report, Agricultural Statistics. Price indexes are published currently in Crops and Markets.

No. 638.—PRICES RECEIVED AND PAID BY FARMERS, AND WHOLESALE PRICES—INDEXES, ANNUALLY, 1910 TO 1939, AND QUARTERLY, 1938 TO 1940

[Prices received for farm products, August 1909–July 1914=100; other columns, 1910–14=100]

YEARLY AVERAGE OR YEAR AND MONTH	Prices received for farm products <sup>1</sup>	RETAIL PRICES PAID BY FARMERS FOR COMMODITIES BOUGHT <sup>1</sup>			Ratio (%) of prices received to prices paid	Farm wage rates	WHOLESALE PRICES <sup>2</sup>			
		Total	Living	Production			All commodities	Farm products	Foods	All commodities other than farm products and foods
1910-14.....	100	100	100	100	100	100	100	100	100	100
1915-19.....	101	151	153	149	105	148	158	166	153	155
1920-24.....	151	161	172	148	93	178	160	149	155	170
1925-29.....	147	155	161	147	96	179	143	146	154	143
1930-34.....	88	122	123	120	71	115	107	89	111	113
1931.....	87	124	126	122	70	130	107	91	116	111
1932.....	65	107	108	107	61	96	95	68	95	104
1933.....	70	109	109	108	64	85	80	72	94	105
1934.....	90	123	122	125	73	95	109	92	109	116
1935.....	108	125	124	125	86	103	117	111	130	115
1936.....	114	124	122	126	92	111	118	113	127	118
1937.....	121	130	128	135	93	126	126	121	133	126
1938.....	95	122	122	124	78	124	115	96	114	121
1939.....	93	121	120	122	77	124	113	92	109	120
1938										
March.....	96	125	123	123	77	<sup>3</sup> 121	116	99	114	122
June.....	92	124	122	126	74	<sup>3</sup> 120	114	96	113	120
September.....	95	121	121	122	79	<sup>3</sup> 126	114	96	116	120
December.....	96	120	120	122	80	<sup>3</sup> 117	112	95	113	119
1939										
March.....	91	120	119	122	76	<sup>3</sup> 121	112	92	109	119
June.....	89	120	119	121	74	<sup>3</sup> 126	110	88	105	119
September.....	98	122	122	123	80	<sup>3</sup> 126	115	96	110	122
December.....	96	122	121	124	79	<sup>3</sup> 119	116	95	111	124
1940										
March.....	97	123	121	125	79	<sup>3</sup> 124	114	95	109	122
June.....	95	123	121	125	77	<sup>3</sup> 129	113	93	109	123

<sup>1</sup> Prices are for 15th of month indicated.

<sup>2</sup> Monthly averages. Bureau of Labor Statistics index on a 1926 base converted to a 1910-14 base.

<sup>3</sup> Wages for the month following the one stated in stub.

Source: Dept. of Agriculture, Bureau of Agricultural Economics and Agricultural Marketing Service, except as noted; annual report, Agricultural Statistics. Indexes for farm prices are published currently and for farm wages quarterly in Crops and Markets.

No. 639.—AGRICULTURAL PRODUCTS EXPORTED—VALUE OF CHIEF PRODUCTS: 1910 TO 1939

NOTE.—In millions and tenths of millions of dollars. Data for 1910 to 1914 cover fiscal years ended June 30; other data, calendar years. Reexports of foreign products are excluded.

PRODUCTS	1910-1914, average	1921-1925, average	1926-1930, average	1931-1935, average	1935	1936	1937	1938	1939
Grand total.....	1,035.7	2,013.2	1,691.6	731.7	747.1	709.5	797.5	827.5	655.1
Live animals.....	13.0	10.0	5.8	1.5	2.0	1.7	1.9	1.6	1.7
Meats.....	62.7	133.2	71.4	23.7	22.5	20.1	19.0	23.6	26.8
Eggs and dairy products.....	6.3	38.8	23.6	6.9	5.1	4.7	5.8	6.7	7.8
Animal fats and oils <sup>1</sup> .....	83.8	144.1	116.1	37.0	15.1	13.3	17.9	19.5	23.0
Hides and skins.....	3.2	7.6	9.0	3.2	4.2	3.7	6.2	4.8	4.2
Bread grains <sup>1</sup> .....	107.6	363.9	248.5	40.4	18.2	20.6	69.2	105.1	63.1
Coarse grains.....	36.8	97.0	59.0	9.3	7.5	8.0	18.2	109.4	27.0
Rice.....	.6	11.9	10.8	4.7	5.0	.7	6.4	8.4	9.2
Fodders and feeds.....	28.1	26.7	27.2	0.3	6.1	6.9	12.6	12.0	10.1
Vegetables.....	5.8	16.4	18.7	8.0	9.2	10.3	11.9	11.4	15.1
Fruits and preparations.....	29.4	81.5	120.8	83.2	91.6	78.5	80.0	96.1	80.9
Vegetable oils, expressed, oil-seeds, and nuts <sup>1</sup> .....	21.2	18.8	12.1	6.5	6.5	7.5	7.7	7.9	20.2
Coffee and substitutes.....	7.3	6.5	4.9	1.9	1.9	2.2	2.2	1.9	2.8
Sugar and related products.....	9.5	48.1	13.9	4.8	6.7	4.7	5.2	5.1	10.6
Seeds, except oilseeds.....	2.6	3.8	3.5	1.9	1.6	1.7	2.8	2.0	2.4
Tobacco.....	44.8	164.6	144.5	103.7	134.0	137.3	134.5	155.7	77.4
Cotton.....	551.9	805.0	765.7	366.5	390.9	361.0	368.7	228.6	243.0
Wool and hair.....	1.3	1.6	2.3	1.5	2.1	1.9	2.9	2.5	1.6
All other.....	19.9	33.6	33.9	17.6	19.0	21.8	24.4	25.1	28.1

<sup>1</sup> Beginning 1921, lard compounds excluded from animal fats and oils and included in vegetable oils.

<sup>2</sup> Includes wheat and rye; also flour and flour products.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the United States. Also published currently in Monthly Summary of Foreign Commerce of the United States.

### No. 640.—AGRICULTURAL PRODUCTS EXPORTED—VALUE, BY MAJOR GROUPS: 1910 TO 1939

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 <sup>1</sup>	Dairy products and eggs	Grains and preparations	Vegetables, fruits, and nuts	Miscellaneous animal and vegetable products <sup>1</sup>	Cotton	To-bacco
1910-1914 (fiscal).....	1,035.7	151.8	6.3	147.3	35.0	98.7	551.9	44.8
1921-1925.....	2,013.2	283.2	38.8	474.3	102.0	145.3	805.0	164.6
1926-1930.....	1,531.6	189.8	23.6	318.6	144.3	105.1	765.7	144.5
1931-1935.....	731.7	63.9	6.9	54.6	94.4	41.6	366.5	103.7
1928.....	1,863.1	182.3	24.7	315.7	152.0	113.9	920.0	154.5
1929.....	1,092.9	108.2	22.1	285.4	162.8	106.6	770.8	146.1
1930.....	1,200.7	149.9	19.5	191.3	130.4	67.1	498.8	145.6
1931.....	821.3	93.2	12.8	106.0	122.0	50.7	325.7	110.8
1932.....	662.3	55.2	6.6	69.9	84.9	37.6	345.2	65.9
1933.....	694.4	69.6	4.4	31.5	77.1	36.6	308.2	82.9
1934.....	733.4	64.7	5.7	39.4	104.4	42.0	372.3	125.1
1935.....	747.1	42.8	5.1	28.0	83.4	41.0	360.9	134.0
1936.....	709.5	41.2	4.7	26.6	92.8	42.9	361.0	137.3
1937.....	797.5	42.6	5.8	94.1	96.1	55.3	368.7	194.5
1938.....	827.5	48.8	6.7	223.5	112.4	51.9	228.7	155.7
1939.....	655.1	54.2	7.8	90.6	100.5	72.7	243.0	77.4

<sup>1</sup> Beginning 1921, lard compounds excluded from animals and products and included in miscellaneous.

### No. 641.—AGRICULTURAL PRODUCTS IMPORTED<sup>1</sup>—VALUE, BY MAJOR GROUPS: 1926 TO 1939

(In thousands of dollars)

GROUP	1926-30, average	1931-35, average	1936	1937	1938	1939
Agricultural imports, <sup>2</sup> total.....			1,343,009	1,670,324	955,520	1,117,793
Commodities listed below, total.....	2,010,615	822,325	1,187,730	1,511,970	900,100	1,059,878
Animals and products, edible.....	50,128	16,054	40,604	62,318	41,116	49,380
Dairy products and eggs.....	38,239	14,235	18,126	18,266	12,501	13,040
Hides and skins, except reptile.....	110,940	38,580	54,289	70,493	29,898	46,031
Animal fats, inedible.....	2,124	3,522	4,102	608	227	347
Grains and preparations.....	24,487	28,214	84,424	102,392	7,076	12,502
Fodders and feeds.....	14,796	6,690	12,266	16,090	3,809	11,334
Vegetables, fruits, nuts.....	125,545	66,321	78,095	92,487	71,248	76,513
Vegetable oils (expressed) and oilseeds.....	147,959	71,665	122,324	176,342	93,228	84,159
Cocoa, coffee, tea, spices.....	373,372	188,350	197,801	236,350	187,930	203,231
Sugar and related products.....	222,248	121,970	172,614	184,722	141,248	134,644
Beverages, excluding spirits.....	587	6,000	13,447	12,832	10,490	10,908
Crude rubber.....	294,428	74,573	158,732	247,521	129,542	178,054
Tobacco, unmanufactured.....	57,018	27,118	29,830	31,923	36,028	36,918
Cotton, unmanufactured.....	42,063	7,352	11,997	16,592	0,615	8,292
Wool and mohair, unmanufactured.....	78,790	18,731	33,204	96,345	22,605	49,637
Raw silk.....	368,232	115,054	102,351	106,594	88,821	120,352
Vegetable fibers, except cotton and silk.....	62,823	17,837	33,325	41,123	20,229	23,037

<sup>1</sup> General imports through 1932, imports for consumption thereafter. Distilled liquors and candy excluded in all years shown.

<sup>2</sup> Value of total agricultural products not available on calendar-year basis prior to 1934.

### No. 642.—AGRICULTURAL PRODUCTS EXPORTED—INDEXES OF QUANTITY: 1910 TO 1940

NOTE.—Compiled from official records of the Bureau of Foreign and Domestic Commerce

YEAR ENDED JUNE 30—	All commodities	All commodities except cotton	Cotton, including linters	Tobacco, unmanufactured <sup>1</sup>	Fruits	Wheat, including flour	Grains and grain products	Cured pork <sup>2</sup>	Lard <sup>3</sup>
1910-1914.....	100	100	100	100	100	100	100	100	100
1928.....	112	138	92	125	258	191	188	73	151
1929.....	117	141	99	144	372	152	174	73	165
1930.....	97	117	82	163	216	143	130	75	166
1931.....	90	101	81	150	337	122	104	44	124
1932.....	98	91	103	110	305	126	104	27	115
1933.....	85	64	100	102	255	39	42	26	118
1934.....	83	65	97	120	248	35	34	28	115
1935.....	54	46	60	95	197	21	21	22	43
1936.....	62	43	76	110	276	15	19	15	19
1937.....	56	39	69	106	192	21	20	13	21
1938.....	79	90	71	117	283	99	142	10	40
1939.....	63	89	44	121	318	107	125	21	51
1940 (prel.).....	72	63	78	87	170	51	64	17	54

<sup>1</sup> Includes stems, trimmings, etc.

<sup>2</sup> Includes bacon, hams, shoulders, and sides.

<sup>3</sup> Includes neutral lard beginning Jan. 1, 1938.

Sources: Tables 640 and 641: Dept. of Commerce, Bur. of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the United States. Also published currently in Monthly Summary of Foreign Commerce of the United States, Table 642: Dept. of Agriculture, Office of Foreign Agricultural Relations, except as noted; annual report, Agricultural Statistics. Also published currently in Foreign Crops and Markets.

No. 643.—AGRICULTURAL AND FOREST PRODUCTS—EXPORTS AND IMPORTS: 1857 to 1940

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 <sup>1</sup> (EXCL. FOREST PRODUCTS)		AGRICULTURAL IMPORTS <sup>1 2</sup> (EXCL. FOREST PRODUCTS)		FOREST PRODUCTS			
	United States products		Foreign products (re-ports)	Total	Percent of all imports	Exports		Imports
	Total	Percent of all exports <sup>3</sup>				United States products	Foreign products (re-ports)	
1857-1861	213,794	80.4	10,175	117,600	37.1	9,995	704	5,905
1862-1866	146,867	74.7	9,158	122,350	43.0	7,699	714	7,194
1867-1871	249,866	76.6	8,631	181,067	42.6	11,775	443	11,825
1872-1876	395,064	78.3	9,014	266,082	47.0	17,007	635	14,408
1877-1881	589,175	80.1	8,630	271,910	51.4	17,679	439	14,610
1882-1886	554,031	75.9	9,724	322,436	48.4	24,705	955	21,354
1887-1891	571,948	74.6	7,222	378,393	49.8	26,061	1,152	24,630
1892-1896	635,815	72.7	9,353	413,208	58.5	29,276	734	27,448
1897-1901	825,762	65.8	12,929	400,955	58.4	45,961	1,236	26,172
1902-1906	877,708	59.4	14,488	523,211	49.7	63,556	1,219	40,000
1907-1911	973,560	53.8	16,767	701,134	49.9	83,764	1,303	65,822
1912-1916	1,254,296	45.1	27,996	1,023,822	55.4	92,129	1,768	81,467
1917-1921	2,855,982	42.6	82,666	2,162,428	61.5	120,260	3,596	169,932
1922-1926	1,950,290	45.9	58,627	1,981,744	54.3	141,078	1,715	214,824
1927-1931	1,620,818	35.0	57,773	1,942,881	51.2	156,820	1,458	206,676
1932-1936	712,828	36.4	20,284	872,309	50.9	70,268	400	104,424
1918	2,279,367	39.0	44,068	1,822,105	61.9	87,181	1,409	128,400
1919	3,578,669	50.5	105,148	1,920,077	62.3	113,275	3,768	133,688
1920	3,849,693	48.4	128,030	3,400,635	65.1	190,049	5,380	220,091
1921	2,606,436	40.8	90,730	2,058,558	56.3	141,876	4,043	226,162
1922	1,915,189	51.8	43,586	1,370,190	62.5	94,115	2,315	156,843
1923	1,798,052	46.3	48,388	2,077,037	54.9	129,981	1,955	234,598
1924	1,806,517	44.2	62,288	1,875,133	52.8	162,374	1,563	216,712
1925	2,230,159	47.7	63,874	2,056,887	53.8	156,187	1,290	227,423
1926	1,891,578	40.7	74,997	2,520,473	56.7	162,731	1,450	238,545
1927	1,907,780	39.2	72,094	2,281,095	53.6	171,670	1,365	238,247
1928	1,816,381	38.0	73,391	2,193,548	52.9	174,599	1,528	215,874
1929	1,847,087	35.0	63,920	2,177,648	50.7	178,092	2,157	222,249
1930	1,495,823	32.4	50,670	1,899,521	49.4	161,743	1,382	209,418
1931	1,038,018	34.2	28,791	1,161,592	47.8	97,695	858	142,690
1932	752,132	39.4	22,692	833,800	48.2	62,270	409	104,543
1933	589,650	41.8	14,763	613,787	52.6	46,634	297	65,643
1934	787,343	30.2	21,228	838,952	50.1	72,913	401	109,149
1935	668,713	32.1	20,262	933,774	52.2	82,780	367	106,449
1936	766,303	32.3	22,474	1,141,191	51.7	86,661	528	136,437
1937	732,474	26.2	25,411	1,530,695	53.1	101,232	576	160,975
1938	890,771	26.5	25,023	1,155,136	49.6	95,047	777	145,404
1939	682,962	23.7	19,462	908,645	48.0	66,889	453	135,462
1940 (prel.)	730,571	19.7	48,070	1,239,389	50.6	83,347	1,069	152,792

<sup>1</sup> Figures revised to exclude distilled liquor.

<sup>2</sup> Imports for consumption beginning with 1934; general imports prior thereto.

<sup>3</sup> Based on total exports of United States merchandise.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, Agricultural Statistics. Based on data compiled by Department of Commerce, Bureau of Foreign and Domestic Commerce, and predecessor organizations.



# 27. FARM ANIMALS AND ALFALFA PRODUCTS

[Data in this section relate to continental United States]

## No. 644.—DOMESTIC ANIMALS ON FARMS—NUMBER AND VALUE: 1880 TO 1940

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. 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) <sup>1</sup>	
	Horses	Mules	All cattle	Dairy cows <sup>2</sup>	Other cattle	Sheep (stock)		Swine
<b>Census returns—</b>								
1880 (June 1)....	10,357	1,813	39,676	12,443	27,232	42,192	49,773	( <sup>3</sup> )
1890 (June 1)....	15,206	2,252	57,649	16,512	41,137	40,876	57,427	( <sup>3</sup> )
1900 (June 1)....	18,267	3,265	67,719	17,136	50,584	61,504	62,808	2,970,121
1910 (Apr. 15)....	19,833	4,210	61,804	20,625	41,178	52,448	58,186	4,734,684
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	20,469	43,397	56,975	56,288	5,707,594
1935 (Jan. 1)....	11,858	4,818	68,284	( <sup>4</sup> )	( <sup>4</sup> )	48,368	37,213	3,209,222
<b>Estimates Jan. 1<sup>4</sup></b>								
1916.....	21,934	5,200	67,438	20,752	46,680	36,260	60,596	6,169,176
1917.....	21,306	5,358	70,979	21,212	49,767	35,246	57,578	6,826,600
1918.....	21,238	5,485	73,040	21,536	51,504	36,704	62,931	8,239,464
1919.....	20,922	5,568	72,094	21,545	50,549	38,360	64,326	8,610,797
1920.....	20,091	5,051	70,400	21,455	48,945	37,328	60,159	8,020,307
1921.....	19,309	5,768	68,714	21,450	47,258	35,426	58,942	6,026,269
1922.....	18,764	5,824	68,795	21,851	46,944	33,305	59,849	4,734,447
1923.....	18,125	5,893	67,546	22,138	45,408	32,597	60,304	5,024,030
1924.....	17,378	5,907	65,996	22,331	43,665	32,850	66,576	4,700,190
1925.....	16,051	5,918	63,373	22,575	40,798	34,469	55,770	4,636,131
1926.....	16,083	5,903	60,576	22,410	38,166	35,719	52,105	4,952,464
1927.....	15,388	5,804	58,178	22,251	35,927	38,067	55,490	5,065,645
1928.....	14,792	5,656	57,322	22,231	35,091	40,689	61,873	5,577,054
1929.....	14,234	5,510	58,377	22,440	36,437	43,481	59,042	6,118,024
1930.....	13,742	5,382	61,003	23,032	37,971	45,577	55,705	6,011,216
1931.....	13,195	5,273	63,030	23,820	39,210	47,720	54,335	4,502,727
1932.....	12,664	5,148	65,770	24,896	40,874	47,764	59,301	3,253,693
1933.....	12,291	5,046	70,214	25,936	44,278	47,324	62,127	2,755,696
1934.....	12,052	4,945	74,262	26,931	47,331	48,454	58,621	2,956,005
1935.....	11,861	4,822	68,529	26,069	42,460	46,394	39,004	3,226,901
1936.....	11,635	4,684	67,929	25,439	42,490	46,391	42,837	4,845,257
1937.....	11,445	4,568	66,803	24,993	41,810	46,952	42,770	4,765,758
1938.....	11,128	4,428	66,083	24,834	41,249	46,685	44,218	4,757,291
1939.....	10,815	4,384	66,789	25,088	41,701	47,900	49,293	4,824,634
1940 (procl.)....	10,616	4,321	68,769	25,334	43,435	48,473	58,312	4,868,297

<sup>1</sup> Includes only value of animals specified in the preceding columns.

<sup>2</sup> Census returns prior to 1900 represented "milk" 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. Census data are not available for 1935. Estimates as of Jan. 1 represent cows and heifers 2 years old and over kept for milk.

<sup>3</sup> No data. <sup>4</sup> See source note.

Source: Dept. of Commerce, Bur. of the Census; Agriculture Reports, 1935, Vol. III. Estimates Jan. 1, Dept. of Agriculture, Agricultural Marketing Service; published in annual report, Agricultural Statistics, and annual U. S. Livestock Reports.

## No. 645.—DOMESTIC ANIMALS AND CHICKENS ON FARMS—NUMBER AND VALUE, BY KIND, AND FARMS REPORTING: 1925, 1930, AND 1935

NOTE.—Data for 1925 and 1935 are as of Jan. 1 and for 1930, as of Apr. 1. Owing to the difference in the date of enumeration, the figures for 1930 are not closely comparable with those for other years. The total value of all livestock for which data were collected at each census is shown in table 603, p. 634. Available data for number and value of certain classes not shown in the table below are as follows: Asses and burros, 1930, number, 48,000, value, \$1,881,000; turkeys over 3 months old, 1935, number, 5,382,000, value, \$11,668,000; hives of bees (on farms and elsewhere), 1930, number, 3,108,000, value, \$13,632,000

	Horses	Mules	All cattle	All cows 2 years old and over	Sheep	Goats	Swine	Chickens
<b>Number (thousands):</b>								
1925.....	16,401	5,681	60,760	32,554	35,590	3,370	50,854	409,291
1930.....	13,511	5,375	63,896	28,336	56,975	4,821	56,288	2,878,878
1935.....	11,858	4,818	68,284	36,931	48,358	4,093	37,213	2,371,603
<b>Increase (thousands):<sup>3</sup></b>								
1925-30.....	-2,890	-306	3,135	-4,218	21,385	1,451	5,434	-30,413
1930-35.....	-1,653	-557	4,389	8,595	-8,618	-728	-19,075	-7,275
<b>Percent increase:<sup>3</sup></b>								
1925-30.....	-17.0	-5.4	5.2	-13.0	60.1	43.1	10.7	-7.4
1930-35.....	-12.2	-10.4	6.9	30.3	-15.1	-15.1	-33.9	-1.9

For footnotes, see next page.

No. 645.—DOMESTIC ANIMALS AND CHICKENS ON FARMS—NUMBER AND VALUE, BY KIND, AND FARMS REPORTING: 1925, 1930, AND 1935—Continued

	Horses	Mules	All cattle	All cows 2 years old and over	Sheep	Goats	Swine	Chickens
<b>Number of farms report- ing:</b>								
1925.....	45,366		(5)	(5)	431	91	3,619	5,506
1930.....	45,025		4,803	(5)	584	113	3,535	5,373
1935.....	3,537	2,256	5,481	5,377	635	168	3,971	5,833
<b>Percent of all farms:</b>								
1925.....	84.2		(5)	(5)	6.8	1.4	56.8	86.4
1930.....	79.9		76.4	(5)	9.3	1.8	56.2	85.4
1935.....	51.9	33.1	80.5	78.9	9.3	2.3	58.3	85.6
<b>Average number per farm reporting:</b>								
1925.....	4.1		(5)	(5)	82.6	36.9	14.1	74
1930.....	3.8		13.3	(5)	97.6	42.7	15.9	71
1935.....	3.4	2.1	12.5	6.9	76.1	26.0	9.4	64
<b>Average number per 1,000 acres of all land in farms:</b>								
1925.....	18	6	66	35	39	4	55	443
1930.....	14	5	65	29	58	5	57	384
1935.....	11	5	66	35	40	4	35	352
<b>Value (thousands of dol- lars):</b>								
1925.....	1,001,521	440,520	2,019,480	1,373,056	354,485	10,250	614,651	379,011
1930.....	905,881	442,766	3,303,988	2,051,098	413,860	19,320	641,099	321,025
1935.....	913,437	478,651	1,387,896	993,520	208,871	6,116	220,367	191,504
<b>Average value per head:</b>								
1925.....	\$61.07	\$70.13	\$33.24	\$42.18	\$9.06	\$3.04	\$12.09	\$0.93
1930.....	67.05	82.37	51.71	72.38	7.26	4.01	11.39	1.85
1935.....	77.03	99.34	20.33	26.90	4.32	1.49	5.92	1.52

<sup>1</sup> Cows and heifers born before 1928.

<sup>2</sup> Chickens over 3 months old Apr. 1, 1930, and Jan. 1, 1935.

<sup>3</sup> A minus sign (-) denotes decrease.

<sup>4</sup> Number of farms reporting horses and (or) mules.

<sup>5</sup> Not available.

<sup>6</sup> Horses and mules.

No. 646.—DOMESTIC ANIMALS ON FARMS, BY KIND, BY AGE GROUPS: 1930 AND 1935

CLASS AND YEAR	Number (thou- sands)	CLASS AND YEAR	Number (thou- sands)
Horses and colts, all ages.... Apr. 1, 1930 <sup>1</sup> .....	13,384	Cattle and calves, all ages—Continued.	
Jan. 1, 1935.....	11,868	Steers and bulls over 15 months old..... Apr. 1, 1930.....	5,014
Colts 3 to 27 months old.... Apr. 1, 1930.....	957	Steers and bulls 1 year old and over..... Jan. 1, 1935.....	6,938
Colts under 2 years of age.... Apr. 1, 1935.....	1,098	Cows and heifers over 27 months old..... Apr. 1, 1930.....	28,336
Horses over 27 months old.... Apr. 1, 1930.....	12,426	Cows and heifers 2 years old and over..... Jan. 1, 1935.....	36,931
Horses 2 years old and over..... Jan. 1, 1935.....	10,760	Sheep and lambs, all ages.... Apr. 1, 1930.....	56,975
<b>Mules and mule colts, all ages..... Apr. 1, 1930<sup>1</sup>.....</b>	<b>5,354</b>	Jan. 1, 1935.....	48,358
Jan. 1, 1935.....	4,818	Ewes 1 year old and over..... Jan. 1, 1935.....	34,000
Mule colts 3 to 27 months old.... Apr. 1, 1930.....	168	<b>Swine, all ages..... Apr. 1, 1930.....</b>	<b>55,288</b>
Mule colts under 2 years of age.... Jan. 1, 1935.....	111	Jan. 1, 1935.....	37,213
Mules over 27 months old.... Apr. 1, 1930.....	5,188	Sows and gilts farrowing (or to farrow) between Jan. 1 and June 1..... Apr. 1, 1930.....	7,674
Mules 2 years old and over.... Jan. 1, 1935.....	4,707	Sows and gilts bred or to be bred to farrow before June 1..... Jan. 1, 1935.....	6,061
<b>Cattle and calves, all ages.... Apr. 1, 1930<sup>1</sup>.....</b>	<b>54,260</b>	<b>Goats and kids, all ages..... Apr. 1, 1930.....</b>	<b>4,821</b>
Jan. 1, 1935.....	68,284	Jan. 1, 1935.....	4,093
Calves and yearlings 3 to 15 months old.... Apr. 1, 1930.....	15,057		
Calves under 1 year of age.... Jan. 1, 1935.....	16,117		
Heifers 15 to 27 months old.... Apr. 1, 1930.....	5,843		
Heifers 1 year old and under 2 years..... Jan. 1, 1935.....	8,209		

<sup>1</sup> Figures for horses, mules, and cattle for 1930 exclude animals under 3 months of age.

Source of tables 645 and 646: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

## No. 647.—DOMESTIC ANIMALS ON FARMS—

NOTE.—Owing to the difference in the date of the census enumerations

[All figures

Line number	DIVISION AND STATE	HORSES				MULES				ALL CATTLE			
		1930 (Apr. 1)	1935 (Jan. 1)	1939 (Jan. 1) <sup>1</sup>	1940 (Jan. 1) <sup>1</sup> (Prel.)	1930 (Apr. 1)	1935 (Jan. 1)	1939 (Jan. 1) <sup>1</sup>	1940 (Jan. 1) <sup>1</sup> (Prel.)	1930 (Apr. 1)	1935 (Jan. 1)	1939 (Jan. 1) <sup>1</sup>	1940 (Jan. 1) <sup>1</sup> (Prel.)
		1	United States.....	13, 511	11, 858	10, 815	10, 618	5, 375	4, 818	4, 384	4, 321	65, 686	63, 284
2	New England.....	182	170	153	148	2	1	( <sup>2</sup> )	( <sup>2</sup> )	1, 271	1, 175	1, 212	1, 221
3	Maine.....	61	52	46	44	1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	257	245	236	235
4	New Hampshire.....	20	18	15	15	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	136	130	125	125
5	Vermont.....	52	46	44	43	1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	472	410	448	452
6	Massachusetts.....	25	27	24	23	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	207	180	193	193
7	Rhode Island.....	3	3	3	3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	32	28	30	30
8	Connecticut.....	21	24	21	20	1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	167	173	180	182
9	Middle Atlantic.....	672	648	637	630	60	63	61	60	3, 909	3, 566	3, 811	3, 662
10	New York.....	321	315	312	309	6	5	5	5	2, 220	1, 919	2, 110	2, 116
11	New Jersey.....	30	30	37	36	3	4	4	4	175	178	197	203
12	Pennsylvania.....	312	294	288	285	51	54	52	51	1, 511	1, 499	1, 498	1, 543
13	E. N. Central.....	2, 688	2, 525	2, 404	2, 330	261	243	219	219	10, 627	10, 920	11, 392	11, 869
14	Ohio.....	495	478	473	459	31	34	33	32	1, 773	1, 951	2, 030	2, 091
15	Indiana.....	443	402	382	367	82	82	75	74	1, 447	1, 604	1, 649	1, 748
16	Illinois.....	821	746	661	628	134	115	98	93	2, 342	2, 630	2, 609	2, 615
17	Michigan.....	383	377	373	366	7	7	7	7	1, 528	1, 518	1, 675	1, 708
18	Wisconsin.....	640	621	515	510	7	7	7	6	3, 537	3, 116	3, 339	3, 409
19	W. N. Central.....	6, 152	4, 399	3, 18	3, 532	673	520	432	425	18, 877	19, 749	18, 746	19, 945
20	Minnesota.....	805	746	655	635	15	13	13	13	3, 156	3, 173	3, 308	3, 341
21	Iowa.....	1, 048	903	783	722	85	67	55	54	4, 136	4, 570	4, 405	4, 688
22	Missouri.....	697	524	524	524	296	246	210	210	2, 783	2, 531	2, 547	2, 802
23	North Dakota.....	612	503	389	380	8	5	4	4	1, 454	1, 210	1, 238	1, 337
24	South Dakota.....	621	450	360	360	19	11	8	8	1, 974	1, 632	1, 567	1, 630
25	Nebraska.....	754	651	491	476	99	75	58	56	3, 150	3, 232	2, 909	3, 034
26	Kansas.....	715	589	410	390	151	103	75	71	3, 224	3, 380	2, 711	3, 063
27	South Atlantic.....	604	486	602	504	1, 023	997	1, 012	1, 008	3, 789	4, 724	4, 059	4, 778
28	Delaware.....	18	14	15	15	10	10	9	9	54	51	53	54
29	Maryland.....	94	80	82	82	29	29	28	28	319	308	322	335
30	Dist. of Col.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	1	( <sup>2</sup> )	( <sup>2</sup> )
31	Virginia.....	203	163	169	169	94	93	95	96	835	870	886	913
32	West Virginia.....	113	99	96	95	12	12	12	12	556	611	600	600
33	North Carolina.....	87	67	70	71	204	205	305	305	533	684	664	684
34	South Carolina.....	31	20	20	20	189	183	185	183	270	385	360	350
35	Georgia.....	37	25	31	33	354	334	337	334	783	1, 100	970	1, 000
36	Florida.....	21	18	19	19	41	41	41	41	431	713	805	821
37	E. S. Central.....	591	476	539	547	1, 272	1, 217	1, 202	1, 204	3, 968	4, 971	4, 630	4, 624
38	Kentucky.....	248	210	237	237	252	240	231	233	1, 086	1, 212	1, 195	1, 243
39	Tennessee.....	175	141	192	167	319	305	291	291	1, 074	1, 233	1, 170	1, 228
40	Alabama.....	65	50	54	56	332	322	319	319	799	1, 125	1, 020	1, 080
41	Mississippi.....	103	77	86	87	360	350	361	361	1, 009	1, 401	1, 286	1, 273
42	W. S. Central.....	1, 524	1, 368	1, 320	1, 307	1, 918	1, 641	1, 342	1, 301	10, 243	10, 124	11, 353	11, 229
43	Arkansas.....	138	125	140	143	362	307	277	274	813	1, 187	1, 118	1, 174
44	Louisiana.....	118	121	129	130	201	189	203	203	730	1, 082	1, 098	1, 151
45	Oklahoma.....	506	425	372	355	315	246	175	165	2, 097	2, 632	2, 182	2, 247
46	Texas.....	762	686	679	679	1, 040	889	887	659	6, 603	7, 222	6, 055	6, 677
47	Mountain.....	1, 511	1, 304	1, 148	1, 133	89	65	66	64	6, 681	7, 357	6, 832	7, 043
48	Montana.....	450	347	261	258	8	4	3	3	1, 200	1, 530	1, 006	1, 107
49	Idaho.....	206	190	181	181	7	6	5	5	622	784	745	775
50	Wyoming.....	173	146	137	137	4	2	2	2	824	858	828	787
51	Colorado.....	329	278	242	240	26	19	15	15	1, 454	1, 690	1, 447	1, 404
52	New Mexico.....	141	144	127	125	23	18	15	14	1, 055	1, 071	1, 263	1, 276
53	Arizona.....	80	77	77	70	12	12	12	11	695	771	855	898
54	Utah.....	91	85	82	82	3	2	2	2	442	411	423	432
55	Nevada.....	41	37	39	40	3	2	2	2	309	342	300	364
56	Pacific.....	687	525	496	485	77	70	60	57	3, 583	3, 801	4, 005	3, 989
57	Washington.....	182	172	152	143	22	20	15	14	625	741	794	826
58	Oregon.....	178	161	152	152	14	10	8	7	805	928	983	1, 012
59	California.....	226	192	192	190	41	40	37	36	2, 103	2, 132	2, 228	2, 161

<sup>1</sup> Estimates by Department of Agriculture, Agricultural Marketing Service.<sup>2</sup> Cows and heifers born before 1923.

NUMBER, BY KIND, BY STATES: 1930 TO 1940

census figures for 1930 are not very closely comparable with data for other years

in thousands]

COWS AND HEIFERS 2 YEARS OLD AND OVER		COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK				SHEEP AND LAMBS				SWINE				Line number
1930 (Apr. 1) <sup>2</sup>	1935 (Jan. 1)	1930 (Jan. 1) <sup>1</sup>	1935 (Jan. 1) <sup>1</sup>	1939 (Jan. 1) <sup>1</sup>	1940 (Jan. 1) <sup>1</sup> (Prel.)	1930 (Apr. 1)	1935 (Jan. 1)	1939 (Jan. 1) <sup>1</sup>	1940 (Jan. 1) <sup>1</sup> (Prel.)	1930 (Apr. 1)	1935 (Jan. 1)	1939 (Jan. 1) <sup>1</sup>	1940 (Jan. 1) <sup>1</sup> (Prel.)	
28,336	36,931	23,032	26,069	25,088	25,334	56,975	48,358	47,960	48,473	56,288	37,213	49,293	58,312	1
692	820	752	809	821	825	201	118	95	90	228	203	233	234	2
130	158	138	152	144	144	100	59	46	43	46	44	50	52	3
70	87	78	86	79	79	21	13	10	10	16	14	17	16	4
266	292	277	290	305	308	51	29	23	20	29	23	29	26	5
121	138	133	137	140	140	13	8	8	8	105	90	100	100	6
19	22	21	22	24	24	3	2	2	2	6	6	7	7	7
95	123	105	122	129	130	13	6	6	7	27	25	30	30	8
2,069	2,379	2,283	2,364	2,462	2,499	1,220	856	761	742	1,007	885	1,006	1,108	9
1,186	1,326	1,330	1,321	1,423	1,437	618	386	395	332	190	190	251	259	10
107	133	118	138	143	148	12	7	6	6	129	151	83	91	11
777	920	835	905	896	914	590	402	417	404	657	544	671	758	12
5,169	6,586	5,489	6,161	6,045	6,117	6,599	5,642	4,955	5,022	12,965	9,298	12,758	15,582	13
853	1,127	926	1,055	1,043	1,043	2,536	2,396	2,106	2,209	2,778	2,050	2,763	3,616	14
657	911	702	814	766	774	1,118	853	700	714	3,842	2,540	3,405	4,189	15
1,048	1,429	1,020	1,231	1,194	1,145	944	851	685	608	4,057	3,218	4,423	5,485	16
738	955	800	905	923	932	1,410	1,100	1,033	1,043	592	489	713	891	17
1,838	2,187	2,015	2,136	2,179	2,223	585	443	385	391	1,616	998	1,464	1,701	18
7,891	9,987	6,502	7,214	6,569	6,561	7,312	7,550	6,304	6,784	27,050	13,603	18,452	22,443	19
1,501	1,869	1,595	1,776	1,688	1,688	927	1,033	1,000	950	3,316	1,615	2,811	3,429	20
1,501	2,031	1,400	1,580	1,472	1,487	1,558	1,733	1,240	1,314	10,059	5,804	8,179	9,651	21
1,173	1,420	1,030	1,017	945	964	1,750	1,242	1,357	1,500	3,861	2,296	3,120	3,682	22
679	709	640	696	628	640	857	740	707	821	628	218	342	472	23
375	348	377	374	318	318	1,150	1,320	1,220	1,392	637	544	917	1,192	24
1,157	1,521	980	750	648	667	496	689	290	307	4,679	1,905	1,908	2,409	25
1,156	1,560	730	621	656	788	574	714	400	440	2,473	1,119	1,085	1,519	26
1,798	2,563	1,678	2,008	1,955	1,982	2,187	1,303	1,142	1,126	4,306	4,095	5,001	5,272	27
31	38	35	35	36	36	5	3	3	4	20	20	33	27	28
169	198	180	192	198	202	194	94	77	77	205	159	210	231	29
( <sup>4</sup> )	1	1	1	1	1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	30
364	467	375	420	428	428	329	438	387	379	700	543	683	717	31
212	269	210	262	251	251	897	606	536	531	222	188	217	230	32
280	404	285	381	381	381	185	146	77	60	830	647	1,155	1,167	33
147	215	158	189	178	178	176	16	12	10	10	54	59	68	34
388	567	342	419	300	394	50	34	32	34	1,358	1,273	1,554	1,647	35
207	377	95	110	111	110	47	40	37	37	567	447	566	555	36
1,874	2,892	1,785	2,258	2,094	2,107	2,402	1,610	1,688	1,722	3,801	3,853	4,705	5,138	37
510	677	498	610	540	540	1,597	1,080	1,143	1,180	1,035	1,035	1,167	1,400	38
405	678	408	504	567	578	626	411	402	410	1,002	1,002	1,154	1,258	39
401	588	370	450	415	423	69	48	45	48	831	839	1,195	1,267	40
498	752	440	505	572	566	110	72	75	75	75	927	1,189	1,213	41
4,452	6,341	2,474	3,003	2,958	2,962	7,500	7,622	10,262	10,463	4,148	3,838	4,921	5,900	42
372	616	372	510	466	472	86	65	65	77	75	776	887	1,238	43
355	570	250	310	314	320	171	222	276	282	769	777	909	999	44
850	1,311	505	798	720	727	222	309	253	268	1,051	781	934	1,260	45
2,860	3,834	1,202	1,388	1,458	1,443	7,021	7,027	9,646	9,838	1,562	1,884	1,820	2,293	46
2,849	3,698	988	981	908	914	21,008	17,974	15,562	16,603	1,217	735	968	1,238	47
511	725	193	206	156	156	4,028	3,823	3,004	3,248	210	98	90	144	48
240	375	178	200	198	200	3,302	2,209	1,870	1,804	268	106	303	339	49
348	418	72	69	68	66	3,418	3,470	3,614	3,506	98	46	53	63	50
603	762	250	270	243	243	2,505	2,440	1,718	1,752	462	240	278	403	51
504	582	69	75	76	79	2,291	1,801	2,269	2,292	65	58	92	110	52
318	397	38	47	47	49	1,340	931	824	783	24	23	32	38	53
193	212	108	103	100	100	2,622	2,452	2,377	2,401	67	47	61	114	54
122	158	21	21	21	21	1,202	834	817	817	23	17	23	25	55
1,541	1,990	1,151	1,288	1,275	1,277	8,646	5,682	6,221	5,981	1,059	816	1,250	1,389	56
288	413	280	345	345	345	1,143	748	641	615	186	158	240	270	57
353	487	229	275	253	258	3,319	2,210	2,043	1,900	225	169	247	274	58
901	1,090	642	648	667	674	4,084	2,724	3,587	3,466	648	480	793	855	59

<sup>3</sup> Not including 5,823,000 sheep and lambs on feed for market in 1939 and 6,000,000 in 1940.

<sup>4</sup> Less than 500.

<sup>5</sup> No estimate.

Source: 1930 and 1935, except cows and heifers 2 years old and over kept for milk, Dept. of Commerce, Bur. of the Census; Agriculture Reports, 1935, Vol. III. Other figures, Dept. of Agriculture, Agricultural Marketing Service; 1939 and 1940 figures published in Crops and Markets, Feb. 1940.

NO. 648.—CHICKENS ON FARMS, 1930 AND 1935, AND EGGS PRODUCED AND CHICKENS RAISED, 1929 AND 1934, BY STATES

NOTE.—For additional figures for the United States as a whole see tables 645 and 658

DIVISION AND STATE	CHICKENS OVER 3 MONTHS OLD				CHICKEN EGGS PRODUCED			CHICKENS RAISED			
	Farms reporting (thousands) 1		Number on hand (thousands)		Farms reporting (thousands) 1934 1	Number (thousands of dozens)		Farms reporting (thousands) 1		Number (thousands)	
	1930 (Apr. 1)	1935 (Jan. 1)	1930 (Apr. 1)	1935 (Jan. 1)		1929	1934	1929	1934	1929	1934
United States.....	6,372.6	5,833.1	378,878	371,603	5,579.2	2,659,719	2,160,908	5,293.2	5,212.8	673,092	568,867
New England.....	90.9	102.1	6,882	8,334	95.0	63,103	72,200	88.8	83.9	16,502	18,721
Maine.....	27.3	27.6	1,451	1,510	25.7	13,737	12,844	26.7	22.3	3,238	3,083
New Hampshire.....	10.5	11.7	914	1,204	10.8	8,537	10,094	10.3	9.5	2,670	3,158
Vermont.....	18.7	18.3	749	743	16.8	6,080	5,923	18.3	14.9	1,378	1,225
Massachusetts.....	18.1	21.8	1,926	2,518	20.3	18,102	24,080	17.7	18.2	5,088	6,038
Rhode Island.....	2.6	3.0	305	304	2.8	2,460	2,458	2.5	2.4	608	655
Connecticut.....	13.8	19.8	1,537	1,947	18.6	13,578	16,208	13.3	16.6	3,511	4,561
Middle Atlantic.....	310.6	326.3	31,497	33,989	310.4	253,507	245,829	308.8	287.5	53,183	48,532
New York.....	133.1	136.4	11,064	12,643	128.7	97,927	97,167	132.8	104.7	19,518	17,222
New Jersey.....	20.6	22.5	4,097	4,820	21.2	35,956	30,445	20.1	18.7	7,995	7,812
Pennsylvania.....	156.9	167.4	15,446	16,520	160.5	119,624	112,217	155.9	144.1	25,640	23,598
East North Central.....	881.2	958.7	77,084	80,188	915.2	543,261	483,478	870.2	846.1	137,853	124,480
Ohio.....	200.1	224.7	18,000	19,619	211.7	135,990	120,976	197.3	194.1	32,574	29,473
Indiana.....	167.0	181.5	14,083	14,417	171.9	103,540	80,685	165.0	165.0	29,048	26,721
Illinois.....	202.3	215.4	22,082	20,768	207.1	130,820	109,541	200.4	201.9	38,126	33,401
Michigan.....	146.3	163.4	10,380	11,114	155.3	77,401	79,081	142.9	130.0	18,146	15,042
Wisconsin.....	165.6	173.8	13,139	14,269	169.1	80,500	93,190	164.5	148.2	10,960	18,942
West North Central.....	1,025.5	1,051.6	118,261	128,771	1,020.7	778,028	677,721	1,010.1	976.0	198,438	168,324
Minnesota.....	197.5	173.9	10,611	15,664	168.8	107,304	102,576	104.9	156.0	26,979	24,578
Iowa.....	205.5	206.7	30,666	27,362	201.0	188,330	147,422	202.4	195.1	48,216	42,303
Missouri.....	236.1	231.0	25,197	20,157	239.9	180,350	118,284	233.4	232.7	40,783	33,294
North Dakota.....	69.4	70.3	4,795	3,469	68.8	27,889	19,795	68.2	64.2	3,177	5,603
South Dakota.....	74.8	72.3	8,546	5,524	71.3	53,052	29,837	73.8	65.2	14,650	9,087
Nebraska.....	120.5	121.6	13,318	11,454	119.2	85,555	68,423	118.2	116.7	25,974	24,745
Kansas.....	151.8	155.7	19,128	15,141	151.1	135,542	91,385	149.2	144.1	33,650	29,034
South Atlantic.....	908.2	1,003.4	33,422	38,780	900.2	232,457	173,177	888.8	926.1	70,948	78,480
Delaware.....	8.9	9.0	1,551	1,073	8.5	11,201	6,531	8.7	8.1	3,414	6,174
Maryland.....	39.6	39.4	3,777	3,589	37.6	27,709	21,065	39.0	30.1	7,422	7,031
Dist. of Col.....	1	(?)	12	14	1	102	107	1	(?)	21	16
Virginia.....	155.3	175.9	7,043	8,542	169.4	55,349	43,067	151.6	165.4	16,728	16,517
West Virginia.....	75.4	94.0	3,674	4,124	80.0	27,930	21,096	73.4	83.7	5,504	5,355
North Carolina.....	241.5	265.6	6,385	8,806	253.3	39,301	33,001	236.6	246.2	14,727	16,180
South Carolina.....	132.9	146.1	3,057	3,894	141.2	15,907	12,377	131.0	137.8	7,447	7,437
Georgia.....	213.8	222.8	5,373	6,529	213.5	30,524	23,034	209.5	206.8	12,264	11,520
Florida.....	40.6	60.5	1,050	2,190	47.5	14,424	11,099	38.9	43.1	3,421	3,229
East South Central.....	858.2	991.1	28,617	35,367	953.9	178,281	132,891	872.9	919.9	64,741	56,346
Kentucky.....	215.4	244.4	8,920	11,063	234.9	53,960	39,705	210.3	229.4	17,356	18,501
Tennessee.....	216.7	239.6	8,888	10,811	231.9	57,320	41,171	212.3	223.4	15,939	16,730
Alabama.....	221.6	243.2	5,428	6,778	234.0	34,565	28,170	219.8	222.3	10,734	10,436
Mississippi.....	232.5	263.8	5,381	6,716	233.1	30,436	23,344	230.6	238.8	10,712	10,679
West South Central.....	907.3	991.9	43,264	41,398	941.6	236,460	193,990	898.6	904.5	78,048	61,247
Arkansas.....	195.0	224.4	6,124	6,870	214.3	30,129	27,424	193.1	280.6	11,202	10,772
Louisiana.....	128.5	149.8	4,133	4,331	143.5	22,462	14,007	127.4	134.9	7,279	6,487
Oklahoma.....	170.1	191.8	11,471	9,656	179.6	80,514	45,743	177.2	169.2	23,292	16,241
Texas.....	404.7	426.9	21,526	20,542	404.1	154,355	100,785	400.9	371.0	36,275	27,747
Mountain.....	181.8	201.8	13,373	11,907	191.2	97,429	89,129	178.5	165.0	21,089	17,884
Montana.....	37.9	38.0	2,117	1,959	37.5	15,429	13,221	36.4	38.9	3,064	2,985
Idaho.....	32.5	35.8	1,959	1,980	32.8	10,399	13,930	32.1	28.1	3,371	2,729
Wyoming.....	12.7	13.7	736	690	13.1	5,777	4,378	12.5	12.0	1,268	1,114
Colorado.....	49.0	52.0	3,653	3,359	49.3	27,343	20,928	48.4	44.2	6,893	5,574
New Mexico.....	21.1	28.7	962	1,007	26.8	8,791	5,263	21.1	22.3	1,480	1,281
Arizona.....	7.7	11.0	570	554	10.0	5,081	3,729	7.6	8.8	997	786
Utah.....	18.2	19.0	2,096	2,105	19.0	18,463	15,892	17.0	13.3	3,540	2,599
Nevada.....	2.6	2.8	244	224	2.6	2,140	1,884	2.6	2.4	439	297
Pacific.....	181.0	206.3	26,888	28,988	181.0	259,193	199,522	176.6	148.8	42,321	29,774
Washington.....	53.1	63.2	6,452	5,822	58.2	71,429	55,335	52.1	47.1	11,063	7,704
Oregon.....	43.5	50.3	2,909	3,064	46.8	28,342	20,528	42.7	37.8	4,613	3,911
California.....	84.4	92.8	17,467	14,043	85.0	159,422	117,779	81.8	64.1	26,645	18,159

<sup>1</sup> Farms reporting expressed in thousands and tenths of thousands; that is, 5,372.6=5,372,600. The number of farms reporting eggs produced is not available for 1929.

<sup>2</sup> Less than 50.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 649.—DOMESTIC ANIMALS—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS: 1921 to 1939

[All figures in thousands. Total for all stockyards reporting covers about 67 stockyards]

ITEM AND YEARLY AVERAGE OR YEAR	Chi- cago	Den- ver	National Stock Yards Ill.	Fort Worth	Kan- sas City	Omaha	St. Joseph	South St. Paul	Sioux City	Total, 9 stock- yards	All other stock- yards report- ing	Total, all stock- yards re- port- ing
<b>CATTLE AND CALVES</b>												
Receipts:												
1921-1925	3,852	595	1,341	1,218	2,932	1,709	975	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	867	13,403	8,341	21,744
1931-1935 <sup>1</sup>	2,737	535	1,362	878	2,068	1,662	539	1,541	897	12,219	8,632	20,851
1935 <sup>1</sup>	2,420	561	1,641	1,118	1,958	1,382	474	1,388	802	11,753	9,851	21,604
1936 <sup>1</sup>	2,645	574	1,483	1,032	1,782	1,673	481	1,667	995	12,322	10,259	22,581
1937	2,367	673	1,589	1,401	1,980	1,459	434	1,528	700	12,070	10,342	22,412
1938	2,210	620	1,403	1,213	1,669	1,298	376	1,369	712	10,870	9,768	20,638
1939	2,131	622	1,294	1,042	1,712	1,812	372	1,373	733	10,590	9,866	20,456
Shipments:												
1921-1925	1,103	453	814	429	1,421	729	232	475	411	6,087	3,623	9,690
1926-1930	846	454	887	403	1,130	626	187	447	415	5,454	3,407	8,861
1931-1935 <sup>1</sup>	689	339	999	378	1,020	675	194	421	414	4,798	3,400	8,199
1935 <sup>1</sup>	597	343	705	464	970	558	98	357	393	4,454	3,984	8,438
1936 <sup>1</sup>	721	321	614	434	735	619	102	437	424	4,407	4,056	8,463
1937	656	422	738	649	1,005	606	100	376	345	4,800	4,994	8,903
1938	621	393	640	654	907	509	100	344	365	4,538	4,004	8,542
1939	585	402	559	594	991	519	107	453	378	4,530	4,217	8,803
<b>SHEEP AND LAMBS</b>												
Receipts:												
1921-1925	4,173	1,918	575	351	1,619	2,704	974	521	279	13,114	9,467	22,571
1926-1930	4,044	2,076	568	404	1,783	2,972	1,500	972	714	16,094	10,922	26,016
1931-1935 <sup>1</sup>	3,578	2,849	689	879	1,778	2,333	1,262	1,542	1,009	15,919	12,325	28,244
1935 <sup>1</sup>	2,941	2,903	766	647	1,397	1,673	1,068	1,362	967	13,728	11,844	25,567
1936 <sup>1</sup>	2,595	3,024	709	610	1,277	1,617	1,048	1,487	843	13,210	11,442	24,652
1937	2,501	3,093	1,050	1,281	1,469	1,685	945	1,200	881	13,800	11,179	24,979
1938	2,564	3,185	988	1,378	1,606	1,648	1,011	1,258	661	14,149	11,449	25,598
1939	2,499	2,837	820	939	1,367	1,717	1,025	1,204	711	13,118	10,699	23,817
Shipments:												
1921-1925	1,306	1,746	215	215	616	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
1931-1935 <sup>1</sup>	839	2,593	155	313	549	805	257	787	350	6,647	7,302	13,949
1935 <sup>1</sup>	562	2,631	83	209	436	492	197	630	265	5,507	7,110	12,626
1936 <sup>1</sup>	504	2,687	80	185	355	527	194	691	250	5,479	6,727	12,206
1937	460	2,680	233	644	429	553	151	507	176	5,833	6,803	12,636
1938	500	2,693	245	629	472	597	171	569	215	6,060	6,467	12,558
1939	488	2,452	244	415	388	647	238	527	215	5,565	6,332	11,897
<b>SWINE</b>												
Receipts:												
1921-1925	9,041	452	3,972	416	2,605	3,297	2,042	3,092	2,742	27,740	20,219	47,968
1926-1930	7,884	514	3,721	384	2,164	2,997	1,537	3,017	2,436	24,005	17,911	41,916
1931-1935 <sup>1</sup>	6,489	618	2,782	333	1,322	2,700	1,804	2,232	1,961	19,792	13,853	33,645
1935 <sup>1</sup>	3,600	393	2,029	291	580	1,140	903	931	850	10,444	9,118	19,562
1936 <sup>1</sup>	4,364	497	2,474	372	738	1,763	852	1,995	1,382	14,437	11,962	26,399
1937	3,968	321	2,265	351	372	1,110	599	1,591	827	11,374	11,292	22,666
1938	4,188	200	2,412	279	376	1,214	675	2,017	1,037	12,488	12,313	24,801
1939	4,264	342	2,026	355	519	1,026	822	2,205	1,203	13,966	14,008	27,974
Shipments:												
1921-1925	2,355	77	2,559	72	772	797	437	660	1,076	8,795	8,335	17,130
1926-1930	1,997	121	2,733	30	741	925	384	869	885	8,084	7,204	15,289
1931-1935 <sup>1</sup>	906	204	1,790	18	290	651	186	781	540	5,366	5,022	10,388
1935 <sup>1</sup>	518	135	1,216	14	138	332	76	198	243	2,870	3,155	6,026
1936 <sup>1</sup>	610	128	1,351	39	219	300	115	539	334	3,725	4,337	8,062
1937	529	33	1,275	40	99	185	51	329	168	2,706	3,893	6,600
1938	525	41	1,074	37	73	176	66	507	212	2,711	4,245	6,956
1939	468	60	790	55	91	215	80	438	250	2,448	4,803	7,251
<b>HORSES AND MULES</b>												
Receipts:												
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
1931-1935 <sup>1</sup>	18	11	26	26	47	28	7	18	16	231	168	399
1935 <sup>1</sup>	19	15	70	47	60	35	8	27	14	295	242	537
1936 <sup>1</sup>	17	12	62	52	47	27	6	23	14	260	251	511
1937	13	8	52	44	47	21	3	13	7	210	233	443
1938	9	8	40	33	44	12	3	10	10	169	192	361
1939	8	7	29	31	31	10	1	9	10	135	149	284

<sup>1</sup> Figures include animals purchased for Federal Surplus Relief Corporation as follows: Cattle and calves, June 6, 1934, to Feb. 7, 1935, and August and September 1939; sheep, Sept. 14 to Dec. 15, 1934.  
<sup>2</sup> Includes many pigs and sows received for sale on Government account, Aug. 22 to Oct. 7, 1933.

Source: Department of Agriculture, Agricultural Marketing Service; figures are published currently in Crops and Markets.

**No. 650.—DOMESTIC ANIMALS—RECEIPTS, LOCAL SLAUGHTER, AND STOCKER AND FEEDER SHIPMENTS AT PUBLIC STOCKYARDS, BY KIND: 1921 TO 1939**

[All figures in thousands]

ITEM	1921-1925, average	1926-1930, average	1931-1935, average	1935 <sup>1</sup>	1936 <sup>1</sup>	1937	1938	1939
<b>Cattle and calves:</b>								
Receipts.....	22,796	21,744	20,851	21,004	22,581	22,422	20,639	20,450
Local slaughter.....	12,972	12,746	12,561	13,030	13,982	13,274	11,938	11,487
Stocker and feeder shipments.....	4,144	3,673	3,053	3,392	3,207	3,470	3,615	4,114
<b>Sheep and lambs:</b>								
Receipts.....	22,571	26,016	28,244	25,567	24,652	24,979	25,598	23,817
Local slaughter.....	10,919	12,025	14,267	12,927	12,423	12,322	13,018	11,906
Stocker and feeder shipments.....	4,150	4,912	3,605	2,994	2,795	3,284	3,367	3,508
<b>Swine:</b>								
Receipts.....	47,908	42,516	33,645	10,562	26,300	22,666	24,801	27,974
Local slaughter.....	30,819	26,603	23,227	13,509	18,201	16,004	17,775	20,638
Stocker and feeder shipments.....	588	736	429	334	500	382	422	493

<sup>1</sup> See notes 1 and 2, table 649.
**No. 651.—DOMESTIC ANIMALS—RECEIPTS AT PUBLIC STOCKYARDS, BY KIND, BY MONTHS: 1931 TO 1940**

[All figures in thousands]

CLASS AND YEARLY AVERAGE OR YEAR	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Cattle and calves:</b>													
1931-1935 <sup>1</sup> .....	20,851	1,550	1,302	1,411	1,502	1,590	1,508	1,765	2,203	2,235	2,354	1,861	1,513
1936.....	22,581	1,793	1,416	1,625	1,673	1,522	1,764	1,881	2,216	2,264	2,430	2,176	1,811
1937.....	22,422	1,691	1,343	1,727	1,634	1,751	1,902	1,675	2,245	2,360	2,332	2,132	1,629
1938.....	20,639	1,647	1,313	1,626	1,602	1,681	1,606	1,630	1,946	2,017	2,306	1,900	1,465
1939.....	20,450	1,640	1,294	1,542	1,467	1,737	1,476	1,667	1,764	2,117	2,438	1,912	1,404
1940.....		1,595	1,247	1,359	1,554	1,576	1,402						
<b>Sheep and lambs:</b>													
1931-1935 <sup>1</sup> .....	23,244	2,004	1,754	1,890	2,233	2,401	2,182	2,305	2,837	3,239	3,520	2,129	1,749
1936.....	24,652	1,862	1,632	1,701	1,798	1,944	1,850	2,022	2,287	2,766	2,871	2,149	1,761
1937.....	24,979	2,033	1,691	1,676	1,882	2,200	1,879	1,908	2,752	2,994	2,697	1,785	1,643
1938.....	25,567	1,955	1,713	1,739	1,938	2,409	1,920	1,964	2,664	2,986	2,805	1,945	1,552
1939.....	23,817	1,747	1,540	1,766	1,993	1,951	1,711	2,042	2,392	2,625	2,607	1,924	1,514
1940.....		1,728	1,424	1,440	1,876	2,002	1,687						
<b>Swine:</b>													
1931-1935 <sup>2</sup> .....	33,645	3,785	2,922	2,575	2,630	2,752	2,549	2,270	2,426	3,008	2,627	2,925	3,168
1936.....	26,300	2,532	1,817	2,045	1,875	1,759	1,864	1,915	1,747	1,939	2,613	3,149	3,145
1937.....	22,666	2,500	2,084	2,224	2,036	1,526	1,513	1,157	1,275	1,533	1,906	2,323	2,687
1938.....	24,801	2,893	1,962	1,895	1,724	1,890	1,757	1,570	1,797	1,881	2,255	2,607	2,670
1939.....	27,974	2,609	1,971	2,205	1,996	2,410	2,105	1,948	2,007	1,995	2,468	2,849	3,331
1940.....		3,772	2,922	2,710	2,595	2,674	2,650						

<sup>1</sup> See note 1, table 649.<sup>2</sup> See note 2, table 649.
**No. 652.—DOMESTIC ANIMALS—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE, BY KIND: 1911 TO 1939**

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 at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices

YEARLY AVERAGE OR YEAR	Milk cows at local market, per head	BEEF CATTLE <sup>1</sup>		CALVES, VEAL		SHEEP		LAMBS		HOGS	
		Local market	Chicago	Local market	Chicago	Local market	Chicago	Local market	Chicago	Local market	Chicago
1911-1915.....	52.30	5.54	7.89	7.07	9.30	4.60	5.13	6.03	7.57	6.86	7.60
1916-1920.....	79.50	8.42	12.91	11.09	14.35	8.97	10.25	11.85	15.05	13.20	14.78
1921-1925.....	56.30	5.78	9.13	7.99	9.78	6.29	7.02	10.14	13.53	8.30	9.04
1926-1930.....	79.60	8.21	11.82	10.61	13.07	6.75	6.57	10.99	13.54	9.65	10.23
1931-1935.....	40.20	4.74	7.44	5.73	7.08	2.86	2.81	5.05	7.37	5.07	5.57
1932.....	37.00	4.25	6.70	4.95	6.21	2.19	2.20	4.46	5.92	3.34	3.83
1933.....	33.20	3.75	5.42	4.64	5.88	2.38	2.30	5.05	6.65	3.53	3.94
1934.....	32.60	4.13	6.76	4.92	6.10	2.85	2.95	5.90	8.01	4.14	4.65
1935.....	46.90	6.06	10.26	7.20	8.88	3.77	3.82	7.22	9.02	8.03	9.27
1936.....	52.70	5.82	8.82	7.22	9.30	3.81	4.00	8.03	9.91	9.30	9.80
1937.....	56.80	7.01	11.47	8.10	10.07	4.40	4.67	8.84	10.78	9.47	10.02
1938.....	56.70	6.57	9.39	7.86	9.52	3.56	3.75	7.04	8.50	7.72	8.00
1939 (prel.).....	58.60	7.13	9.75	8.42	10.31	3.92	3.88	7.78	9.33	6.21	6.57

<sup>1</sup> Chicago prices are for beef steers, all grades, excluding western.Source of prices 650, 651, and 652: Dept. of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*. Monthly receipts, slaughter, shipments, and local market prices of animals are published currently in *Crops and Markets*.

No. 653.—DOMESTIC ANIMALS—MONTHLY AVERAGE PRICES AT CHICAGO, BY  
KIND: 1935 TO 1940

[In dollars per 100 pounds, live weight]

CLASS AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average <sup>1</sup>
<b>Beef steers:</b> <sup>2</sup>													
1935	9.24	10.49	10.77	11.10	11.13	10.28	9.80	10.27	10.36	10.38	9.97	9.79	10.26
1936	9.30	8.37	8.05	8.42	7.92	7.86	8.13	8.46	9.16	9.31	10.31	10.27	8.82
1937	10.69	10.22	10.79	10.75	11.21	12.11	13.97	14.13	13.78	12.79	10.65	8.96	11.47
1938	8.13	7.78	8.46	8.63	8.82	9.50	10.71	10.31	10.42	10.33	10.03	10.13	9.39
1939	10.35	10.17	10.29	10.02	9.68	9.22	9.30	9.09	10.23	9.87	9.63	9.59	9.75
1940	9.46	9.08	9.31	9.46	9.83	9.69							
<b>Calves, veal:</b> <sup>3</sup>													
1935	8.03	8.04	8.35	8.36	8.33	8.50	8.00	9.48	9.69	9.70	10.01	10.01	8.88
1936	10.45	10.64	8.70	8.93	9.22	9.07	8.32	8.18	9.55	9.48	8.91	10.21	9.30
1937	11.10	9.42	9.01	9.18	9.10	9.20	9.85	11.10	11.80	10.80	10.14	10.10	10.07
1938	10.63	10.29	9.05	8.48	8.62	8.50	9.08	9.74	10.28	10.48	9.93	9.16	9.62
1939	9.96	10.86	10.38	9.28	9.48	9.03	9.73	10.15	11.22	10.91	9.91	9.91	10.31
1940	11.47	10.66	10.44	9.66	10.95	9.51							
<b>Sheep:</b> <sup>4</sup>													
1935	4.30	4.75	4.51	4.44	3.57	2.56	2.65	2.81	3.25	3.72	4.54	4.73	3.82
1936	4.92	4.78	5.19	5.52	4.22	3.28	3.48	2.84	3.18	3.00	3.53	3.95	4.00
1937	5.34	5.50	6.45	6.19	5.22	3.65	4.03	4.20	3.85	3.84	3.81	3.86	4.67
1938	3.96	3.96	4.78	5.08	3.88	3.18	3.19	3.32	3.06	3.08	3.58	3.96	3.75
1939	4.21	4.53	5.04	5.48	3.68	2.66	2.94	2.95	3.31	3.59	4.00	4.19	3.88
1940	4.62	4.96	5.42	5.26	3.41	3.12							
<b>Lambs:</b> <sup>4</sup>													
1935	9.02	8.49	8.24	8.16	7.50	8.91	8.52	8.96	9.49	9.26	10.53	11.16	9.02
1936	10.60	10.14	9.95	11.03	10.54	11.34	9.85	9.31	9.42	8.73	9.00	8.98	9.91
1937	10.43	10.49	12.06	12.54	10.82	11.60	10.97	10.92	10.71	10.12	9.68	9.01	10.78
1938	8.34	7.64	8.80	8.49	7.91	9.15	9.08	8.40	7.95	8.23	8.98	8.99	8.50
1939	8.94	8.96	9.21	10.02	9.88	9.79	9.39	8.62	9.66	9.41	9.19	8.92	9.33
1940	9.12	9.46	10.11	10.32	10.26	10.85							
<b>Hogs:</b> <sup>5</sup>													
1935	7.70	8.35	9.09	8.94	9.31	9.27	9.49	10.78	10.95	9.83	9.31	9.57	9.27
1936	9.85	10.37	10.24	10.47	9.58	9.85	9.76	10.06	9.89	9.55	9.68	9.96	9.89
1937	10.24	10.08	10.11	9.97	10.73	11.04	11.57	11.77	11.37	10.03	8.65	7.90	10.02
1938	7.91	8.33	9.12	8.28	8.20	8.52	8.60	7.76	8.35	7.84	7.67	7.24	8.09
1939	7.30	7.77	7.43	6.92	6.67	6.34	5.92	5.52	7.44	6.85	5.97	5.38	6.57
1940	5.32	5.12	5.07	5.43	5.59	4.98							

<sup>1</sup> Simple averages of monthly prices, except for beef steers and hogs, which are weighted averages.

<sup>2</sup> Western steers not included. <sup>3</sup> Good and choice grades.

<sup>4</sup> Bulk of sales. Slaughter ewes (culls excluded) and native lambs. <sup>5</sup> Packer and shipper purchases.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics.

No. 654.—DOMESTIC ANIMALS—MONTHLY AVERAGE PRICES RECEIVED BY  
FARMERS, BY KIND: 1938, 1939 AND 1940

[In dollars per 100 pounds, live weight. Average prices for the year are weighted averages]

CLASS AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
<b>Beef cattle:</b>													
1938	5.93	5.80	6.11	6.30	6.25	6.38	6.74	6.38	6.45	6.33	6.32	6.40	6.57
1939	6.08	6.86	7.00	7.08	7.09	6.81	6.60	6.50	7.07	6.97	6.89	6.85	7.13
1940	6.94	6.84	7.00	7.16	7.35	7.10							
<b>Calves, veal:</b>													
1938	8.32	8.23	8.17	8.00	7.62	7.73	7.88	7.95	8.31	8.28	8.27	8.04	7.86
1939	8.30	8.73	8.69	8.38	8.26	7.98	8.11	8.13	8.92	8.88	8.64	8.41	8.42
1940	8.05	8.80	8.81	8.63	8.01	8.46							
<b>Sheep:</b>													
1938	3.67	3.61	3.97	3.90	3.59	3.43	3.46	3.40	3.38	3.36	3.53	3.69	3.56
1939	3.33	4.02	3.99	4.19	3.94	3.67	3.60	3.59	3.80	3.92	3.83	3.79	3.92
1940	3.86	3.93	4.25	4.15	4.02	3.81							
<b>Lambs:</b>													
1938	7.15	6.63	7.35	7.23	6.90	6.84	6.84	6.59	6.46	6.37	6.82	7.08	7.04
1939	7.33	7.37	7.43	7.88	8.02	7.49	7.31	6.94	7.57	7.60	7.48	7.38	7.78
1940	7.67	7.61	8.05	8.14	8.25	8.12							
<b>Hogs:</b>													
1938	7.59	7.74	8.35	7.77	7.35	8.00	8.56	7.81	8.07	7.28	7.25	6.90	7.72
1939	6.96	7.21	7.10	6.57	6.30	5.96	5.26	5.47	7.06	6.52	5.87	5.03	6.21
1940	6.18	4.97	4.87	4.90	5.35	4.82							

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Data are published currently in Crops and Markets.



**No. 655.—MEATS AND ANIMAL PRODUCTS—WHOLESALE PRICES AND INDEXES,  
BY KIND: 1900 TO 1939**

[All prices are in cents per pound except for eggs, which are in cents per dozen. Indexes based on 1926=100]

YEAR	Hogs, good to choice, heavy, Chicago <sup>1</sup>		Cattle, steers, good to choice, Chicago		Pork, fresh (composite price), Chicago		Hams, cured, Chicago		Lard, prime, contract, New York		Mutton, dressed, New York		Veal, fresh, good, Chicago	
	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index
1900	5.08	41.2	5.39	56.0	-----	-----	10.3	33.4	6.9	46.0	7.3	50.7	-----	-----
1905	5.29	42.9	5.22	54.8	-----	-----	10.5	34.1	7.5	50.0	8.6	59.7	-----	-----
1910	8.94	72.5	7.02	73.6	-----	-----	16.4	63.2	12.5	83.3	10.1	70.1	-----	-----
1915	7.13	57.8	8.70	91.3	-----	-----	15.3	49.7	9.4	62.7	10.7	74.3	-----	-----
1920	14.19	115.0	14.49	152.0	-----	-----	33.4	108.4	20.0	133.3	16.2	112.5	-----	-----
1925	12.25	99.3	10.66	111.9	20.5	91.5	27.1	88.0	16.8	112.0	14.4	100.0	16.4	87.7
1930	9.61	77.9	11.03	115.7	17.5	78.1	23.0	74.7	10.9	72.7	10.0	69.4	17.9	95.7
1932	3.82	30.9	7.80	81.8	7.8	34.8	13.3	43.2	5.0	33.3	7.0	48.6	9.1	48.7
1933	3.98	32.3	5.78	60.7	8.0	35.7	12.1	39.3	5.7	38.0	6.0	41.7	9.1	48.7
1934	5.03	40.7	7.89	82.8	12.3	54.9	15.2	49.4	8.3	55.3	7.1	49.3	9.3	49.7
1935	9.60	77.8	11.70	122.8	19.2	85.7	22.5	73.1	14.5	96.7	8.8	61.1	13.5	72.3
1936	10.11	82.0	9.95	104.4	17.8	79.5	24.0	77.9	11.5	76.7	8.3	67.2	13.7	73.3
1937	10.51	85.2	14.14	148.4	18.2	81.3	23.1	75.0	11.7	78.0	9.1	63.6	14.8	79.1
1938	8.27	67.0	10.30	108.0	15.5	69.2	21.8	70.8	8.6	67.6	8.2	56.9	13.9	74.3
1939	6.63	53.8	10.44	109.5	13.3	59.5	20.0	65.0	6.9	46.0	8.5	59.0	14.5	77.6

  

YEAR	Beef, fresh, carcasses, good native steers, Chicago		Beef, fresh, native sides, steers, New York		Poultry, dressed, fresh fowls, New York		Butter, creamery, extra, New York		Cheese, whole milk, Amer. twins, Chicago		Eggs, fresh, New York <sup>2</sup>		Milk, fresh, New York	
	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index
1900	-----	-----	8.0	58.0	-----	-----	22.5	50.8	-----	-----	-----	-----	-----	-----
1905	-----	-----	8.0	58.0	-----	-----	24.9	56.2	-----	-----	-----	-----	-----	-----
1910	11.5	70.1	10.3	83.4	17.6	56.1	30.1	67.9	-----	-----	-----	-----	-----	-----
1915	12.9	78.7	12.6	83.4	17.8	56.7	29.9	67.6	14.2	65.4	25.7	72.2	1.95	53.9
1920	23.0	140.2	20.0	136.4	38.5	122.0	61.4	138.0	28.2	120.7	56.9	159.8	3.94	108.9
1925	18.0	109.8	18.9	105.3	30.3	96.5	45.4	102.5	23.0	106.0	39.8	111.8	3.55	98.1
1930	20.7	126.2	17.6	116.6	26.2	83.4	39.4	82.2	18.2	85.9	27.8	78.1	3.85	106.2
1932	13.1	79.9	11.7	77.5	17.5	55.7	21.0	47.4	12.0	55.3	19.3	54.2	2.38	65.7
1933	9.5	57.9	9.2	60.9	13.8	43.9	21.7	49.0	11.7	53.9	17.2	48.3	2.43	67.1
1934	11.4	69.5	10.7	70.9	15.0	47.8	25.5	57.6	12.9	59.4	20.3	57.0	3.05	84.2
1935	17.6	107.3	15.5	102.9	19.5	62.1	29.6	66.8	15.6	71.9	26.0	73.0	3.29	90.8
1936	15.2	92.7	14.2	94.7	19.7	62.7	33.0	74.5	14.7	77.0	25.2	70.8	3.45	95.2
1937	21.1	128.7	18.3	121.2	20.2	64.3	34.3	77.4	17.2	79.3	22.9	64.3	3.16	87.2
1938	15.8	96.3	15.4	102.5	19.5	62.1	27.8	62.8	13.8	63.6	22.6	63.2	2.96	81.6
1939	16.3	99.0	16.8	111.6	16.0	50.9	25.0	58.6	14.2	65.3	18.4	61.8	2.84	78.3

<sup>1</sup> Prior to 1937 reported as fair to choice.

<sup>2</sup> Index numbers are based on quotations for "new laid, fair to fancy, nearby" prior to 1913; they have been adjusted, however, for difference in grade and are closely comparable.

Source: Dept. of Labor, Bur. of Labor Statistics; published in Wholesale Prices, Dec. 1939.

**No. 656.—MEAT ANIMALS SLAUGHTERED—TOTAL AND SLAUGHTER<sup>1</sup> UNDER  
FEDERAL INSPECTION, BY KIND: 1901 TO 1939**

[All figures in thousands]

YEARLY AVERAGE OR YEAR	CATTLE		CALVES		SHEEP AND LAMBS		HOGS		Goats, Federally inspected
	Total	Federally inspected	Total	Federally inspected	Total	Federally inspected	Total	Federally inspected	
1901-1905	12,179	6,699	-----	-----	13,380	10,219	51,451	29,280	-----
1906-1910	13,837	7,505	-----	-----	14,519	10,739	55,878	32,109	175
1911-1915	13,144	7,152	6,680	2,010	17,859	13,969	57,300	34,460	103
1916-1920	15,025	9,879	6,394	1,976	14,055	11,056	63,179	39,608	126
1921-1925	13,074	8,979	6,259	4,556	16,444	11,891	69,509	46,269	26
1926-1930	12,856	8,932	8,128	4,759	17,648	14,010	67,986	45,355	22
1931-1935 <sup>1</sup>	13,348	8,795	8,783	5,174	22,128	17,405	65,725	41,435	16
1934 <sup>2</sup>	14,968	9,543	9,979	6,078	20,429	16,055	68,655	43,870	9
1935 <sup>2</sup>	14,776	9,666	9,875	5,879	22,187	17,644	46,238	26,057	51
1936 <sup>2</sup>	16,063	10,972	10,138	6,070	21,840	17,216	59,192	36,065	15
1937	15,239	10,070	10,081	6,281	21,704	17,270	53,783	31,642	8
1938	14,754	9,778	9,106	5,492	22,514	18,060	58,982	36,180	6
1939	14,401	9,446	8,794	5,264	21,688	17,241	56,003	41,308	3

<sup>1</sup> Average for 1907-1910.

<sup>2</sup> Excludes animals slaughtered under Government account, as follows: Cattle—1934, 3,334,000; 1935, 187,000; 1936, 4,000. Calves—1934, 1,377,000; 1935, 39,000. Sheep, 1934, 1,356,000. Hogs, 1933, 6,411,000. Goats, 1934, 89,000.

Source: Dept. of Agriculture, Bureau of Agricultural Economics, Bureau of Animal Industry, and Agricultural Marketing Service; annual report, Agricultural Statistics. Federally inspected slaughter published currently in Crops and Markets.

NO. 657.—MEATS AND LARD—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION,  
 BY KIND: 1932 TO 1939

NOTE.—All amounts, except per capita, in millions of pounds. Pork production represents total hog-carass weight, less raw fat from carcass which was rendered into lard. Other meat production represents dressed carcass weight only, with edible byproducts excluded. Lard production represents rendered weight of lard. Uninspected production includes farm, retail, and non-federally inspected wholesale slaughter. Meat obtained from cattle, calves, and sheep purchased for slaughter by Federal Government in 1934 and 1935 in connection with drought-relief activities and pork and lard from sows and pigs slaughtered for Federal Government in August and September 1933 are not included. Exports and imports of meats comprise the several kinds of meat converted to a dressed-carass-weight basis. Lard exports represent rendered lard, including neutral lard. Exports include shipments to Alaska, Hawaii, Puerto Rico, and Virgin Islands. Consumption represents production plus imports less exports, with allowance for changes in storage stocks

YEAR	PRODUCTION			Exports of U. S. production	Imports for con- sumption	CONSUMPTION	
	Total	Federally inspected	Unin- spected (esti- mated)			Total	Per capita (pounds)
All meats (excluding lard): <sup>1</sup>							
1932	16,373	10,756	5,617	208	69	16,316	130.6
1933	17,259	11,061	5,008	243	107	16,946	134.8
1934	17,266	11,621	5,635	200	120	16,983	134.1
1935	14,437	9,362	5,075	191	212	14,856	116.4
1936	16,917	11,387	5,530	174	271	16,577	129.1
1937	15,646	10,273	5,373	167	307	16,195	125.2
1938	16,359	10,927	5,432	208	257	16,479	125.8
1939	17,243	11,548	5,695	246	264	17,201	131.0
Beef: <sup>1</sup>							
1932	5,760	3,040	1,820	32	63	5,802	46.4
1933	6,402	4,541	1,861	39	104	6,430	51.1
1934	7,020	4,959	2,061	56	118	7,020	55.4
1935	6,592	4,564	2,028	53	201	6,775	53.1
1936	7,438	5,317	2,121	54	226	7,521	58.6
1937	6,769	4,699	2,070	51	227	7,078	54.8
1938	6,860	4,798	2,062	53	200	7,110	53.8
1939	6,001	4,803	2,098	52	219	7,049	53.7
Veal: <sup>1</sup>							
1932	814	454	360		(?)	814	6.5
1933	881	505	376		(?)	881	7.0
1934	1,052	643	409		(?)	1,052	8.3
1935	1,007	603	404		(?)	1,008	7.9
1936	1,078	653	425		(?)	1,078	8.4
1937	1,076	675	401		(?)	1,076	8.3
1938	962	581	381		(?)	962	7.4
1939	934	559	375		(?)	934	7.1
Lamb and mutton: <sup>1</sup>							
1932	884	682	202	1	(?)	882	7.1
1933	852	673	179	2	(?)	849	6.8
1934	799	624	175	2	(?)	796	6.3
1935	884	701	183	2	(?)	883	6.9
1936	866	680	186	2	(?)	857	6.7
1937	804	683	181	2	(?)	870	6.7
1938	901	720	181	2	(?)	898	6.9
1939	874	694	180	2	(?)	871	6.6
Pork (excluding lard): <sup>1</sup>							
1932	8,915	5,680	3,235	175	6	8,818	70.6
1933	9,124	5,932	3,192	202	3	8,786	69.9
1934	8,385	5,395	2,990	211	2	8,115	64.1
1935	5,954	3,494	2,460	136	11	6,190	48.5
1936	7,535	4,737	2,798	118	45	7,121	55.4
1937	6,937	4,216	2,721	114	80	7,171	55.5
1938	7,636	4,828	2,808	153	57	7,509	57.7
1939	8,534	5,492	3,042	192	45	8,347	63.0
Lard: <sup>1</sup>							
1932	2,351	1,573	778	576		1,786	14.3
1933	2,446	1,679	767	612		1,743	13.9
1934	2,066	1,341	725	468		1,622	12.8
1935	1,267	662	605	115		1,218	9.6
1936	1,673	992	681	137		1,443	11.2
1937	1,441	787	654	163		1,370	10.6
1938	1,750	1,076	674	234		1,462	11.2
1939	2,037	1,317	720	311		1,672	12.7

<sup>1</sup> Figures for recent years subject to revision.

<sup>2</sup> Less than 500,000 pounds.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics, and records.

No. 658.—ANIMAL PRODUCTS OF FARMS—QUANTITY AND VALUE, BY KIND: 1924, 1929, AND 1934

PRODUCT	FARMS REPORTING <sup>1</sup>		Unit of quantity	QUANTITY (THOUSANDS)			VALUE (THOUSANDS OF DOLLARS)		
	1920	1934		1924	1929	1934	1924	1929	1934
Total of specified products.....							2,345,219	3,307,325	
Dairy products <sup>2</sup> .....							1,260,778	1,818,482	
Milk produced.....	4,618,629	5,236,885	Gal.	9,108,304	11,057,023	10,066,065	(3)	(3)	(3)
Whole milk sold.....	895,431	(3)	do.	2,600,612	4,455,630	(3)	555,260	1,036,850	(3)
Cream sold.....	88,030	(3)	do.	45,736	15,846	(3)	62,059	26,130	(3)
Butterfat sold.....	1,556,487	(3)	Lb.	1,061,062	1,170,908	(3)	415,911	538,795	(3)
Butter made.....	3,038,100	3,816,340	do.	642,803	542,064	558,640	228,139	216,808	123,734
Butter sold.....	648,994	(3)	do.	(3)	135,045	(3)	(3)	56,056	(3)
Wool and mohair.....	472,917	575,187	do.	235,531	310,425	351,501	93,122	96,212	76,268
Mohair produced.....	(3)	21,594	do.	227,105	205,064	338,082	89,330	80,415	73,745
Eggs and chickens <sup>4</sup> .....			do.	8,420	14,461	12,819	4,401	6,707	2,523
Chicken eggs produced.....	(3)	5,579,109	Doz.	1,913,245	2,680,719	2,160,906	571,938	790,261	365,182
Eggs sold.....	3,872,489	(3)	do.	(3)	1,955,459	(3)	(3)	586,805	(3)
Chickens raised <sup>4</sup> .....	5,293,208	5,212,762	No.	545,848	673,002	598,867	410,381	581,110	305,714
Chickens sold.....	3,120,718	(3)	do.	(3)	284,626	(3)	(3)	262,616	(3)
Honey produced.....	323,999	(3)	Lb.	(3)	83,546	(3)	(3)	12,260	(3)

<sup>1</sup> The number of farms reporting milk produced in 1924 was 4,988,493. The number reporting other products is not available.  
<sup>2</sup> Value of milk, cream, and butterfat sold and of butter made on farms. <sup>3</sup> Not available.  
<sup>4</sup> Figures for 1924 include estimates for incomplete reports. For chickens raised and eggs produced by States, 1929 and 1934, see table 648, p. 680.  
<sup>5</sup> Data for other poultry raised in 1929 were as follows: Turkeys, 16,704,485, valued at \$47,767,826; ducks, 11,337,487, valued at \$12,211,317; and geese, 3,989,831, valued at \$3,643,746; total value, \$66,622,889.

No. 659.—MILK PRODUCTS—QUANTITY, BY KIND: 1934 TO 1939

[In thousands of pounds, except ice cream and sherbets, which are in thousands of gallons]

MANUFACTURED PRODUCT	1934	1935	1936	1937	1938	1939 (prel.)
Creamery butter <sup>1</sup> .....	1,694,708	1,632,380	1,629,407	1,623,971	1,786,172	1,761,775
Renovated or process butter.....	1,548	2,016	2,456	2,715	2,785	2,610
American cheese (whole milk).....	495,491	468,999	487,676	492,041	560,542	533,386
American cheese (part skim).....	5,550	6,504	5,614	4,794	5,825	4,022
American cheese (full skim).....	109	225	277	172	164	236
Swiss cheese (including block).....	30,449	42,622	40,078	41,504	43,084	42,257
Brick and Munster cheese.....	38,447	37,522	38,081	35,643	34,905	35,093
Limburger cheese.....	9,425	9,535	11,982	8,165	9,307	8,971
Cream and Neuchatel cheese.....	40,453	38,971	2,404,448	2,433,987	2,440,056	2,48,205
All Italian varieties of cheese.....	5,517	10,628	11,361	13,520	16,461	10,552
All other varieties of cheese.....	4,676	5,890	7,234	9,171	11,055	11,609
Cottage, pot, and bakers' cheese.....	103,195	109,579	120,050	132,355	143,315	157,116
Condensed milk (sweetened):						
Skimmed.....	122,061	135,242	157,842	150,905	167,181	153,350
Unskimmed.....	104,035	89,892	96,979	95,739	89,560	89,629
Unsweetened condensed milk (plain):						
Skimmed.....	140,913	164,372	190,404	219,378	230,143	221,040
Unskimmed.....	92,414	102,833	120,601	133,124	128,604	107,026
Evaporated milk (unsweetened):						
Unskimmed.....	1,711,570	1,838,800	2,043,750	1,902,545	2,104,198	2,170,601
Concentrated skim milk (for animal feed).....	12,532	18,003	12,554	10,060	13,253	11,686
Condensed or evaporated buttermilk <sup>2</sup> .....	65,659	70,543	89,585	87,855	89,481	104,281
Dry or powdered buttermilk.....	53,636	49,823	50,781	53,141	63,910	61,057
Dry or powdered whole milk.....	15,869	19,432	18,180	13,676	21,496	24,472
Dry or powdered skim milk.....	204,985	207,505	349,550	372,203	449,291	408,252
Dry or powdered cream.....	65	44	178	70	40	49
Dry or powdered whey.....					47,834	56,341
Dried casein (skim-milk or buttermilk product).....	37,331	37,638	46,140	67,467	48,549	40,216
Malted milk powder.....	13,569	15,485	18,496	19,785	15,394	19,790
Milk sugar (crude).....	2,529	2,415	5,175	(4)	(4)	(4)
Ice cream of all kinds <sup>3</sup> .....	179,594	199,385	243,551	280,901	281,939	303,209
Sherbets (does not include water ices) <sup>4</sup> .....	3,216	3,686	5,272	6,592	6,046	13,764

<sup>1</sup> Includes butter made from whey cream. <sup>2</sup> Including concentrated product.  
<sup>3</sup> Cream cheese only. <sup>4</sup> Series discontinued.  
<sup>5</sup> Prior to 1937, figures represent production in commercial ice-cream factories only.  
<sup>6</sup> Includes approximately 5,395,000 gallons representing production of several classes of small retailers and is, therefore, not strictly comparable with other years.  
<sup>7</sup> Includes production of small retailers, amounting to 13,442,000 gallons, part of which was not reported in 1937 and very little in earlier years.

**No. 660.—BUTTER AND CHEESE—PRODUCTION, GROSS RECEIPTS AT LEADING FIVE MARKETS, AND COLD-STORAGE HOLDINGS: 1921 TO 1940**

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,	1926-1930,	1931-1935,	1936	1937	1938	1939
	average	average	average				
<b>BUTTER</b>							
Production, creamery <sup>1</sup> .....	1,233,655	1,525,514	1,690,272	1,629,407	1,623,971	1,786,172	1,761,775
Receipts (5 markets) <sup>2</sup> .....	643,168	686,558	709,037	656,418	646,897	798,830	784,398
New York.....	238,240	259,697	269,673	244,229	232,844	302,680	264,046
Chicago.....	228,995	236,106	237,197	225,435	235,756	304,880	284,947
Philadelphia.....	68,086	83,843	89,534	75,558	69,213	74,044	71,620
Boston.....	81,413	81,764	84,084	80,701	79,495	83,113	76,671
San Francisco.....	26,431	25,648	28,550	30,405	29,589	34,395	36,245
Cold-storage holdings, Dec. 1 <sup>3</sup> ..	67,999	83,650	74,110	88,860	66,191	160,632	89,783
<b>CHEESE</b>							
Production, American.....	304,915	345,615	411,702	487,576	492,041	560,542	533,896
Receipts (5 markets) <sup>2</sup> .....	207,821	193,189	156,735	171,493	162,171	165,644	154,719
New York.....	48,127	43,730	62,029	65,887	61,303	74,391	68,498
Chicago.....	115,674	95,138	37,006	40,923	40,365	35,082	28,542
Philadelphia.....	18,920	20,406	23,738	27,703	27,255	24,638	20,457
Boston.....	14,336	15,834	18,570	21,092	17,719	13,830	13,853
San Francisco.....	10,763	13,062	14,180	15,018	15,628	17,097	17,809
Cold-storage holdings, Dec. 1: <sup>3</sup>							
American.....	50,330	69,737	80,638	98,975	93,633	109,738	90,219
All other.....	16,150	16,412	13,680	15,731	14,364	17,702	21,998

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Butter production, creamery<sup>1</sup></b>												
1937.....	107,957	102,963	121,074	131,366	181,700	198,191	171,687	147,069	128,266	118,878	103,242	111,548
1938.....	116,122	112,340	128,735	147,628	197,259	202,528	185,099	168,688	151,081	136,009	116,841	122,852
1939 <sup>4</sup> .....	129,267	123,278	141,047	145,827	194,782	200,126	180,053	165,148	132,261	121,918	111,053	117,015
1940 <sup>4</sup> .....	126,040	125,265	136,625	147,745	188,645	203,800						
<b>Butter receipts (5 markets):<sup>2</sup></b>												
1937.....	42,353	41,370	49,007	50,811	65,778	85,914	70,600	55,817	49,077	45,672	43,774	46,707
1938.....	50,252	48,343	55,887	60,869	78,992	90,433	77,740	89,250	78,843	64,457	50,495	53,289
1939 <sup>4</sup> .....	55,705	53,955	60,001	59,385	77,966	84,560	77,460	69,674	55,208	49,357	45,197	45,775
1940 <sup>4</sup> .....	53,743	51,276	54,690	62,187	68,405	77,919						
<b>Cheese production, American:</b>												
1937.....	28,515	27,765	32,262	39,061	56,268	64,454	55,706	48,324	42,701	38,875	30,209	27,401
1938.....	30,535	30,670	38,884	45,469	70,263	74,363	65,881	55,682	44,277	43,069	30,173	28,276
1939 <sup>4</sup> .....	29,361	28,000	36,085	43,328	61,711	70,254	61,890	54,437	45,719	40,408	31,444	30,550
1940 <sup>4</sup> .....	30,440	32,780	39,585	47,620	67,780	74,000						
<b>Cheese receipts (5 markets):<sup>2</sup></b>												
1937.....	11,548	11,545	11,700	11,939	11,433	17,064	17,220	17,863	15,084	14,975	10,865	10,845
1938.....	11,764	12,223	15,572	11,918	12,465	16,461	16,850	14,718	16,344	15,764	10,537	10,908
1939 <sup>4</sup> .....	10,753	11,492	11,970	11,157	14,402	14,322	13,786	14,570	16,527	15,145	10,614	9,981
1940 <sup>4</sup> .....	13,261	10,566	11,527	11,737	12,507	15,003						

<sup>1</sup> Includes whey butter, beginning 1931. <sup>2</sup> Gross weight. <sup>3</sup> Net weight. <sup>4</sup> Preliminary.

**No. 661.—BUTTER, BUTTERFAT, AND CHEESE—AVERAGE PRICES RECEIVED BY FARMERS AND WHOLESALE PRICES AT NEW YORK: 1927 TO 1940**

NOTE.—Prices in cents per pound. Local market prices represent weighted averages for the entire country. Wholesale prices are for 92-score creamery butter and No. 1 American, single daisies cheese

YEAR	BUTTER		Butterfat, local market <sup>1</sup>	Cheese (New York)	MONTH	Butter (New York)		Butterfat, local market <sup>1</sup>		Cheese (New York)	
	Local market	New York				1939	1940	1939	1940	1939	1940
	1927.....	42.7	47	43.7		26	January.....	26	32	25.2	30.0
1928.....	43.0	47	45.6	25	February.....	26	30	24.9	29.7	14	18
1929.....	43.0	45	45.2	24	March.....	24	29	22.7	28.4	14	16
1930.....	36.3	37	34.5	20	April.....	23	28	21.4	27.5	14	15
1931.....	27.3	28	24.8	15	May.....	24	28	21.5	26.9	14	15
1932.....	20.8	21	17.9	13	June.....	24	27	22.2	25.6	15	16
1933.....	20.2	22	18.8	13	July.....	24	22	22.0	15	15	15
1934.....	22.7	26	22.7	14	August.....	24	22	22.4	15	15	15
1935.....	26.7	30	28.1	17	September.....	28	24	24.7	17	17	17
1936.....	28.9	33	32.2	18	October.....	29	25	25.9	18	18	18
1937.....	29.7	34	33.2	18	November.....	30	28	28.1	18	18	18
1938.....	26.9	28	26.3	15	December.....	30	28	28.5	18	18	18
1939 (prel.).....	25.1	26	23.9	16							

<sup>1</sup> Yearly price obtained by weighting State yearly average by estimated volume sold, 1929-1936; monthly prices weighted by monthly marketings, 1928.

Source of tables 660 and 661: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Butter and cheese receipts at 4 markets and local market and wholesale prices are published currently in Crops and Markets.

No. 662.—MILK—ESTIMATED CONSUMPTION IN MANUFACTURE OF MILK PRODUCTS: 1932 TO 1938

[All figures in millions of pounds]

PRODUCT	1932	1933	1934	1935	1936	1937	1938
Total.....	44,755	46,899	46,236	45,838	47,071	47,032	51,447
Creamery butter <sup>1</sup> .....	34,046	35,431	34,018	32,665	32,047	32,474	35,685
Cheese <sup>2</sup> .....	4,833	5,460	5,826	6,237	6,446	6,484	7,250
Evaporated milk (case goods) <sup>3</sup> .....	3,377	3,604	3,677	3,047	4,385	4,065	4,490
Condensed milk (case and bulk) <sup>3</sup> .....	482	421	454	447	528	554	508
Ice cream (factory) <sup>4</sup> .....	1,840	1,751	2,103	2,343	2,875	3,317	3,310
Dry or powdered whole milk.....	91	97	121	156	137	103	162
Dry or powdered cream.....	1	3	1	1	3	2	1
Malted milk.....	35	33	36	42	50	53	41

<sup>1</sup> Does not include farm butter nor milk equivalent of whey butter.

<sup>2</sup> Excluding cottage, pot, and bakers' cheese.

<sup>3</sup> Excluding product made from skimmed milk.

<sup>4</sup> Excluding milk equivalent of butter or concentrated milk used as sources of fat in ice cream.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics.

No. 663.—OLEOMARGARINE—PRODUCTION AND MATERIALS CONSUMED: 1916 TO 1939

NOTE.—All figures in thousands of pounds. Figures for production by kind of oil used are as reported to the Agricultural Marketing Service, 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			DISTRICT OR MATERIAL	YEAR ENDED JUNE 30—			
	Total	Colored	Uncolored		1936	1937	1938	1939
1916.....	152,510	6,749	145,761	PRODUCTION				
1917.....	233,170	8,012	225,158	California.....	39,798	43,981	49,126	41,702
1918.....	326,529	6,695	319,934	Colorado.....	1,042	1,190	398	
1919.....	359,217	13,849	345,368	Georgia.....				1,590
1920.....	391,280	16,624	375,656	Illinois.....	120,993	129,531	133,924	93,090
1921.....	391,082	11,601	379,481	Indiana.....	30,003	36,549	42,223	40,616
1922.....	190,950	6,604	184,346	Kansas.....	23,845	25,148	27,830	22,948
1923.....	209,182	8,260	200,922	Maryland.....	6,655	7,940	10,708	9,809
1924.....	239,099	11,548	227,551	Michigan.....	13,119	14,626	19,572	18,738
1925.....	215,403	11,280	204,123	Minnesota.....	1,129	1,215	1,287	761
1926.....	248,047	13,181	234,866	Missouri.....	9,435	11,145	11,220	8,300
1927.....	257,157	14,602	242,555	New Jersey.....	26,116	24,210	29,857	20,537
1928.....	294,699	15,351	279,348	Ohio.....	84,094	86,285	79,733	64,543
1929.....	333,121	16,306	316,816	Oregon.....	1,459	1,869	2,384	1,427
1930.....	349,124	17,103	332,021	Texas.....	5,020	5,557	6,983	7,252
1931.....	277,773	8,847	268,926	All other.....	20		150	551
1932.....	215,342	4,636	210,706	MATERIAL				
1933.....	219,043	2,813	216,230	CONSUMED				
1934.....	243,187	2,689	240,498	Total.....	401,272	412,887	435,120	350,333
1935.....	363,821	2,005	361,816	Babassu oil.....	11,408	17,189	10,452	12,207
1936.....	371,738	2,773	368,964	Coconut oil.....	167,215	101,375	87,054	70,750
1937.....	389,264	1,967	387,297	Corn oil.....	890	1,327	1,225	564
1938.....	415,404	1,049	413,755	Cottonseed oil.....	93,917	137,018	177,583	100,224
1939.....	382,973	1,381	381,592	Derivative of glycerin.....	1,025	1,195	1,230	832
1938 (calendar year)				Milk.....	75,252	72,370	76,977	64,712
Total.....	380,093	1,528	378,567	Palm-kernel oil.....	1,062	6,089	7,594	1,244
Combined animal and vegetable oil.....	38,767	500	38,267	Peanut oil.....	3,918	3,732	3,244	2,740
Vegetable and nut oil.....	341,326	1,028	340,300	Salt.....	19,441	18,159	18,085	14,852
1939 (calendar year)				Oleo oil.....	15,181	18,039	11,739	13,025
Total.....	301,830	1,437	300,393	Oleo stearina.....	3,200	3,252	3,444	3,190
Combined animal and vegetable oil.....	34,834	302	34,492	Oleo stock.....	1,949	1,827	1,240	1,410
Vegetable and nut oil.....	266,946	1,045	265,901	Neutral lard.....	2,044	2,010	1,005	1,231
				Soybean oil.....	3,736	26,842	33,222	53,982
				Miscellaneous.....	1,094	2,263	428	304

Source: Calendar year figures, Department of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Other figures, Treasury Department, Bureau of Internal Revenue, Annual Report of the Commissioner.

No. 664.—POULTRY—AVERAGE PRICES RECEIVED BY FARMERS AND RECEIPTS AT LEADING FOUR MARKETS: 1914 TO 1940

[Prices in cents per pound; receipts in thousands of pounds]

	1914-1920, average	1921-1925, average	1926-1930, average	1931-1935, average	1936	1937	1938	1939
Chickens, local market price.....	18.2	10.8	21.1	12.7	15.8	15.9	15.0	13.4
Turkeys, local market price, Nov. 15.....	22.0	27.6	27.8	15.5	15.0	17.9	17.1	16.0
Dressed poultry, receipts, 4 markets.....		308,008	358,032	349,740	353,577	328,400	337,908	395,438
Boston.....		49,696	53,554	55,993	52,350	49,868	50,143	67,103
New York.....		155,266	194,666	203,480	212,097	206,603	209,147	232,919
Philadelphia.....		25,151	33,398	34,164	20,509	27,296	24,806	25,105
Chicago.....		77,806	76,414	56,104	59,621	44,722	53,812	80,188

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Chickens, local market price:												
1937.....	13.4	18.6	14.4	15.2	14.8	14.8	15.3	16.8	17.4	17.6	16.9	16.4
1938.....	16.7	16.0	15.9	16.2	16.1	15.7	15.0	14.2	14.3	13.6	13.6	13.6
1939.....	14.0	14.2	14.3	14.4	13.9	13.4	13.7	13.0	13.6	12.7	12.4	11.7
1940.....	12.0	12.2	12.8	12.9	13.6	13.3						
Dressed poultry, receipts, 4 markets:												
1936.....	19,620	13,741	14,168	14,483	17,929	21,706	22,329	26,007	27,030	33,551	74,439	63,584
1937.....	21,307	15,340	18,734	17,273	19,327	21,383	20,411	20,428	22,520	32,400	65,688	63,679
1938.....	16,969	12,961	11,742	13,279	18,643	21,339	22,580	23,410	26,386	35,999	71,496	83,106
1939.....	22,193	15,867	17,207	15,594	24,137	27,872	27,498	25,272	29,593	36,510	78,653	76,064
1940.....	31,819	21,601	21,247	19,024	25,221	27,482						

<sup>1</sup> Preliminary.

No. 665.—EGGS—PRICES, RECEIPTS AT LEADING MARKETS, AND STORAGE: 1931 TO 1940

[Prices in cents per dozen; receipts and storage in thousands of cases]

	1931-1935, average	1936	1937	1938	1939	1936	1937	1938	1939
Local market price.....	17	22	21	20	18				
Wholesale prices:						Receipts (5 markets)			
Western firsts, Boston.....	21	26	24	23	18	14,105	14,466	13,557	14,589
Fresh firsts, New York.....	21	25	23	23	18	1,158	1,098	1,200	1,124
U. S. extra firsts, Philadelphia.....	25	32	31	32	28	6,764	6,847	6,154	6,363
Fresh firsts, Chicago.....	20	24	22	21	18	1,245	1,221	1,141	1,149
Mediums, fresh, San Francisco.....	20	22	23	24	20	4,152	4,371	4,207	5,087
Average export value.....	24	28	27	30	26	846	929	855	866
						Cold-storage holdings (shell eggs):			
						7,335	8,718	6,411	7,021
						651	831	302	532

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Local market price:												
1936.....	23	24	18	17	18	19	20	22	25	28	32	30
1937.....	23	20	20	20	18	18	19	20	23	25	28	26
1938.....	22	16	16	16	18	18	20	21	25	27	29	28
1939.....	19	17	16	16	15	15	17	18	21	23	26	21
1940.....	18	20	15	15	15	14						
Wholesale price, fresh firsts, New York:												
1936.....	24	30	21	20	22	22	23	24	25	27	32	32
1937.....	25	23	23	23	21	21	21	21	23	24	26	25
1938.....	22	19	18	18	21	21	21	22	25	27	29	28
1939.....	19	17	17	17	16	16	16	16	19	21	24	21
1940.....	22	24	18	17	17	17						
Receipts (5 markets):												
1936.....	889	811	1,798	2,022	2,088	1,727	1,247	981	782	652	482	687
1937.....	1,076	924	1,648	2,029	2,154	1,677	1,188	941	791	671	666	701
1938.....	926	909	1,630	1,978	1,916	1,609	1,035	889	716	646	574	760
1939.....	1,041	989	1,649	2,065	2,311	1,689	1,161	967	788	619	608	803
1940.....	954	1,017	1,734	2,238	2,369	1,682						

<sup>1</sup> Preliminary.

<sup>2</sup> Western extra firsts through 1934.

Source of tables 664 and 665: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Local market prices and receipts for 4 markets are published currently in Crops and Markets.

No. 666.—ANIMAL PRODUCTS AND FISH—COLD-STORAGE HOLDINGS, BY KIND, BY MONTHS: 1936 TO 1940

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.
<b>Creamery butter:</b>												
1936	40, 117	21, 502	8, 217	5, 346	4, 997	21, 157	73, 816	103, 259	112, 106	108, 836	105, 368	88, 866
1937	61, 234	42, 734	20, 678	6, 700	6, 409	22, 904	83, 119	123, 863	134, 886	118, 697	98, 624	66, 191
1938	42, 953	31, 211	21, 167	14, 947	20, 144	55, 206	121, 467	173, 267	201, 252	210, 703	195, 263	160, 682
1939	128, 770	111, 354	92, 780	78, 909	70, 909	84, 437	131, 609	165, 183	172, 825	164, 594	128, 111	78, 703
1940	55, 402	29, 180	18, 366	8, 875	9, 504	25, 463	81, 005					
<b>American cheese:</b>												
1936	86, 537	78, 197	68, 363	62, 261	55, 756	56, 946	70, 282	80, 735	90, 471	98, 206	102, 847	98, 975
1937	65, 418	88, 091	80, 713	73, 822	70, 584	71, 603	89, 191	100, 418	106, 026	101, 178	97, 160	93, 633
1938	86, 268	80, 479	73, 815	66, 361	65, 767	79, 345	99, 676	114, 607	127, 862	121, 423	115, 351	109, 738
1939	102, 563	90, 401	77, 270	68, 812	62, 866	64, 750	81, 262	97, 448	103, 594	97, 530	93, 987	90, 219
1940	86, 805	75, 181	66, 584	61, 510	65, 175	73, 056	96, 143					
<b>All varieties of cheese:</b>												
1936	99, 572	90, 890	79, 556	73, 952	67, 776	70, 783	85, 798	97, 403	107, 542	114, 900	118, 907	114, 706
1937	110, 400	102, 112	93, 114	85, 216	83, 096	85, 008	105, 318	118, 235	122, 647	117, 610	112, 687	103, 497
1938	103, 935	93, 499	85, 656	77, 042	76, 289	91, 160	114, 788	134, 351	150, 248	140, 755	132, 326	127, 440
1939	120, 174	106, 411	91, 485	81, 655	75, 345	79, 272	98, 850	117, 598	125, 019	116, 561	114, 736	112, 217
1940	108, 241	94, 295	82, 664	74, 937	78, 706	87, 555	114, 362					
<b>Shell eggs:</b>												
1936	904	159	13	807	3, 039	5, 707	7, 058	7, 335	7, 006	5, 817	3, 788	1, 765
1937	651	469	322	1, 413	4, 406	7, 300	8, 548	8, 718	8, 390	7, 068	5, 158	2, 672
1938	831	314	281	1, 303	3, 204	5, 100	6, 265	7, 011	5, 942	4, 765	3, 244	1, 430
1939	302	136	165	1, 105	3, 357	5, 880	6, 977	6, 424	6, 598	5, 430	3, 519	1, 589
1940	532	57	81	864	3, 341	5, 980	7, 513					
<b>Frozen eggs:<sup>1</sup></b>												
1936	69, 546	59, 722	46, 367	45, 848	60, 172	94, 014	111, 725	115, 485	108, 614	96, 660	82, 029	66, 309
1937	51, 837	30, 104	34, 390	35, 074	88, 186	133, 132	164, 830	166, 876	160, 258	148, 216	133, 805	120, 929
1938	109, 210	95, 598	88, 754	96, 475	115, 874	130, 872	138, 510	135, 320	125, 018	110, 244	94, 305	78, 091
1939	62, 903	50, 345	41, 229	60, 465	88, 867	117, 900	141, 456	144, 350	135, 928	121, 471	104, 236	112, 440
1940	72, 279	56, 249	38, 070	44, 199	79, 454	123, 793	150, 366					
<b>Frozen poultry:</b>												
1936	107, 389	103, 833	85, 792	69, 404	49, 324	41, 926	43, 050	49, 220	65, 488	82, 096	104, 981	140, 391
1937	187, 887	178, 304	157, 858	120, 328	94, 888	82, 340	77, 173	70, 040	63, 733	61, 721	70, 208	108, 740
1938	123, 500	115, 105	100, 493	78, 819	60, 053	52, 049	53, 432	52, 640	54, 941	69, 942	77, 692	118, 088
1939	139, 108	133, 531	116, 229	90, 987	70, 568	66, 796	67, 470	64, 918	62, 870	63, 164	79, 228	127, 440
1940	167, 643	166, 962	144, 759	115, 442	86, 226	76, 904	82, 336					
<b>Beef:</b>												
1936	106, 210	104, 447	86, 928	79, 509	65, 011	51, 134	41, 222	42, 914	64, 255	82, 800	104, 961	152, 760
1937	193, 790	180, 016	167, 438	142, 691	111, 653	86, 168	63, 522	51, 460	44, 582	38, 740	43, 897	53, 741
1938	60, 970	59, 369	57, 023	50, 501	40, 145	33, 601	33, 730	35, 925	34, 467	36, 943	41, 218	52, 637
1939	58, 187	53, 126	46, 404	40, 970	36, 866	34, 650	33, 591	33, 456	33, 027	36, 017	49, 242	67, 672
1940	76, 974	78, 573	74, 708	72, 500	62, 020	53, 193	45, 972					
<b>Pork:</b>												
1936	326, 777	436, 042	451, 418	450, 149	457, 402	440, 618	435, 130	441, 061	420, 848	361, 008	354, 960	463, 400
1937	666, 891	738, 522	775, 688	756, 777	756, 354	693, 657	578, 424	467, 273	367, 595	282, 534	266, 414	306, 630
1938	393, 505	554, 028	582, 654	543, 947	500, 564	450, 516	417, 704	378, 081	334, 777	277, 231	251, 645	299, 142
1939	430, 104	526, 411	542, 138	523, 204	527, 213	520, 251	466, 799	454, 700	360, 932	300, 226	272, 655	332, 272
1940	469, 459	588, 601	650, 663	652, 733	611, 956	592, 575	598, 522					
<b>All meats:</b>												
1936	510	622	611	599	585	550	534	548	501	523	543	719
1937	1, 002	1, 062	1, 079	1, 028	972	835	713	678	403	367	355	413
1938	530	698	721	667	607	548	516	478	431	369	340	409
1939	564	669	659	626	629	622	601	550	462	400	383	473
1940	646	775	837	831	765	726	727					
<b>Frozen fish:<sup>1</sup></b>												
1936	64, 031	45, 129	31, 270	26, 102	34, 256	46, 230	62, 551	76, 076	84, 698	80, 145	92, 702	94, 695
1937	87, 576	69, 629	51, 658	42, 957	40, 589	48, 178	59, 330	66, 204	69, 321	72, 350	78, 102	79, 891
1938	73, 128	62, 184	45, 694	37, 307	45, 981	55, 039	66, 716	75, 882	84, 537	85, 065	93, 024	90, 711
1939	77, 088	62, 253	40, 423	29, 756	35, 295	46, 965	59, 940	72, 765	79, 383	83, 296	84, 571	92, 431
1940	78, 563	62, 622	45, 892	34, 835	33, 766	45, 473	62, 062					
<b>Lard:</b>												
1936	52, 718	75, 669	78, 725	76, 814	83, 615	99, 656	106, 774	117, 020	110, 501	101, 796	94, 748	108, 765
1937	145, 809	182, 709	202, 476	217, 227	209, 444	194, 477	185, 124	156, 950	118, 094	72, 614	39, 477	33, 060
1938	53, 603	99, 318	116, 079	121, 316	121, 890	123, 581	126, 066	123, 677	116, 620	89, 940	67, 667	74, 499
1939	107, 421	132, 078	125, 281	126, 252	129, 533	139, 336	148, 377	139, 815	110, 378	78, 794	68, 738	88, 950
1940	162, 105	202, 175	256, 640	268, 777	266, 052	283, 937	306, 774					

<sup>1</sup> Frozen eggs may be converted to cases on the basis of 35 pounds to a case.

<sup>2</sup> Holdings of frozen fish are for the 15th of each month.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics, and records.

No. 667.—MILK AND BUTTER—PRODUCTION, BY STATES: 1924 TO 1935

DIVISION AND STATE	MILK PRODUCED ON FARMS (THOUSANDS OF GALLONS)			BUTTER MADE (THOUSANDS OF POUNDS)					
	1924 <sup>1</sup>	1929	1934	On farms			In factories		
				1924	1929	1934	1925	1929	1935
United States.....	9,198,804	11,052,023	10,866,065	642,803	542,084	558,849	1,453,483	1,615,688	1,850,767
New England.....	402,765	415,804	419,284	18,196	13,703	10,991			
Maine.....	70,949	71,101	66,791	9,241	8,188	6,720	426	(3)	(3)
New Hampshire.....	38,149	40,680	42,028	2,470	1,768	1,324	(3)	(3)	(3)
Vermont.....	127,957	139,076	139,509	3,402	2,218	1,632	10,588	5,137	2,618
Massachusetts.....	86,675	85,421	86,760	1,456	818	621	2,408	1,230	3,588
Rhode Island.....	13,504	14,890	14,458	132	53	62	(3)	(3)	(3)
Connecticut.....	65,631	64,137	68,788	1,494	657	603	(3)	(3)	(3)
Middle Atlantic.....	1,264,502	1,362,227	1,346,989	53,545	33,116	25,471		21,209	30,096
New York.....	741,983	800,524	782,520	22,100	13,996	10,871	18,237	9,355	13,316
New Jersey.....	76,245	81,773	92,101	945	579	460	(3)	(4)	(4)
Pennsylvania.....	440,273	479,931	472,348	30,494	18,542	14,340	11,474	11,854	16,780
E. N. Central.....	2,614,917	2,983,768	2,812,724	87,892	54,995	56,784	446,414	438,237	468,858
Ohio.....	425,834	454,117	459,140	23,309	14,501	15,763	85,636	89,360	85,152
Indiana.....	270,963	332,183	326,446	14,172	8,754	9,817	84,969	56,608	72,041
Illinois.....	435,133	506,374	534,997	22,889	16,313	15,625	63,760	73,887	78,889
Michigan.....	424,236	449,756	440,584	20,350	12,414	12,844	71,857	61,078	73,821
Wisconsin.....	1,058,751	1,241,338	1,145,557	7,172	3,013	3,335	170,202	155,306	159,155
W. N. Central.....	2,276,079	2,919,937	2,612,130	124,119	94,491	90,889	694,199	834,724	806,736
Minnesota.....	663,038	825,441	761,130	16,825	10,246	10,750	267,561	288,630	280,270
Iowa.....	515,909	647,224	627,374	23,328	14,679	12,717	168,359	213,731	215,235
Missouri.....	273,956	369,134	331,385	25,937	20,997	21,466	62,606	86,961	87,643
North Dakota.....	199,037	227,819	180,919	14,773	13,361	12,804	32,682	38,955	42,650
South Dakota.....	172,968	231,187	143,098	10,926	9,315	7,840	26,203	40,894	35,044
Nebraska.....	197,601	292,938	275,837	15,037	13,066	12,866	83,694	106,199	78,719
Kansas.....	251,969	326,193	302,389	17,293	12,827	12,666	60,694	69,304	70,279
South Atlantic.....	567,849	644,851	678,689	108,097	105,867	112,668			13,965
Delaware.....	13,037	14,757	14,099	812	480	326	(3)	(3)	(3)
Maryland.....	74,043	87,786	87,373	5,265	3,026	3,033			1,570
Dist. of Col.....	481	504	524	5	3	1	790	133	(3)
Virginia.....	127,447	145,525	145,003	24,232	22,916	22,411	4,613	5,497	6,147
West Virginia.....	76,621	83,868	87,313	16,055	12,674	12,514	689	466	693
N. Carolina.....	108,152	119,968	138,121	25,360	26,158	30,717	1,582	2,230	2,329
S. Carolina.....	49,982	52,526	57,798	12,556	11,538	11,872	307	469	785
Georgia.....	98,822	113,640	119,071	22,277	26,691	29,640	1,950	2,158	2,219
Florida.....	19,265	26,284	29,387	1,544	1,783	2,172		1,061	242
E. S. Central.....	499,619	646,607	653,308	107,259	107,013	120,250	39,942	46,992	45,468
Kentucky.....	128,921	210,624	196,110	25,595	22,886	24,349	14,611	20,633	22,119
Tennessee.....	148,759	181,760	187,861	32,461	29,331	32,825	12,396	17,267	15,054
Alabama.....	95,365	123,549	134,424	27,705	32,964	36,872	1,339	2,164	1,528
Mississippi.....	80,567	130,644	139,911	18,498	21,832	20,204	5,596	6,938	6,767
W. S. Central.....	689,777	848,817	849,021	109,151	109,565	111,558	32,201	56,250	77,822
Arkansas.....	98,769	128,569	132,708	23,062	23,909	26,558		2,935	5,397
Louisiana.....	37,870	58,200	64,246	4,310	5,816	6,609	985	768	1,246
Oklahoma.....	177,697	249,251	242,404	25,619	21,734	22,374	16,439	27,510	41,999
Texas.....	274,541	412,708	409,573	55,351	58,016	55,817	14,777	24,997	28,680
Mountain.....	362,431	469,473	432,133	21,709	15,645	18,188	65,519	79,680	71,243
Montana.....	73,135	87,378	76,828	5,416	4,603	4,832	14,747	13,975	10,225
Idaho.....	73,505	104,667	100,989	3,662	2,460	3,120	16,468	23,571	28,437
Wyoming.....	24,318	32,879	29,528	1,760	1,350	1,605	2,194	2,804	1,993
Colorado.....	96,649	121,906	105,820	5,245	3,679	4,141	10,284	22,020	16,922
New Mexico.....	19,427	24,491	22,676	1,707	1,321	1,702	349	566	1,227
Arizona.....	18,416	24,005	24,732	761	611	795	1,828	2,613	1,999
Utah.....	40,847	65,039	52,524	2,918	1,752	1,797	8,139	11,793	8,791
Nevada.....	11,483	12,108	11,938	244	176	213	2,510	2,278	1,469
Pacific.....	622,373	761,011	756,859	12,885	7,670	12,403	127,039	131,702	127,470
Washington.....	169,846	180,104	185,807	5,090	3,196	5,664	29,470	28,695	35,747
Oregon.....	112,218	135,377	133,287	3,901	2,529	3,328	28,007	23,826	29,259
California.....	340,309	445,530	437,815	3,544	1,944	3,051	74,562	69,181	62,464

<sup>1</sup> Including estimates for incomplete reports.

<sup>2</sup> The totals include the following quantities not shown separately by States: 1925—1,035,000 pounds, reported by New Hampshire, Rhode Island, Connecticut, New Jersey, and Delaware; 1929—463,000 pounds, reported by Maine, New Hampshire, Rhode Island, Connecticut, and Delaware; 1935—474,000 pounds, reported by Maine, Connecticut, Delaware, and District of Columbia. See also footnote 3.

<sup>3</sup> Withheld to avoid disclosing, exactly or approximately, production reported by individual establishments.

<sup>4</sup> No factory production reported.

Source: Dept. of Commerce, Bur. of the Census; Agriculture Reports, 1935, Vol. III, except data for factories, which is published in reports of Biennial Census of Manufactures.



No. 668.—WOOL—PRODUCTION, IMPORTS, AND EXPORTS: 1839 TO 1939

NOTE.—All figures in thousands of pounds. Production, except census data, is estimated and is for calendar years; figures for 1909 and later years have been revised because of revised estimates for numbers of sheep, based on 1935 census data. Pulled wool is included beginning 1900 and was probably included for 1870 to 1899, though the exact basis of the estimates for these years is not known. Figures for 1839, 1849, and 1859 include only fleece. Exports and imports for 1839 are for the fiscal year ended Sept. 30; for 1849, and 1859, fiscal years ended June 30; subsequently, calendar years. Imports and foreign exports prior to 1914 and domestic exports for all years include hair of the 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		110	1911	342, 552	155, 923	( <sup>3</sup> )	3, 511
1849	52, 517	17, 869	160	47	1912	319, 380	233, 113	( <sup>3</sup> )	1, 816
1859	80, 225	24, 471	1, 707	41	1913	309, 388	151, 814	<sup>2</sup> 77	3, 860
1870	162, 000	54, 459	46	1, 066	1914	293, 621	255, 501	<sup>2</sup> 335	6, 342
1871-1880	186, 275	67, 789	158	4, 099	1915	281, 175	402, 611	<sup>2</sup> 8, 168	2, 081
1881-1890	230, 700	95, 747	325	4, 106	1916	287, 637	442, 650	3, 919	2, 128
1891-1895	300, 409	156, 736	1, 596	3, 726	1917	276, 914	416, 137	1, 827	1, 272
1896-1900	271, 835	172, 448	2, 712	5, 965	1918	295, 903	447, 426	407	452
1901-1905	298, 713	181, 649	237	3, 250	1919	313, 391	438, 782	2, 840	5, 134
1906-1910	311, 564	203, 995	140	4, 929	1920	293, 788	254, 905	8, 845	12, 393
1911-1915	309, 223	240, 993	<sup>1</sup> 2, 857	3, 522	1921	290, 223	316, 605	1, 927	1, 552
1916-1920	294, 545	399, 980	3, 568	4, 276	1922	270, 367	306, 538	453	4, 225
1921-1925	283, 058	334, 158	690	12, 779	1923	272, 668	388, 345	535	23, 557
1926-1930	764, 282	248, 762	800	6, 664	1924	282, 005	262, 655	309	27, 476
1931-1935	432, 069	134, 780	122	2, 270	1925	300, 003	336, 646	273	7, 087
1896	272, 475	159, 776	8, 483	6, 512	1926	318, 861	299, 451	292	14, 082
1897	259, 153	356, 839	1, 055	2, 184	1927	339, 504	264, 507	323	10, 710
1898	266, 721	99, 850	91	4, 592	1928	366, 720	240, 360	485	4, 435
1899	272, 191	105, 368	3, 511	13, 492	1929	382, 295	277, 214	239	2, 380
1900	288, 637	139, 908	422	3, 046	1930	414, 029	162, 482	162	1, 715
1901	302, 502	124, 964	97	3, 326	1931	442, 401	157, 800	274	1, 089
1902	316, 346	176, 293	446	3, 212	1932	418, 096	56, 310	179	3, 593
1903	287, 450	173, 594	384	3, 267	1933	438, 352	<sup>4</sup> 180, 985	19	478
1904	291, 733	186, 573	184	2, 165	1934	430, 829	<sup>4</sup> 108, 343	119	4, 163
1905	295, 488	240, 821	72	4, 278	1935	430, 667	<sup>4</sup> 200, 463	20	2, 029
1906	298, 015	196, 844	351	4, 412	1936	426, 527	<sup>4</sup> 253, 989	16	1, 271
1907	298, 295	188, 306	86	3, 109	1937	432, 809	<sup>4</sup> 322, 257	68	2, 451
1908	311, 138	142, 659	169	6, 985	1938	436, 472	<sup>4</sup> 102, 722	1, 343	2, 193
1909	351, 179	812, 131	46	1, 084	1939	441, 897	<sup>4</sup> 243, 106	170	1, 184
1910	345, 834	180, 135	2	9, 055					

<sup>1</sup> Average for fiscal years 1913 to 1915. <sup>2</sup> Exports for fiscal years ended June 30 of the year shown; calendar year data not available. <sup>3</sup> Not reported separately in 1911; no exports in 1912. <sup>4</sup> Imports for consumption beginning 1933; figures for prior years are general imports.

Source: Production, 1839, 1849, 1859, Dept. of Commerce, Bur. of the Census; Agriculture Reports, 1935, Vol. III. Other years, production, Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Imports and exports, Dept. of Commerce, Bur. of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the United States. Also published currently in Monthly Summary of Foreign Commerce of the United States.

No. 669.—WOOL—PRICES, VALUE OF IMPORTS, AND RECEIPTS AT BOSTON: 1914 TO 1939

	1914-1920 average	1921-1925 average	1926-1930 average	1931-1935 average	1936	1937	1938	1939
Prices (cents per pound):								
Average U. S. local market price, unwashed	38	32	30	17	27	32	19	<sup>1</sup> 22
Bright fleece, fine clothing, at Boston	46	45	36	23	32	36	23	27
Territory, <sup>2</sup> fine staple secured, at Boston	127	126	103	67	92	102	70	83
Value of United States imports (thous. of dollars): <sup>3</sup>								
Clothing <sup>4</sup>	140, 084	17, 137	6, 050	1, 059	2, 208	3, 894	1, 275	2, 462
Combing <sup>4</sup>	5, 901	53, 317	36, 231	4, 384	20, 443	35, 232	4, 422	15, 293
Carpet	25, 380	20, 675	34, 300	12, 997	29, 509	52, 597	15, 750	30, 425
Receipts at Boston (thous. of pounds):								
Total	424, 336	364, 125	322, 111	265, 208	318, 106	321, 251	306, 490	286, 478
Domestic	184, 380	102, 069	210, 240	229, 293	225, 354	177, 935	281, 301	233, 107
Foreign	239, 956	262, 026	111, 871	35, 915	92, 752	143, 316	25, 189	<sup>3</sup> 53, 371

<sup>1</sup> Preliminary. <sup>2</sup> Wyo., Mont., Utah, Nev., Colo., N. Mex., eastern Ore., and parts of Dakotas. <sup>3</sup> Imports for consumption beginning with 1933; general imports prior to 1933. <sup>4</sup> Owing to changes in tariff laws in 1922 much wool which was formerly brought in as "clothing" now comes in under "combing" classification. <sup>5</sup> 9-month total; not available, October-December 1939.

Sources: Prices and receipts, Department of Agriculture, Bureau of Agricultural Economics and Agricultural Marketing Service; annual report, Agricultural Statistics, and records. Imports, Department of Commerce, Bureau of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the United States. Also published currently in Monthly Summary of Foreign Commerce of the United States.

**NO. 670.—WOOL—ESTIMATED PRODUCTION AND WEIGHT PER FLEECE, BY STATES: 1932 TO 1939**

Note.—Only States with a production in 1938 or 1939 of over 2,300,000 pounds are shown separately

STATE	PRODUCTION IN THOUSANDS OF POUNDS								Average weight per fleece <sup>1</sup> (pounds) 1939
	1932	1933	1934	1935	1936	1937	1938	1939	
Shorn wool, United States total.....	360,996	374,152	370,329	364,663	360,327	366,609	371,972	377,397	8.0
New York.....	2,736	2,701	2,738	2,628	2,318	2,518	2,304	2,301	7.4
Pennsylvania.....	3,165	3,293	3,255	3,192	3,108	3,192	3,008	2,842	7.5
Ohio.....	17,536	18,450	19,338	19,986	18,800	18,450	17,753	18,063	8.1
Indiana.....	5,266	5,183	5,362	5,729	5,215	5,288	4,900	5,092	7.5
Illinois.....	5,107	6,461	5,168	5,625	5,257	5,366	5,419	5,776	7.8
Michigan.....	8,610	8,400	8,424	8,608	8,492	8,840	8,031	8,448	8.1
Wisconsin.....	3,145	2,993	2,960	3,049	3,012	3,097	2,970	2,918	7.6
Minnesota.....	6,638	6,814	7,137	7,099	7,200	8,066	7,800	7,840	8.0
Iowa.....	8,385	7,979	8,813	9,040	9,025	9,000	9,701	9,875	7.9
Missouri.....	7,229	7,733	8,196	8,899	7,989	8,673	8,636	9,387	6.8
North Dakota.....	7,036	7,056	7,056	6,856	6,582	6,132	6,137	6,403	8.7
South Dakota.....	8,768	9,200	10,080	9,217	10,248	7,947	9,055	10,287	9.0
Nebraska.....	2,314	3,191	2,730	3,029	2,776	2,493	2,456	3,157	8.0
Kansas.....	3,154	3,388	3,419	3,962	3,045	3,148	3,560	3,753	8.2
West Virginia.....	2,994	3,021	2,907	2,882	2,670	2,660	2,515	2,564	5.2
Kentucky.....	4,376	4,400	4,091	5,169	4,858	5,222	5,309	5,031	5.4
Texas.....	57,105	74,800	60,584	59,220	64,265	75,535	79,305	77,290	7.9
Montana.....	32,538	33,370	36,472	32,712	29,351	24,892	25,245	26,885	9.5
Idaho.....	16,500	17,372	18,445	18,567	17,000	18,826	17,403	16,606	9.2
Wyoming.....	31,513	29,808	33,212	30,153	29,952	30,361	31,389	32,932	9.7
Colorado.....	12,320	12,774	13,122	12,216	13,062	13,243	12,862	13,244	8.1
New Mexico.....	16,884	17,430	17,136	16,030	15,004	15,394	15,400	15,168	7.1
Arizona.....	5,220	4,988	4,980	4,779	4,536	5,050	5,040	4,856	6.3
Utah.....	18,840	19,909	20,856	19,125	19,488	19,221	19,009	19,444	8.7
Nevada.....	6,788	6,591	6,384	6,255	6,318	5,878	5,020	6,080	8.0
Washington.....	5,506	5,686	6,002	6,556	6,119	5,810	5,995	6,074	9.3
Oregon.....	18,144	18,785	19,836	19,088	17,957	17,501	17,499	16,901	8.9
California.....	24,219	24,032	21,876	26,462	20,897	25,962	28,237	29,132	7.1
Other States.....	8,371	8,344	8,300	8,859	7,083	7,929	8,149	8,398	5.0
Pulled wool <sup>2</sup> .....	67,100	64,200	60,500	66,000	66,200	66,200	64,500	64,800	-----

<sup>1</sup> In States where sheep are shorn twice a year, principally Texas and California, figures cover wool per head of sheep and lamb shorn and not weight per fleece.

<sup>2</sup> Estimated from returns of plants pulling from 80 to 90 percent of all wool.

**NO. 671.—WOOL CONSUMED IN MANUFACTURES: 1919 TO 1939**

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

YEAR	SCOURED BASIS <sup>1</sup>			GREASY SHORN BASIS <sup>2</sup>		YEAR	SCOURED BASIS <sup>1</sup>			GREASY SHORN BASIS <sup>2</sup>	
	Total	Ap- parel class <sup>3</sup>	Car- pet class	Ap- parel class <sup>3</sup>	Car- pet class		Total	Ap- parel class <sup>3</sup>	Car- pet class	Ap- parel class <sup>3</sup>	Car- pet class
1919.....	320.1	283.1	46.0	503.7	63.9	1930.....	263.2	200.7	62.5	447.9	85.6
1920.....	314.2	264.3	49.9	510.9	69.3	1931.....	311.0	237.7	73.3	545.2	103.2
1921.....	343.4	299.7	43.7	507.4	60.7	1932.....	230.1	188.5	41.6	430.8	58.6
1922.....	406.5	312.8	93.7	640.4	130.1	1933.....	317.1	246.5	71.6	672.2	100.8
1923.....	422.4	311.3	111.1	603.1	152.2	1934.....	229.6	167.0	62.1	381.4	88.7
1924.....	342.2	249.7	92.5	518.0	126.7	1935.....	417.5	319.0	98.5	748.4	141.7
1925.....	349.9	251.7	98.2	525.2	134.5	1936.....	406.1	299.8	106.3	666.4	152.5
1926.....	342.7	254.7	88.0	524.1	120.5	1937.....	380.8	274.2	106.6	579.5	152.7
1927.....	354.1	258.7	95.4	551.1	130.7	1938 (prel.).....	284.5	219.6	64.9	514.0	93.0
1928.....	333.2	232.4	100.8	511.9	138.1	1939 (prel.).....	396.5	293.1	103.4	673.8	149.0
1929.....	368.1	258.2	114.9	554.7	157.4						

<sup>1</sup> "Scoured" wool plus "greasy" wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.

<sup>2</sup> Shorn wool reported "greasy" plus pulled wool reported "greasy" raised to a greasy shorn basis, and shorn and pulled wool reported "scoured" raised to a greasy shorn basis, conversion factors varying with class, origin, grade, and whether shorn or pulled.

<sup>3</sup> Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

Sources: Table 670, Department of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published in Crops and Markets. Table 671, Department of Commerce, Bureau of the Census; annual reports.

## No. 672.—ANIMAL PRODUCTS—CHIEF CLASSES, BY QUANTITY AND VALUE, AND ANIMALS SLAUGHTERED

PRODUCT	QUANTITY (THOUSANDS OF UNIT SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)			
	Unit	1933	1935	1937	1933	1935	1937
<b>BUTTER, CHEESE, AND CONDENSED MILK</b>							
Butter, cheese, condensed milk, etc., all in industries <sup>1</sup>					550,835	743,568	884,822
Butter.....	Pound.....	1,742,366	1,050,757	1,050,905	357,911	463,971	542,926
Cheese other than Neuchâtel, cottage, pot, and bakers'	.....do.....	470,547	638,182	636,892	53,532	95,333	106,843
Cheese, cottage, pot, Neuchâtel, and bakers'	.....do.....	91,387	118,264	139,751	5,415	7,615	10,693
Condensed milk, sweetened	.....do.....	274,676	256,943	250,769	14,616	14,865	16,160
Condensed and evaporated milk, unsweetened	.....do.....	1,831,584	2,121,969	2,270,950	89,113	117,722	137,261
Condensed and evaporated buttermilk	.....do.....	61,624	64,969	93,486	920	1,028	1,775
Concentrated skim milk for stock feed	.....do.....	22,021	24,617	18,708	400	602	370
Powdered milk, cream, etc.	.....do.....	342,759	388,234	513,831	16,790	21,828	31,153
Sugar of milk	.....do.....	4,657	6,876	8,104	436	520	844
Ice-cream mix	.....do.....	108,138	190,305	309,675	8,848	15,018	23,740
Dried and wet casein	.....do.....	31,524	48,977	77,172	2,559	4,273	8,359
Whey products	.....do.....				288	725	1,498
<b>MEAT PACKING, WHOLESALE<sup>2,3</sup></b>							
<b>Animals slaughtered:</b>							
Cattle.....	Number	9,308	11,823	12,379			
Calves.....	do	5,504	6,751	7,588			
Sheep and lambs.....	do	20,445	10,681	19,725			
Hogs.....	do	49,425	31,790	37,120			
Other animals.....	do	35	42	35			
All products, total value.....					2,180,323	2,362,369	2,787,358
Fresh meat.....	Pound.....	9,888,653	8,807,523	9,956,376	1,177,080	1,147,870	1,418,730
Cured meat.....	do	4,552,908	4,746,612	5,235,564	543,565	575,341	710,531
Veal.....	do	530,366	661,616	778,777	67,049	80,191	105,086
Mutton and lamb.....	do	771,578	766,667	776,211	116,747	113,008	128,270
Pork.....	do	3,467,078	2,065,469	2,519,147	403,901	328,618	415,526
Other, including edible organs, etc.	do	566,723	567,158	647,677	45,218	50,712	59,316
Cured meat.....	do	3,234,910	2,139,461	2,888,831	401,021	440,900	503,881
Pork.....	do	71,346	63,637	71,426	13,235	11,901	15,019
Cooked hams <sup>4</sup> .....	do	3,026,928	1,968,107	2,183,101	410,534	393,507	442,428
Canned meat, except sausage	.....do.....	136,636	108,317	134,215	37,252	35,581	40,435
Canned sausage.....	do	91,408	182,632	240,767	21,180	34,958	<sup>5</sup> 48,183
Sausage (not canned), meat puddings, headcheese, etc. <sup>6</sup>	do	13,455	19,146	26,604	2,450	4,555	5,715
Sausage casings <sup>7</sup> .....	do	795,204	825,408	988,969	125,320	140,420	174,935
Lard.....	do				8,967	13,560	16,144
Oleo oil and stock.....	do	1,749,798	915,646	1,034,928	149,492	128,815	126,331
Fertilizer materials.....	Ton.....	99,192	73,911	77,837	6,690	7,652	8,479
Cattle hides.....	Pound.....	115	87	35	2,883	2,315	1,306
Sheep and lamb pelts.....	Number	512,600	573,439	629,271	37,688	52,733	81,777
Other hides and skins.....	do	67,306	74,268	80,516	7,093	10,463	16,289
Picked sheep and lamb skins.....	do	14,889	13,778	14,932	8,391	14,605	26,074
Wool <sup>7</sup> .....	do	181	186	166	174	232	180
Wool.....	do	23,371	29,109	31,127	1,002	3,379	6,570
All other products.....	do	43,930	41,727	40,400	12,547	15,919	23,396
					158,347	343,891	330,370

<sup>1</sup> Includes, besides production in the butter, cheese, and condensed-milk industries, data for similar products made in establishments classified in other industries.

<sup>2</sup> Data relate to the Meat-Packing industry only.

<sup>3</sup> Comparable data are not available for 1933; see third paragraph of general note, p. 802.

<sup>4</sup> In 1931, 20,208,000 pounds of cooked hams valued at \$7,356,000; in 1935, 105,676,000 pounds valued at \$26,816,000, and in 1937, 78,921,000 pounds valued at \$23,053,000 were produced in other industries.

<sup>5</sup> Not including canned meat produced in the Food Preparations Not Elsewhere Classified industry, valued at \$3,913,000.

<sup>6</sup> Production in the Sausage, Meat Puddings, Headcheese, Etc., and Sausage Casings industry and other industries was as follows: For 1931, sausage (not canned), meat puddings, etc., 421,670,000 pounds valued at \$66,757,000, and sausage casings valued at \$4,538,000; for 1935, sausage, etc., 508,497,000 pounds valued at \$83,035,000, and sausage casings valued at \$9,827,000 and, furthermore, sausage and sausage casings were reported in combination to the value of \$6,239,000; for 1937, sausage, etc., 603,524,000 pounds valued at \$110,199,000, and sausage casings valued at \$11,071,000.

<sup>7</sup> Wool detached from sheep pelts in meat-packing establishments.

Source: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.

## 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 545). Any exceptions are noted. For weights of the units of measurement for the principal products, see Appendix, p. 92]

### No. 673.—CROP PRODUCTION—INDEXES FOR IMPORTANT CROPS: 1919 TO 1939

PRODUCTION AS PERCENT OF 1923-32 (PRE-DROUGHT) AVERAGE <sup>1</sup>						PRODUCTION AS PERCENT OF 1923-32 (PRE-DROUGHT) AVERAGE <sup>1</sup>							
YEAR	22 field crops <sup>2</sup>		18 vegetables		13 fruits <sup>3</sup>	53 crops	YEAR	22 field crops <sup>2</sup>		18 vegetables		13 fruits <sup>3</sup>	53 crops
	8 for processing <sup>4</sup>	17 for market <sup>5</sup>	8 for processing <sup>4</sup>	17 for market <sup>5</sup>				8 for processing <sup>4</sup>	17 for market <sup>5</sup>				
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent	Percent	
1919	98.3	79.4	50.2	74.7	95.0	1930	94.1	131.6	116.7	108.7	96.1		
1920	107.7	75.0	50.2	80.0	104.9	1931	103.9	91.3	115.6	116.8	105.1		
1921	91.8	50.0	58.2	57.3	88.0	1932	101.0	73.3	118.8	100.9	101.8		
1922	98.4	80.7	51.8	95.8	95.6	1933	87.1	79.8	107.7	98.2	88.4		
1923	96.9	95.8	68.4	97.2	95.1	1934	67.0	98.5	125.0	102.8	71.5		
1924	96.5	82.5	88.3	88.3	95.5	1935	67.5	120.7	120.3	112.4	95.0		
1925	100.8	128.8	88.4	88.1	99.7	1936	75.9	124.5	127.5	98.7	79.4		
1926	100.8	96.8	92.3	115.1	101.7	1937	109.8	146.3	130.0	138.5	112.8		
1927	101.1	85.6	101.9	83.9	99.7	1938	102.2	141.1	138.9	125.9	105.3		
1928	104.4	95.1	101.2	114.5	105.1	1939	99.5	120.2	143.9	137.4	103.7		
1929	99.7	117.3	114.2	86.6	99.2								

<sup>1</sup> Relative production as indicated by multiplying the production of the crops of each year by the 1927-32 average prices and dividing the aggregate for each year by the average aggregate for the same crops during the 1923-32 (predrought) period.

<sup>2</sup> Corn, oats, barley, grain sorghums, wheat, rye, buckwheat, rice, flaxseed, cotton, tame hay, wild hay, sweet sorghums for forage and hay, dry edible beans, soybeans for beans, peanuts, potatoes, sweetpotatoes, tobacco, sorgo sirup, sugarcane, and sugar beets.

<sup>3</sup> Apples (commercial only), peaches, pears, grapes, plums, prunes (fresh basis), oranges, grapefruit, lemons, apricots, strawberries, raspberries, and olives.

<sup>4</sup> Asparagus, snap beans, cabbage, sweet corn, cucumbers, peas, spinach, and tomatoes.

<sup>5</sup> Asparagus, snap beans, cabbage, cantaloups, carrots, cauliflower, celery, cucumbers, lettuce, onions, peas, spinach, tomatoes, watermelons, beets, eggplant, and peppers. Production of farm gardens, home gardens, and most of market gardens excluded.

### No. 674.—ACREAGE LOSSES—ESTIMATED ACREAGES OF CERTAIN CROPS PLANTED AND NOT HARVESTED: 1919 TO 1939

NOTE.—Acreage in thousands. Figures do not show total crop losses chiefly because of large acreage of hay land which produced only pasturage in some dry seasons and because of incomplete estimates on losses of sorghums, rye, and other crops. Acreage excludes incidental abandonment resulting from hail, local overflow, poor soil, neglect, etc. Small grains harvested as hay, and corn which was salvaged as fodder or silage or by hogging or grazing, are included in harvested acreage.

YEAR	Total, except potatoes	Corn, all	Winter wheat <sup>1</sup>	Spring wheat, all	Oats	Barley	Flaxseed	Sugar beets <sup>2</sup>	Cotton <sup>3</sup>	Beans, dry, edible	Potatoes
1919			987	2,753			307	198	1,667	44	
1920			5,096	523			98	100	1,464	42	
1921			2,319	796			37	67	1,038	40	
1922			5,768				12	76	815	98	
1923			6,096	804			30	75	1,450	48	
1924	5,286	460	3,220	23	53	107	35	120	1,189	79	
1925	11,522	82	8,958	337	51	134	78	133	1,582	167	
1926	8,110	208	3,007	1,089	1,089	879	187	69	1,231	360	
1927	7,709	103	5,939	94	180	48	50	35	1,129	125	
1928	13,865	63	11,578	348	114	93	91	64	1,303	221	
1929	6,087	93	2,773	735	295	501	84	1,216	76	22.3	
1930	7,068	948	3,903	673	234	260	84	1,080	104	40.3	
1931	15,072	1,567	2,199	6,778	1,413	1,844	1,293	47	408	185	49.1
1932	12,445	1,484	7,315	759	814	820	703	48	603	190	64.3
1933	40,516	2,564	14,173	4,874	3,845	3,707	471	175	994	164	55.3
1934	43,362	7,462	9,947	10,215	3,636	4,823	558	46	554	527	102.0
1935	23,289	2,868	13,692	4,316	859	766	206	46	694	219	51.4
1936	44,630	7,370	12,078	12,782	5,747	3,749	1,422	70	872	321	128.2
1937	24,057	2,601	10,678	5,972	2,039	1,611	412	61	467	216	42.3
1938	14,308	1,407	6,753	2,943	1,250	832	131	60	770	102	56.3
1939 <sup>4</sup>	18,613	2,608	8,502	1,638	2,442	1,046	186	78	878	190	37.1

<sup>1</sup> Acres sown the preceding fall and not harvested, thus including considerable land subsequently planted to other crops.

<sup>2</sup> Acreage omitted for some early spring abandonment.

<sup>3</sup> Acreage losses prior to June 25 excluded from 1920 to 1926 and prior to July 1 thereafter.

<sup>4</sup> Includes more than 10,000,000 acres plowed under.

<sup>5</sup> Preliminary.

Source of tables 673 and 674: Department of Agriculture, Agricultural Marketing Service; published in December issue of Crops and Markets.

NOTE.—Leaders indicate that data are not available. Tons are of 2,000 pounds

CROP	ACREAGE (THOUSANDS)				PRODUCTION IN THOUSANDS OF UNITS INDICATED				VALUE IN THOUSANDS OF DOLLARS			
	1909	1919	1929	1934	Unit	1909	1919	1929	1934	1919	1929	1934
<b>All crops</b> .....	<b>311, 195</b>	<b>1 343, 549</b>	<b>1 361, 945</b>	<b>1 298, 642</b>						<b>14, 754, 978</b>	<b>8, 077, 812</b>	
<b>Cereals</b> .....	<b>191, 470</b>	<b>219, 138</b>	<b>202, 218</b>	<b>141, 234</b>	Bushel	<b>4, 513, 398</b>	<b>4, 692, 784</b>	<b>4, 390, 013</b>	<b>2, 344, 696</b>	<b>6, 943, 836</b>	<b>3, 170, 692</b>	<b>1, 764, 071</b>
Corn harvested for grain.....	98, 333	87, 772	83, 161	62, 247	do.	2, 552, 190	2, 345, 833	2, 130, 752	1, 169, 438	3, 507, 797	1, 635, 910	962, 549
Wheat.....	44, 263	73, 099	62, 000	41, 943	do.	683, 379	945, 403	800, 649	513, 213	2, 074, 079	838, 506	440, 603
Oats threshed for grain.....	35, 159	37, 991	33, 466	24, 589	do.	1, 007, 143	1, 055, 183	992, 747	453, 780	855, 256	410, 167	215, 907
Barley.....	7, 699	6, 473	12, 891	5, 193	do.	173, 344	122, 025	263, 590	110, 042	160, 427	140, 982	74, 071
Rye.....	2, 196	7, 679	3, 033	1, 914	do.	29, 520	75, 992	34, 303	16, 234	116, 538	29, 343	11, 782
Buckwheat.....	878	743	622		do.	14, 849	12, 690	8, 359		19, 715	8, 023	
Broom and spelt.....	574	167	344		do.	12, 703	2, 608	6, 233		3, 700	2, 726	
Sorghums harvested for grain <sup>1</sup> .....	1, 708	3, 726	3, 522	2, 370	do.	18, 431	73, 684	49, 080	18, 599	92, 524	32, 640	17, 360
Rice (rough).....	610		741	706	do.	21, 839	35, 331	38, 469	32, 958	97, 195	32, 933	25, 530
Mixed grains.....		577	2, 438	1, 272	do.		14, 065	70, 831	25, 432	16, 605	39, 462	16, 269
<b>Other grains and seeds</b> .....	<b>5, 094</b>	<b>4, 598</b>	<b>13, 318</b>							<b>273, 765</b>	<b>234, 194</b>	
Dry edible beans.....	803	1, 162	1, 746	1, 488	Bushel	11, 251	14, 079	20, 854	18, 697	61, 795	77, 098	39, 419
Soybeans.....	2	113	1, 962	5, 692	do.	17	1, 085	8, 661	23, 015	4, 450	14, 446	23, 210
Cowpeas.....			4, 775	4, 711	do.			3, 274	6, 162		7, 366	9, 103
Other dry peas.....	1, 305	866	4, 256		do.	7, 129	5, 743	3, 281		20, 791	7, 444	
Peanuts.....	870	1, 125	1, 559	2, 016	do.	19, 416	27, 450	36, 588	44, 260	62, 752	28, 433	38, 593
Flaxseed.....	2, 083	1, 261	2, 966	998	do.	19, 513	6, 653	15, 046	5, 598	29, 361	43, 105	9, 531
All clover seed.....			2, 518		do.	1, 026		4, 042		55, 417	31, 137	
Alfalfa seed.....			525		do.	989		2, 044			11, 314	
Timothy seed.....			454		do.	2, 879	2, 587	1, 396		13, 674	2, 788	
Millet seed.....			34		do.	588	1, 311	449		3, 683	424	
Other grass seed.....			346		do.	1, 915	1, 909	1, 831		8, 070	2, 881	
Miscellaneous grains and seeds.....	21	70	178		do.					13, 772	7, 758	
<b>Hay and sorghums for forage</b> .....		<b>5 77, 527</b>	<b>72, 184</b>	<b>76, 534</b>	<b>Ton</b>		<b>5 98, 269</b>	<b>91, 680</b>	<b>69, 537</b>	<b>2, 066, 003</b>	<b>1, 043, 180</b>	<b>935, 495</b>
Hay.....	68, 227	72, 780	67, 828	68, 625	do.	87, 216	90, 356	85, 281	62, 084	1, 953, 149	988, 437	862, 064
Sorghums for forage (silage, hay, fodder).....		4, 747	4, 356	7, 909	do.		7, 913	6, 399	7, 453	112, 854	54, 743	73, 431
Corn cut for silage and root crops for forage.....	4, 175	4, 092	4, 020		do.	10, 539	30, 281	29, 344		250, 112	143, 026	
Corn cut for fodder.....		14, 503	6, 264		do.		17, 794			206, 935		
<b>Vegetables</b> .....	<b>7, 073</b>	<b>5, 479</b>	<b>6, 408</b>							<b>1, 298, 721</b>	<b>1, 004, 568</b>	
Potatoes (Irish or white).....	3, 669	3, 252	2, 944	3, 582	Bushel	389, 195	290, 428	322, 416	403, 420	689, 441	414, 833	192, 469
Sweetpotatoes and yams.....	641	803	650	967	do.	59, 232	78, 092	65, 193	77, 983	124, 844	67, 725	63, 067
Other vegetables.....	2, 763	1, 424	2, 812	3, 774						534, 486	522, 010	
<b>Sugar crops</b> .....										<b>182, 439</b>	<b>86, 903</b>	
Sugar cane <sup>2</sup> .....	477	373	291	414	Ton	6, 240	3, 545	( <sup>3</sup> )	4, 839	59, 500	23, 333	19, 190
Sorghums grown for sirup.....	326	482	136		Gal.	16, 532	21, 523	8, 294		24, 506	7, 341	
Sugar beets for sugar.....	360	636	644	747	Ton	3, 902	5, 993	7, 135	7, 319	66, 052	51, 037	37, 105
Maple sirup and sugar.....										12, 381	5, 192	

Other crops	33,730	35,977	53,058	1,237	Pound	1,055,765	1,371,504	1,456,510	1,021,449	2,890,188	1,739,543	
Tobacco	1,295	1,861	1,883	26,754						443,705	265,887	216,672
Cotton including cottonseed	32,044	33,740	43,228							2,355,169	1,458,435	
Lint cotton										2,007,430	1,248,663	601,799
Cottonseed (estimated)										347,739	209,772	
Broom corn	326	338	312			10,649	11,376	14,574	9,472	7,945	5,676	
Hops	45	16	23			5,325	5,328	6,915		10,365	3,749	
Miscellaneous crops	20	22	7,607	33,546		78,960	113,031	95,196		2,984	5,796	
						40,719	19,761	31,237				
Small fruits	272	249	387			426,588	324,989	475,071		61,732	63,811	
Strawberries	143	120	243	227		255,702	176,932	330,872	253,719	36,004	43,167	22,717
Raspberries	49	50	57			60,918	49,210	53,730		11,595	9,897	
Loganberries		4	4				12,123	8,292		1,790	681	
Blackberries and dewberries	49	46	44			55,344	39,945	38,583		7,118	4,261	
Cranberries	18	17	12			38,243	35,260	30,393		3,198	3,783	
Currants	8	7	3			10,449	7,615	4,689		1,422	644	
Other berries	5	5	24			5,910	3,904	8,512		604	1,278	
Orchard fruits										433,910	299,050	
Apples					Bushel	145,412	136,561	126,433	124,237	241,574	158,947	113,282
Peaches					do	35,470	50,686	42,827	44,748	95,570	54,890	36,340
Pears					do	8,841	14,204	18,500	25,629	26,440	30,196	18,744
Plums and prunes					do	15,480	19,084	20,038	23,297	40,984	18,646	19,853
Cherries					do	4,126	3,946	4,067	5,442	14,166	17,004	9,779
Figs					Pound	35,060	26,877	133,645		2,812	6,628	
Apricots					Bushel	4,180	6,130	7,100		12,223	12,524	
All other					do	494	71	145		141	215	
Grapes					Pound	2,265,065	2,516,840	3,883,397	3,730,286	95,586	56,169	38,115
Subtropical fruits										112,057	217,447	
Oranges <sup>1</sup>					Box	19,487	27,833	53,731	70,482	83,663	148,473	113,738
Lemons					do	2,770	6,585	9,338		19,102	43,219	
Grapefruit (pomeloes)					do	1,189	3,656	8,722	19,495	7,177	22,732	19,693
All other										2,115	3,023	
Nuts										26,714	19,230	
Pecans					Pound	9,891	31,809	26,151		7,792	4,404	
Walnuts (Persian or English)					do	22,027	59,840	78,160		17,916	12,489	
Almonds					do	6,794	15,853	9,403		3,963	2,257	
Coconuts					Number	17	613	1		43	( <sup>13</sup> )	
All other					Pound	23,617		699			80	

<sup>1</sup> 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.

<sup>2</sup> Including land in fruit orchards, vineyards, and planted nut trees (6,086,176 acres in 1929 and 6,220,679 acres in 1934) which was not reported in 1919; excluding acreage of annual legumes sowed for hay (3,067,710 acres in 1929 and 9,500,946 acres in 1934) which is practically all duplicated in the acreage shown for the various individual annual legumes grown alone.

<sup>3</sup> Published as "Kafir and milo" prior to 1929; figures include sorghum seed.

<sup>4</sup> Acreage grown alone. Not all harvested for grain or seed as acreage also includes that for hay and that which was grazed. Some grain or seed harvested from acreage grown with other crops. <sup>5</sup> Does not include sorghum for silage. <sup>6</sup> Silage and miscellaneous forage crops. <sup>7</sup> The acreage for 1909 and the values for 1919 and 1929 represent farm gardens and vegetables harvested for sale. The acreage for 1919, 1929, and 1934 represents vegetables harvested for sale only.

<sup>8</sup> Prior to 1929, nominally sugar cane either for sugar or sirup or both. Acreage includes sugar cane for seed and other purposes not specified where specific reports were available.

<sup>9</sup> The production for sugar or sale to mills was 2,992,000 tons and the production of sirup was 15,169,000 gallons.

<sup>10</sup> Running bales. <sup>11</sup> Not comparable with earlier years. <sup>12</sup> Including tangerines in 1919 and tangerines, mandarins, etc., in 1929. <sup>13</sup> Less than \$500.

Source: Department of Commerce, Bureau of the Census; Agriculture Reports, 1935, Vol. III.

No. 676.—AGRICULTURAL COMMODITIES—PRODUCTION, BY CHIEF KINDS: 1800 to 1939

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 1,000 bushels	Wheat 1,000 bushels	Rice <sup>1</sup> (in terms of cleaned) 1,000 pounds	SUGAR		COTTON <sup>2</sup>		Tobacco 1,000 pounds
				Beet (chiefly refined) 1,000 pounds	Cane (chiefly raw) 1,000 pounds	Running bales <sup>3</sup> Thousands	500-pound bales <sup>4</sup> Thousands	
1800			81,252			1,026	732	
1810			78,805			286	178	
1820			63,292			676	835	
1830			81,352			1,026	732	
1840	877,532	84,823	84,253		120,861	1,635	1,348	219,163
1850	592,071	100,486	102,776		247,577	2,464	2,136	190,753
1860	838,793	173,105	100,279		274,726	3,849	3,841	434,209
1870	1,124,775	254,429	54,889	7,896	178,304	4,352	4,025	345,405
1875	1,450,276	313,728	88,861	7,224	172,480	4,631	4,302	609,455
1880	1,706,673	502,267	111,869	7,120	285,302	6,006	6,357	499,395
1885	2,057,807	399,931	150,196	1,344	302,754	6,576	6,369	610,500
1890	1,650,440	449,042	136,800	7,748	497,170	8,653	8,502	647,535
1895	2,534,762	542,119	206,250	65,452	543,630	7,162	7,147	745,000
1898	2,671,048	522,993	144,472	84,080	644,176	8,533	8,510	790,035
1897	2,287,628	608,202	190,359	90,492	708,252	10,899	10,899	703,275
1898	2,351,323	768,148	230,067	72,736	568,788	11,278	11,526	909,000
1899	2,645,706	655,143	248,722	163,458	322,548	9,393	9,346	870,250
1900	2,061,978	599,315	272,028	172,104	623,772	10,102	10,124	851,980
1901	1,715,762	732,646	351,972	369,212	728,660	9,688	9,508	885,550
1902	2,778,954	686,959	403,778	436,812	745,806	10,588	10,630	959,505
1903	2,515,093	653,116	330,222	481,208	556,140	9,820	9,851	976,375
1904	2,080,624	655,871	533,778	484,226	820,990	13,451	13,438	866,505
1905	2,954,148	706,026	445,500	625,842	781,204	10,495	10,676	938,865
1906	3,032,910	740,509	408,750	967,224	544,320	12,983	13,274	972,510
1907	2,613,797	628,794	570,417	927,256	788,480	11,058	11,106	885,620
1908	2,560,742	642,818	622,130	851,768	828,800	13,086	13,241	835,645
1909	2,611,187	683,927	655,167	1,024,338	863,452	10,073	10,005	1,053,818
1910	2,852,704	628,972	686,972	1,020,344	670,080	11,608	11,609	1,142,320
1911	2,474,935	618,166	629,500	1,199,000	721,748	16,553	15,694	940,935
1912	2,947,842	730,011	658,333	1,385,112	825,146	13,480	13,703	1,117,415
1913	2,272,540	751,101	672,500	1,466,302	601,076	13,983	14,153	991,606
1914	2,523,760	897,487	652,167	1,444,108	493,240	16,036	16,112	1,036,745
1915	2,829,044	1,008,637	725,104	1,748,440	277,240	11,068	11,172	1,167,426
1916	2,425,206	634,572	1,098,444	1,641,314	621,800	11,364	11,448	1,206,785
1917	2,908,242	619,790	904,278	1,530,414	491,680	11,248	11,284	1,325,530
1918	2,441,249	904,130	1,111,056	1,521,900	508,800	11,906	12,018	1,444,505
1919	2,678,541	952,097	1,191,972	1,452,902	250,000	11,826	11,411	1,444,206
1920	3,070,604	843,277	1,434,667	2,178,000	360,000	13,271	13,429	1,509,212
1921	2,928,442	818,964	1,080,944	2,040,000	668,000	7,978	7,945	1,004,928
1922	2,707,806	846,640	1,157,306	1,850,000	604,000	9,729	9,755	1,254,304
1923	2,875,262	759,482	923,278	1,762,000	396,000	10,171	10,140	1,517,583
1924	2,293,123	841,617	906,750	2,180,000	180,000	13,639	13,630	1,244,928
1925	2,798,367	668,700	917,667	1,826,000	284,000	16,123	16,105	1,376,008
1926	2,546,972	832,213	1,167,351	1,784,000	96,000	17,755	17,978	1,289,272
1927	2,616,120	875,059	1,236,028	2,180,000	144,000	12,783	12,956	1,211,311
1928	2,665,510	914,373	1,217,611	2,122,000	272,000	14,267	14,477	1,373,214
1929	2,521,032	823,217	1,098,167	2,036,000	436,000	14,548	14,825	1,532,625
1930	2,080,421	886,470	1,248,028	2,416,000	430,000	13,750	13,932	1,584,229
1931	2,575,611	941,674	1,239,250	2,312,000	368,000	16,629	17,097	1,646,487
1932	2,931,281	756,927	1,156,083	2,714,000	530,000	12,610	13,003	1,071,317
1933	2,399,632	551,683	1,045,861	3,284,000	500,000	12,064	13,047	1,317,131
1934	1,461,123	626,393	1,084,939	2,320,000	534,000	9,472	9,636	1,081,620
1935	2,303,747	626,344	1,005,889	2,370,000	766,000	10,420	10,638	1,287,155
1936	1,507,089	626,766	1,383,889	2,608,000	874,000	12,141	12,399	1,156,328
1937	2,651,284	875,676	1,482,556	2,576,000	924,000	18,262	18,946	1,562,886
1938	2,562,197	931,702	1,458,500	3,370,000	1,166,000	11,623	11,943	1,375,823
1939	2,619,137	754,971	1,452,944	3,282,000	1,014,000	11,481	11,817	1,848,624

<sup>1</sup> Figures for 1800 to 1903 represent commercial movement, as given by Dan Talmage's Sons Co.  
<sup>2</sup> Figures for the years 1810 to 1865 include linters; excluded in subsequent years.  
<sup>3</sup> Beginning 1899, ginnings as reported by Bureau of the Census. Figures for some years include small amounts of Lower California, Mexico, cotton ginned in United States. Round bales counted as half bales.  
<sup>4</sup> Gross weight. Figures prior to 1899 compiled by Bureau of the Census from data published by Department of Agriculture. See also note 9, table 677, p. 701.  
<sup>5</sup> Exports.  
<sup>6</sup> Census figures for the previous year.  
<sup>7</sup> Figures shown for 1870, 1875, and 1880 represent the estimated average production for 1863-71, 1874-77, and 1880-82, respectively.  
<sup>8</sup> Louisiana and Texas, 1900 to 1923; Louisiana only, 1924 to 1927; Louisiana and Florida, beginning 1928.  
<sup>9</sup> All figures except cotton and sugar production are preliminary.  
 Source: Dept. of Agriculture, Agricultural Marketing Service and Bureau of Agricultural Economics, except as noted; annual report, Agricultural Statistics. Also published currently in Crops and Markets.





NO. 677.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1939—Continued

YEARLY AVERAGE OR YEAR	Acres harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acres harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
	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
1860-1875	1,302	28,246	26,882	21.7	95.2	765	10,425	9,085	13.6	87.1
1876-1885	2,236	50,303	31,000	22.5	61.6	816	10,442	6,849	12.8	65.6
1886-1895	3,513	82,767	39,376	23.6	47.6	812	11,256	6,165	13.9	54.8
1896-1900	4,308	102,595	37,485	23.8	36.5	814	12,040	5,927	15.5	46.9
1901-1905	5,981	151,417	65,069	25.3	43.0	819	14,888	8,854	18.2	59.5
1906-1910	7,250	163,200	90,978	22.5	55.7	841	14,601	10,126	17.4	69.4
1911-1915	7,552	177,102	101,801	23.5	57.2	778	12,927	9,837	16.6	76.1
1916-1920	7,858	173,712	174,766	22.1	100.6	838	12,642	18,907	15.1	150.0
1921-1925	7,210	160,478	98,607	22.3	58.3	707	12,052	11,283	17.0	93.6
1926-1930	11,248	262,716	143,944	23.4	54.8	664	9,913	8,731	14.9	88.1
1931-1935	10,596	219,785	77,227	19.9	36.6	480	8,164	4,186	17.0	51.3
1924	7,038	165,318	122,690	23.5	74.2	737	12,508	13,433	17.0	107.4
1925	8,180	192,466	118,191	23.5	61.4	742	12,559	10,950	16.9	87.2
1926	7,917	166,030	96,071	21.0	57.9	679	10,976	9,565	16.2	87.1
1927	9,465	239,071	164,775	25.3	68.9	704	12,820	11,137	16.8	86.9
1928	12,735	323,351	186,485	25.8	66.8	679	10,117	9,095	14.9	89.9
1929	13,526	279,924	150,782	20.7	53.9	627	8,692	8,367	13.9	90.3
1930	12,595	300,205	121,609	23.8	40.5	573	6,960	5,493	12.1	78.9
1931	11,180	199,391	65,306	17.8	32.8	505	8,890	3,704	17.6	42.3
1932	13,178	293,313	65,960	22.6	22.1	454	6,727	2,918	14.8	43.4
1933	9,687	183,787	66,879	15.9	43.5	462	7,844	4,380	17.0	55.8
1934	6,553	116,680	79,994	17.8	68.6	477	9,026	5,285	18.9	58.6
1935	12,371	285,774	107,997	23.1	37.8	503	8,332	4,583	16.6	85.0
1936	8,372	147,475	115,681	17.6	78.4	375	6,285	5,357	16.8	56.2
1937	9,968	220,327	119,079	22.1	54.0	426	6,704	4,525	15.9	66.9
1938	10,513	253,005	92,609	24.1	36.6	451	6,664	3,619	14.8	54.4
1939 (prel.)	12,600	276,298	111,159	21.9	40.2	370	5,739	3,601	15.1	62.7
	Rice, rough					Flaxseed				
1900-1910	508	21,848	17,522	36.5	80.2	2,384	20,590	25,647	8.6	124.6
1911-1915	677	24,031	21,320	35.5	88.7	2,041	17,197	25,443	8.4	148.0
1916-1920	1,056	41,763	70,670	39.6	169.0	1,580	10,136	30,897	6.4	304.8
1921-1925	922	35,071	41,008	39.0	114.3	2,166	17,749	37,807	8.2	213.0
1926-1930	968	42,064	40,513	44.4	94.2	2,988	20,084	40,670	6.7	202.0
1931-1935	853	40,476	25,928	47.4	64.1	1,770	10,070	13,061	5.7	129.7
1924	836	32,643	43,934	39.0	134.6	3,535	31,220	68,019	8.8	217.9
1925	853	33,036	49,017	38.7	148.4	3,022	22,334	60,575	7.4	226.4
1926	1,016	42,025	47,513	41.4	113.1	2,736	18,531	37,653	6.8	203.2
1927	1,027	44,497	40,413	43.3	90.8	2,763	25,174	48,472	9.1	192.5
1928	972	43,834	39,950	45.1	91.1	2,611	19,118	37,058	7.3	193.8
1929	860	39,534	39,474	46.0	90.8	3,049	15,924	44,771	5.2	281.2
1930	966	44,929	35,214	46.5	78.4	3,780	21,673	34,897	5.7	161.0
1931	965	44,613	21,642	46.2	48.5	2,431	11,755	13,713	4.8	116.7
1932	874	41,619	17,416	47.6	41.8	1,983	11,511	10,144	5.8	88.1
1933	798	37,651	26,248	47.2	77.7	1,841	6,904	11,225	5.1	162.6
1934	812	39,047	30,854	48.1	79.0	995	5,661	9,620	5.7	169.9
1935	817	39,452	30,479	48.3	77.3	2,096	14,520	20,605	6.9	141.9
1936	981	49,820	41,567	50.8	83.4	1,126	5,273	10,002	4.7	189.7
1937	1,088	53,372	35,132	49.1	65.8	934	7,089	13,222	7.6	186.5
1938	1,076	52,506	33,714	48.8	64.2	936	8,152	12,905	8.7	150.0
1939 (prel.)	1,039	52,306	40,424	50.3	77.3	2,284	20,330	29,706	8.9	146.1

<sup>1</sup> Values are based on prices for crop-marketing season or Dec. 1 prices. See notes on "Price."

<sup>2</sup> Received by farmers. Prices are weighted average prices for the crop-marketing season as follows: Barley, buckwheat, and flaxseed, beginning 1908; rice, beginning 1924. Prices for prior years are as of Dec. 1.

No. 677.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1939—Continued

YEARLY AVERAGE OR YEAR	Potatoes					Sweetpotatoes				
	Acreage harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>4</sup>	Acreage harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>4</sup>
	1,000 acres	1,000 bushels	1,000 dollars	Bush-els	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bush-els	Cents per bushel
1866-1875	1,488	129,276	81,370	86.9	62.9	5,376	520,170	525,517	577.6	87.5
1876-1885	2,074	173,138	87,877	83.5	50.8	404	35,625	20,063	76.8	64.9
1886-1895	2,635	214,022	102,644	81.2	48.0	526	44,448	72,071	84.5	71.0
1896-1900	2,918	246,703	101,576	84.5	41.2	542	44,462	20,920	82.0	48.8
1901-1905	3,115	286,091	162,270	91.8	56.7	565	52,815	30,841	93.5	58.4
1906-1910	3,465	342,410	205,664	98.8	60.1	615	59,337	41,248	90.5	69.5
1911-1915	3,473	349,277	234,699	100.6	67.2	597	57,068	48,235	95.6	84.5
1916-1920	3,455	338,280	472,515	97.3	140.5	736	71,633	99,592	97.3	139.0
1921-1925	3,368	358,318	360,571	106.4	97.9	702	62,193	77,788	88.6	125.1
1926-1930	3,123	358,255	354,157	114.7	98.9	664	62,551	71,270	94.2	113.9
1931-1935	3,513	378,068	201,988	107.9	53.3	948	77,829	53,601	82.1	68.9
1924	3,106	384,166	263,647	123.7	68.6	594	44,884	67,137	79.6	149.6
1925	2,810	296,466	505,460	105.5	170.5	636	50,139	82,757	78.8	165.1
1926	2,811	321,607	422,519	114.4	131.4	645	63,300	74,305	98.1	117.4
1927	3,182	360,644	376,527	116.2	101.9	724	70,897	77,301	97.9	109.0
1928	3,490	427,249	223,471	122.1	52.3	636	59,178	69,814	93.0	118.0
1929	3,019	332,204	437,147	110.0	131.6	646	64,993	70,081	100.6	117.1
1930	3,103	340,572	311,120	109.8	91.4	669	54,415	58,879	81.3	108.2
1931	3,467	384,126	176,489	110.8	45.9	850	66,849	48,567	73.6	72.7
1932	3,549	376,425	141,944	106.1	37.7	1,058	86,436	46,862	81.9	54.2
1933	3,412	342,306	281,825	100.3	82.3	908	75,248	52,209	82.9	69.5
1934	3,597	406,105	180,941	112.9	44.6	968	77,482	61,805	80.9	79.8
1935	3,541	386,380	228,741	109.1	59.2	909	83,128	58,501	85.8	70.4
1936	3,063	331,918	378,337	108.4	114.0	822	64,144	59,765	78.0	93.2
1937	3,185	395,294	208,785	124.1	52.8	840	75,053	61,809	89.3	82.5
1938	3,023	374,163	208,935	123.8	55.8	883	76,647	56,186	86.8	73.3
1939 (prel.)	3,027	364,016	250,199	120.3	68.7	862	72,679	54,974	84.3	75.6
	Cotton (excluding linters) <sup>9</sup>					Cottonseed				
	1,000 acres	1,000 bales <sup>10</sup>	1,000 dollars	Lbs.	Cents per pound	1,000 short tons	1,000 dollars			Dolls. per ton
1866-1875	9,046	3,389	253,959	162.6	9.30	1,382	2,419			
1876-1885	15,147	5,706	289,493	181.5	7.70	3,389	4,486			
1886-1895	20,016	7,691	354,038	197.4	7.04	4,486	4,800			
1896-1900	24,425	10,036	485,555	183.8	8.98	4,800	11,200			125.07
1901-1905	28,041	10,807	658,884	182.3	11.29	5,202	120,640			20.50
1906-1910	31,057	11,847	1,468,022	169.9	24.91	5,295	277,640			53.28
1911-1915	33,649	14,167	1,277,206	151.2	22.22	5,112	169,432			33.11
1916-1920	33,534	11,918	1,127,044	167.8	15.38	6,593	187,499			28.82
1921-1925	35,895	11,515	561,384	190.9	9.16	6,641	97,722			19.15
1926-1930	42,212	14,834	1,561,021	165.0	22.91	8,050	201,157			33.25
1931-1935	31,671	12,684	1,578,674	173.5	19.61	7,150	226,552			31.69
1924	39,501	13,630	1,121,185	192.9	12.47	7,989	176,388			22.08
1925	44,386	16,105	1,308,088	161.7	20.19	5,768	200,698			34.86
1926	44,608	17,978	1,302,499	163.3	17.99	6,435	219,777			34.15
1927	38,342	12,956	1,244,862	164.2	16.79	6,590	203,873			30.94
1928	42,434	13,932	659,044	157.1	9.46	6,191	136,760			22.09
1929	43,232	17,097	483,639	211.5	5.66	7,604	68,230			8.97
1930	42,444	13,097	424,013	173.5	6.52	5,784	59,583			10.30
1931	38,704	17,097	603,516	212.7	10.17	5,806	74,787			12.88
1932	35,891	13,003	595,615	171.6	12.36	4,282	141,732			33.10
1933	27,600	10,638	590,137	185.1	11.09	4,729	144,279			30.51
1934	28,866	9,636	764,433	199.4	12.33	5,511	183,356			33.27
1935	27,500	10,638	796,179	269.9	8.41	8,426	164,344			19.50
1936	29,755	12,369	513,638	235.8	8.60	5,310	115,695			21.79
1937	33,623	18,945	536,744	237.9	9.09	5,260	111,248			21.15
1938	24,248	11,943								
1939 (prel.)	23,805	11,817								

<sup>1</sup> Values are based on prices for crop-marketing season, Dec. 1 or Nov. 15 prices. See notes on "Price."  
<sup>4</sup> Received by farmers. Beginning with 1908 for potatoes and cotton, 1910 for sweetpotatoes, and 1909 for cottonseed, prices are weighted average prices for crop-marketing season. Figures for prior years are Dec. 1 prices. For 1933, 1934, 1937, and 1938, season average prices for cotton crops include unredeemed loan cotton at average loan value.  
<sup>5</sup> Average for 8 years. <sup>6</sup> Average for 6 years. <sup>7</sup> Average for 7 years. <sup>8</sup> Average for 4 years.  
<sup>9</sup> State production figures, which conform with census annual ginning enumerations, with allowance for cross State ginnings, rounded to thousands and added for United States totals. Cotton grown in Lower California, ginned in California from 1913 to 1924, has been excluded.  
<sup>10</sup> Production is in running bales prior to 1899; 500-pound gross weight bales thereafter.  
<sup>11</sup> Data for 1909 and 1910.  
<sup>12</sup> Area in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.

No. 677.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1939—Continued

YEARLY AVERAGE OR YEAR	Acraege harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acraege harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
	Grain sorghums (kaffirs, millo maize, feterita, etc.) for all purposes					Peanuts (picked and threshed)				
	1,000 acres	1,000 bushels	1,000 dollars	Bush-els	Cents per bushel <sup>14</sup>	1,000 acres <sup>15</sup>	1,000 pounds	1,000 dollars	Lbs.	Cents per lb. <sup>16</sup>
1916-1920	6,418	120,349	142,518	20.2	17110.2	1,196	851,704	55,592	712.2	6.53
1921-1925	6,133	92,765	15.1	74.2	1,936	940,834	32,992	684.9	5.15	
1926-1930	6,683	100,314	67,990	15.0	67.8	1,099	789,092	35,143	718.1	4.45
1931-1935	7,788	88,960	40,035	11.4	45.0	1,424	994,761	25,742	698.7	2.59
1929	6,394	82,214	60,153	12.9	73.2	1,262	898,197	33,704	711.7	3.75
1930	6,589	62,570	35,579	9.5	56.9	1,073	997,350	24,997	649.9	3.58
1931	7,483	113,649	29,940	15.2	26.3	1,440	1,055,815	21,359	733.2	2.02
1932	7,966	109,745	32,698	13.8	29.8	1,501	941,195	14,512	627.0	1.54
1933	7,307	82,085	42,168	11.3	51.0	1,217	819,620	23,292	673.5	2.84
1934	6,830	40,225	40,133	5.9	99.8	1,488	1,000,950	33,480	678.7	3.32
1935	9,354	98,495	55,236	10.5	56.1	1,473	2,147,225	36,069	678.8	3.14
1936	8,878	55,079	52,207	8.0	94.8	1,606	1,253,090	46,878	680.3	3.74
1937	7,476	97,679	47,656	13.1	48.8	1,500	1,224,190	39,669	816.1	3.24
1938	7,680	99,136	38,823	12.9	39.2	1,708	1,305,800	42,861	764.5	3.28
1939 (prel.)	8,055	83,102	48,403	10.3	58.2	1,859	1,179,505	39,974	634.5	3.30
Beans, dry, edible					Soybeans (for beans)					
	1,000 acres	1,000 bags <sup>18</sup>	1,000 dollars <sup>18</sup>	Lbs.	Dollars per bag <sup>18</sup>	1,000 acres	1,000 bushels	1,000 dollars	Bush-els	Cents per bu. <sup>16</sup>
1916-1920	995	7,071	36,597	1710.6	17 5.18	432	4,911	11,831	11.4	20240.9
1921-1925	1,302	8,876	44,007	681.7	5.32	660	8,685	14,697	12.9	171.2
1926-1930	1,800	11,649	61,669	641.0	5.71	1,463	22,466	17,538	15.4	78.1
1931-1935	1,690	12,481	31,416	738.5	2.67	708	9,398	17,592	18.3	187.2
1929	1,840	12,278	79,376	667.3	6.77	1,008	13,471	17,790	13.4	132.1
1930	2,159	14,133	58,633	654.6	4.20	1,104	16,733	8,024	15.2	48.0
1931	1,947	12,914	25,890	663.3	2.13	977	14,976	8,362	15.3	55.8
1932	1,431	11,005	20,822	769.0	1.98	997	13,147	12,951	13.2	98.5
1933	1,729	12,771	33,517	735.0	2.78	1,539	23,095	23,281	15.0	100.8
1934	1,400	11,393	37,906	780.3	3.52	2,097	44,378	35,073	16.5	79.0
1935	1,885	14,323	38,833	769.8	2.95	2,132	29,695	38,403	14.1	128.1
1936	1,594	11,405	56,877	715.5	5.38	2,549	45,272	38,448	17.8	84.9
1937	1,700	15,532	45,238	910.0	3.07	3,105	62,729	42,376	20.2	67.6
1938	1,627	15,053	35,928	925.2	2.54	4,226	87,409	67,488	20.7	77.2
1939 (prel.)	1,554	13,962	43,614	898.5	3.29					
Clover seed, red					Hops					
	1,000 acres	1,000 bushels	1,000 dollars	Bush-els	Dollars per bushel <sup>21</sup>	1,000 acres	1,000 pounds	1,000 dollars	Lbs.	Cents per lb. <sup>22</sup>
1916-1920	1,091	1,287	22,741	1.18	1717.67	30	32,668	10,326	1,080	31.6
1921-1925	945	981	11,891	1.04	12.12	22	26,616	4,456	1,215	16.7
1926-1930	1,052	1,181	15,846	1.12	13.42	23	30,353	5,586	1,314	18.4
1931-1935	848	952	6,997	1.12	7.35	30	36,426	6,075	1,219	16.7
1929	1,817	2,115	21,983	1.16	10.39	24	38,195	3,785	1,360	11.4
1930	966	1,010	11,724	1.05	11.60	20	23,447	3,462	1,202	14.8
1931	781	833	5,997	1.07	7.20	21	26,410	3,642	1,234	13.8
1932	924	1,150	5,754	1.24	5.00	22	24,058	4,199	1,094	17.5
1933	1,025	1,138	7,040	1.11	6.18	30	39,965	12,147	1,319	30.4
1934	821	792	8,705	.96	10.99	37	43,952	6,248	1,194	14.5
1935	689	848	7,487	1.23	8.83	39	47,746	4,141	1,227	9.8
1936	767	767	10,962	1.00	14.48	31	25,150	6,942	814	27.6
1937	331	609	8,990	1.54	17.56	34	43,913	6,411	1,280	16.2
1938	1,739	1,905	15,644	1.10	8.21	32	35,261	5,848	1,119	19.7
1939 (prel.)	1,371	1,714	15,442	1.25	9.01	31	39,380	7,712	1,270	24.5

<sup>1</sup> Values are based on prices for crop-marketing season, Dec. 1 or Nov. 15 prices. See notes on "Price."  
<sup>2</sup> Received by farmers. See also notes on prices for each crop.  
<sup>3</sup> Nov. 15 prices, 1919 to 1924; Dec. 1 prices, 1925 and 1926; average prices for the crop-marketing season beginning 1927.  
<sup>4</sup> Prices are weighted average prices for the crop-marketing season, prices of beans being for cleaned beans.  
<sup>5</sup> Average for 1919 and 1920.  
<sup>6</sup> Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than to the total production.  
<sup>7</sup> Weighted average prices for the crop-marketing season.  
<sup>8</sup> Dec. 1 prices, 1916 to 1931; beginning 1932, weighted average prices for the crop-marketing season.  
<sup>9</sup> Includes 802,000 pounds in 1934, 5,436,000 pounds in 1935, 4,365,000 pounds in 1937, 5,625,000 pounds in 1938, and 7,839,000 pounds in 1939, not available for marketing because of economic conditions and the marketing agreement allotments. Prices and values are computed on the harvested crop.  
<sup>10</sup> Equivalent solid acreage.  
<sup>11</sup> Bags of 100 pounds.  
<sup>12</sup> Average for 1924 and 1925.

No. 677.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1939—Continued

YEARLY AVERAGE OR YEAR	Hay (tame)					Tobacco				
	Acreage harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>(2)</sup>
	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. <sup>3</sup>
1866-1875	20,290	33,423	832,744	1.15	14.21	450	339,206	34,829	754	10.3
1876-1885	28,704	36,056	350,467	1.26	9.72	711	518,825	38,817	730	7.5
1886-1895	39,492	48,007	427,727	1.22	8.91	916	669,296	52,244	731	7.8
1900-1909	42,407	54,137	422,324	1.27	7.80	1,064	818,926	53,822	770	6.6
1910-1915	46,147	61,592	557,465	1.33	9.05	1,126	823,378	67,718	820	7.3
1916-1920	50,842	66,001	706,860	1.31	10.71	1,173	977,983	95,030	834	9.8
1921-1925	50,806	64,515	707,990	1.28	11.90	1,280	1,048,825	107,074	816	10.3
1926-1930	55,455	74,717	1,279,078	1.35	17.12	1,742	1,880,048	322,244	796	23.3
1931-1935	57,536	74,676	993,329	1.29	13.30	1,053	1,279,550	247,642	774	19.4
1920-1930	55,371	72,563	903,002	1.31	12.44	1,881	1,410,930	249,528	771	17.7
1931-1935	55,893	67,665	602,567	1.21	8.91	1,569	1,266,344	175,456	807	13.9
1929	55,728	76,105	930,369	1.37	12.22	1,980	1,532,625	280,976	774	18.3
1930	54,051	64,040	810,002	1.18	12.65	2,124	1,648,229	210,860	776	12.8
1931	55,968	69,861	601,840	1.19	9.04	1,987	1,564,487	128,554	787	8.2
1932	55,004	71,827	481,908	1.28	6.70	1,494	1,017,317	107,297	725	10.5
1933	55,829	69,530	545,297	1.19	8.20	1,798	1,371,131	178,849	789	13.0
1934	55,017	55,270	775,019	1.99	14.02	1,279	1,081,629	224,699	846	21.3
1935	55,647	76,138	609,968	1.40	7.80	1,487	1,297,155	238,882	803	18.4
1936	57,289	69,536	723,682	1.11	11.39	1,438	1,165,328	272,895	803	23.0
1937	54,620	73,449	969,871	1.34	9.12	1,751	1,562,886	319,466	893	20.4
1938	56,925	81,048	579,486	1.42	7.15	1,599	1,376,823	269,184	860	19.7
1939 (prel.)	58,847	75,726	601,044	1.30	7.94	2,015	1,848,684	285,030	918	15.4
	Wild hay					Sweet sorghum for forage and hay <sup>26</sup>				
	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	Dollars per ton
1910-1920	16,952	15,303	194,719	0.90	12.72	1,944	3,406	32,141	1.80	9.19
1921-1925	15,480	13,260	101,761	.86	7.67	1,753	3,152	26,781	1.80	8.50
1926-1930	13,079	11,442	87,348	.84	7.63	2,018	3,997	23,908	1.37	5.98
1931-1935	11,797	8,922	49,707	.76	5.57	3,217	4,525	22,796	1.41	5.04
1933	12,053	8,412	43,522	.70	5.17	3,206	3,432	34,876	1.40	10.16
1934	8,623	4,729	54,296	.55	11.48	3,498	5,058	28,992	1.65	5.61
1935	12,899	11,388	52,789	.92	4.64	2,545	2,898	23,888	1.14	8.24
1936	10,579	6,850	53,229	.65	7.77	3,008	4,426	29,538	1.47	6.67
1937	11,444	9,168	51,775	.80	5.05	4,983	8,452	37,085	1.70	4.39
1938	11,826	10,483	44,368	.89	4.23	5,875	8,666	45,982	1.48	5.30
1939 (prel.)	10,898	8,800	40,607	.81	4.61					
	Cranberries (5 States)					Oranges and tangerines (7 States) <sup>27</sup>				
	1,000 acres	1,000 barrels	1,000 dollars	Barrels	Dollars per barrel <sup>28</sup>	1,000 boxes <sup>29</sup>	1,000 dollars <sup>30</sup>			Dollars per box <sup>30</sup>
1919-1920	27	531	4,788	19.8	9.02	28,501	70,376			2.47
1921-1925	27	580	5,996	21.4	10.34	31,706	75,060			2.37
1926-1930	28	597	6,819	21.6	11.42	43,177	104,696			2.42
1931-1935	28	579	4,939	20.9	8.53	53,003	68,088			1.28
1933	28	699	4,481	25.4	6.41	31,477	68,059			1.47
1934	27	445	5,156	18.2	11.58	31,638	76,220			1.22
1935	28	516	6,255	18.7	12.13	31,627	81,484			1.58
1936	28	504	6,848	18.2	13.58	31,648	100,202			1.86
1937	28	877	7,448	31.5	8.49	31,748	71,505			.97
1938	28	476	5,221	17.0	10.98	31,788	65,180			.86
1939 (prel.)	28	704	7,243	25.2	10.20	32,758	84,130			1.11

<sup>1</sup> Values are based on prices for crop-marketing season, Dec. 1 or Nov. 15 prices. See notes on "Price."  
<sup>2</sup> Received by farmers. Prices are as of Dec. 1 except as noted.  
<sup>3</sup> Prices are weighted average prices for the crop-marketing season beginning 1919; Dec. 1 prices theretofore.  
<sup>26</sup> Not included in tame hay.  
<sup>27</sup> Production figures include fruit consumed on farms, sold locally, and used for manufacturing, as well as that shipped; they exclude fruit which ripened on the trees but was destroyed prior to picking. Figures relate to the crop produced from the bloom of the year shown, fruiting through the winter and the following spring and summer. In California, where picking continues throughout the year, the estimates are for 12-month periods, beginning Nov. 1. In other States, the season begins about Sept. 1.  
<sup>28</sup> Prices are averages for crop-marketing season.  
<sup>29</sup> Net content of boxes varies. In California and Arizona, the approximate average is 70 lbs.; in other States, 90 lbs.  
<sup>30</sup> Price and value apply to entire crop exclusive of that portion donated to charity or eliminated on account of market conditions. (See note 31.) Prices are State averages, weighted by production to obtain U. S. averages.  
<sup>31</sup> Production in California includes the following quantities (boxes) which have no farm value: 1933, 977,000; 1934, 1,395,000; 1935, 614,000; 1936, 1,023,000; 1937, 1,204,000; 1938, 2,655,000.  
<sup>32</sup> As estimated from prospects on July 1, 1940.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

## No. 678.—POTATOES—ACREAGE, PRODUCE

NOTE.—Weight of a bushel of potatoes, 60 pounds. Prices are

DIVISION AND STATE	ACREAGE HARVESTED					YIELD PER ACRE				
	1928- 1937, aver- age	1936	1937	1938	1939 <sup>1</sup>	1928- 1937, aver- age	1936	1937	1938	1939 <sup>1</sup>
	1,000 acres 3, 343	1,000 acres 3, 063	1,000 acres 3, 185	1,000 acres 3, 023	1,000 acres 3, 027	Bus. 111	Bus. 108	Bus. 124	Bus. 124	Bus. 120
<b>United States.....</b>										
<b>New England.....</b>	229	225	235	230	233	234	249	244	211	207
Maine.....	169	161	170	167	170	267	285	280	242	225
New Hampshire.....	10	10	10	10	9	153	170	145	135	150
Vermont.....	17	17	17	16	16	136	145	133	120	130
Massachusetts.....	16	16	17	16	17	131	155	135	130	155
Rhode Island.....	3	4	4	4	4	160	180	195	160	190
Connecticut.....	16	17	17	17	18	154	170	170	140	185
<b>Middle Atlantic.....</b>	495	463	490	467	463	126	131	131	127	125
New York.....	236	220	227	220	211	123	120	125	122	127
New Jersey.....	46	52	58	54	55	163	170	181	195	136
Pennsylvania.....	213	191	205	193	187	120	132	123	114	120
<b>East North Central.....</b>	783	750	787	670	652	90	91	88	105	95
Ohio.....	128	180	118	118	120	96	111	85	107	105
Indiana.....	62	57	54	52	48	87	81	100	95	95
Illinois.....	48	43	40	38	37	76	92	78	98	93
Michigan.....	280	275	278	250	260	92	95	103	120	97
Wisconsin.....	206	245	247	212	197	88	92	73	90	88
<b>West North Central.....</b>	787	642	602	622	652	76	50	98	89	90
Minnesota.....	331	266	237	230	239	77	47	103	90	85
Iowa.....	77	67	60	58	56	80	53	82	98	100
Missouri.....	57	55	55	54	53	77	52	90	108	88
North Dakota.....	128	111	125	142	165	72	55	105	85	85
South Dakota.....	48	27	26	29	30	57	29	59	56	89
Nebraska.....	108	86	71	80	81	79	55	115	78	120
Kansas.....	38	30	28	29	28	53	57	77	111	76
<b>South Atlantic.....</b>	319	288	330	296	296	106	82	110	114	87
Delaware.....	5	5	5	4	4	87	95	95	92	80
Maryland.....	31	28	30	26	25	103	105	116	115	95
Virginia.....	101	82	91	79	78	121	90	120	132	87
West Virginia.....	38	32	32	32	32	83	60	102	85	95
North Carolina.....	80	78	94	79	82	100	74	102	110	100
South Carolina.....	21	18	26	24	28	116	100	120	115	111
Georgia.....	16	16	18	18	18	68	48	66	68	77
Florida.....	27	27	34	34	29	110	87	121	132	120
<b>East South Central.....</b>	138	135	152	145	152	76	52	84	93	86
Kentucky.....	50	47	45	45	46	76	36	93	103	84
Tennessee.....	42	40	39	39	41	69	37	79	80	71
Alabama.....	32	32	45	42	45	81	87	84	108	108
Mississippi.....	14	16	21	19	20	72	68	72	72	71
<b>West South Central.....</b>	169	159	175	166	154	68	63	67	69	65
Arkansas.....	40	43	43	40	39	74	55	71	85	77
Louisiana.....	39	39	44	43	39	62	68	62	64	54
Oklahoma.....	39	33	34	33	33	71	64	74	72	68
Texas.....	51	44	54	50	43	66	65	64	59	62
<b>Mountain.....</b>	283	288	297	270	274	160	175	180	173	179
Montana.....	21	16	19	18	17	93	95	100	90	90
Idaho.....	100	106	124	115	124	214	210	245	250	230
Wyoming.....	27	23	25	20	20	88	65	96	60	80
Colorado.....	102	100	106	91	90	146	185	148	130	160
New Mexico.....	5	5	6	7	6	73	90	72	75	80
Arizona.....	3	2	2	3	2	78	60	80	110	100
Utah.....	13	12	13	14	13	152	150	165	165	160
Nevada.....	3	2	2	2	2	142	140	150	160	140
<b>Pacific.....</b>	139	137	167	159	161	177	207	218	221	231
Washington.....	51	45	50	44	42	166	178	183	172	175
Oregon.....	43	43	49	43	45	140	170	160	180	160
California.....	45	49	68	72	74	222	265	267	275	306

<sup>1</sup> Preliminary.

ION, AND VALUE, BY STATES: 1928 TO 1939

weighted average prices received by farmers for the crop-marketing season

PRODUCTION					PRICE FOR CROP OF—				FARM VALUE		DIVISION AND STATE
1928-1937, average	1936	1937	1938	1939 <sup>1</sup>	1928	1937	1938	1939 <sup>1</sup>	1938	1939 <sup>1</sup>	
1,000 bushels 372,268	1,000 bushels 331,918	1,000 bushels 396,204	1,000 bushels 374,163	1,000 bushels 364,016	Cts. per bu. 114	Cts. per bu. 53	Cts. per bu. 55	Cts. per bu. 69	1,000 dollars 208,835	1,000 dollars 250,199	
											U. S.
53,698	55,908	57,255	48,669	48,247	88	49	60	77	28,010	36,940	N. E.
44,968	45,885	47,600	40,414	38,250	92	37	55	70	22,228	26,775	Maine.
1,445	1,666	1,479	1,965	1,395	124	79	90	105	1,166	1,465	N. H.
2,280	2,392	2,194	1,884	1,950	112	63	90	105	1,686	2,045	Vt.
1,675	2,406	2,254	2,041	2,635	132	71	78	109	1,592	2,635	Mass.
543	720	838	624	779	134	71	77	100	480	779	R. I.
2,387	2,839	2,890	2,310	3,238	132	68	80	100	1,848	3,238	Conn.
62,204	60,452	64,088	59,372	56,717	112	69	65	86	38,438	48,807	M. A.
29,005	26,400	28,375	26,810	26,797	111	66	67	85	17,983	22,777	N. Y.
7,615	8,840	10,498	10,630	7,480	110	62	48	78	5,054	5,834	N. J.
25,584	25,212	25,215	22,002	22,440	114	65	70	90	15,401	20,196	Pa.
70,653	67,923	65,215	70,370	62,187	110	58	53	67	37,205	41,598	E. N. C.
12,303	14,430	10,030	12,626	12,600	122	78	68	85	8,586	10,710	Ohio.
5,334	4,617	5,400	4,940	4,560	122	72	62	85	3,063	3,870	Ind.
3,700	2,696	3,120	3,724	3,441	149	83	69	85	2,670	2,925	Ill.
25,922	26,125	28,634	30,000	24,250	102	49	48	60	14,400	14,550	Mich.
23,380	20,090	18,031	19,080	17,336	103	47	45	55	8,586	9,535	Wis.
60,181	32,241	59,261	55,869	58,582	128	47	49	58	27,148	34,250	W. N. C.
25,691	25,502	24,411	20,700	20,315	129	30	46	55	9,522	11,173	Minn.
6,228	3,551	4,920	5,684	5,000	138	75	65	75	3,065	4,200	Iowa.
4,411	2,860	4,960	5,832	4,664	127	63	51	63	2,074	2,938	Mo.
9,137	6,105	13,125	12,070	14,025	119	39	41	50	4,949	7,012	N. Dak.
2,893	783	1,534	1,624	2,400	136	62	58	55	942	1,320	S. Dak.
8,456	4,730	8,165	6,240	9,720	130	50	59	66	3,682	6,415	Nebr.
3,365	1,710	2,166	3,219	2,128	127	57	43	56	1,384	1,192	Kans.
33,700	23,404	36,149	33,665	28,695	144	73	65	83	21,871	23,797	S. A.
467	475	475	368	320	106	60	64	95	236	304	Del.
3,257	2,940	3,490	2,990	2,375	109	61	62	91	1,854	2,161	Md.
12,352	7,380	10,920	10,428	6,786	134	58	57	84	5,944	5,700	Va.
3,109	1,920	3,264	2,720	3,040	133	77	80	90	2,176	2,736	W. Va.
8,028	5,772	9,588	8,690	8,200	171	61	65	68	5,648	5,576	N. C.
2,476	1,800	3,120	2,760	3,108	169	80	69	76	1,904	2,362	S. C.
1,016	768	1,188	1,224	1,388	166	87	79	74	967	1,026	Ga.
2,995	2,349	4,114	4,488	3,480	145	136	70	113	3,142	3,932	Fla.
10,427	7,044	12,744	13,449	13,055	137	67	64	72	8,843	9,347	E. S. C.
3,818	1,692	4,371	4,635	8,364	131	76	70	82	3,244	3,168	Ky.
2,941	1,480	3,081	3,120	2,911	149	75	67	76	2,090	2,212	Tenn.
2,663	2,784	3,780	4,326	4,860	130	51	55	60	2,379	2,916	Ala.
1,005	1,088	1,512	1,368	1,420	146	63	68	74	930	1,051	Miss.
11,552	9,989	11,763	11,475	10,019	126	93	72	85	8,221	8,537	W. S. C.
2,960	2,365	3,053	3,400	3,003	134	79	77	77	2,618	2,312	Ark.
2,426	2,652	2,728	2,752	2,106	125	65	60	75	1,651	1,580	La.
2,505	2,112	2,516	2,376	2,244	107	67	67	68	1,592	1,526	Okla.
3,361	2,860	3,466	2,950	2,666	135	140	80	117	2,360	3,119	Tex.
46,296	46,557	53,433	46,780	49,046	103	35	42	50	19,362	24,699	Mt.
1,911	1,520	1,900	1,420	1,530	121	49	72	90	1,166	1,377	Mont.
23,308	22,260	30,380	28,750	28,520	92	26	33	38	9,488	10,833	Idaho.
2,312	1,495	2,400	1,200	1,600	133	51	68	75	816	1,200	Wyo.
14,762	18,500	15,688	11,830	14,400	112	45	56	65	6,625	9,360	Colo.
386	450	432	525	480	126	88	80	90	420	432	N. Mex.
196	180	100	275	220	110	90	73	85	201	187	Ariz.
2,000	1,830	2,128	2,244	2,016	96	43	43	55	965	1,109	Utah.
421	322	345	336	280	110	54	54	70	181	196	Nev.
24,646	23,305	35,396	35,108	37,198	127	51	53	60	18,437	22,226	Pac.
8,422	8,010	9,400	7,568	7,350	120	41	57	60	4,314	4,410	Wash.
6,109	7,310	7,840	7,740	7,200	127	46	52	65	4,025	4,680	Oreg.
10,117	12,985	18,166	19,800	22,648	131	58	51	58	10,098	13,136	Calif.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

## No. 679.—CORN—ACREAGE, PRODUCTION,

NOTE.—Weight of a bushel of corn, 56 pounds. This table covers corn for all purposes, including hogged  
Prices are weighted average prices received

DIVISION AND STATE	ACREAGE HARVESTED					YIELD PER ACRE				
	1928- 1937, average	1936	1937	1938	1939 <sup>1</sup>	1928- 1937, average	1936	1937	1938	1939 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bus. 23.0	Bus. 16.2	Bus. 23.3	Bus. 27.5	Bus. 25.5
United States.....	99,798	99,020	98,741	92,222	88,803	23.0	16.2	23.3	27.5	25.5
New England.....	198	201	200	203	203	39.8	39.4	39.9	38.7	39.8
Maine.....	13	11	10	11	14	38.7	30.0	37.0	40.0	39.0
New Hampshire.....	15	15	15	16	15	41.1	41.0	42.0	41.0	41.0
Vermont.....	70	76	74	78	76	39.9	30.0	40.0	40.0	40.0
Massachusetts.....	39	39	40	39	38	41.1	42.0	41.0	38.0	40.0
Rhode Island.....	9	9	10	10	10	39.8	38.0	40.0	39.0	41.0
Connecticut.....	62	51	51	49	50	38.8	38.0	39.0	36.0	39.0
Middle Atlantic.....	2,119	2,157	2,248	2,250	2,256	37.5	37.9	42.4	41.0	39.8
New York.....	629	640	672	685	699	37.7	31.0	35.5	37.0	35.0
New Jersey.....	188	202	208	197	189	38.2	36.5	41.0	38.0	38.0
Pennsylvania.....	1,302	1,315	1,368	1,368	1,368	39.0	41.5	46.0	43.5	42.5
East North Central.....	20,819	21,224	21,929	20,303	19,427	33.9	25.3	42.7	42.6	48.8
Ohio.....	3,612	3,685	3,796	3,568	3,425	36.5	33.0	43.0	44.0	50.0
Indiana.....	4,487	4,698	4,752	4,229	4,144	33.5	25.5	45.0	41.0	51.5
Illinois.....	9,016	9,266	9,367	8,565	8,051	33.8	23.5	48.0	45.0	52.0
Michigan.....	1,468	1,600	1,590	1,590	1,674	29.2	24.5	35.0	36.5	37.0
Wisconsin.....	2,236	2,204	2,424	2,351	2,233	31.8	20.0	31.5	38.5	38.5
West North Central.....	40,853	34,073	34,628	32,923	31,718	23.4	10.8	27.8	28.9	32.0
Minnesota.....	4,650	4,649	4,788	4,501	4,501	29.4	19.0	36.0	35.0	45.5
Iowa.....	10,778	10,759	11,082	10,417	9,688	35.5	17.7	45.0	46.0	52.0
Missouri.....	5,530	5,004	4,360	4,360	4,229	20.1	8.0	27.0	25.0	29.0
North Dakota.....	1,160	744	908	981	1,030	14.1	3.4	19.0	16.5	16.5
South Dakota.....	4,074	2,484	3,130	2,974	2,677	12.5	3.4	14.0	12.0	17.5
Nebraska.....	8,978	7,674	7,904	7,430	6,836	16.7	2.5	10.5	14.5	12.0
Kansas.....	5,471	2,759	2,456	2,260	2,757	13.2	4.0	12.0	20.0	13.5
South Atlantic.....	11,246	11,518	11,638	12,228	11,917	15.3	14.8	17.3	16.8	15.9
Delaware.....	141	142	143	143	144	27.3	29.0	29.0	29.0	29.0
Maryland.....	610	511	516	501	506	30.6	36.0	36.0	37.0	36.0
Virginia.....	1,478	1,396	1,480	1,391	1,405	21.8	21.5	25.5	25.0	26.0
West Virginia.....	498	503	518	477	491	24.7	23.0	27.5	26.5	28.5
North Carolina.....	2,291	2,350	2,326	2,442	2,466	18.0	18.5	19.0	19.0	19.5
South Carolina.....	1,616	1,630	1,663	1,846	1,754	13.2	13.5	15.5	14.5	14.5
Georgia.....	3,985	4,203	4,203	4,623	4,346	9.8	8.0	11.5	11.5	8.5
Florida.....	727	781	780	805	805	9.3	9.0	10.0	10.5	7.5
East South Central.....	11,380	11,907	11,498	12,086	11,698	17.5	16.2	20.4	20.0	16.5
Kentucky.....	2,908	3,027	2,906	2,761	2,816	21.6	18.0	24.0	27.0	25.0
Tennessee.....	2,888	2,858	2,772	2,689	2,635	20.9	20.0	20.0	25.5	20.0
Alabama.....	3,118	3,293	3,227	3,550	3,408	12.6	12.5	14.5	14.0	10.0
Mississippi.....	2,466	2,729	2,593	3,086	2,830	14.7	14.5	17.5	16.0	12.5
West South Central.....	10,961	10,028	9,877	10,297	10,103	14.8	12.8	17.4	16.9	16.5
Arkansas.....	2,077	2,130	2,032	2,195	2,085	14.5	12.5	20.0	16.5	14.5
Louisiana.....	1,405	1,481	1,422	1,620	1,555	14.3	14.0	17.5	16.5	15.0
Oklahoma.....	2,611	1,811	1,720	1,754	1,877	13.3	6.5	18.0	20.0	14.5
Texas.....	4,868	4,695	4,508	4,728	4,686	15.6	15.0	16.0	16.0	16.0
Mountain.....	2,055	1,757	1,783	1,788	1,328	11.8	9.7	9.9	12.1	12.1
Montana.....	134	72	139	156	136	9.2	7.5	9.0	15.0	13.0
Idaho.....	35	32	36	32	33	34.9	33.0	37.0	37.0	34.5
Wyoming.....	196	164	261	240	161	10.6	6.5	9.5	12.0	11.0
Colorado.....	1,427	1,241	1,067	1,110	766	10.7	9.0	8.0	10.5	10.5
New Mexico.....	211	190	203	193	189	13.8	11.5	13.5	13.5	13.5
Arizona.....	32	35	33	33	22	15.6	14.0	15.0	14.0	12.5
Utah.....	18	21	22	20	19	24.8	25.0	27.0	25.0	25.0
Nevada.....	2	2	2	2	2	26.1	26.0	30.0	31.0	30.0
Pacific.....	170	159	160	146	153	32.1	32.4	34.2	32.1	32.9
Washington.....	34	31	32	29	32	34.8	34.0	37.0	35.0	34.5
Oregon.....	62	63	66	55	61	30.6	30.5	33.0	29.0	31.0
California.....	74	65	62	62	60	32.2	33.5	34.0	33.5	34.0

<sup>1</sup> Preliminary.

AND VALUE, BY STATES: 1928 TO 1939

and shelled corn and that cut and fed without removing the ears, as well as that husked and snapped for grain, by farmers for the crop-marketing season

PRODUCTION				PRICE FOR CROP OF—				FARM VALUE		DIVISION AND STATE	
1928-1937, average	1936	1937	1938	1939 <sup>1</sup>	1936	1937 <sup>2</sup>	1938 <sup>2</sup>	1939 <sup>1,2</sup>	1938		1939 <sup>1</sup>
1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Cts per bu. 104	Cts per bu. 62	Cts. per bu. 50	Cts. per bu. 50	1,000 dollars	1,000 dollars	
2,309,674	1,507,089	2,661,284	2,662,187	2,619,137					1,282,064	1,464,308	
7,849	7,926	7,989	7,852	8,081	120	83	88	71	5,840	5,738	U. S.
489	420	370	440	546	130	75	68	68	299	393	N. E.
599	615	630	656	615	120	77	68	72	446	443	Maine.
2,803	2,964	2,960	3,120	3,040	118	82	68	71	2,122	2,156	N. H.
1,600	1,638	1,640	1,482	1,520	121	86	68	70	1,008	1,064	Vt.
347	342	400	390	410	121	84	68	71	265	291	Mass.
2,005	1,938	1,089	1,764	1,950	120	84	68	71	1,200	1,384	R. I.
											Conn.
79,494	81,785	95,312	92,399	89,797	107	66	60	66	55,990	59,412	M. A.
21,221	19,840	23,856	25,345	24,464	112	71	62	69	15,714	16,881	N. Y.
7,186	7,373	8,528	7,486	7,182	106	67	61	66	4,566	4,740	N. J.
51,087	54,572	62,928	59,508	58,140	105	64	50	65	35,110	37,791	Pa.
705,293	558,696	958,690	884,355	947,526	103	45	46	52	399,746	499,182	E. N. C.
132,297	121,605	163,228	156,992	171,250	99	51	46	53	72,216	90,782	Ohio.
151,195	116,510	213,840	173,389	213,416	100	45	45	50	78,925	109,708	Ind.
307,592	217,751	449,616	385,425	418,652	105	47	46	52	177,299	217,939	Ill.
43,167	36,750	55,065	58,035	58,238	106	55	48	54	27,857	31,449	Mich.
71,042	44,080	76,356	90,514	85,070	111	57	49	53	44,852	45,664	Wis.
954,294	987,688	962,314	950,526	1,014,308	108	46	49	53	467,862	534,631	W. N. C.
136,346	88,331	172,368	157,535	204,796	103	43	47	51	74,041	104,446	Minn.
393,143	190,434	498,690	479,182	503,776	107	44	40	50	239,501	287,001	Iowa.
113,055	40,032	117,720	109,000	122,641	116	51	49	54	53,410	66,226	Mo.
16,305	2,530	17,252	16,186	19,905	109	47	38	41	6,151	6,988	N. Dak.
54,933	8,446	43,820	35,688	46,848	108	44	51	54	18,201	25,208	S. Dak.
159,176	26,859	82,992	107,735	82,032	116	51	50	53	53,868	43,477	Nebr.
80,736	11,036	29,472	45,200	37,220	119	56	50	57	22,600	21,216	Kans.
172,412	170,230	201,234	204,880	189,415	102	67	58	68	119,791	129,564	S. A.
3,861	4,118	4,147	4,147	4,176	97	57	55	62	2,281	2,589	Del.
15,617	18,396	18,670	18,537	18,216	97	61	55	62	10,105	11,294	Md
32,225	30,014	37,740	34,775	36,530	106	68	64	72	22,256	26,302	Va.
12,384	11,589	14,245	12,640	13,994	110	75	69	72	8,722	10,076	W. Va.
41,355	43,475	45,367	46,398	48,087	96	68	64	70	29,695	33,661	N. C.
21,335	22,005	24,045	26,767	25,433	102	65	60	60	13,384	16,786	S. C.
38,902	33,624	43,334	53,164	36,941	109	64	53	67	28,177	24,750	Ga.
6,733	7,029	7,890	8,462	6,938	108	76	60	68	5,071	4,106	Fla.
198,685	192,378	234,254	242,193	192,688	107	62	58	70	136,923	134,785	E. S. C.
62,688	54,486	75,556	74,547	70,400	111	58	56	61	41,746	42,044	Ky.
60,308	57,160	66,528	68,570	52,709	107	60	57	74	39,083	38,998	Tenn
39,427	41,162	46,792	49,700	34,080	106	67	59	78	29,323	26,582	Ala.
36,262	39,570	45,378	49,376	35,488	102	64	53	74	26,160	26,261	Miss.
161,928	128,169	168,533	178,676	156,235	95	62	49	60	83,570	98,679	W. S. C.
20,956	26,738	40,640	36,218	32,318	100	60	53	60	19,196	21,330	Ark.
20,098	20,734	24,885	26,730	23,325	96	66	52	64	13,900	14,928	La.
35,912	11,772	30,960	35,080	27,216	100	55	49	60	17,189	16,330	Okla.
75,962	68,925	72,048	75,648	73,376	91	65	44	56	33,285	41,091	Tex.
24,262	17,083	17,488	21,689	16,082	111	66	51	65	11,036	10,448	Mt.
1,259	540	1,251	2,340	1,768	112	65	53	60	1,240	1,061	Mont.
1,225	1,056	1,332	1,184	1,138	103	68	53	69	628	785	Idaho.
2,071	1,066	2,480	2,880	1,771	120	60	50	68	1,440	1,204	Wyo.
15,771	11,169	8,536	11,655	8,043	110	63	46	61	5,361	4,006	Colo.
2,928	2,185	2,740	2,606	2,552	111	75	62	72	1,616	1,837	N. Mex.
502	490	495	462	275	112	86	79	80	365	220	Ariz.
457	525	594	500	475	118	80	68	82	340	390	Utah.
49	52	60	62	60	115	88	74	75	46	45	NeV.
5,457	5,154	5,470	4,687	5,035	105	69	64	77	3,016	3,875	Pac.
1,168	1,054	1,184	1,015	1,104	100	67	56	73	568	806	Wash.
1,904	1,922	2,178	1,595	1,891	97	65	61	76	973	1,437	Oreg.
2,385	2,178	2,108	2,077	2,040	114	75	71	80	1,475	1,632	Calif.

<sup>1</sup> Includes unredeemed corn loans at average loan value.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.



## No. 680.—WHEAT—ACREAGE, PRODUCTION,

NOTE.—Weight of a bushel of wheat, 60 pounds. Prices are weighted

DIVISION AND STATE	ACREAGE HARVESTED					YIELD PER ACRE				
	1928-1937, average	1936	1937	1938	1939 <sup>1</sup>	1928-1937, average	1936	1937	1938	1939 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bus.	Bus.	Bus.	Bus.	Bus.
United States.....	65,804	48,868	64,422	69,869	53,696	13.4	12.8	13.6	13.3	14.1
New England.....	5	7	4	4	4	20.6	17.0	19.0	17.0	21.0
Maine.....	5	7	4	4	4	20.6	17.0	19.0	17.0	21.0
Middle Atlantic.....	1,299	1,376	1,484	1,414	1,251	19.2	19.4	22.4	21.9	21.6
New York.....	260	282	346	303	273	19.9	20.4	23.9	24.9	23.4
New Jersey.....	55	61	65	61	52	21.3	21.0	22.5	22.0	22.5
Pennsylvania.....	984	1,033	1,073	1,060	926	18.8	19.0	22.0	21.0	21.0
East North Central.....	6,447	6,963	8,362	7,476	6,134	18.2	18.1	17.6	18.5	19.7
Ohio.....	1,851	2,177	2,432	2,351	1,906	19.3	18.5	19.0	19.5	19.5
Indiana.....	1,659	1,775	2,171	1,803	1,534	16.9	17.5	16.0	16.0	18.0
Illinois.....	2,008	2,082	2,617	2,259	1,865	17.1	17.5	17.5	18.5	20.9
Michigan.....	822	823	1,011	913	739	19.8	20.3	18.5	21.4	20.9
Wisconsin.....	107	106	131	120	90	17.1	13.9	15.6	16.7	15.0
West North Central.....	28,217	22,579	32,704	36,439	26,800	11.8	11.0	11.3	10.8	11.5
Minnesota.....	1,376	1,736	2,100	2,016	1,595	13.3	9.9	10.0	14.9	13.9
Iowa.....	413	407	817	583	390	17.8	20.7	17.9	15.9	16.6
Missouri.....	1,774	2,095	3,198	2,432	1,773	13.7	15.0	13.3	13.0	16.5
North Dakota.....	8,017	3,690	7,018	8,512	7,835	8.5	5.2	8.1	9.0	10.7
South Dakota.....	2,575	840	2,738	3,108	2,245	7.9	5.1	5.6	9.1	8.7
Nebraska.....	3,182	3,338	3,601	4,601	3,199	14.0	14.2	13.1	11.9	11.4
Kansas.....	10,680	10,464	13,172	14,497	9,713	12.5	11.5	12.0	10.5	11.5
South Atlantic.....	1,840	2,237	2,193	2,123	1,924	14.1	13.8	14.4	14.5	14.3
Delaware.....	91	80	86	83	72	17.4	16.5	16.0	20.0	18.0
Maryland.....	447	440	476	471	377	18.5	20.0	19.0	20.0	19.5
Virginia.....	613	629	648	609	518	14.3	12.5	15.0	14.0	14.5
West Virginia.....	134	164	171	166	145	14.7	13.5	16.0	15.0	14.5
North Carolina.....	424	580	493	473	425	10.6	9.8	11.8	11.5	12.0
South Carolina.....	112	184	140	161	210	9.8	8.0	9.5	11.0	11.5
Georgia.....	119	195	170	170	177	8.8	8.0	8.5	10.0	10.0
East South Central.....	704	891	1,099	1,076	719	12.3	12.3	15.5	13.2	11.5
Kentucky.....	331	421	552	580	354	13.6	14.0	18.5	15.0	11.5
Tennessee.....	368	464	540	491	368	10.9	10.7	12.5	11.0	11.5
Alabama.....	5	6	7	5	6	10.0	9.0	11.0	13.0	12.0
West South Central.....	7,005	5,988	8,643	9,571	7,123	11.4	7.9	12.5	10.2	12.4
Arkansas.....	54	70	100	70	41	9.2	8.5	10.5	8.5	9.5
Oklahoma.....	3,940	3,440	4,610	5,007	4,317	11.7	8.0	14.2	11.0	14.0
Texas.....	3,002	2,458	3,933	3,894	2,765	10.2	7.7	10.6	9.0	10.0
Mountain.....	6,326	4,830	5,791	7,744	6,480	18.4	11.5	13.6	17.6	15.8
Montana.....	3,352	2,239	2,624	4,268	3,664	10.0	6.1	8.4	16.2	15.4
Idaho.....	1,100	1,112	1,153	1,159	892	22.1	20.5	24.6	27.9	25.3
Wyoming.....	247	154	266	354	276	11.1	9.8	11.5	12.8	10.2
Colorado.....	1,063	853	1,136	1,315	1,072	12.0	12.5	13.3	14.5	11.4
New Mexico.....	257	146	260	263	264	6.9	7.0	11.7	10.3	10.1
Arizona.....	35	48	45	50	35	22.2	25.0	22.0	22.0	23.0
Utah.....	257	261	279	263	226	19.9	17.8	19.6	22.9	17.7
Nevada.....	15	17	19	22	20	24.9	21.2	25.5	23.7	25.6
Pacific.....	3,861	4,022	4,142	4,022	3,262	16.6	20.8	21.5	22.6	21.9
Washington.....	2,214	2,164	2,317	2,205	1,901	19.8	21.5	21.9	24.8	23.1
Oregon.....	967	1,000	993	1,068	775	19.3	20.3	20.6	22.0	21.7
California.....	680	858	832	749	586	18.5	19.5	21.5	17.0	18.0

<sup>1</sup> Preliminary.

AND VALUE, BY STATES: 1928 TO 1939

average prices received by farmers for the crop-marketing season

PRODUCTION					PRICE FOR CROP OF—				FARM VALUE		DIVISION AND STATE
1928-1937, average	1936	1937	1938	1939 <sup>1</sup>	1936	1937	1938 <sup>2</sup>	1939 <sup>2</sup>	1935	1939 <sup>1</sup>	
1,000 bushels 752, 952	1,000 bushels 626, 766	1,000 bushels 876, 676	1,000 bushels 931, 702	1,000 bushels 764, 971	Cts. per bu. 103	Cts. per bu. 98	Cts. per bu. 86	Cts. per bu. 69	1,000 dollars 522, 639	1,000 dollars 521, 948	
96 96	119 119	76 76	88 88	84 84	160 160	142 142	118 118	123 123	80 80	103 103	U. S.
24, 882 5, 194 1, 202 18, 486	26, 639 5, 743 1, 281 19, 615	33, 311 8, 276 1, 462 23, 573	30, 907 7, 533 1, 342 22, 032	26, 673 6, 382 1, 170 19, 421	109 103 109 100	98 99 105 97	85 85 83 82	82 82 83 82	20, 170 4, 803 853 14, 321	22, 129 5, 233 971 15, 925	N. E. Maine. M. A. N. Y. N. J. Pa.
117, 460 36, 568 28, 440 34, 534 16, 086 1, 823	125, 928 40, 278 31, 042 36, 436 16, 702 1, 469	147, 223 46, 136 34, 718 45, 608 18, 658 2, 043	138, 586 46, 420 28, 848 41, 792 19, 519 2, 007	120, 557 37, 150 27, 612 30, 021 15, 424 1, 350	104 105 102 102 107 120	101 101 101 103 95 99	61 62 59 68 89 86	71 73 68 70 76 70	84, 134 28, 780 17, 020 25, 493 11, 516 1, 325	86, 013 27, 120 18, 776 27, 315 11, 722 1, 080	E. N. C. Ohio. Ind. Ill. Mich. Wis.
334, 371 20, 391 7, 401 24, 376 73, 737 23, 680 46, 254 138, 072	248, 081 17, 137 8, 407 31, 407 19, 235 4, 286 47, 339 120, 270	370, 570 35, 734 14, 649 42, 515 57, 006 15, 381 47, 184 168, 052	382, 491 38, 043 9, 284 31, 000 76, 384 28, 377 55, 714 152, 184	308, 358 22, 103 6, 490 29, 241 84, 062 10, 424 30, 376 111, 037	105 122 105 105 117 116 105 100	99 105 102 95 95 98 101	88 73 66 87 86 84 87	88 73 66 76 66 67 66	219, 405 23, 369 5, 385 18, 012 40, 434 15, 324 30, 086 86, 745	210, 227 16, 139 4, 283 19, 299 58, 843 13, 697 24, 372 73, 694	W. N. C. Minn. Iowa. Mo. N. Dak. S. Dak. Neb. Kans.
27, 317 1, 590 8, 419 8, 764 1, 083 4, 496 1, 054 1, 011	28, 701 1, 419 8, 986 7, 862 2, 214 5, 194 1, 472 1, 560	31, 554 1, 376 9, 044 9, 720 2, 736 5, 817 1, 416 1, 445	30, 857 1, 660 9, 420 8, 526 2, 340 5, 440 1, 771 1, 700	27, 546 1, 298 7, 352 7, 511 2, 102 5, 100 2, 415 1, 770	110 103 106 104 103 116 101 104	108 100 102 105 105 116 117 121	72 78 68 72 74 82 81 85	85 1, 040 5, 935 6, 139 1, 732 4, 461 1, 435 1, 428	22, 178 1, 011 5, 735 6, 010 1, 829 4, 641 2, 083 1, 504	23, 383 1, 011 5, 735 6, 010 1, 829 4, 641 2, 083 1, 504	S. A. Del. Md. Va. W. Va. N. C. S. C. Ga.
8, 662 4, 623 3, 989 50	10, 808 5, 894 4, 858 54	17, 039 10, 212 6, 750 77	14, 188 8, 700 5, 401 65	8, 260 4, 071 4, 117 72	109 103 116 108	106 106 107 120	98 94 85 84	80 74 85 86	6, 620 5, 568 3, 997 85	6, 674 3, 013 3, 499 62	E. S. C. Ky. Tenn. Ala.
79, 582 490	47, 049 595	108, 202 1, 050	97, 318 595	88, 478 360	96 102	96 101	86 84	89 68	54, 896 381	61, 117 295	W. S. C. Ark. Okla. Tex.
47, 054 32, 038	27, 320 18, 927	65, 432 41, 690	61, 677 35, 046	60, 438 27, 650	99 100	96 96	86 78	85 82	34, 559 19, 976	39, 285 21, 567	
84, 880 35, 217 24, 524 2, 847	55, 749 13, 656 22, 764 1, 511	79, 565 21, 918 28, 360 3, 060	136, 490 69, 522 32, 332 4, 515	102, 527 56, 608 22, 624 2, 812	101 122 89 111	86 98 71 91	47 47 45 48	62 69 80 82	64, 680 32, 076 14, 549 2, 167	63, 981 35, 097 13, 574 1, 772	Mt. Mont. Idaho. Wyo. Colo. N. Mex.
13, 130 2, 892 776 5, 131 373	10, 691 1, 023 1, 104 4, 639 361	15, 155 3, 139 900 5, 465 484	10, 098 2, 718 1, 100 6, 713 522	12, 217 2, 900 805 3, 989 512	100 98 89 103 99	91 102 100 79 96	49 58 74 48 64	64 64 77 66 73	9, 343 1, 576 814 3, 222 334	7, 819 2, 072 620 2, 633 374	Utah. Nev.
75, 695 43, 720 10, 254 12, 712	63, 703 46, 632 20, 340 16, 731	89, 136 60, 824 20, 424 17, 888	90, 816 54, 500 23, 496 12, 733	71, 158 43, 822 16, 818 10, 548	91 91 90 93	79 75 77 95	52 65 53 65	69 68 71 76	47, 478 26, 749 12, 453 8, 276	48, 441 28, 484 11, 941 8, 016	Pac. Wash. Oreg. Calif.

<sup>1</sup> Includes unredeemed wheat loans at average loan value.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

NO. 681.—TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1928 TO 1939

NOTE.—Prices are weighted average prices received by farmers for the crop-marketing season

STATE	ACREAGE HARVESTED					YIELD PER ACRE				
	1928-1937, average	1936	1937	1938	1939 <sup>1</sup>	1928-1937, average	1936	1937	1938	1939 <sup>1</sup>
United States..	1,700.3	1,438.3	1,750.6	1,599.3	2,014.5	Pounds 803	Pounds 803	Pounds 898	Pounds 860	Pounds 916
Massachusetts.....	6.3	4.3	5.9	6.0	6.3	1,432	1,542	1,400	1,131	1,571
Connecticut.....	17.9	14.5	17.2	16.7	17.4	1,380	1,450	1,293	971	1,443
New York.....	.9	.6	.9	1.2	1.5	1,212	1,325	1,275	1,400	1,360
Pennsylvania.....	31.1	24.2	23.7	24.2	27.2	1,228	1,450	1,223	1,327	1,322
Ohio.....	37.6	24.5	30.9	27.3	32.0	891	876	925	875	947
Indiana.....	13.2	5.7	13.6	11.6	13.2	798	700	860	826	890
Wisconsin.....	24.9	13.0	18.4	24.7	22.3	1,316	1,450	1,364	1,324	1,408
Minnesota.....	.9	.2	.4	.7	.7	1,135	1,000	1,150	1,100	1,200
Missouri.....	5.7	4.0	6.0	6.5	6.8	900	730	925	950	925
Kansas.....	3.3	.2	.2	.5	.6	812	725	850	950	850
Maryland.....	35.7	37.5	35.0	37.5	38.2	704	820	650	780	780
Virginia.....	141.9	125.1	148.0	135.4	172.1	701	773	757	730	838
West Virginia.....	4.9	2.4	4.9	3.5	3.6	680	675	725	690	760
North Carolina.....	645.8	597.0	684.0	612.1	864.1	766	766	884	845	939
South Carolina.....	102.5	90.0	112.0	104.0	144.0	779	815	955	950	925
Georgia.....	70.1	86.0	80.6	88.2	126.1	816	970	931	1,031	761
Florida.....	9.0	10.4	19.6	19.5	33.0	843	928	856	1,009	720
Kentucky.....	411.8	306.7	411.5	361.4	384.9	780	706	837	800	801
Tennessee.....	129.8	93.0	137.5	117.8	119.9	838	810	893	838	917
Alabama.....			.3	.5	.6			817	818	683

STATE	PRODUCTION					PRICE FOR CROP OF—				FARM VALUE	
	1928-1937, average	1936	1937	1938	1939 <sup>1</sup>	1936	1937	1938	1939 <sup>1</sup>	1936	1939 <sup>1</sup>
United States..	1,360,400	1,156,328	1,562,898	1,375,823	1,848,654	Cts. per lb.	Cts. per lb.	Cts. per lb.	Cts. per lb.	1,000 dolls.	1,000 dolls.
United States..	1,360,400	1,156,328	1,562,898	1,375,823	1,848,654	23.6	20.4	18.7	15.4	269,184	285,038
Massachusetts.....	8,891	6,629	8,262	3,786	9,890	30.2	26.6	22.2	32.2	1,228	3,188
Connecticut.....	24,461	21,151	22,240	16,223	25,116	38.0	34.0	30.5	39.0	3,512	9,789
New York.....	1,046	795	1,148	1,680	2,025	10.5	9.9	10.9	10.6	183	215
Pennsylvania.....	37,923	33,660	28,990	32,110	35,967	11.5	10.4	13.6	13.9	4,361	4,900
Ohio.....	33,294	21,455	28,587	23,885	30,295	15.1	13.5	13.4	12.4	3,106	3,750
Indiana.....	10,548	3,900	11,600	9,683	11,868	27.0	18.7	17.1	15.7	1,638	1,863
Wisconsin.....	32,098	18,846	25,102	32,710	31,406	9.7	11.3	7.5	12.1	2,454	3,815
Minnesota.....	1,080	200	460	770	840	9.9	11.0	7.0	9.0	54	76
Missouri.....	5,201	2,920	5,560	6,175	6,290	32.0	24.0	18.1	13.0	1,118	818
Kansas.....	244	145	170	475	510	25.0	21.0	19.0	15.0	90	70
Maryland.....	25,217	30,750	22,750	20,250	29,796	25.4	17.2	18.5	19.0	5,411	5,661
Virginia.....	98,075	96,734	111,969	98,008	143,847	21.3	19.1	19.4	14.2	10,167	20,470
West Virginia.....	3,400	1,620	3,552	2,415	2,736	31.2	16.6	18.0	18.2	435	498
North Carolina.....	493,927	457,375	604,590	517,210	811,675	23.0	24.0	22.6	15.3	116,736	123,868
South Carolina.....	70,624	73,350	108,080	98,800	133,200	19.9	20.8	22.2	14.6	21,934	19,447
Georgia.....	66,787	83,445	75,013	90,950	95,986	21.3	20.0	20.7	13.1	18,869	12,614
Florida.....	8,399	9,630	16,786	10,684	23,760	31.7	26.1	27.1	17.3	5,325	4,108
Kentucky.....	321,370	216,438	364,945	289,115	343,100	29.2	17.6	17.1	15.8	49,373	54,078
Tennessee.....	108,818	76,205	122,757	98,687	109,928	25.2	15.7	14.2	14.2	14,032	15,654
Alabama.....			245	409	410		19.2	19.1	12.0	78	40

<sup>1</sup> Preliminary.

<sup>2</sup> Short-time average.

<sup>3</sup> Including loss after harvest as result of hurricane and flood, estimated as follows: Mass., 1,258,000 pounds; Conn., 4,667,000 pounds.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

NO. 682.—WHEAT, SPRING AND WINTER—ACREAGE AND PRODUCTION: 1921 TO 1939

[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		Production	Yield per acre (bushels)
	Seeded <sup>1</sup>	Harvested			Seeded	Harvested		
1921	45,479	43,160	602,793	14.0	22,202	21,409	216,171	10.1
1922	47,415	41,649	571,459	13.7	19,748	19,748	275,190	13.9
1923	45,488	38,712	555,299	14.3	19,102	18,208	204,183	11.2
1924	38,038	35,418	573,503	16.2	17,068	17,045	208,054	15.7
1925	40,922	31,964	400,619	12.5	20,816	20,479	268,081	13.1
1926	40,604	37,597	631,607	16.8	20,108	19,019	200,066	10.5
1927	44,134	38,195	548,188	14.4	21,527	21,433	326,871	15.3
1928	48,431	36,853	570,066	15.7	22,721	22,373	335,807	15.0
1929	43,967	41,194	586,239	14.2	22,873	22,138	236,978	10.7
1930	45,932	41,069	633,605	15.4	22,118	21,545	252,365	11.7
1931	45,647	43,448	825,396	19.0	20,351	14,233	116,278	8.2
1932	43,371	36,056	491,795	13.6	22,542	21,783	265,132	12.2
1933	44,445	30,272	376,518	12.4	24,040	19,166	175,165	9.1
1934	44,585	34,638	437,963	12.6	18,977	8,702	88,430	10.1
1935	47,064	33,402	465,319	13.9	22,143	17,827	161,025	9.0
1936	49,765	37,687	519,374	13.8	23,959	11,176	106,892	9.6
1937	57,656	46,978	685,324	14.6	23,416	17,444	189,852	10.9
1938	56,539	49,786	688,133	13.8	23,026	20,083	243,569	12.1
1939 <sup>1</sup>	46,364	37,802	563,431	14.9	17,532	15,894	191,540	12.1

<sup>1</sup> Seeded in preceding fall.

<sup>1</sup> Preliminary.

NO. 683.—SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1928 TO 1939

NOTE.—Weight of a bushel of sweetpotatoes, 55 pounds. Prices are weighted average prices received by farmers for the crop-marketing season

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1928-1937, average	1938	1939 <sup>1</sup>	1928-1937, average	1938	1939 <sup>1</sup>	1928-1937, average	1938	1939 <sup>1</sup>	1938	1939 <sup>1</sup>	1938	1939 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
United States	885	883	862	85	87	84	70,690	76,847	72,679	73	76	56,138	54,974
New Jersey	15	14	15	140	105	155	2,078	1,470	2,325	116	85	1,705	1,970
Indiana	4	3	3	104	115	105	426	345	315	94	101	324	318
Illinois	6	6	6	84	103	88	507	648	523	61	82	305	433
Iowa	3	3	3	87	100	90	238	300	270	87	97	261	262
Missouri	11	12	13	80	85	85	880	1,020	1,105	73	81	745	895
Kansas	5	3	3	93	125	80	440	375	240	75	89	281	214
Delaware	7	5	5	128	100	135	863	500	675	85	64	425	432
Maryland	8	8	9	140	130	160	1,156	1,040	1,440	80	70	832	1,008
Virginia	37	34	32	115	105	129	4,285	3,570	4,128	64	61	2,285	2,518
North Carolina	84	81	77	95	108	112	7,896	8,748	8,624	62	65	5,424	5,606
South Carolina	59	66	67	85	98	102	4,965	6,468	6,334	63	66	4,075	4,510
Georgia	111	123	117	73	75	76	8,102	9,225	8,392	83	73	7,657	6,491
Florida	21	20	19	70	70	60	1,408	1,400	1,140	91	81	1,274	923
Kentucky	21	24	24	83	95	82	1,719	2,280	1,068	74	87	1,687	1,712
Tennessee	57	53	47	90	103	79	5,122	5,459	3,713	64	81	3,494	3,008
Alabama	88	107	110	83	80	80	7,312	8,560	8,300	80	80	6,848	7,040
Mississippi	76	87	33	92	89	74	6,939	7,743	6,142	70	79	5,420	4,852
Arkansas	38	43	40	76	75	67	2,820	3,225	2,680	77	91	2,488	2,439
Louisiana	92	99	95	70	70	73	6,471	6,930	6,935	64	63	4,435	4,369
Oklahoma	18	21	21	67	70	45	1,226	1,470	945	91	104	1,338	983
Texas	63	58	63	73	75	60	4,630	4,350	3,780	75	96	3,232	3,629
California	11	13	10	103	117	120	1,116	1,821	1,200	101	113	1,536	1,356

<sup>1</sup> Preliminary.

Source of tables 682 and 683: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

## No. 684.—OATS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1928 TO 1939

NOTE.—Weight of a bushel of oats, 32 pounds. Prices are weighted average prices received by farmers for the crop-marketing season

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1928-1937, average	1938	1939	1928-1937, average	1938	1939	1928-1937, average	1938	1939	1938	1939	1938	1939
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bushels	1,000 bushels	1,000 bushels	Cts. per bu.	Cts. per bu.	1,000 dollars	1,000 dollars
United States.....	37,462	35,681	33,070	27.7	30.0	28.8	1,049,300	1,068,431	937,215	24	31	253,455	291,294
New England.....	200	192	201	34.5	33.0	35.9	6,892	6,344	7,206	43	49	2,705	3,502
Maine.....	118	114	121	36.7	34.0	38.0	4,332	3,876	4,598	41	45	1,589	2,060
New Hampshire.....	8	8	7	37.4	36.0	37.0	284	288	259	45	55	130	142
Vermont.....	60	59	57	31.0	31.0	33.0	1,852	1,730	1,881	45	55	781	1,035
Massachusetts.....	5	6	7	32.5	34.0	33.0	166	204	231	46	55	94	127
Rhode Island.....	2	2	2	31.7	30.0	31.0	63	60	62	46	54	28	33
Connecticut.....	7	6	7	28.8	30.0	25.0	195	180	175	46	55	83	90
Middle Atlantic.....	1,816	1,745	1,733	27.7	33.5	30.8	50,353	58,464	53,340	35	42	20,450	22,391
New York.....	837	782	782	27.4	34.0	33.0	23,077	26,588	25,806	35	42	9,306	10,839
New Jersey.....	45	48	45	29.4	25.5	28.0	1,339	1,224	1,260	34	41	416	517
Pennsylvania.....	934	915	906	27.8	33.5	29.0	25,937	30,652	26,274	35	42	10,723	11,035
East North Central.....	11,101	9,655	8,471	30.7	31.2	31.4	340,303	301,668	265,639	26	32	76,869	56,819
Ohio.....	1,575	1,121	1,020	30.6	33.0	32.5	48,830	36,993	33,150	26	34	9,613	11,271
Indiana.....	1,749	1,310	1,089	27.4	26.0	25.0	49,177	34,000	25,225	23	31	7,834	7,820
Illinois.....	3,960	3,545	3,117	31.1	31.5	30.0	125,119	111,008	93,540	23	30	25,684	28,062
Michigan.....	1,352	1,224	1,139	28.8	35.0	37.5	39,160	42,840	42,712	29	34	12,424	14,522
Wisconsin.....	2,475	2,455	2,185	31.5	31.0	32.5	78,017	70,105	71,012	28	34	21,300	24,144
West North Central.....	18,610	18,150	18,789	27.8	30.5	27.9	517,393	553,199	488,355	19	27	106,518	127,741
Minnesota.....	4,287	3,900	3,939	31.0	33.0	38.5	134,433	128,700	151,652	19	26	24,453	39,430
Iowa.....	5,945	5,972	5,076	32.2	33.0	30.5	193,940	200,020	154,818	10	28	39,714	43,349
Missouri.....	1,616	1,938	1,860	21.2	24.0	22.0	34,737	40,512	40,920	23	29	10,608	11,867
North Dakota.....	1,529	1,391	1,602	18.7	22.5	23.5	30,695	31,298	35,297	16	23	5,008	8,118
South Dakota.....	1,676	1,664	1,627	21.0	30.0	27.0	41,218	45,020	43,929	17	25	7,076	10,982
Nebraska.....	2,113	1,897	1,419	21.9	29.5	14.5	49,924	55,076	20,576	19	32	10,464	6,584
Kansas.....	1,444	1,518	1,366	22.5	23.5	15.5	32,537	35,073	21,173	23	35	8,205	7,411
South Atlantic.....	1,234	1,377	1,374	20.1	22.8	22.2	24,764	31,181	30,552	42	43	13,064	13,239
Delaware.....	3	3	3	30.0	32.0	29.0	90	90	87	39	46	37	40
Maryland.....	49	41	41	28.0	32.0	27.5	1,364	1,312	1,128	38	44	499	490
Virginia.....	116	92	80	19.4	21.5	20.0	2,287	1,978	1,600	40	48	791	708
West Virginia.....	111	86	73	19.8	21.0	20.0	2,213	1,806	1,480	43	46	777	672
North Carolina.....	209	253	263	18.6	22.0	22.5	3,900	5,566	5,692	43	47	2,393	2,675
South Carolina.....	401	467	490	21.2	22.8	23.5	8,488	10,648	11,515	42	39	4,472	4,401
Georgia.....	337	426	426	18.8	22.5	21.0	6,297	9,585	8,946	42	45	4,026	4,026
Florida.....	8	9	8	14.5	15.5	15.5	114	140	124	49	57	69	71
East South Central.....	374	349	349	17.8	22.9	22.8	6,588	8,000	7,971	43	44	3,470	3,534
Kentucky.....	131	70	56	16.2	19.5	17.0	2,106	1,365	952	35	42	473	400
Tennessee.....	100	85	85	15.7	20.0	17.0	1,596	1,700	1,445	39	43	663	621
Alabama.....	102	132	182	18.3	24.0	21.5	1,008	3,168	2,838	49	49	1,552	1,301
Mississippi.....	41	62	76	21.4	28.5	36.0	918	1,767	2,736	44	41	777	1,122
West South Central.....	2,814	2,912	2,872	32.3	33.4	30.3	62,780	68,282	64,432	26	33	17,515	18,228
Arkansas.....	134	135	136	32.0	19.0	22.0	2,585	2,555	2,904	36	38	923	1,104
Louisiana.....	29	50	52	24.2	27.0	32.0	718	1,350	1,604	37	40	500	666
Oklahoma.....	1,221	1,307	1,242	20.6	21.0	17.0	25,232	27,447	21,114	25	33	6,862	6,968
Texas.....	1,430	1,420	1,250	23.4	26.0	23.0	34,245	36,920	28,750	25	33	9,230	9,488
Mountain.....	757	753	762	27.2	33.4	29.9	20,578	24,517	22,820	27	31	6,803	7,120
Montana.....	265	255	291	32.2	36.0	27.5	6,069	9,680	8,002	25	28	2,295	2,241
Idaho.....	136	126	164	35.4	39.0	38.0	4,805	4,914	6,232	26	28	1,273	1,745
Wyoming.....	113	114	88	24.3	27.0	26.0	2,351	3,078	2,288	28	35	862	801
Colorado.....	162	163	145	27.7	31.0	29.0	4,504	5,053	4,205	27	36	1,364	1,514
New Mexico.....	25	30	29	23.2	22.0	22.0	875	6,000	6,338	36	39	238	249
Arizona.....	10	10	10	27.5	26.0	23.0	283	200	230	40	42	104	97
Utah.....	38	28	28	36.0	39.0	35.0	1,391	1,092	980	31	37	339	363
Nevada.....	3	7	7	35.0	40.0	35.0	96	280	245	44	45	123	110
Pacific.....	545	548	715	38.1	30.7	37.6	19,843	16,828	26,890	37	36	6,261	9,722
Washington.....	162	153	229	43.8	42.5	49.0	7,879	6,715	11,221	35	36	2,350	4,040
Oregon.....	274	269	350	32.2	25.0	33.5	8,794	6,725	11,725	38	35	2,556	4,104
California.....	109	121	136	26.8	28.0	29.0	2,975	3,388	3,944	40	40	1,355	1,578

¹ Preliminary.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

No. 685.—BARLEY AND RICE—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1928 to 1939

NOTE.—Weight of a bushel of barley, 48 pounds; rice (rough), 45 pounds. Prices are weighted average prices received by farmers for the crop-marketing season

BARLEY

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1928-1937, average	1938	1939	1928-1937, average	1938	1939	1928-1937, average	1938	1939	1938	1939	1938	1939
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bushels	1,000 bushels	1,000 bushels	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
United States...	11,017	10,513	12,800	30.7	24.1	21.9	333,021	253,005	276,298	37	40	92,609	111,159
New England.....	8	9	9	27.0	26.0	23.4	216	261	256	67	69	175	175
Maine.....	4	4	4	29.2	29.0	29.0	114	116	116	70	70	81	81
Vermont.....	4	5	5	26.4	29.0	23.0	102	145	140	65	67	94	94
Middle Atlantic.....	223	217	275	24.3	29.5	23.2	5,429	6,405	7,750	49	53	3,118	4,079
New York.....	165	146	146	23.7	29.5	27.0	3,934	4,307	3,942	48	54	2,067	2,129
New Jersey.....	1	2	5	27.1	31.0	30.0	27	62	150	53	56	33	84
Pennsylvania.....	57	69	124	25.4	29.5	29.5	1,468	2,036	3,658	50	51	1,018	1,866
East North Central.....	1,409	1,125	1,240	25.9	30.3	27.9	36,450	34,101	34,656	61	49	17,237	17,112
Ohio.....	84	28	50	23.3	25.0	25.0	2,051	700	1,250	42	44	294	550
Indiana.....	36	25	43	20.2	20.0	21.0	732	500	903	44	45	220	406
Illinois.....	280	135	169	24.8	30.0	24.5	7,291	4,050	4,140	41	41	1,660	1,697
Michigan.....	226	166	199	22.5	27.5	26.0	5,116	4,565	5,771	48	47	2,191	2,712
Wisconsin.....	783	771	779	27.4	31.5	29.0	21,260	24,280	22,550	53	52	12,372	11,747
West North Central.....	6,928	6,401	7,773	18.9	22.2	19.9	130,932	142,355	154,407	31	36	44,143	55,121
Minnesota.....	1,084	1,000	2,136	21.9	24.5	28.0	44,091	48,020	69,808	35	38	10,807	22,727
Iowa.....	542	447	563	24.5	30.5	24.5	13,729	13,634	13,704	34	30	4,636	4,066
Missouri.....	38	102	163	17.4	19.0	21.0	678	1,938	3,423	41	45	795	1,540
North Dakota.....	1,853	1,254	1,655	14.0	17.0	18.5	28,947	21,318	30,618	26	29	5,543	8,879
South Dakota.....	1,452	1,329	1,449	15.2	22.0	17.0	25,253	29,238	24,633	29	34	8,479	8,375
Nebraska.....	647	916	1,127	18.0	23.5	13.0	11,882	21,526	14,651	27	38	5,812	5,567
Kansas.....	413	393	680	14.1	17.0	11.0	6,352	6,681	7,480	31	41	2,071	3,067
South Atlantic.....	80	118	173	25.0	26.3	23.6	2,000	3,046	4,945	53	53	1,806	2,842
Maryland.....	27	43	72	29.2	30.5	30.0	795	1,312	2,160	48	48	630	1,037
Virginia.....	34	55	80	25.3	24.0	29.0	831	1,320	2,320	55	57	726	1,322
West Virginia.....	4	8	10	24.2	28.0	24.5	99	224	245	53	51	119	125
North Carolina.....	16	10	11	18.0	19.0	20.0	275	190	220	69	72	131	158
East South Central.....	36	83	108	19.2	20.8	19.7	729	1,728	2,054	56	59	972	1,227
Kentucky.....	14	39	51	22.1	24.0	22.0	320	936	1,122	54	57	505	640
Tennessee.....	24	44	55	17.6	18.0	17.5	409	792	932	59	61	467	587
West South Central.....	239	319	375	16.2	13.1	15.7	3,373	5,783	9,003	36	38	2,092	3,450
Oklahoma.....	89	180	378	15.0	19.0	16.0	1,360	3,420	6,048	37	37	1,265	2,238
Texas.....	160	139	197	16.2	17.0	15.0	2,518	2,363	2,955	35	41	827	1,212
Mountain.....	859	941	942	22.6	27.9	25.5	19,423	28,296	24,006	33	43	8,740	10,550
Montana.....	160	127	212	18.3	29.0	24.0	2,855	3,683	5,088	33	37	1,215	1,883
Idaho.....	126	129	155	33.3	38.0	36.0	4,201	4,902	5,580	33	30	1,618	2,176
Wyoming.....	80	66	65	21.0	26.0	24.0	1,679	1,716	1,500	37	47	635	733
Colorado.....	427	510	388	18.9	23.5	19.5	8,075	11,985	7,566	30	46	3,596	3,480
New Mexico.....	7	8	8	20.5	21.0	20.0	151	168	160	45	48	76	77
Arizona.....	21	26	34	30.4	31.0	33.0	630	806	1,122	48	48	387	539
Utah.....	42	62	65	37.5	41.0	37.0	1,593	2,542	2,405	38	49	966	1,178
Nevada.....	6	13	15	36.9	38.0	35.0	239	494	525	50	54	247	284
Pacific.....	1,232	1,302	1,507	27.6	25.4	26.0	33,971	33,080	39,192	44	43	14,626	17,003
Washington.....	55	64	96	31.4	32.5	32.5	1,737	2,080	3,120	42	46	874	1,411
Oregon.....	91	136	177	29.4	25.0	29.5	2,686	3,400	5,222	45	50	1,530	2,635
California.....	1,086	1,102	1,234	27.0	25.0	25.0	29,548	27,560	30,850	44	42	12,122	12,967

RICE (ROUGH)

United States...	913	1,076	1,039	47.5	48.8	50.3	43,387	52,506	52,306	64	77	33,714	40,424
Arkansas.....	102	189	171	50.3	51.4	51.0	8,178	9,715	8,721	62	76	6,023	6,628
Louisiana.....	454	494	479	40.0	42.0	43.0	18,128	20,748	20,597	65	78	13,486	16,066
Texas.....	181	268	209	50.9	51.0	52.0	9,215	13,608	13,983	69	83	9,431	11,610
California.....	116	125	120	67.6	67.0	75.0	7,827	8,375	9,000	67	68	4,774	6,120

1 Preliminary.

2 Short-time average.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

No. 686.—RYE AND GRAIN SORGHUMS—ACREAGE, PRODUCTION, AND VALUE,  
BY STATES: 1928 TO 1939

NOTE.—Weight of a bushel of rye, 56 pounds; grain sorghums, 56 and 50 pounds. Prices are average (for rye, weighted average) prices received by farmers for the crop-marketing season

## RYE

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1928-1937, average	1938	1939 <sup>1</sup>	1928-1937, average	1938	1939 <sup>1</sup>	1928-1937, average	1938	1939 <sup>1</sup>	1938	1939 <sup>1</sup>	1938	1939 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
United States.....	3, 179	4, 031	3, 811	11. 1	13. 8	10. 3	36, 330	55, 564	39, 249	34	44	18, 793	17, 238
New York.....	22	19	22	15. 4	17. 0	15. 5	342	323	341	55	61	178	208
New Jersey.....	25	22	23	17. 4	17. 0	17. 0	429	374	391	60	70	224	274
Pennsylvania.....	113	61	73	13. 7	14. 5	14. 5	1, 544	884	1, 058	56	62	495	656
Ohio.....	64	26	85	18. 5	13. 5	14. 5	895	351	1, 232	46	50	161	616
Indiana.....	118	110	134	11. 6	11. 5	12. 0	1, 370	1, 265	1, 608	43	44	544	708
Illinois.....	80	100	85	11. 9	13. 5	12. 5	971	1, 350	1, 100	41	39	554	429
Michigan.....	169	115	121	11. 7	13. 5	12. 5	1, 886	1, 552	1, 512	42	47	652	711
Wisconsin.....	228	330	238	10. 8	13. 0	10. 0	2, 515	4, 290	2, 380	40	50	1, 716	1, 190
Minnesota.....	408	547	525	14. 8	18. 0	14. 0	6, 138	9, 846	7, 350	32	40	3, 511	2, 940
Iowa.....	71	120	72	14. 6	15. 5	14. 5	1, 124	1, 860	1, 044	35	39	651	407
Missouri.....	29	37	42	14. 0	10. 0	10. 0	268	370	420	47	51	174	214
North Dakota.....	812	961	836	9. 0	13. 5	8. 5	8, 076	12, 974	7, 106	25	34	3, 244	2, 416
South Dakota.....	110	636	528	11. 6	16. 0	9. 0	3, 714	10, 176	4, 752	28	37	2, 840	1, 763
Nebraska.....	289	417	440	9. 2	11. 5	8. 0	2, 770	4, 796	3, 568	32	41	1, 535	1, 463
Kansas.....	33	65	67	10. 7	10. 5	10. 0	363	682	650	37	45	252	292
Delaware.....	6	7	9	12. 5	14. 0	13. 0	79	98	117	70	69	60	81
Maryland.....	19	14	20	13. 0	12. 5	12. 5	240	175	250	62	65	103	162
Virginia.....	51	38	48	11. 5	11. 5	12. 0	603	437	576	74	76	323	428
West Virginia.....	11	7	7	7. 5	12. 5	10. 5	135	88	74	64	67	56	80
North Carolina.....	64	58	61	7. 0	7. 0	7. 5	484	406	458	85	93	345	426
South Carolina.....	9	9	10	8. 3	9. 0	9. 5	75	81	95	115	108	93	103
Georgia.....	17	19	21	6. 0	6. 0	6. 5	103	114	136	104	104	119	141
Kentucky.....	18	18	14	10. 8	12. 5	9. 0	294	225	126	61	68	137	86
Tennessee.....	26	39	42	6. 8	7. 0	7. 0	180	273	294	71	81	194	238
Oklahoma.....	18	40	62	7. 9	8. 5	8. 5	141	340	527	46	42	156	221
Texas.....	3	4	7	10. 6	10. 5	8. 5	30	42	60	54	47	23	28
Montana.....	43	37	35	8. 7	16. 0	12. 0	415	592	420	24	32	142	134
Idaho.....	5	8	5	11. 0	12. 0	11. 0	57	96	55	35	52	34	29
Wyoming.....	43	55	66	7. 4	6. 5	8. 0	176	195	200	31	46	60	92
Colorado.....	43	65	66	7. 4	8. 5	6. 5	380	468	429	34	41	169	176
Utah.....	2	4	4	7. 5	9. 0	8. 0	18	36	32	45	60	16	19
Washington.....	20	13	26	8. 4	8. 5	10. 0	170	110	260	51	60	56	156
Oregon.....	31	50	45	12. 0	12. 5	12. 5	397	625	562	44	59	275	332
California.....	2 8	5	6	12. 4	14. 0	11. 0	2 100	70	66	54	66	38	44

GRAIN SORGHUMS<sup>3</sup>

United States.....	7, 268	7, 680	7, 055	11. 8	12. 9	10. 3	86, 286	99, 136	83, 102	39	58	38, 823	43, 403
Missouri.....	188	250	225	11. 5	14. 5	16. 0	2, 085	3, 025	3, 600	57	64	2, 066	2, 304
South Dakota.....	301	301	509	8. 0	8. 0	8. 0	2, 408	4, 072	4, 11	41	48	987	1, 955
Nebraska.....	92	326	541	10. 2	15. 0	10. 0	762	4, 890	5, 410	30	50	1, 760	2, 705
Kansas.....	1, 268	1, 343	1, 316	10. 6	11. 0	8. 5	12, 886	14, 773	11, 186	35	56	5, 171	6, 294
Arkansas.....	2 70	60	57	9. 4	9. 5	9. 5	602	570	542	45	69	256	320
Oklahoma.....	1, 441	1, 211	1, 200	9. 0	10. 5	8. 0	12, 932	12, 716	9, 600	44	64	5, 595	6, 141
Texas.....	3, 561	3, 238	3, 465	13. 3	14. 5	11. 0	47, 741	46, 951	38, 115	37	59	17, 372	22, 488
Colorado.....	227	421	253	8. 0	11. 0	8. 5	1, 816	4, 931	2, 150	34	56	1, 575	1, 204
New Mexico.....	305	350	350	11. 2	8. 5	13. 5	3, 484	2, 975	4, 725	38	50	1, 130	2, 362
Arizona.....	35	35	30	27. 1	31. 5	25. 3	947	1, 102	759	48	67	529	509
California.....	104	145	109	28. 4	31. 0	27. 0	2, 999	4, 495	2, 948	53	73	2, 382	2, 148

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.<sup>3</sup> For all purposes; yield and production include grain equivalent on forage acreage.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

No. 687.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1911 TO 1939

NOTE.—Cotton production excludes linters. Figures for production in some States differ slightly from Census figures on ginnings due to ginnings in 1 State of cotton grown in another. Where figures are not shown for 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 figures for individual years. Tons are of 2,000 pounds

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity	Farm value	Farm price per ton <sup>1</sup>	
	Thousands	Thousands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
<b>United States:</b>									
1911-1915	33,640	14,167	729,245	201	10.44	6,292	125,791	20.59	855,036
1916-1920	33,534	11,918	1,468,022	170	24.91	5,206	277,640	53.28	1,748,660
1921-1925	35,895	11,515	1,277,208	161	22.22	5,112	169,432	33.11	1,446,602
1926-1930	42,212	14,334	1,127,044	168	15.38	6,593	187,499	28.82	1,314,543
1931-1935	31,671	12,684	551,384	191	9.16	5,641	97,722	10.15	649,106
1934	26,866	9,636	595,615	172	12.36	4,282	141,732	33.10	737,347
1935	27,509	10,638	590,137	185	11.09	4,289	144,270	30.51	734,416
1936	29,755	12,309	764,433	199	12.33	5,511	183,336	33.27	947,769
1937	33,623	18,946	796,179	270	8.41	8,426	104,344	19.50	980,523
1938	24,248	11,943	513,638	236	8.60	5,310	115,095	21.79	629,333
1939	23,805	11,817	536,744	238	9.09	5,260	111,248	21.15	647,902
<b>Alabama:</b>									
1911-1915	3,570	1,463	74,980	194	10.45	650	13,350	21.48	88,330
1916-1920	2,450	643	81,882	126	24.96	285	16,533	57.43	98,415
1921-1925	2,797	804	95,312	146	22.47	384	13,050	34.56	108,302
1926-1930	3,438	1,319	97,732	183	15.20	586	10,770	29.27	114,511
1931-1935	2,597	1,068	47,543	199	9.17	475	10,770	18.73	56,113
1934	2,193	950	57,453	213	12.10	422	8,570	32.00	70,957
1935	2,243	1,050	56,673	226	10.70	471	12,794	27.10	69,437
1936	2,321	1,145	60,910	236	12.21	509	16,878	33.16	86,738
1937	2,604	1,631	69,582	290	8.53	726	13,931	19.23	83,543
1938	2,058	1,081	45,935	251	8.50	480	10,339	21.54	56,274
1939	2,020	785	36,143	186	9.21	349	7,406	21.22	43,549
<b>Arizona:</b>									
1917-1920	118	60	10,813	255	37.31	37	1,180	52.42	11,998
1921-1925	181	79	10,644	281	28.09	25	1,115	31.86	11,769
1926-1930	185	134	12,434	347	18.73	60	1,463	24.80	13,897
1931-1935	146	106	5,914	347	10.82	47	926	18.09	6,840
1934	136	117	8,159	410	13.97	52	1,549	20.79	9,708
1935	160	135	8,602	406	12.74	60	1,774	20.57	10,376
1936	208	191	11,850	438	12.43	85	2,852	33.55	14,702
1937	299	313	14,085	501	9.00	130	2,665	19.17	16,750
1938	203	196	9,118	462	9.31	87	1,829	21.02	10,947
1939	188	202	11,200	514	11.10	90	2,080	23.11	13,280
<b>Arkansas:</b>									
1911-1915	2,086	927	47,690	212	10.37	412	8,196	20.24	55,886
1916-1920	2,510	1,039	122,780	198	24.53	462	23,550	52.65	148,330
1921-1925	2,741	1,025	108,148	176	22.07	455	13,953	31.98	122,101
1926-1930	3,270	1,217	92,226	178	15.13	541	15,335	28.62	107,611
1931-1935	2,702	1,197	50,062	209	9.16	532	8,724	10.28	58,786
1934	2,107	869	53,157	192	12.23	386	12,753	33.04	65,010
1935	2,137	853	47,868	191	11.22	379	12,431	32.80	60,299
1936	2,490	1,205	78,748	249	12.16	576	20,097	34.89	98,845
1937	2,782	1,904	77,386	328	8.13	847	15,407	18.19	92,793
1938	2,125	1,340	58,817	304	8.72	620	13,218	22.03	72,035
1939	2,125	1,413	62,585	310	8.86	600	13,303	21.15	75,888
<b>California:</b>									
1911-1915	20	15	730	375	10.49	6	121	19.98	851
1916-1920	90	48	5,719	264	24.90	21	1,033	51.40	6,752
1921-1925	101	60	6,906	263	23.18	27	948	35.56	7,854
1926-1930	217	133	13,873	395	15.90	81	2,130	27.07	16,003
1931-1935	193	204	10,509	505	9.75	91	1,993	20.02	12,502
1934	223	259	16,816	556	12.98	115	3,847	33.45	20,663
1935	218	239	13,930	524	11.65	106	3,297	31.10	17,227
1936	368	442	27,940	574	12.65	196	6,903	35.22	34,843
1937	620	738	32,290	570	8.75	328	6,842	20.86	39,132
1938	341	424	10,208	596	9.05	189	4,281	22.65	23,489
1939	327	443	21,246	648	9.60	197	5,390	27.36	26,636
<b>Florida:</b>									
1911-1915	251	67	4,604	128	13.95	30	575	19.79	5,179
1916-1920	175	31	5,260	85	33.16	14	754	54.26	6,014
1921-1925	107	24	2,569	108	22.08	10	347	34.69	2,916
1926-1930	116	33	2,304	132	15.36	15	386	27.42	2,690
1931-1935	103	31	1,295	141	8.73	14	231	17.51	1,526
1934	92	28	1,705	145	12.24	12	320	26.67	2,025
1935	89	31	1,570	165	10.29	14	333	23.79	1,909
1936	88	31	1,848	170	11.85	14	400	28.57	2,248
1937	118	40	1,736	162	8.70	18	357	19.83	2,093
1938	76	26	1,202	163	9.24	12	230	19.17	1,432
1939	68	11	508	75	9.54	5	92	18.33	600

<sup>1</sup> Weighted average price for crop-marketing season. For 1933, 1934, 1937, and 1938, season average prices of cotton include unredeemed loan cotton at average loan value.



## No. 687.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1911 TO 1939—Continued

YEARLY AVERAGE OR YEAR	COTTON				COTTONSEED			Total farm value	
	Acres	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quan- tity	Farm value		Farm price per ton <sup>1</sup>
	Thou- sands	Thou- sands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
<b>Georgia:</b>									
1911-1915	4,825	2,298	118,952	227	10.58	1,020	21,478	21.07	140,450
1916-1920	4,725	1,780	231,226	180	25.62	700	45,086	64.57	277,212
1921-1925	2,991	852	95,152	136	22.87	378	13,336	35.80	105,458
1926-1930	3,345	1,312	97,358	187	15.43	582	16,481	28.20	113,839
1931-1935	2,440	1,075	48,700	213	9.23	477	8,900	19.22	67,090
1934	3,142	968	58,656	216	12.12	430	13,687	31.83	37,343
1935	2,155	1,055	58,628	235	11.07	470	13,226	28.14	71,854
1936	2,276	1,086	67,747	228	12.48	462	15,839	32.86	83,586
1937	2,661	1,500	64,573	270	8.61	686	13,666	20.52	78,289
1938	2,006	852	37,009	203	8.99	378	8,588	22.72	46,597
1939	1,920	915	42,778	227	9.35	407	8,506	20.90	51,284
<b>Louisiana:</b>									
1911-1915	1,023	399	20,577	187	10.36	177	3,413	19.62	23,900
1916-1920	1,273	471	58,248	177	24.87	200	11,228	52.40	69,476
1921-1925	1,290	479	50,751	170	21.48	212	6,494	31.54	37,445
1926-1930	1,795	718	53,521	191	15.19	310	8,581	27.33	62,102
1931-1935	1,453	606	26,150	198	9.20	269	4,545	18.42	30,695
1934	1,180	485	30,195	195	12.46	215	6,833	31.75	37,028
1935	1,268	556	30,512	210	10.97	247	7,496	30.35	38,008
1936	1,401	761	47,343	260	12.44	338	11,414	33.77	58,757
1937	1,569	1,104	46,352	337	8.40	491	9,226	18.79	55,578
1938	1,119	675	28,904	289	8.55	301	6,195	20.58	35,089
1939	1,120	716	33,584	319	9.02	332	6,388	19.24	39,972
<b>Mississippi:</b>									
1911-1915	2,946	1,152	60,858	187	10.63	512	10,567	21.05	71,426
1916-1920	2,858	960	123,085	161	25.16	426	28,404	53.74	146,489
1921-1925	3,016	1,099	123,278	170	23.20	488	15,830	33.56	139,115
1926-1930	3,822	1,619	127,361	203	15.87	719	22,084	30.91	149,445
1931-1935	3,176	1,300	59,615	198	9.46	578	11,390	20.02	71,005
1934	2,530	1,142	71,894	216	12.50	507	17,603	34.72	88,997
1935	2,740	1,269	71,287	220	11.32	560	18,090	32.32	89,386
1936	2,968	1,911	123,906	305	12.67	849	30,377	35.78	154,283
1937	3,421	2,692	115,371	377	8.57	1,198	23,780	19.85	139,161
1938	2,533	1,704	76,091	322	8.93	757	17,946	23.31	93,737
1939	2,540	1,582	73,571	299	9.30	705	15,552	22.06	89,123
<b>Missouri:</b>									
1911-1915	111	70	3,355	298	9.85	31	680	22.30	4,036
1916-1920	122	66	7,505	259	23.32	29	1,505	53.02	9,010
1921-1925	316	168	16,065	274	20.66	74	2,793	38.02	19,458
1926-1930	368	173	12,153	224	14.51	77	2,071	27.72	14,224
1931-1935	353	255	10,596	344	8.77	113	1,888	15.24	12,484
1934	316	238	14,712	360	12.37	106	3,139	29.61	17,851
1935	319	177	9,883	265	11.15	79	2,479	31.38	12,362
1936	410	308	18,353	360	11.90	137	4,322	33.74	22,975
1937	558	404	15,887	348	7.87	179	3,059	17.09	18,946
1938	357	336	14,739	450	8.78	149	2,932	19.68	17,671
1939	377	437	19,480	555	8.91	194	3,785	19.51	23,265
<b>New Mexico:</b>									
1922-1925	77	41	4,840	242	24.55	18	597	34.43	5,446
1926-1930	120	85	6,622	339	15.88	38	972	26.05	7,594
1931-1935	101	86	4,086	413	9.51	38	722	19.47	4,818
1934	90	90	5,852	480	12.09	40	1,400	35.00	7,252
1935	90	75	4,434	398	11.85	33	1,088	32.97	5,522
1936	116	111	6,907	457	12.61	49	1,590	31.22	8,427
1937	159	163	6,862	490	8.43	72	1,449	20.13	8,311
1938	94	96	4,205	489	8.75	43	1,054	22.19	5,159
1939	93	102	4,811	523	9.46	45	1,082	24.05	5,893
<b>North Carolina:</b>									
1911-1915	1,364	872	45,216	304	10.53	386	8,790	23.47	54,015
1916-1920	1,425	783	96,428	263	24.64	347	19,805	57.87	116,253
1921-1925	1,541	911	103,415	284	22.52	404	14,935	36.79	118,360
1926-1930	1,614	882	67,444	260	15.44	391	11,712	30.25	79,156
1931-1935	1,086	660	30,927	292	9.54	293	6,085	20.17	36,612
1934	970	631	38,864	311	12.31	280	9,612	34.33	48,470
1935	930	572	32,873	294	11.40	254	7,940	31.26	40,843
1936	957	597	38,503	298	12.90	265	8,039	34.11	47,642
1937	1,103	780	33,457	338	8.58	346	6,913	19.98	40,370
1938	857	388	16,970	216	8.74	172	3,898	22.66	20,868
1939	737	457	21,780	296	9.54	203	4,527	22.30	26,307

<sup>1</sup> Weighted average price for crop-marketing season. For 1933, 1934, 1937, and 1938, season average prices of cotton include unredeemed loan cotton at average loan value.

No. 687.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1911 TO 1939—Continued

YEARLY AVERAGE OR YEAR	COTTON				COTTONSEED			Total farm value	
	Acres	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity	Farm value		Farm price per ton <sup>1</sup>
	Thousands	Thousands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
<b>Oklahoma:</b>									
1911-1915	2,721	957	46,123	170	9.96	425	7,081	19.32	53,804
1916-1920	2,823	942	107,210	161	23.60	419	19,425	49.48	126,635
1921-1925	3,481	993	106,274	129	21.55	441	13,483	30.27	119,787
1926-1930	4,052	1,202	88,123	141	14.81	534	14,419	28.02	102,642
1931-1935	2,862	900	34,940	147	8.62	400	5,415	18.20	40,355
1934	2,647	321	18,904	58	11.77	143	4,853	33.94	23,757
1935	2,318	507	20,920	117	10.56	252	7,489	29.52	37,865
1936	2,261	290	15,967	62	11.02	129	3,849	29.84	19,816
1937	2,372	773	27,891	156	7.22	344	6,151	17.88	34,042
1938	1,866	563	22,372	103	7.95	250	4,920	19.68	27,292
1939	1,784	526	22,072	141	8.30	234	4,722	20.18	26,794
<b>South Carolina:</b>									
1911-1915	2,436	1,375	71,823	298	10.61	610	13,480	22.74	85,303
1916-1920	2,592	1,368	173,783	250	25.29	602	34,195	57.35	207,978
1921-1925	1,962	743	83,724	181	22.75	329	12,066	36.70	95,790
1926-1930	2,051	859	65,158	200	15.68	381	11,078	30.02	76,236
1931-1935	1,489	770	35,925	249	9.53	344	6,482	19.66	42,407
1934	1,286	678	41,885	252	12.35	301	10,056	33.41	51,941
1935	1,392	744	42,055	201	11.81	330	9,768	29.60	51,823
1936	1,399	816	52,822	279	12.95	362	12,138	33.53	64,960
1937	1,695	1,023	43,798	289	8.56	455	9,036	19.86	52,834
1938	1,243	648	28,826	249	8.90	288	6,333	23.03	35,459
1939	1,218	871	41,279	342	9.48	387	8,200	21.42	49,469
<b>Tennessee:</b>									
1911-1915	770	359	18,475	220	10.48	150	3,510	22.60	21,985
1916-1920	898	318	37,492	188	24.12	141	7,627	54.80	45,119
1921-1925	927	358	37,886	185	21.95	159	5,391	35.09	43,277
1926-1930	1,043	426	32,077	196	15.02	189	5,527	29.23	37,604
1931-1935	901	448	18,985	237	8.93	199	3,584	19.96	22,569
1934	769	405	24,390	255	12.05	180	6,217	34.54	30,607
1935	760	317	17,298	202	10.91	141	4,769	33.82	22,067
1936	797	433	25,989	260	12.00	192	6,668	34.73	32,057
1937	937	601	26,741	333	8.99	294	5,333	18.14	32,674
1938	793	490	22,086	320	9.02	218	4,970	22.80	27,056
1939	707	449	20,200	305	8.99	200	4,546	22.73	24,746
<b>Texas:</b>									
1911-1915	11,468	4,180	214,144	175	10.33	1,859	38,613	18.60	247,757
1916-1920	11,526	3,398	404,768	141	24.78	1,512	70,871	49.35	475,639
1921-1925	14,325	3,774	426,484	125	21.96	1,679	84,119	31.56	480,603
1926-1930	16,668	4,612	354,493	132	15.39	2,054	57,659	28.30	412,152
1931-1935	11,982	3,621	163,845	155	9.93	1,747	28,212	19.02	192,057
1934	10,097	2,401	150,181	114	12.51	1,099	35,512	33.22	185,693
1935	10,657	2,959	162,420	133	10.99	1,310	40,835	31.03	203,265
1936	11,597	2,933	173,498	121	11.83	1,309	39,964	30.60	213,462
1937	12,539	5,154	217,490	197	8.44	2,294	45,949	20.03	263,439
1938	8,784	3,080	126,994	163	8.23	1,373	28,778	20.96	156,772
1939	8,520	2,840	124,104	160	8.72	1,268	25,259	19.92	149,363
<b>Virginia:</b>									
1911-1915	43	24	1,307	272	10.81	11	250	24.46	1,563
1916-1920	45	25	3,040	202	24.84	11	601	55.69	3,641
1921-1925	76	41	4,813	259	22.58	18	704	37.94	5,517
1926-1930	83	47	3,499	269	15.08	21	653	31.87	4,122
1931-1935	63	37	1,647	281	9.21	16	321	20.62	1,968
1934	57	36	2,172	302	12.08	16	573	35.81	2,745
1935	52	30	1,700	273	11.43	13	413	31.77	2,113
1936	53	33	3,044	298	12.35	15	519	34.60	2,563
1937	66	43	1,800	312	8.34	19	371	19.53	2,171
1938	40	12	532	149	8.55	6	134	22.33	666
1939	32	13	589	191	9.23	6	139	23.17	728
<b>Other States:</b>									
1926-1930	25	10	697	183	14.91	4	118	29.10	816
1931-1935	24	15	646	301	8.85	7	125	19.91	771
1934	32	18	1,120	277	12.24	8	274	33.83	1,394
1935	21	9	472	193	10.96	4	128	33.68	600
1936	25	16	968	313	12.03	7	247	34.79	1,215
1937	30	23	878	361	7.81	10	179	17.90	1,057
1938	20	16	630	379	7.70	7	160	20.55	780
1939	20	20	814	470	8.23	9	181	20.57	995

<sup>1</sup> Weighted average price for crop-marketing season. For 1933, 1934, 1937, and 1938, season average prices of cotton include unredeemed loan cotton at average loan value.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

No. 688.—HAY, TAME—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1928 TO 1939

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup> FOR CROP OF—		FARM VALUE <sup>2</sup>		
	1928-1937, average	1938	1939 <sup>3</sup>	1928-1937, average	1938	1939 <sup>3</sup>	1928-1937, average	1938	1939 <sup>3</sup>	1928	1939	1938	1939	
	1,000 acres	1,000 acres	1,000 acres	Tons <sup>4</sup>	Tons <sup>4</sup>	Tons <sup>4</sup>	1,000 tons <sup>4</sup>	1,000 tons <sup>4</sup>	1,000 tons <sup>4</sup>	Dolls. per ton	Dolls. per ton	1,000 dolls.	1,000 dolls.	
United States.....	55,517	56,925	55,847	1.24	1.42	1.30	68,765	81,048	75,728	7.15	7.94	679,488	801,044	
New England.....	2,991	3,094	3,110	1.09	1.16	1.10	3,253	3,585	3,413	10.90	11.44	39,066	39,063	
Maine.....	991	1,004	1,005	.87	.93	.91	863	935	918	8.10	8.26	7,574	7,528	
New Hampshire.....	372	386	388	1.02	1.05	1.02	380	405	394	10.80	11.80	4,874	4,640	
Vermont.....	926	927	933	1.17	1.18	1.21	1,086	1,096	1,103	9.20	9.90	10,083	11,217	
Massachusetts.....	361	391	396	1.32	1.47	1.27	479	575	504	14.50	16.00	8,338	8,804	
Rhode Island.....	40	45	46	1.25	1.29	1.16	49	58	52	15.60	16.90	905	870	
Connecticut.....	301	341	343	1.31	1.51	1.20	396	516	412	15.10	16.30	7,792	6,716	
Middle Atlantic.....	6,818	6,643	6,587	1.22	1.37	1.08	8,280	9,076	7,138	8.29	12.00	76,261	85,843	
Ohio.....	4,086	4,009	3,962	1.21	1.36	1.05	4,941	5,436	4,170	7.20	11.80	39,189	49,312	
New York.....	222	216	219	1.51	1.65	1.37	335	357	290	12.90	17.50	4,605	5,232	
New Jersey.....	2,605	2,418	2,408	1.20	1.36	1.10	3,004	3,283	2,658	9.60	11.70	31,517	31,000	
Pennsylvania.....	2,605	2,418	2,408	1.20	1.36	1.10	3,004	3,283	2,658	9.60	11.70	31,517	31,000	
East North Central.....	12,933	13,851	14,188	1.20	1.52	1.39	15,545	21,073	19,727	6.26	6.92	131,953	136,604	
Ohio.....	2,607	2,629	2,720	1.10	1.40	1.32	2,860	3,713	3,577	5.50	6.70	20,422	23,906	
Indiana.....	1,841	2,045	1,960	1.12	1.42	1.38	2,052	2,872	2,723	5.70	6.70	16,370	18,244	
Illinois.....	2,680	2,878	2,877	1.18	1.49	1.45	3,164	4,295	4,183	6.30	6.40	27,065	26,771	
Michigan.....	2,580	2,644	2,640	1.13	1.40	1.29	3,040	3,714	3,415	6.30	7.00	23,398	26,905	
Wisconsin.....	3,215	3,655	3,980	1.37	1.77	1.46	4,429	6,470	5,829	6.90	7.50	44,705	43,718	
West North Central.....	13,485	12,238	12,076	1.17	1.41	1.29	15,725	17,313	16,734	5.05	5.09	87,370	84,962	
Minnesota.....	2,625	2,882	2,925	1.06	1.31	1.70	1,555	3,433	4,913	4,773	4.20	3,030	20,635	20,524
Iowa.....	3,059	3,058	3,498	1.32	1.61	1.38	4,082	4,936	4,814	5.70	5.00	29,135	20,988	
Missouri.....	2,820	2,404	2,954	.88	1.02	1.09	2,472	2,461	3,222	6.40	5.00	15,750	18,365	
North Dakota.....	1,201	1,125	1,044	.94	1.11	1.05	1,008	1,254	1,094	4.00	3.30	5,016	3,610	
South Dakota.....	1,049	879	775	.85	1.02	.93	901	893	719	4.30	4.70	3,840	3,370	
Nebraska.....	1,509	1,130	909	1.39	1.49	1.23	2,181	1,685	1,118	4.90	5.00	8,256	6,201	
Kansas.....	1,116	763	703	1.54	1.35	1.55	1,558	1,171	904	4.90	5.90	5,738	5,386	
South Atlantic.....	4,236	5,066	5,202	.84	.93	.86	3,572	4,708	4,472	11.29	12.10	53,134	54,092	
Delaware.....	62	69	72	1.31	1.39	1.26	82	96	91	10.20	11.20	979	1,019	
Maryland.....	382	397	413	1.21	1.41	1.25	464	558	518	9.40	10.60	5,245	5,491	
Virginia.....	954	1,056	1,036	.95	1.09	.95	916	1,146	983	11.30	11.70	12,950	11,501	
West Virginia.....	676	684	708	.95	1.17	1.01	645	802	718	10.10	10.70	8,100	7,083	
North Carolina.....	818	1,057	1,107	.80	.91	.90	654	958	991	13.20	14.10	12,640	13,973	
South Carolina.....	464	616	655	.72	.76	.83	338	470	541	12.70	13.90	5,990	7,520	
Georgia.....	792	1,085	1,111	.53	.57	.52	425	619	579	10.80	11.00	6,985	5,399	
Florida.....	88	102	100	.55	.58	.51	48	59	51	9.50	10.50	500	506	
East South Central.....	3,928	4,698	4,725	.94	1.14	1.05	3,079	5,338	4,947	8.77	9.44	46,778	49,720	
Kentucky.....	1,278	1,319	1,367	.98	1.30	1.16	1,270	1,720	1,582	7.80	8.90	13,410	14,080	
Tennessee.....	1,463	1,660	1,621	.89	1.12	1.00	1,805	1,851	1,620	8.00	9.20	14,808	14,937	
Alabama.....	638	842	840	.72	.80	.71	460	676	590	10.90	10.30	7,368	6,139	
Mississippi.....	549	877	897	1.17	1.24	1.27	644	1,086	1,140	10.30	10.10	11,180	11,514	
West South Central.....	2,198	2,873	3,101	1.07	1.10	1.05	2,351	3,150	3,263	7.28	8.33	22,921	27,185	
Arkansas.....	710	942	991	1.00	1.04	1.09	713	980	1,080	8.00	7.90	7,840	8,532	
Louisiana.....	245	302	321	1.20	1.11	1.26	292	336	406	9.00	10.60	3,293	4,304	
Oklahoma.....	514	503	628	1.26	1.39	1.21	646	822	755	5.60	7.50	4,603	5,062	
Texas.....	723	1,036	1,163	.98	.88	.88	700	1,012	1,022	7.10	8.50	7,185	8,687	
Mountain.....	5,486	5,178	6,144	1.63	1.79	1.65	8,949	9,285	8,483	6.51	7.19	60,270	60,092	
Montana.....	1,485	1,255	1,230	1.18	1.55	1.47	1,752	1,940	1,900	5.50	5.00	10,670	9,500	
Idaho.....	1,051	1,028	1,049	2.13	2.26	2.11	2,240	2,323	2,196	6.66	6.60	15,332	14,494	
Wyoming.....	733	801	732	1.22	1.10	1.10	895	933	803	6.60	7.80	6,158	6,293	
Colorado.....	1,160	1,084	1,037	1.57	1.75	1.48	1,828	1,892	1,537	6.10	10.10	11,541	13,987	
New Mexico.....	134	136	186	1.99	1.97	1.96	266	268	266	8.20	9.40	2,198	2,500	
Arizona.....	194	196	218	2.62	2.49	2.18	509	488	475	8.10	8.20	3,953	3,805	
Utah.....	536	494	507	2.02	2.13	1.91	1,089	1,051	998	7.80	8.60	8,198	8,325	
Nevada.....	193	184	184	1.91	2.01	1.84	370	370	338	6.00	6.00	2,226	2,022	
Pacific.....	3,447	3,284	3,297	2.15	2.30	2.29	7,412	7,545	7,551	8.31	8.71	62,738	65,798	
Washington.....	900	940	989	1.81	1.82	1.91	1,622	1,707	1,891	8.70	8.70	14,851	16,462	
Oregon.....	837	838	824	1.77	1.79	1.79	1,668	1,486	1,476	8.50	8.20	12,631	12,103	
California.....	1,660	1,506	1,484	2.55	2.89	2.82	4,222	4,352	4,184	8.10	8.90	35,251	37,238	

<sup>1</sup> Dec. 1 price.<sup>2</sup> Basis, Dec. 1 price.<sup>3</sup> Preliminary.<sup>4</sup> Tons of 2,000 pounds.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

NO. 689.—HAY, WILD—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1928 TO 1939

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup> FOR CROP OF—		FARM VALUE <sup>2</sup>	
	1928-1937, Average	1938	1939 <sup>3</sup>	1928-1937, Average	1938	1939 <sup>3</sup>	1928-1937, Average	1938	1939 <sup>3</sup>	1938	1939	1938	1939
	1,000 acres	1,000 acres	1,000 acres	Tons <sup>4</sup> 0.76	Tons <sup>4</sup> 0.89	Tons <sup>4</sup> 0.81	1,000 tons <sup>4</sup> 8,414	1,000 tons <sup>4</sup> 10,483	1,000 tons <sup>4</sup> 8,800	Dol. per ton 4.23	Dol. per ton 4.61	1,000 dol. 44,368	1,000 dol. 40,607
United States	12,154	11,828	10,898	0.76	0.89	0.81	8,414	10,483	8,800	4.23	4.61	44,368	40,607
New England	37	44	44	.92	1.05	1.00	34	48	44	6.98	8.11	320	387
Maine	6	8	7	.93	1.00	.95	6	8	7	5.00	5.80	40	41
New Hampshire	6	7	8	.90	.95	.90	5	7	7	6.80	7.30	48	51
Vermont	8	10	10	.91	.95	1.00	7	10	10	5.00	7.00	50	70
Massachusetts	8	8	8	.93	1.00	.95	7	8	8	7.70	9.40	62	75
Rhode Island	1	1	1	.86	.80	.85	1	1	1	8.00	10.00	8	10
Connecticut	8	10	10	1.08	1.15	1.10	8	12	11	9.30	10.00	112	110
Middle Atlantic	68	91	84	.97	1.02	.89	66	93	75	5.14	7.32	478	549
New York	42	65	58	.90	1.00	.85	39	65	49	4.30	6.90	280	338
New Jersey	13	12	12	1.28	1.30	1.30	17	16	16	7.60	7.80	122	125
Pennsylvania	13	14	14	.81	.85	.70	10	12	10	6.30	8.60	70	86
East North Central	363	232	301	.98	.98	1.01	329	214	305	4.58	4.72	969	1,440
Ohio	4	5	5	.72	.80	.85	3	4	4	3.10	3.20	12	13
Indiana	9	6	6	.87	1.00	.90	8	6	5	4.20	4.20	25	21
Illinois	20	15	12	.82	.80	.80	17	12	10	4.00	4.00	55	40
Michigan	36	26	28	.81	.85	.85	28	22	24	4.00	4.50	95	108
Wisconsin	284	170	250	.98	1.00	1.05	273	170	262	4.90	4.80	782	1,258
West North Central	8,648	8,373	7,373	.73	.83	.74	6,302	6,844	5,470	3.45	3.72	23,589	19,545
Minnesota	1,721	1,428	1,357	.90	1.10	1.00	1,553	1,571	1,357	2.85	2.85	4,777	3,807
Iowa	186	152	135	.96	1.15	1.05	179	175	142	4.50	4.80	788	682
Missouri	134	140	115	.94	1.15	1.20	127	161	138	4.75	4.50	765	621
North Dakota	1,527	1,526	1,282	.72	.80	.75	1,150	1,221	962	3.55	3.20	4,335	3,078
South Dakota	1,070	1,838	1,030	.52	.55	.55	918	1,011	900	3.50	3.50	3,638	3,150
Nebraska	2,691	2,492	2,193	.63	.75	.60	1,666	1,869	1,316	3.55	4.10	6,635	5,396
Kansas	819	697	655	.85	1.20	1.00	709	936	655	3.65	4.20	3,051	2,751
South Atlantic	85	101	119	.84	.91	.92	71	92	109	6.97	9.32	825	1,016
Delaware	2	1	1	1.08	1.00	1.00	2	1	1	6.40	8.00	6	8
Maryland	4	4	4	.86	1.15	1.00	3	5	4	8.00	8.00	40	32
Virginia	9	13	10	.78	.80	.85	7	10	14	9.10	9.10	91	127
West Virginia	10	10	12	.76	.95	.85	7	10	10	8.10	6.60	81	66
North Carolina	24	31	40	.95	1.00	1.10	23	31	44	9.50	10.30	294	453
South Carolina	15	22	25	.73	.80	.75	12	18	19	8.70	9.60	157	182
Georgia	19	19	20	.82	.85	.80	15	10	16	9.20	8.70	147	139
Florida	2	1	1	.72	.60	.65	2	1	1	9.00	9.00	9	9
East South Central	164	166	197	.86	1.02	1.06	133	169	209	6.80	6.74	1,149	1,408
Kentucky	21	25	25	.90	1.10	1.10	18	28	28	5.10	5.30	143	148
Tennessee	36	32	47	.74	.90	.95	27	29	45	6.40	6.40	157	288
Alabama	41	40	40	.78	.90	.85	32	36	34	8.40	7.00	302	258
Mississippi	60	69	85	.99	1.10	1.20	56	70	102	7.20	7.00	647	714
West South Central	908	917	911	.88	1.10	1.01	800	1,013	924	5.38	6.29	5,451	5,810
Arkansas	156	168	143	.95	1.05	1.15	147	170	164	5.70	6.10	1,003	1,000
Louisiana	21	18	19	1.00	1.30	1.30	21	23	25	7.10	6.50	168	162
Oklahoma	497	460	478	.85	1.15	1.00	424	529	478	4.60	5.80	2,433	2,772
Texas	232	271	271	.90	1.05	.95	208	285	257	6.50	7.30	1,852	1,876
Mountain	1,489	1,578	1,473	.84	.94	.86	1,259	1,433	1,262	5.71	6.32	8,469	7,973
Montana	549	599	551	.75	.95	1.00	421	669	551	5.40	4.95	3,073	2,727
Idaho	91	82	81	.96	1.00	.90	87	82	73	5.30	5.00	435	400
Wyoming	284	292	269	.71	.75	.60	206	219	161	6.50	7.70	1,424	1,240
Colorado	354	374	344	.92	1.00	.80	329	374	275	6.00	8.50	2,422	2,338
New Mexico	23	25	24	.77	.60	.55	18	15	13	7.50	7.40	112	96
Arizona	11	7	7	.90	1.00	.80	10	7	6	8.00	8.00	50	48
Utah	64	60	60	1.02	1.10	1.00	66	66	60	4.70	7.10	310	426
Nevada	123	137	137	.97	1.10	.90	122	151	123	5.40	5.00	815	689
Pacific	404	436	398	1.03	1.21	1.02	418	529	402	5.89	6.24	3,118	2,509
Washington	30	20	28	1.20	1.15	1.20	36	33	34	7.40	7.00	244	258
Oregon	230	220	209	.97	1.15	1.00	223	253	209	5.50	5.60	1,392	1,170
California	144	187	159	1.08	1.30	1.00	159	243	159	6.10	6.80	1,482	1,081

<sup>1</sup> Dec. 1 price.

<sup>2</sup> Basis, Dec. 1 price.

<sup>3</sup> Preliminary.

<sup>4</sup> Tons of 2,000 pounds.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

No. 690.—TRUCK CROPS, COMMERCIAL—ACREAGE, PRODUCTION, AND VALUE, BY KIND, 1928 TO 1939, AND FOR LEADING STATES, 1939

NOTE.—Only States with a crop of commercial importance are included. Approximate weights of the units of measurements are as follows: Number of pounds to the crate—asparagus, 24; cantaloups, 60; cauliflower, 37; celery, 90 (¾ size crates); strawberries, 36 (24-quart crates). Number of pounds to the bushel—carrots, 50; cucumbers, 48; eggplant, 33; kale, 18; peppers, 25; potatoes, 60. Number of pounds to a box of artichokes, 40. Lettuce is in western crates (mostly 4 to 6 dozen heads), 70 pounds; onions and garlic, 100-pound sacks. Tons are of 2,000 pounds. Values are based on average seasonal farm prices

CROP	ACREAGE				1939, leading States	PRODUCTION (THOUSANDS OF UNITS)		
	1928-1937, average	1937	1938	1939		Unit	1928-1937, average	1937
Artichokes.....	8, 170	10, 100	9, 700	10, 200	Calif.....	Box.....	886	808
Asparagus.....	105, 150	108, 520	113, 950	123, 050	Calif., N. J.....	Crate.....	9, 716	10, 245
Beans, lima.....	138, 670	56, 100	06, 320	61, 020	N. J., Del.....	(?)		
Beans, snap.....	188, 160	229, 830	253, 320	227, 430	Fla., Md.....	Ton.....	3 245	204
Beets.....	18, 160	21, 760	21, 980	19, 170	Tex., N. Y.....	do.....	1 3 90	107
Cabbage.....	105, 480	191, 330	186, 390	182, 400	Tex., N. Y.....	do.....	3 1, 082	3 1, 168
Cantaloups.....	116, 270	115, 290	122, 250	133, 410	Calif., Colo.....	Crate.....	3 14, 962	14, 266
Carrots.....	32, 780	39, 610	44, 220	43, 520	Calif., Tex.....	Bushel.....	3 11, 587	14, 183
Cauliflower.....	28, 460	29, 160	28, 630	28, 250	Calif., N. Y.....	Crate.....	3 6, 993	8, 318
Celery.....	33, 300	40, 090	41, 550	40, 240	Calif., Fla.....	do.....	3 9, 123	10, 268
Corn, sweet 4.....	350, 940	462, 810	307, 660	264, 950	Ill., Minn.....	Ton.....	693	1, 025
Cucumbers.....	127, 140	163, 010	125, 950	100, 900	Mich., Fla.....	Bushel.....	3 9, 396	11, 796
Eggplant.....	3, 580	4, 020	4, 420	4, 500	Fla., N. J.....	do.....	801	921
Garlic.....	1 3, 740	4, 250	4, 460	4, 300	Calif., Tex.....	Sack.....	1 151	204
Kale.....	1, 780	1, 060	1, 050	1, 100	Va.....	Bushel.....	619	450
Lettuce.....	154, 280	153, 100	150, 220	171, 370	Calif., Ariz.....	Crate.....	3 19, 433	3 21, 135
Onions.....	117, 540	134, 500	138, 330	130, 240	Tex., N. Y.....	Sack.....	3 13, 797	3 14, 786
Peas, green.....	350, 500	462, 260	427, 000	352, 590	Wis., Calif.....	(?)		
Peppermint.....	138, 610	32, 100	20, 070	28, 970	Mich., Ind.....	Pound t.....	1 872	855
Peppers, green.....	17, 480	20, 270	21, 070	21, 930	Fla., N. J.....	Bushel.....	3, 060	4, 823
Pimientos.....	9, 460	12, 190	26, 300	22, 150	Ca., Calif.....	Ton.....	15	19
Potatoes 6.....	306, 900	347, 200	322, 000	316, 100	Va., N. J.....	Bushel.....	3 40, 830	3 50, 410
Spinach.....	72, 540	107, 040	87, 510	78, 890	Tex., Calif.....	Ton.....	3 164	201
Strawberries.....	180, 430	167, 300	170, 790	194, 420	La., Tenn.....	Crate.....	3 11, 326	11, 786
Tomatoes.....	526, 640	619, 000	611, 050	657, 470	Calif., Ind.....	Ton.....	3 1, 954	2, 405
Watermelons.....	248, 840	203, 340	272, 550	277, 220	Ca., Tex.....	Number.....	3 68, 019	3 73, 734

CROP	PRODUCTION (THOUSANDS OF UNITS)—Continued			VALUE (THOUSANDS OF DOLLARS)			
	1938	1939	1939, leading States	1928-1937, average	1937	1938	1939
Artichokes.....	873	1, 122	Calif.....	1, 570	1, 890	1, 877	2, 220
Asparagus.....	9, 821	10, 855	Calif., N. J.....	12, 754	14, 153	12, 428	13, 160
Beans, lima.....			Fla., N. Y.....	1, 980	2, 750	3, 104	3, 231
Beans, snap.....	3 355	3 339	Tex., N. Y.....	16, 831	20, 624	10, 548	18, 423
Beets.....	3 123	91	N. Y., Tex.....	1, 444	1, 650	1, 443	1, 255
Cabbage.....	2 1, 491	3 1, 136	N. Y., Tex.....	16, 030	15, 712	12, 702	16, 403
Cantaloups.....	3 14, 973	14, 402	Calif., Colo.....	15, 554	15, 932	13, 137	14, 183
Carrots.....	3 16, 068	16, 061	Calif., Tex.....	6, 304	8, 339	8, 297	9, 430
Cauliflower.....	3 8, 401	8, 422	Calif., N. Y.....	5, 320	7, 177	4, 680	5, 225
Celery.....	11, 808	11, 527	Calif., Fla.....	14, 387	17, 768	15, 574	18, 156
Corn, sweet 4.....	926	693	Minn., Ill.....	8, 438	12, 751	10, 186	6, 590
Cucumbers.....	3 10, 702	3 8, 515	Fla., Mich.....	7, 434	8, 911	7, 250	6, 584
Eggplant.....	961	1, 002	Fla., N. J.....	610	640	593	712
Garlic.....	193	193	Calif., La.....	1 509	577	596	616
Kale.....	514	560	Va.....	220	129	154	138
Lettuce.....	3 19, 676	3 24, 066	Calif., Ariz.....	29, 131	32, 758	29, 036	31, 862
Onions.....	3 15, 038	3 17, 470	N. Y., Tex.....	17, 773	19, 267	16, 141	14, 050
Peas, green.....				19, 609	24, 351	26, 286	19, 983
Peppermint.....	890	843	Mich., Ind.....	1, 767	1, 764	1, 775	1, 611
Peppers, green.....	4, 970	5, 066	Fla., N. J.....	3, 108	3, 478	3, 286	4, 311
Pimientos.....	39	23	Ca., Calif.....	504	641	1, 288	656
Potatoes 6.....	50, 798	3 44, 423	Calif., N. J.....	32, 781	31, 811	28, 083	30, 249
Spinach.....	152	3 168	Tex., Calif.....	6, 204	6, 371	5, 096	5, 416
Strawberries.....	3 11, 361	3 13, 624	La., Mich.....	30, 854	34, 403	30, 234	32, 460
Tomatoes.....	2 2, 398	2 2, 577	Calif., Ind.....	43, 460	52, 873	47, 837	57, 405
Watermelons.....	3 72, 175	3 65, 604	Ca., Calif.....	7, 783	7, 493	7, 371	7, 663

1 Short-time average.  
 2 Market and canning production estimated in different units which cannot properly be combined.  
 3 Includes some quantities not harvested because of market conditions. Value computed on harvested crop.  
 4 Mainly for canning, but includes also market crop for New Jersey.  
 5 Pound of oil.  
 6 Commercial early Irish.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics, Published in part in Crops and Markets.

No. 691.—ORCHARD AND CITRUS FRUITS AND GRAPES—PRODUCTION AND VALUE, BY KIND: 1928 TO 1939

CROP	PRODUCTION (THOUSANDS)					VALUE (THOUSANDS OF DOLLARS) <sup>1</sup>		
	Unit	1928-1937 average	1937	1938	1939 <sup>2</sup>	1937	1938	1939 <sup>2</sup>
Apples, commercial crop <sup>3</sup>	Bu	121,755	156,376	100,595	143,085	101,430	90,212	91,510
Peaches.....	do	54,134	50,724	51,945	60,822	60,794	39,743	48,841
Pears.....	do	25,489	29,548	32,473	31,047	19,707	15,969	20,537
Grapes.....	Ton	2,215	2,777	2,704	2,526	57,208	40,073	41,388
Cherries (12 States)	do	125	145	141	187	14,692	8,077	10,781
Plums (2 States)	do	08	77	66	43	4,183	2,650	2,218
Prunes, used fresh (3 States)	do	49	37	48	58	1,040	728	733
Prunes, canned (2 States) <sup>4</sup>	do	18	29	15	32	634	150	279
Prunes, dried (3 States)	do	226	256	238	213	13,950	10,068	14,048
Oranges and tangerines (7 States)	Box	53,785	74,785	78,863	75,802	71,505	65,180	84,130
Grapefruit (4 States)	do	18,923	31,093	43,714	34,575	21,041	13,948	15,822
Lemons (California)	do	7,881	9,360	11,322	12,000	21,902	16,043	18,000

<sup>1</sup> Based on average price for the crop-marketing season; for apples, weighted average. <sup>2</sup> Preliminary.  
<sup>3</sup> Estimates refer to production in commercial apple counties; not comparable with former estimates which represented sales for fresh consumption only in the entire State. <sup>4</sup> Average, 1934-38.  
<sup>5</sup> Includes some quantities not harvested owing to market conditions, etc.; values based on harvested crop.  
<sup>6</sup> Includes small quantities for cold packing.  
<sup>7</sup> In addition, an equivalent of 60,000 tons (dry basis) was not harvested because of market conditions and 4,000 tons (dry basis) were lost in drying process in California.  
<sup>8</sup> Production includes some quantities donated to charity or eliminated on account of market conditions. Values apply only to entire crop, exclusive of donated or eliminated portions.  
<sup>9</sup> As estimated from prospects on July 1, 1940.

No. 692.—APPLES, PEACHES, PEARS, AND GRAPES—PRODUCTION, BY STATES: 1928 TO 1939

STATE	APPLES (1,000 BUSHELS) <sup>1</sup>			PEACHES (1,000 BUSHELS)			PEARS (1,000 BUSHELS)			GRAPES (TONS OF 2,000 POUNDS)		
	1934-1935, ave. <sup>1</sup>	1938	1939 <sup>2</sup>	1928-1937, avg. <sup>3</sup>	1938 <sup>3</sup>	1939 <sup>3</sup>	1928-1937, avg. <sup>3</sup>	1938 <sup>3</sup>	1939 <sup>3</sup>	1928-1937, avg. <sup>3</sup>	1938	1939 <sup>2</sup>
United States.....	121,755	109,595	143,085	54,134	51,945	60,822	25,489	32,473	31,047	2,215.024	2,703,560	2,525,830
Maine.....	567	502	1,008	.....	.....	.....	12	13	13	32	30	30
N. Hampshire.....	674	555	1,214	18	19	17	13	15	11	89	70	110
Vermont.....	404	308	780	.....	.....	.....	8	7	7	37	40	50
Massachusetts.....	2,216	2,131	2,829	116	88	74	70	75	53	621	540	709
Rhode Island.....	232	259	275	20	27	12	10	11	8	289	220	230
Connecticut.....	1,281	1,415	1,305	173	140	84	46	49	43	2,018	1,980	2,480
New York.....	15,723	15,048	24,050	1,435	1,134	1,722	1,298	1,900	1,749	77,590	55,600	75,690
New Jersey.....	3,650	3,531	4,252	1,300	1,172	1,435	82	57	52	3,130	2,803	3,100
Pennsylvania.....	8,981	8,378	10,998	1,078	1,842	2,400	617	657	918	23,020	15,700	23,200
Ohio.....	4,698	2,684	8,750	898	481	1,212	606	634	950	29,100	9,800	42,800
Indiana.....	1,494	1,135	2,075	465	378	444	344	305	527	4,180	2,200	4,800
Illinois.....	2,787	1,447	4,107	1,645	1,480	1,800	559	413	668	6,470	6,300	8,800
Michigan.....	7,134	5,251	10,501	1,558	1,341	2,700	974	1,411	1,354	62,990	16,900	58,100
Wisconsin.....	695	432	984	.....	.....	.....	.....	.....	.....	352	430	490
Minnesota.....	230	229	344	.....	.....	.....	.....	.....	.....	256	270	280
Iowa.....	911	358	374	78	90	110	97	104	139	5,850	5,000	5,800
Missouri.....	1,409	549	1,074	819	116	1,140	360	06	420	9,750	6,200	12,600
Nebraska.....	241	340	318	36	72	70	37	54	55	2,420	3,100	3,000
Kansas.....	714	511	1,074	127	43	154	157	56	151	3,760	3,100	4,100
Delaware.....	1,590	1,554	1,636	284	304	422	17	7	9	2,100	1,500	2,000
Maryland.....	1,922	1,830	2,332	352	352	427	94	82	81	700	580	750
Virginia.....	10,270	8,040	10,800	885	1,181	1,025	320	334	189	2,280	2,000	2,600
W. Virginia.....	4,622	4,280	5,670	335	184	315	61	35	56	1,381	430	1,750
S. Carolina.....	4,935	634	1,120	1,009	2,232	1,305	250	304	230	6,044	6,600	7,500
N. Carolina.....	.....	.....	.....	1,140	1,515	1,636	99	129	104	1,416	1,670	2,020
Georgia.....	444	272	437	5,637	5,320	3,800	256	404	281	1,344	1,660	1,830
Florida.....	.....	.....	.....	62	68	83	90	156	60	787	820	870
Kentucky.....	287	155	426	573	352	582	204	135	206	1,724	2,300	2,700
Tennessee.....	225	103	228	1,342	610	1,470	237	186	244	1,839	1,500	2,240
Alabama.....	.....	.....	.....	1,304	1,705	1,705	277	383	313	1,204	1,400	1,710
Mississippi.....	.....	.....	.....	770	1,061	1,034	257	482	348	285	250	300
Arkansas.....	795	198	648	1,681	2,451	2,615	151	156	211	10,520	4,800	8,200
Louisiana.....	.....	.....	.....	259	325	409	104	190	130	54	50	50
Oklahoma.....	.....	.....	.....	529	429	615	117	80	92	3,145	2,600	3,200
Texas.....	.....	.....	.....	1,278	964	1,972	358	440	406	2,360	2,000	2,800
Montana.....	333	384	386	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho.....	3,935	2,960	2,574	136	181	130	61	67	62	535	580	580
Colorado.....	1,517	1,708	1,058	1,968	1,634	1,575	271	251	173	402	650	500
N. Mexico.....	1,870	432	608	73	51	73	42	27	45	1,035	1,240	1,170
Arizona.....	.....	.....	.....	62	22	51	12	6	11	1,154	730	710
Utah.....	356	385	395	461	573	504	82	127	104	976	860	840
Washington.....	29,411	30,150	26,000	1,083	1,428	1,210	4,501	6,500	5,779	5,090	5,500	5,700
Oregon.....	3,462	3,400	2,900	273	327	391	3,040	4,249	4,220	2,280	2,400	1,700
California.....	7,897	7,364	8,024	22,439	20,501	24,043	9,298	11,751	10,542	1,934,200	2,531,000	2,228,000
Other States.....	.....	.....	.....	5	6	6	4	4	4	95	100	110

<sup>1</sup> Commercial crop. See note 3, table 691. <sup>2</sup> Preliminary. <sup>3</sup> See note 5, table 691.  
 Source of tables 691 and 692: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in part in Crops and Markets.

## No. 693.—APPLES, PEACHES, AND PEARS—PRODUCTION: 1891 TO 1939

[In thousands of bushels. The approximate weight of a bushel of apples is 45 pounds; peaches, 48; pears, 50.]

YEARLY AVERAGE OR YEAR	YEAR			Apples <sup>1</sup>	Peaches	Pears	
	Apples <sup>1</sup>	Peaches	Pears				
1891-1895	157,693	—	—	1930	156,617	2 55,346	2 27,020
1896-1900	179,143	—	—	1931	2 205,403	2 77,059	2 25,041
1901-1905	182,672	38,186	—	1932	2 146,849	2 49,204	2 24,234
1906-1910	154,454	48,766	—	1933	2 148,057	2 45,271	2 23,526
1911-1915	215,572	37,303	11,341	1934	2 125,719	2 47,685	2 27,436
1916-1920	175,520	43,015	14,143	1935	2 177,916	54,600	25,266
1921-1925	2 165,772	46,739	17,657	1936	18,608	47,483	27,105
1926-1930	2 162,077	2 55,270	2 23,165	1937	156,376	50,724	2 29,548
1931-1935	2 160,009	2 63,509	2 25,105	1938	109,595	2 51,945	2 32,473
1939	135,092	44,737	21,600	1939 (prel.)	143,085	2 60,822	2 31,047

<sup>1</sup> Beginning 1936, estimates refer to the production in the commercial apple counties of each State and are not comparable with commercial estimates for earlier years which represented sales for fresh consumption only in the entire State.

<sup>2</sup> Includes some quantities not harvested on account of market conditions, etc.

## No. 694.—APPLES, PEACHES, PEARS, AND GRAPES—PRICES RECEIVED BY FARMERS, BY STATES: 1936 TO 1939

NOTE.—Prices of apples, peaches, and pears in dollars per bushel, prices of grapes in dollars per ton. Prices are weighted average prices received by farmers for the crop-marketing season for 1936, 1937, and 1938; prices for 1939 are preliminary estimates for the crop-marketing season.

STATE	APPLES, COMMERCIAL CROP				PEACHES				PEARS				GRAPES			
	1936	1937	1938	1939	1936	1937	1938	1939	1936	1937	1938	1939	1936	1937	1938	1939
United States	1.04	0.85	0.82	0.84	0.95	1.02	0.78	0.81	0.69	0.69	0.54	0.69	22	21	15	16
Maine	1.26	.98	1.09	.84	—	—	—	—	1.40	1.20	1.35	1.30	95	60	60	70
New Hampshire	1.41	1.04	1.21	.93	1.75	1.40	1.70	1.60	1.35	1.00	1.20	1.15	85	60	60	65
Vermont	1.47	.98	1.14	.80	—	—	—	—	1.40	1.20	1.20	1.10	95	60	60	65
Massachusetts	1.35	.92	1.10	.81	1.70	1.60	1.40	1.70	1.05	1.20	1.10	1.10	80	60	60	60
Rhode Island	1.45	1.20	1.01	.87	1.65	1.50	1.60	1.70	1.25	1.25	1.10	1.20	75	60	60	60
Connecticut	1.39	1.06	1.05	.95	1.40	1.45	1.50	1.60	1.30	1.50	1.20	1.40	75	70	55	60
New York	1.21	.65	.88	.59	1.40	1.00	1.40	1.00	.90	.95	.75	.85	41	30	30	35
New Jersey	1.04	.76	.70	.65	1.25	1.00	1.40	1.00	.60	.90	.75	.75	40	40	38	38
Pennsylvania	1.05	.67	.85	.64	1.60	1.00	1.25	1.05	.85	.80	.70	.75	40	31	43	38
Ohio	1.25	.62	1.03	.57	1.70	1.30	1.55	1.10	.85	.70	.70	.55	37	33	42	23
Indiana	1.31	.73	.97	.71	1.70	1.15	1.30	1.10	.75	.45	.50	.45	40	28	45	34
Illinois	1.23	.72	1.03	.87	1.50	1.25	1.20	.95	.80	.45	.65	.60	40	34	43	36
Michigan	.99	.56	.86	.53	1.50	.95	1.30	.70	.75	.70	.75	.65	36	23	50	31
Wisconsin	1.14	.73	.89	.73	—	—	—	—	—	—	—	—	75	60	60	60
Minnesota	1.30	1.00	1.01	.88	—	—	—	—	—	—	—	—	70	60	60	60
Iowa	1.43	.90	1.01	.96	1.50	1.10	1.25	1.00	1.10	.65	.85	.70	55	45	50	50
Missouri	1.47	.69	1.09	.71	1.60	.95	1.35	1.00	.95	.50	.85	.55	50	35	40	33
Nebraska	1.04	.99	.99	.99	1.70	1.40	1.40	1.10	1.30	.90	1.00	.95	65	60	40	40
Nbraska	1.33	1.04	.99	.99	1.70	1.40	1.40	1.10	1.30	.90	1.00	.95	65	60	40	40
Kansas	1.40	.85	.95	.78	1.65	1.25	1.25	1.15	1.00	.60	.95	.70	60	55	55	35
Delaware	.82	.67	.70	.71	1.50	1.00	1.00	.95	.50	.50	.60	.55	45	40	40	40
Maryland	.89	.62	.71	.62	1.45	1.05	1.10	.95	.50	.60	.60	.55	50	45	50	43
Virginia	1.03	.56	.70	.62	1.65	1.10	1.35	1.10	.75	.60	.65	.75	75	60	70	65
West Virginia	.98	.56	.74	.58	1.60	1.00	1.30	1.10	1.00	.75	.90	.80	75	60	70	56
North Carolina	.98	.63	.79	.72	1.50	1.55	1.05	1.20	.95	.90	.75	.85	55	65	65	60
South Carolina	—	—	—	—	1.20	1.40	1.00	1.10	.90	.90	.70	.75	65	60	70	65
Georgia	1.14	1.02	.91	.85	1.20	1.45	1.00	1.40	.65	.70	.55	.65	60	60	65	55
Florida	—	—	—	—	1.00	1.00	.90	.95	.50	.55	.60	.75	70	70	70	57
Kentucky	1.14	.92	.95	.80	1.40	.90	1.15	1.00	1.00	.65	.80	.70	60	60	70	75
Tennessee	1.17	1.27	.96	.88	1.15	1.00	1.05	.85	.95	.80	.85	.75	70	62	70	70
Alabama	—	—	—	—	.95	1.25	.85	.85	.60	.75	.55	.70	75	65	65	65
Mississippi	—	—	—	—	1.00	1.30	.95	.95	.50	.75	.50	.60	80	75	85	70
Arkansas	1.19	.64	.90	.76	1.10	1.15	.85	1.00	.95	.75	.80	.75	35	28	40	35
Louisiana	—	—	—	—	1.10	1.25	1.00	1.05	.65	.70	.60	.70	65	75	65	60
Oklahoma	—	—	—	—	1.60	1.10	1.10	1.00	1.25	.75	.75	.75	50	37	50	34
Texas	—	—	—	—	1.10	1.20	1.10	.85	.90	.85	.75	.70	55	50	56	47
Montana	1.19	.67	.68	.65	—	—	—	—	—	—	—	—	—	—	—	—
Idaho	1.01	.55	.75	.56	1.00	1.85	.65	.85	1.00	1.25	.85	.90	45	60	35	32
Colorado	.98	.73	.70	.60	1.80	.90	.70	.80	.85	.85	.50	.75	52	55	67	40
New Mexico	1.20	.84	1.08	.82	1.25	1.35	1.25	1.25	.80	1.05	.80	1.00	49	60	50	44
Arizona	—	—	—	—	1.50	1.50	1.70	1.25	1.40	1.50	1.00	1.05	55	50	50	35
Utah	.94	.77	.65	.73	.70	1.85	.75	.75	.95	1.30	.70	1.00	36	60	40	49
Nevada	—	—	—	—	1.35	1.75	.95	1.00	1.30	1.50	.95	1.30	85	80	40	45
Washington	1.13	.64	.84	.89	.75	.95	.75	.70	.65	.63	.60	.79	24	33	23	23
Oregon	.94	.71	.76	.68	1.05	1.20	.85	.80	.65	.72	.66	.67	29	32	30	30
California	.40	.43	.45	.41	1.60	.84	.35	.53	.63	.68	.33	.64	19	19	13	14

Source of tables 693 and 694: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Production published currently in part in Crops and Markets.

**No. 695.—SUGAR BEETS—ACREAGE, PRODUCTION, PRICES RECEIVED BY FARMERS, AND VALUE, 1901 TO 1939, AND BY STATES, 1936 TO 1939**

NOTE.—Prior to 1924 acreage and production include a small quantity produced in Canada for U. S. factories. U. S. totals include data for a few States not shown separately

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (thousands)	Tons per acre	Production <sup>1</sup> (1,000 tons)	Price per ton <sup>2</sup> (dollars)	Farm value (1,000 dollars)	YEAR AND STATE	Acres harvested (thousands)	Tons per acre	Production <sup>1</sup> (1,000 tons)	Price per ton <sup>2</sup> (dollars)	Farm value (1,000 dollars)
United States:						Idaho:					
1901-1905.....	228	9.22	2,079	4.89	10,166	1936.....	52	11.0	619	6.06	3,751
1906-1910.....	386	10.13	3,910	5.18 <sup>3</sup>	20,254	1937.....	51	12.1	615	5.19	3,192
1911-1915.....	541	10.66	5,788	5.63	32,318	1938.....	71	15.8	1,122	4.43	4,070
1916-1920.....	698	9.50	6,623	9.38	63,314	1939.....	73	13.5	985	4.55	4,482
1921-1925.....	693	10.14	6,972	7.52	52,040	Michigan:					
1926-1930.....	701	11.00	7,718	7.67	56,480	1936.....	98	8.8	867	6.45	5,592
1931-1935.....	799	10.88	8,686	5.45	47,119	1937.....	76	7.2	549	6.17	3,387
1927.....	721	10.8	7,753	7.67	59,455	1938.....	122	8.2	1,005	6.08	6,110
1928.....	644	11.0	7,101	7.11	50,477	1939.....	120	8.6	1,033	5.88	6,074
1929.....	688	10.6	7,315	7.08	51,804	Montana:					
1930.....	776	11.9	9,199	7.14	65,698	1936.....	60	10.9	654	6.30	4,120
1931.....	713	11.1	7,903	5.94	46,948	1937.....	70	12.2	852	5.27	4,490
1932.....	764	11.9	9,070	5.26	47,705	1938.....	78	12.7	987	4.57	4,511
1933.....	983	11.2	11,030	5.13	56,599	1939.....	74	12.1	894	5.06	4,524
1934.....	770	9.8	7,519	5.16	38,776	Nebraska:					
1935.....	763	10.4	7,908	5.76	45,565	1936.....	68	11.5	782	5.78	4,520
1936.....	776	11.6	9,028	6.05	54,636	1937.....	63	14.0	882	4.88	4,304
1937.....	755	11.6	8,784	5.27	46,249	1938.....	77	14.4	1,111	4.07	4,522
1938.....	930	12.5	11,615	4.65	54,052	1939.....	69	11.4	790	4.02	3,650
1939.....	917	11.7	10,773	5.05	54,370	Ohio:					
California:						1936.....	28	9.2	250	6.37	1,650
1936.....	139	14.2	1,975	6.48	12,798	1937.....	25	5.8	144	6.15	1,886
1937.....	134	12.9	1,731	5.93	10,265	1938.....	51	7.2	366	5.84	2,137
1938.....	162	13.1	2,130	4.80	10,352	1939.....	47	7.7	363	6.06	2,200
1939.....	166	16.3	2,699	5.19	14,008	Utah:					
Colorado:						1936.....	36	13.0	500	5.82	2,910
1936.....	171	13.1	2,234	5.70	12,734	1937.....	46	12.4	570	4.94	2,816
1937.....	160	12.4	1,992	4.80	9,692	1938.....	52	15.7	814	4.43	3,606
1938.....	137	14.6	2,001	4.17	8,344	1939.....	53	12.9	683	4.54	3,101
1939.....	145	10.6	1,543	5.05	7,792	Wyoming:					
						1936.....	44	11.0	486	5.98	2,906
						1937.....	47	13.0	612	4.91	3,005
						1938.....	53	12.9	684	4.35	2,975
						1939.....	49	11.0	539	4.79	2,582

<sup>1</sup> Beets used by factories 1901 to 1912.

<sup>2</sup> Season average price.

<sup>3</sup> 4-year average.

**No. 696.—SUGARCANE AND SIRUP—PRODUCTION, 1931 TO 1939, AND BY STATES, 1937, 1938, AND 1939**

NOTE.—Sorghum, sometimes confused with sugarcane, is not included. For molasses, a byproduct of sugar refineries and not included in this table, see table 697

STATE AND YEAR	Cane harvested for sirup	Sirup produced	STATE AND YEAR	Cane harvested for sirup	Sirup produced
All States:			Alabama:		
1931.....	108,000	15,160	1937.....	29,000	3,770
1932.....	123,000	18,359	1938.....	25,000	2,500
1933.....	146,000	21,693	1939.....	28,000	3,360
1934.....	157,000	25,609	Mississippi:		
1935.....	156,000	25,932	1937.....	29,000	4,495
1936.....	141,000	22,676	1938.....	27,000	4,482
1937.....	148,000	25,135	1939.....	27,000	3,780
1938.....	137,000	22,221	Louisiana:		
1939.....	145,000	24,909	1937.....	20,000	8,210
South Carolina:			1938.....	29,000	7,395
1937.....	4,000	420	1939.....	32,000	9,310
1938.....	4,000	380	Texas:		
1939.....	5,000	650	1937.....	6,000	768
Georgia:			1938.....	7,000	875
1937.....	35,000	5,425	1939.....	6,000	720
1938.....	33,000	4,389	Arkansas:		
1939.....	34,000	4,794	1937.....	1,000	175
Florida:			1938.....	1,000	110
1937.....	13,000	1,872	1939.....	1,000	115
1938.....	11,000	2,090			
1939.....	12,000	2,280			

Source of tables 695 and 696: Department of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Acreage and production of sugar beets and acreage of sugarcane are published currently in Crops and Markets.



**No. 697.—SUGARCANE, CANE SUGAR, AND MOLASSES—PRODUCTION IN CONTINENTAL UNITED STATES: 1909 TO 1939**

NOTE.—Tons are of 2,000 pounds. Data include Louisiana for all years, Florida beginning 1928, and Texas through 1923

YEAR	Total acreage harvested for sugar and seed	Average yield of cane per acre for sugar and seed <sup>1</sup>	Total production for sugar and seed	Season average price per ton received by farmers	Farm value of cane used for sugar and seed	SUGAR PRODUCED		Raw sugar 96° made per ton of cane	MOLASSES MADE	
						Converted to 96° raw basis <sup>2</sup>	Equivalent refined <sup>3</sup>		Black-strap	Total <sup>4</sup>
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons	Pounds	1,000 gallons	1,000 gallons
1909	324.6	15.0	4,884	3.83	18,705	338	316	154	17,274	27,683
1910	333.1	16.9	5,730	3.69	21,144	302	339	139	20,514	32,934
1911	344.3	18.9	6,518	4.29	27,962	368	343	122	22,693	35,803
1912	294.1	11.2	2,953	3.73	11,015	166	155	145	8,594	15,140
1913	291.5	17.0	4,954	3.13	15,506	307	286	142	16,451	24,774
1914	253.6	15.1	3,817	3.75	14,313	252	236	155	11,561	17,547
1915	239.9	11.1	2,654	4.55	12,076	141	132	139	6,435	12,847
1916	285.6	18.3	4,854	5.29	25,677	317	297	152	16,447	26,798
1917	237.5	15.7	4,505	7.10	31,986	251	235	131	13,562	30,936
1918	266.3	18.0	4,790	7.28	34,872	290	270	137	16,321	28,374
1919	234.9	10.6	2,486	14.00	34,804	125	117	132	6,572	13,095
1920	253.7	13.7	3,468	5.76	19,975	180	169	139	10,599	17,507
1921	275.0	18.5	5,081	3.63	18,444	334	312	158	17,919	25,729
1922	295.9	15.6	4,614	5.83	26,900	302	282	159	15,268	22,777
1923	288.8	11.1	3,216	7.09	22,801	168	157	138	8,429	15,979
1924	251.0	7.6	1,900	5.58	10,602	90	84	147	3,336	9,599
1925	236.0	14.0	3,293	4.05	13,337	142	133	107	12,171	17,783
1926	161.0	6.8	1,088	4.92	5,353	48	45	111	2,745	6,614
1927	89.0	13.1	1,168	4.61	5,384	72	67	150	2,582	5,024
1928	146.8	14.4	2,115	3.85	8,153	136	127	145	5,817	13,669
1929	205.0	16.3	3,350	3.73	12,600	218	205	140	15,862	21,063
1930	203.5	15.5	3,153	3.31	10,430	215	201	148	14,234	19,899
1931	199.4	13.9	2,703	3.21	8,874	184	172	146	11,296	16,404
1932	241.9	14.9	3,599	2.98	10,741	265	248	160	13,472	18,934
1933	233.8	14.4	3,375	3.18	10,727	250	234	163	14,140	19,441
1934	262.6	14.5	3,802	2.33	8,854	207	240	157	15,686	21,198
1935	275.4	18.0	4,954	3.15	15,589	333	358	108	23,380	28,906
1936	294.2	22.2	5,860	3.67	21,499	437	409	161	31,061	36,289
1937	296.2	21.5	6,378	2.90	18,520	402	432	157	35,531	37,411
1938	312.9	22.9	7,157	2.70	19,292	533	545	173	40,506	44,388
1939 <sup>5</sup>	276.0	22.4	6,197	2.84	17,612	507	473	175	31,825	36,925

<sup>1</sup> Growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually not ended before February in Louisiana and April in Florida, following season of growth of cane.

<sup>2</sup> Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)

<sup>3</sup> Based on the ratio of 100 pounds of raw sugar to 93.46 pounds of refined sugar.

<sup>4</sup> Not including sirup production. See table 696. Preliminary.

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published in The World Sugar Situation and in part, currently, in Crops and Markets.

**No. 698.—SUGARCANE AND CANE SUGAR—PRODUCTION OF HAWAII: 1926 TO 1939**

NOTE.—Tons are of 2,000 pounds

YEAR	Total acres in cane	CANE USED FOR SUGAR			SUGAR MADE (1,000 TONS)		Raw sugar 96° made per ton of cane (pounds)	Recovery of equivalent refined sugar from cane ground <sup>1</sup> (percent)
		Acres harvested	Production (1,000 tons)	Yield per acre (tons) <sup>2</sup>	Converted to 96° raw basis <sup>3</sup>	Equivalent refined <sup>4</sup>		
Year beginning October:								
1926	234,809	124,542	6,992	56	832	777	238	11.12
1927	240,769	131,634	7,707	59	921	861	239	11.17
1928	239,858	129,131	7,447	58	925	865	243	11.61
1929	242,761	133,840	7,853	59	939	878	239	11.18
1930	251,533	137,037	8,485	62	1,018	951	240	11.21
1931	251,876	139,744	8,865	63	1,057	988	239	11.15
1932	254,563	144,959	8,567	59	1,064	994	248	11.60
Oct. 1, 1933—Dec. 31, 1933								
Year beginning Jan. 1.:								
1934	252,237	134,318	7,992	60	959	897	240	11.22
1935	246,491	126,116	8,555	68	987	922	231	10.78
1936	245,891	130,828	9,170	70	1,042	974	227	10.62
1937	240,833	126,671	8,303	70	944	883	215	10.03
1938	238,302	135,678	8,835	65	941	880	213	9.96
1939	235,227	138,440	8,610	62	994	929	231	10.79

<sup>1</sup> Based on tonnage of cane used. <sup>2</sup> Age of cane equals 18 to 24 months of growth. <sup>3</sup> See note 2, table 697.

<sup>4</sup> One ton of raw sugar 96° test is assumed to be equivalent to .9346 ton of refined.

Source: Data collected by Dept. of Agriculture, Agricultural Marketing Service, through the Hawaiian Sugar Planters' Association. Published in annual report, Agricultural Statistics, and in The World Sugar Situation.

No. 699.—SUGARCANE AND CANE SUGAR—PRODUCTION OF PUERTO RICO:  
1926-27 to 1938-39

CROP YEAR	SUGARCANE HARVESTED			SUGAR PRODUCED <sup>1</sup>		Sugar made per ton of sugarcane (pounds)	Recovery of equivalent refined sugar from cane ground (percent)
	Acreage (acres)	Yield per acre (tons) <sup>2</sup>	Production (1,000 tons) <sup>2</sup>	As made (1,000 tons) <sup>2</sup>	Equivalent refined (1,000 tons) <sup>2</sup>		
1926-1927	236,148	24.0	5,662	629	591	222	10.44
1927-1928	237,746	26.9	6,405	749	703	234	10.98
1928-1929	251,018	20.9	5,250	587	551	224	10.50
1929-1930	254,259	28.3	7,199	806	814	241	11.30
1930-1931	279,165	25.2	7,035	783	736	223	10.46
1931-1932	293,953	28.6	8,418	992	939	236	11.15
1932-1933	300,071	23.9	7,165	810	772	228	10.78
1933-1934	350,126	25.9	9,070	1,104	1,044	243	11.51
1934-1935	299,884	25.1	7,518	773	731	242	11.44
1935-1936	299,804	25.3	7,592	926	876	244	11.54
1936-1937	300,951	27.1	8,144	996	943	245	11.57
1937-1938 (prel.)	300,567	29.2	8,774	1,077	1,019	246	11.61
1938-1939 (prel.)			6,875	852	806	277	11.72

<sup>1</sup> For factor used in converting raw sugar to refined, see note 9, table 702.

<sup>2</sup> Ton of 2,000 pounds.

<sup>3</sup> Actual quantity of sugarcane harvested, including 6,392,547 tons of sugarcane cut for the production of sugar, and 1,125,914 for the production of high-grade molasses. It is estimated that about 1,935,542 tons of sugarcane were left standing and harvested the following year.

Source: Dept. of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Also published in The World Sugar Situation.

No. 700.—MAPLE SIRUP AND SUGAR—PRODUCTION, 1859 TO 1940, AND BY STATES, 1938, 1939, AND 1940

STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar <sup>1</sup>	STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar <sup>1</sup>
<b>BUREAU OF THE CENSUS</b>					<b>DEPARTMENT OF AGRICULTURE—con.</b>				
<b>United States:</b>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<b>New Hampshire:</b>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 pounds</i>
1859		40,120	1,598	52,901	1938	393	72	83	736
1860		28,444	1,921	35,812	1939	265	26	58	490
1870		36,576	1,796	50,944	1940	262	21	53	445
1880		32,953	2,258	51,020	<b>Vermont:</b>				
1890		11,929	2,057	28,382	1938	5,438	627	1,485	12,507
1909	18,900	14,024	4,106	46,912	1939	4,242	308	916	7,636
1919	17,457	9,692	3,508	37,754	1940	4,200	258	1,044	8,610
1929	( <sup>2</sup> )	1,341	2,341	20,070	<b>Massachusetts:</b>				
<b>DEPARTMENT OF AGRICULTURE</b>					1938	224	32	52	448
<b>Total (10 States):</b>					1939	217	44	61	532
1930	13,062	2,370	3,641	31,498	1940	217	40	56	488
1931	12,138	1,646	2,213	19,350	<b>New York:</b>				
1932	12,091	1,633	2,412	20,919	1938	2,959	260	588	4,964
1933	12,076	1,288	2,186	18,776	1939	3,018	290	714	6,002
1934	12,158	1,271	2,895	20,431	1940	2,867	212	734	6,084
1935	12,496	1,704	3,377	28,720	<b>Pennsylvania:</b>				
1936	12,406	1,704	3,377	28,720	1938	502	43	95	803
1937	11,854	985	2,403	20,209	1939	522	43	129	1,075
1938	11,677	1,047	2,508	21,111	1940	433	36	112	932
1938	11,672	1,078	2,772	23,254	<b>Ohio:</b>				
1939	10,520	760	2,515	20,880	1938	1,180	9	283	2,273
1940	10,111	611	2,583	21,275	1939	1,192	9	370	2,069
<b>Maine:</b>					1940	1,144	11	332	2,667
1938	273	6	3 47	382	<b>Michigan:</b>				
1939	270	6	3 33	270	1938	379	16	64	528
1940	266	10	50	410	1939	387	17	104	840
<b>Maryland:</b>					1940	368	12	74	604
1938	58	10	26	218	<b>Wisconsin:</b>				
1939	58	10	25	210	1938	291	3	49	395
1940	57	9	24	201	1939	349	7	105	847
					1940	307	2	104	834

<sup>1</sup> 1 gallon of sirup taken as equivalent to 8 pounds of sugar. <sup>2</sup> Not called for on schedule.

<sup>3</sup> Excludes 45,000 gallons of sirup in 1938, and 23,000 pounds of sugar and 26,000 gallons of sirup in 1939, produced on nonfarm lands in Somerset County.

Source: Dept. of Agriculture, Agricultural Marketing Service, except Census figures; annual report, Agricultural Statistics. Data also published in Crops and Markets.

**NO. 701.—SUGAR, BEET AND CANE, CHIEFLY RAW—PRODUCTION, FOR CONTINENTAL UNITED STATES, PUERTO RICO, HAWAII, PHILIPPINES, AND WORLD: 1870 TO 1939**

NOTE.—In thousands of tons of 2,000 pounds. Prior to 1909, data are for crop year beginning July 1; thereafter, crop year with beginning dates varying from Sept. to following June, except as noted for Hawaii

YEARLY AVERAGE OR CROP YEAR (SEE HEADNOTE)	Continental United States and out-lying areas <sup>1</sup>	CONTINENTAL UNITED STATES			Puerto Rico <sup>2</sup>	Hawaii <sup>4</sup>	Philippine Islands <sup>5</sup>	World total	PERCENT OF WORLD TOTAL IN—	
		Total (in terms of raw) <sup>2</sup>	Beet (reduced to raw) <sup>3</sup>	Cane (chiefly raw)					Continental United States	U. S. and out-lying areas
1870-1874	291	73	( <sup>6</sup> )	72	95	7 13	110	( <sup>6</sup> )	( <sup>6</sup> )	
1875-1879	347	96	( <sup>6</sup> )	96	78	20	162	( <sup>6</sup> )	( <sup>6</sup> )	
1880-1884	476	131	1	130	87	64	195	( <sup>6</sup> )	( <sup>6</sup> )	
1885-1889	542	153	1	152	73	119	196	( <sup>6</sup> )	( <sup>6</sup> )	
1890-1894	759	284	14	271	63	145	266	( <sup>6</sup> )	( <sup>6</sup> )	
1895-1899	812	326	48	279	56	256	174	10,844	3.0	
1900-1904	1,141	543	194	348	115	389	94	13,321	4.1	
1905-1909	1,692	808	440	* 361	255	489	141	15,793	5.1	
1910-1914	2,296	986	697	* 291	363	604	345	19,774	4.9	
1915-1919	2,589	1,069	845	* 225	466	600	446	18,827	5.7	
1920-1924	2,938	1,233	1,017	* 215	476	643	581	22,329	5.5	
1925-1929	3,587	1,189	1,066	* 123	687	884	820	29,345	4.1	
1930-1934	4,748	1,632	1,396	* 236	894	1,042	1,177	29,491	5.5	
1934	4,024	1,508	1,241	* 267	773	987	755	29,763	5.1	
1935	4,666	1,651	1,268	* 383	926	1,042	1,043	32,090	5.1	
1936	4,967	1,832	1,395	* 437	996	944	1,186	35,192	5.2	
1937	4,978	1,840	1,378	* 402	1,077	941	1,116	34,966	5.3	
1938	5,277	2,380	1,803	* 583	852	994	1,039	33,098	7.2	
1939 (prel.)	5,437	2,263	1,756	* 507	1,100	958	1,109	34,809	6.5	

<sup>1</sup> Includes Puerto Rico, Hawaii, Phil. Isls., and beginning 1910, Virgin Islands not shown separately.

<sup>2</sup> Beet sugar not converted to raw prior to 1909. Refined reduced to raw basis by multiplying by 1.07.

<sup>3</sup> For 1905 to 1906, shipments to the United States.

<sup>4</sup> Statistics for 1874 to 1880 represent exports. Normal grinding season begins Oct. 1. In 1933, production was from grindings of Oct. 1, 1933 to Dec. 31, 1934; from grindings of the next calendar year.

<sup>5</sup> Exports 1871 to 1911, production 1912 and subsequently. Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.

<sup>6</sup> Less than 500 tons.

<sup>7</sup> Not available.

<sup>8</sup> Louisiana and Texas 1909 to 1923; Louisiana only 1924 to 1927; Louisiana and Florida beginning 1928. Source: Dept. of Agriculture, Bur. of Agricultural Economics. Compiled from official sources and International Institute of Agriculture. Published in annual report, Agricultural Statistics, and also in The World Sugar Situation.

**NO. 702.—SUGAR, BEET AND CANE—STOCKS, PRODUCTION, TRADE, AND CALCULATED DISAPPEARANCE IN CONTINENTAL UNITED STATES: 1866 TO 1939**

YEARLY AVERAGE OR YEAR BEGINNING JULY 1—	Stocks as of July 1 <sup>1</sup>	Production (beet and cane only) <sup>2</sup>	Brought in from insular areas <sup>3</sup>	Imports as sugar <sup>4</sup>	Exports as sugar <sup>5</sup>	Exports in other forms <sup>6</sup>	CALCULATED DISAPPEARANCE	
							Total	Per capita
							In terms of raw sugar	
Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Pounds
1866-1869		7 36,668		7 546,088	7 2,243		7 580,513	7 31.2
1870-1874		72,507		777,685	5,268		844,924	40.6
1875-1879		96,444		830,375	23,820		902,999	38.1
1880-1884		181,073		1,151,723	39,347		1,243,449	46.4
1885-1889		152,379		1,414,046	43,136		1,524,389	51.0
1890-1894		284,346		1,864,201	10,908		2,131,644	64.2
1895-1899		326,362		1,943,678	5,660		2,204,380	62.3
1900-1904		542,798	500,764	1,839,377	7,301		2,875,638	71.7
1905-1909	<sup>8</sup> 469,724	808,615	751,050	1,956,304	32,423	<sup>8</sup> 24,351	3,479,847	78.8
1910-1914	367,581	985,631	1,038,605	2,187,469	91,654	15,164	4,090,356	85.4
1915-1919	313,917	1,069,086	1,066,272	2,834,957	642,023	44,538	4,365,561	84.8
1920-1924	366,030	1,233,000	1,314,489	3,721,100	448,097	36,102	5,698,377	102.9
1925-1929	994,314	1,189,000	2,015,035	3,643,910	158,468	31,270	6,457,508	110.3
1930-1934	1,124,075	1,632,000	2,806,825	2,115,816	82,407	22,136	6,475,989	103.3
1925	724,200	1,110,000	1,981,482	3,895,947	325,804	24,998	6,422,094	111.4
1926	947,793	1,008,000	1,689,347	3,968,997	124,555	26,303	6,713,368	114.4
1927	749,921	1,242,000	2,051,659	3,415,830	115,566	29,833	6,166,777	103.4
1928	1,157,234	1,271,000	1,074,899	4,115,601	130,324	31,894	6,555,155	115.3
1929	1,392,361	1,307,000	2,377,787	2,823,173	87,092	43,320	6,590,154	107.6
1930	1,170,755	1,508,000	2,003,735	2,416,398	77,131	33,026	6,438,372	104.1
1931	1,159,359	1,421,000	2,811,803	2,321,442	58,973	28,622	6,070,112	107.2
1932	947,087	1,717,000	3,074,951	1,710,999	44,000	22,437	6,364,703	101.5
1933	1,018,897	2,007,000	3,234,650	1,356,426	67,427	16,705	6,217,582	98.5
1934	1,315,279	1,508,000	2,308,896	2,773,813	164,504	9,992	6,680,196	105.1
1935	1,493,218	1,651,000	2,886,969	2,372,066	103,349	13,220	6,642,232	103.8
1936	1,444,452	1,832,000	2,832,281	2,010,671	83,859	11,345	6,579,421	102.1
1937	1,444,779	1,840,000	2,691,820	1,742,402	94,946	14,560	6,289,154	92.3
1938	1,650,431	2,386,000	2,709,210	1,666,440	88,969	14,048	6,987,206	96.4
1939 (prel.)	2,021,878	2,263,000	2,570,374	2,512,313	230,445	13,745	7,078,538	107.9

For footnotes, see next page.

No. 702.—SUGAR, BEET AND CANE—STOCKS, PRODUCTION, TRADE AND CALCULATED DISAPPEARANCE IN CONTINENTAL UNITED STATES: 1866 TO 1939—Continued

YEAR BEGINNING JULY 1—	Stocks as of July 1 <sup>1</sup>	Production (beet and cane only) <sup>2</sup>	Brought in from insular areas <sup>3</sup>	Imports as sugar <sup>4</sup>	Exports as sugar <sup>5</sup>	Exports in other forms <sup>6</sup>	CALCULATED DISAPPEARANCE	
							Total	Per capita
In terms of refined sugar <sup>9</sup>								
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Pounds</i>
1925.....	680,433	1,046,000	1,859,332	3,634,323	303,073	23,298	6,002,602	103.8
1926.....	891,115	942,000	1,588,981	3,714,054	115,865	24,514	6,291,375	107.2
1927.....	704,396	1,160,000	1,930,732	3,196,443	107,704	27,805	5,768,102	96.9
1928.....	1,087,960	1,188,000	1,858,331	3,851,311	129,846	29,726	6,516,158	108.0
1929.....	1,309,872	1,222,000	2,239,140	2,641,709	81,167	40,375	6,182,327	100.9
1930.....	1,108,852	1,409,000	2,451,611	2,261,187	71,884	30,781	6,039,349	97.7
1931.....	1,088,636	1,328,000	2,075,966	2,186,307	55,541	26,862	5,306,086	101.2
1932.....	890,450	1,605,000	2,924,863	1,611,418	41,439	21,131	6,011,706	95.9
1933.....	957,455	1,875,000	3,074,820	1,277,481	63,503	15,733	5,870,059	93.0
1934.....	1,235,461	1,409,000	2,199,181	2,612,372	164,929	9,410	6,303,773	99.2
1935.....	1,400,084	1,543,000	2,557,242	2,234,000	97,333	12,451	6,269,158	97.9
1936.....	1,355,384	1,713,000	2,693,616	1,893,643	78,978	10,685	6,203,120	96.3
1937.....	1,362,860	1,720,000	2,560,193	1,641,066	61,166	13,713	5,657,976	87.2
1938.....	1,551,204	2,230,000	2,577,220	1,569,450	83,782	13,230	5,932,931	90.9
1939 (prel.).....	1,897,991	2,115,000	2,444,880	2,836,097	217,033	12,945	6,673,634	101.7

<sup>1</sup> Beginning 1909, stocks on hand are taken into account. Figures for 1909-21 are for cane sugar only, stocks on hand July 1, 1922, comparable with July 1, 1921, amounted to 296,492 tons; 1922-34 includes stocks of raw cane sugar in all ports and beet sugar held by factories, according to trade sources. Beginning 1935, includes stocks of raw and refined sugar held by refiners, by importers and distributors of direct consumption sugar, and by beet sugar factories, as reported by the Sugar Division, U. S. Department of Agriculture. Stocks on July 1, 1935, comparable with July 1, 1934, totaled 1,051,296 tons raw value.

<sup>2</sup> Beet sugar converted to raw at the rate of 1.075 until 1921.

<sup>3</sup> Includes Hawaii, Puerto Rico, and the Philippines; Virgin Islands included beginning July 1, 1917.

<sup>4</sup> No account taken of sugar imported in other forms. Imports from the Philippine Islands excluded beginning July 1, 1900, and from Virgin Islands beginning July 1, 1917; reexports deducted through 1932; imports for consumption beginning 1933.

<sup>5</sup> Includes shipments to Hawaii and Puerto Rico for all years, to Alaska beginning 1933, and the Virgin Islands beginning Jan. 1, 1935. Excludes direct exports to foreign countries through customs districts of noncontiguous territories.

<sup>6</sup> Sugar used in the manufacture of other commodities for export on which drawback was paid, taken into account beginning 1909.

<sup>7</sup> 4-year average.

<sup>8</sup> 1909 only.

<sup>9</sup> Raw sugar converted to refined by multiplying by the following factors: For years prior to 1922, 0.9369; 1922-30, Cuba and Hawaii, 0.9358; Puerto Rico, 0.9393; Philippine Islands, 0.95; all others, 0.932; beginning 1931, Hawaii, 0.9617; Puerto Rico, Philippine Islands, and Virgin Islands, 0.946; Cuba and all others, 0.9418.

Source: Dept. of Agriculture, Bur. of Agricultural Economics; annual report, Agricultural Statistics. Also published in The World Sugar Situation.

No. 703.—SUGAR, BEET AND CANE, RAW—PERCENT DISTRIBUTION OF CONSUMPTION IN CONTINENTAL UNITED STATES, BY SOURCE: 1870 TO 1939

NOTE.—Percents are based on figures in tables 701 and 702, except that stocks have been disregarded

YEARLY AVERAGE OR YEAR BEGINNING JULY 1—	Percent of world production retained for consumption	PERCENT OF CONSUMPTION FROM 1—			YEAR BEGINNING JULY 1—	Percent of world production retained for consumption	PERCENT OF CONSUMPTION FROM 1—		
		Domes- tic	Non- contiguous territory <sup>2</sup>	All for- eign coun- tries			Domes- tic	Non- contiguous territory <sup>2</sup>	All for- eign coun- tries
1870-1874.....	(3)	8.0	13.4	78.0	1925.....	23.8	16.8	29.8	53.3
1875-1879.....	(3)	10.7	13.5	75.8	1926.....	23.9	15.5	25.9	58.6
1880-1884.....	(3)	10.5	17.1	72.4	1927.....	22.3	18.9	31.3	49.8
1885-1889.....	(3)	10.0	18.8	71.2	1928.....	23.2	17.7	27.5	54.9
1890-1894.....	(3)	13.3	11.1	75.6	1929.....	20.6	20.5	37.3	42.2
1895-1899.....	20.9	14.4	13.4	72.1	1930.....	20.2	23.5	40.6	35.9
1900-1904.....	21.6	18.9	17.4	63.7	1931.....	22.0	22.0	43.5	34.5
1905-1909.....	22.0	23.0	21.6	55.3	1932.....	23.5	26.7	47.8	25.6
1910-1914.....	20.3	24.0	25.3	50.7	1933.....	22.3	30.8	49.7	19.5
1915-1919.....	22.8	25.0	24.9	50.2	1934.....	21.6	23.5	36.0	40.5
1920-1924.....	25.0	21.3	22.7	56.0	1935.....	20.5	25.0	40.8	34.2
1925-1929.....	22.7	17.9	30.3	51.9	1936.....	18.7	27.8	43.0	29.1
1930-1934.....	21.9	25.3	43.5	31.2	1937.....	17.7	29.7	43.5	26.8
1923.....	24.5	10.7	22.6	57.7	1938.....	20.1	35.8	40.7	23.5
1924.....	24.1	19.2	25.2	55.6	1939.....	20.4	31.9	36.2	31.9

<sup>1</sup> Exports assumed to be wholly from sugar imported from foreign countries.

<sup>2</sup> Hawaii, Puerto Rico, and Philippine Islands and beginning July 1, 1917, Virgin Islands.

<sup>3</sup> Not available.

Source: 1875 to 1909, computed from production as reported by the Department of Agriculture, and exports, imports, and shipments as reported by the Department of Commerce, Bureau of Foreign and Domestic Commerce; thereafter, based on data in tables 701 and 702.

NO. 704.—SUGAR, RAW AND REFINED—WHOLESALE PRICES, NEW YORK, 1891 TO 1939, AND BY MONTHS, 1937, 1938, AND 1939

(Cents per pound)

YEARLY AVERAGE OR YEAR	Raw, 96° centrifugal	Re-fined, granulated	YEAR AND MONTH	Raw, 96° centrifugal	Re-fined, granulated	YEAR AND MONTH	Raw, 96° centrifugal	Re-fined, granulated	YEAR AND MONTH	Raw, 96° centrifugal	Re-fined, granulated
1891-1895	3.5	4.4	1937			1938			1939		
1896-1900	4.1	4.8	Jan.....	3.9	4.9	Jan.....	3.2	4.7	Jan.....	2.9	4.2
1901-1905	3.9	4.9	Feb.....	3.6	4.9	Feb.....	3.2	4.7	Feb.....	2.8	4.2
1906-1910	4.0	4.8	Mar.....	3.5	4.7	Mar.....	3.1	4.6	Mar.....	2.8	4.4
1911-1915	4.1	5.0	Apr.....	3.5	4.7	Apr.....	2.9	4.5	Apr.....	2.9	4.4
1916-1920	7.8	8.8	May.....	3.4	4.6	May.....	2.7	4.6	May.....	2.9	4.4
1921-1925	5.3	6.7	June.....	3.4	4.6	June.....	2.7	4.4	June.....	2.9	4.4
1926-1930	4.1	5.2	July.....	3.5	4.6	July.....	2.8	4.4	July.....	2.9	4.3
1931-1935	3.1	4.4	Aug.....	3.5	4.6	Aug.....	2.8	4.3	Aug.....	2.9	4.3
1935	3.2	4.9	Sept.....	3.4	4.8	Sept.....	3.0	4.5	Sept.....	3.7	5.5
1936	3.6	4.8	Oct.....	3.2	4.8	Oct.....	3.1	4.6	Oct.....	3.4	5.2
1937	3.5	4.7	Nov.....	3.2	4.8	Nov.....	3.0	4.5	Nov.....	3.0	4.8
1938	2.9	4.5	Dec.....	3.2	4.8	Dec.....	2.9	4.4	Dec.....	3.0	4.6
1939	3.0	4.6									

Source: Dept. of Labor, Bur. of Labor Statistics; published in Wholesale Prices, June and Dec. issues.

NO. 705.—RUBBER—WORLD PRODUCTION AND U. S. IMPORTS: 1911 TO 1939

NOTE.—Figures include guayule. Value of imports of rubber (excluding guayule beginning 1911) are shown in table 559, p. 494. Tons are of 2,240 pounds

YEAR	WORLD PRODUCTION			UNITED STATES				AVERAGE PRICE PER POUND, NEW YORK	
	Total	Plantation (Middle East)	Wild (tropical America and Africa)	Imports	Reex-ports	Retained		Fine para	Plantation, ribbed, smoked sheet
						Amount	Share of world production		
	Long tons	Long tons	Long tons	Long tons	Long tons	Long tons	Percent	Dollars	Dollars
1911	94, 055	17, 501	76, 554	44, 425	2, 897	41, 728	44.4	1.110	1.413
1912	114, 276	33, 308	80, 970	58, 434	2, 497	55, 937	48.9	1.052	1.216
1913	120, 123	53, 644	66, 479	53, 907	1, 920	51, 987	43.3	.807	.820
1914	122, 614	74, 328	48, 286	64, 884	2, 619	62, 265	50.7	.616	.655
1915	170, 826	116, 370	54, 456	101, 093	2, 103	98, 990	57.9	.557	.687
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, 004	179, 251	64.4	.648	.722
1918	219, 684	181, 061	38, 623	146, 132	2, 750	143, 382	65.3	.549	.602
1919	399, 731	348, 990	50, 741	240, 690	2, 283	238, 407	59.6	.483	.485
1920	341, 994	305, 106	36, 888	253, 631	4, 100	249, 531	73.0	.333	.359
1921	301, 512	277, 516	23, 996	185, 452	5, 716	179, 736	59.6	.192	.165
1922	406, 394	379, 620	26, 774	301, 077	4, 809	296, 268	72.9	.183	.173
1923	408, 641	380, 058	28, 583	309, 145	8, 772	300, 373	73.5	.248	.307
1924	425, 091	394, 037	31, 054	329, 412	10, 309	319, 103	74.9	.212	.264
1925	528, 485	488, 825	39, 660	400, 423	14, 827	385, 596	73.0	.560	.730
1926	621, 757	581, 443	40, 314	417, 643	17, 671	399, 972	64.3	.380	.487
1927	606, 667	562, 262	44, 415	431, 246	27, 775	403, 471	66.5	.268	.381
1928	653, 837	622, 018	31, 819	439, 731	32, 159	407, 572	62.3	.186	.226
1929	893, 267	835, 252	28, 015	565, 087	36, 485	528, 602	61.2	(1)	.206
1930	821, 914	802, 082	19, 832	487, 628	30, 206	457, 423	55.7	(1)	.119
1931	798, 324	782, 909	15, 415	501, 788	25, 609	476, 179	59.6	(1)	.062
1932	708, 449	700, 239	8, 210	414, 668	20, 937	393, 731	55.6	(1)	.035
1933	851, 456	838, 836	12, 620	418, 902	20, 576	398, 326	46.8	(1)	.060
1934	1, 016, 509	1, 004, 253	12, 256	463, 018	23, 856	439, 162	43.2	(1)	.129
1935	872, 413	855, 038	17, 375	467, 146	11, 390	455, 756	52.2	(1)	.124
1936	856, 376	833, 656	22, 720	488, 145	12, 582	475, 563	55.5	(1)	.165
1937	1, 135, 398	1, 108, 717	26, 681	600, 476	7, 948	592, 528	52.2	(1)	.194
1938	889, 438	864, 098	25, 340	412, 092	5, 652	406, 440	45.7	(1)	.147
1939	1, 004, 869	972, 130	32, 739	499, 353	13, 125	486, 228	48.4	(1)	.179

1 Discontinued.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce (compiled from various original sources); data through 1937 are published in "Rubber Statistics, 1900-1937." Statistics and other facts relating to rubber are published currently in Rubber News Letter. Prices, Dept. of Labor, Bur. of Labor Statistics (except plantation, 1910 to 1914, from U. S. Rubber Co.), published in Wholesale Prices, Dec. issue.

No. 706.—COTTON—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES,  
AND CARRY-OVER: 1905 TO 1940

NOTE.—All figures, except average net weight and price, in thousands of bales. Production figures relate to crop of preceding year and are compiled from individual reports of ginners. Beginning 1911, price per pound represents average price received by growers, as computed by Department of Agriculture; for earlier years, it is average price of average grade marketed in New Orleans prior to April 1 of following year. Consumption figures relate to 12 months during which crop of specified year was chiefly marketed, and not to calendar year. Export and import figures (compiled by Bureau of Foreign and Domestic Commerce) relate to 12 months beginning Sept. 1 for years prior to 1915, and to 12 months beginning Aug. 1, thereafter. Figures for linters are included in those for consumption prior to 1909, and in export figures prior to 1915. Separate figures for linters prior to those years not available. See 1937 Statistical Abstract, table 659, for figures for years prior to 1905

YEAR ENDED JULY 31 <sup>1</sup>	COTTON (EXCLUSIVE OF LINTERS)							Carry-over (running bales)
	Production		Average net weight of bale (lb.)	Average price per pound upland cotton (cents)	Con- sumption (running bales)	Exports of do- mestic cotton (running bales)	Imports (equiva- lent 500- pound bales)	
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight						
1905.....	13,451	13,438	478	8.7	4,279	8,835	130	1,935
1906.....	10,495	10,575	482	10.9	4,009	6,763	133	1,349
1907.....	12,983	13,274	489	10.0	4,985	8,508	203	1,515
1908.....	11,068	11,107	480	11.5	4,539	7,573	141	1,236
1909.....	13,086	13,242	484	9.2	5,092	8,574	165	1,484
1910.....	10,073	10,005	475	14.3	4,622	6,339	151	1,040
1911.....	11,568	11,669	480	14.0	4,498	7,781	231	1,375
1912.....	16,553	15,693	483	9.6	5,129	10,682	229	1,777
1913.....	13,489	13,703	486	11.5	6,483	8,801	225	1,598
1914.....	13,083	14,156	484	12.5	5,577	8,915	266	1,448
1915.....	15,906	16,135	485	7.3	5,697	8,323	364	3,036
1916.....	11,068	11,192	484	11.2	6,398	5,896	421	3,140
1917.....	11,364	11,450	482	17.3	6,789	5,300	288	2,720
1918.....	11,248	11,302	480	27.1	6,566	4,288	217	3,450
1919.....	11,906	12,041	484	28.8	5,766	5,592	197	4,287
1920.....	11,326	11,421	482	35.4	6,420	6,545	683	3,593
1921.....	13,271	13,440	484	15.8	4,893	5,745	211	6,534
1922.....	7,978	7,954	475	16.9	5,910	6,184	352	2,832
1923.....	9,729	9,762	480	22.9	6,666	4,823	450	2,325
1924.....	10,171	10,140	477	28.7	5,681	5,656	272	1,556
1925.....	13,639	13,628	478	22.9	6,193	8,005	303	1,610
1926.....	16,123	16,104	478	19.6	6,456	8,051	314	3,543
1927.....	17,755	17,977	484	12.5	7,190	10,927	382	3,762
1928.....	12,783	12,956	485	20.2	6,834	7,542	321	2,536
1929.....	14,207	14,478	484	18.0	7,091	8,044	442	2,312
1930.....	14,548	14,825	487	16.8	6,106	6,690	368	4,530
1931.....	13,756	13,932	484	9.5	5,293	6,780	99	6,370
1932.....	16,029	17,096	492	5.7	4,806	8,708	107	9,678
1933.....	12,710	13,002	490	6.5	6,137	8,410	124	8,165
1934.....	12,664	13,047	493	10.3	5,700	7,534	137	7,744
1935.....	9,472	9,637	487	12.4	5,361	4,798	107	7,203
1936.....	10,420	10,638	488	11.1	6,351	5,973	155	5,409
1937.....	12,141	12,399	489	12.3	7,950	5,440	249	4,490
1938.....	18,252	18,945	497	8.4	5,748	5,598	158	11,533
1939.....	11,623	11,944	492	8.6	6,858	3,327	132	13,083
1940.....	11,481	11,816	493	9.1	7,784	6,192	159	10,564

<sup>1</sup> For exceptions, see headnote.

Source: Department of Commerce, Bureau of the Census; annual report, Cotton Production and Distribution, except as noted in headnote.

No. 707.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION, VALUE, AND EXPORTS, 1881 TO 1940, AND BY STATES, 1930

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 2,000 pounds

YEARLY AVERAGE OR YEAR ENDED JULY 31 OR JUNE 30—	COTTONSEED		COTTONSEED PRODUCTS													Exports				
	Pro-duction	Used in mills	Production				Value				Value per unit				Oil	Meal and cake				
			Oil	Meal and cake	Hulls	Linters	All products	Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake	Hulls			Linters			
	1,000 tons	1,000 tons													1,000 pounds	1,000 tons		1,000 tons	Bales <sup>1</sup>	1,000 dollars
1881-1890	3,018	553	165,810	193				12,164	7,384	4,300					4.7	22.25			34,068	
1891-1900	4,280	1,625	485,015	570				25,580	13,348	11,733					2.8	20.58	3.273	3.1	191,157	488
1901-1905	5,139	3,085	890,745	1,130	1,382	107,327	65,148	34,038	22,824	5,400	2,886				3.8	20.19	3.91	2.1	297,888	548
1906-1910	5,258	3,296	990,450	1,339	1,195	282,064	83,424	40,432	32,236	7,242	3,514				4.1	24.07	6.08	3.4	311,463	578
1911-1915	6,353	4,847	1,466,940	2,162	1,527	595,225	143,766	75,534	51,580	10,126	6,526				5.1	23.86	6.63	2.1	290,311	551
1916-1920	5,116	4,285	1,302,050	2,041	1,093	943,474	312,781	179,249	92,191	14,845	26,496				13.8	45.18	13.58	5.4	172,877	301
1921-1925	4,878	3,646	1,125,196	1,654	1,082	578,384	177,947	91,147	61,141	11,539	14,120				8.1	36.97	10.66	4.7	106,371	258
1926-1930	6,784	5,319	1,631,597	2,409	1,495	1,117,754	247,765	132,413	81,514	11,294	22,544				8.1	33.84	7.55	3.9	48,762	328
1931-1935	5,932	4,474	1,398,611	2,032	1,229	954,186	129,846	67,335	42,939	7,633	11,938				4.8	21.13	6.21	4.2	28,100	97
1936	6,435	5,061	1,604,131	2,282	1,368	1,234,287	265,247	133,906	90,706	12,842	27,793				3.3	39.75	9.39	4.3	29,531	286
1937	6,590	5,016	1,672,322	2,232	1,384	1,195,676	229,440	114,892	82,296	12,103	20,149				7.3	36.87	8.74	3.2	31,998	170
1938	6,191	4,715	1,441,882	2,165	1,304	950,177	169,704	91,638	58,623	10,474	8,969				6.4	27.08	8.04	1.8	26,353	44
1939	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
1940	5,782	4,621	1,445,681	2,093	1,312	879,262	87,313	47,234	29,467	4,681	5,931				3.3	14.08	3.57	1.3	44,427	151
1934	5,803	4,157	1,302,786	1,889	1,103	947,099	111,925	48,409	39,513	7,513	16,490				5.3	20.92	6.81	3.4	23,189	74
1935	4,282	3,550	1,108,682	1,614	913	965,540	177,738	91,849	54,023	10,260	21,606				8.3	33.46	11.24	4.3	5,495	3
1936	4,729	3,818	1,163,736	1,739	988	1,050,213	167,745	101,454	63,753	6,568	20,970				8.7	22.29	6.65	3.9	3,571	10
1937	5,511	4,498	1,363,978	2,031	1,144	1,357,296	229,183	123,189	65,763	10,472	29,739				9.0	32.89	9.15	4.2	3,315	4
1938	8,266	6,326	1,961,486	2,830	1,626	1,754,516	212,197	121,510	62,843	8,917	18,927				5.2	22.20	5.48	2.1	7,806	88
1939	5,309	4,471	1,409,414	2,023	1,161	1,329,208	153,185	86,601	47,194	7,123	12,267				6.1	23.32	6.13	1.5	4,212	19
1940	5,259	4,151	1,325,241	1,882	1,055	1,283,122	169,212	77,561	54,003	8,728	18,920				5.8	28.69	8.27	2.8	18,590	7
Alabama	347	217	67,459	90	61	49,111	7,760	3,919	2,471	650	740				5.3	27.57	10.31	2.9		
Arizona	90	92	29,961	41	25	22,804	3,549	1,843	1,179	177	350				6.2	28.71	7.01	2.9		
Arkansas	633	455	149,000	201	116	170,036	17,727	8,925	5,519	876	2,407				6.0	27.44	7.53	2.7		
California	197	168	55,939	80	36	58,612	6,881	3,864	2,272	262	963				6.7	28.30	7.35	3.1		
Georgia	409	398	129,229	174	108	107,468	14,915	7,386	4,877	1,096	1,576				5.7	23.06	10.13	2.8		
Louisiana	832	220	70,660	100	54	64,973	8,150	4,042	2,663	483	959				5.7	26.75	7.01	2.8		
Mississippi	706	641	219,915	277	158	226,250	24,800	13,151	7,094	1,115	3,440				6.0	25.57	7.05	3.0		
North Carolina	204	165	54,295	75	37	46,685	6,216	3,144	2,009	395	728				5.8	26.93	9.04	2.7		
Oklahoma	230	154	43,858	77	38	50,681	6,342	2,561	2,710	358	713				5.8	35.41	9.49	3.2		
South Carolina	388	238	78,122	110	57	68,607	9,138	4,422	3,039	532	1,145				5.7	27.51	9.37	2.7		
Tennessee	198	338	110,288	144	90	117,895	12,912	6,772	3,849	586	1,705				6.1	26.75	6.52	2.8		
Texas	1,274	962	281,777	464	249	293,305	36,530	15,920	14,827	2,123	3,660				5.6	31.36	8.54	2.7		
All other States	250	109	34,738	50	26	36,695	4,292	2,112	1,491	155	534				6.1	29.81	5.95	2.7		

<sup>1</sup> Of 500 pounds net.

<sup>2</sup> Based on gross weight of bale.

<sup>3</sup> Figures for 1900.

<sup>4</sup> 6-year average, 1895-1900.

Source: Department of Commerce, Bureau of the Census; annual report, Cotton Production and Distribution.

FARM CROPS AND FOODSTUFFS

No. 708.—COTTON (EXCLUDING LINTERS)<sup>1</sup>—EXPORTS, BY COUNTRIES: 1866 TO 1940

YEARLY AVERAGE OR YEAR <sup>2</sup>	Total value (thousands of dollars)	QUANTITY IN THOUSANDS OF BALES, EXPORTED BY THE UNITED STATES TO <sup>3</sup> —											
		All countries	Total Europe	United Kingdom	Germany	France	Italy	Spain	Belgium	Soviet Union <sup>4</sup>	China	Japan	Canada
1866-1875	205,285	1,983	1,972	1,433	142	227	17	56	11	53	-----	-----	4
1876-1885	200,146	3,594	3,553	2,811	336	421	54	125	28	202	-----	-----	21
1886-1895	227,578	5,121	5,020	2,951	844	536	102	192	120	148	-----	-----	64
1900-1900	220,557	6,465	6,163	2,968	1,623	715	367	239	122	86	5	187	96
1901-1905	334,256	7,097	6,799	3,096	1,812	778	431	251	139	121	3	158	113
1906-1910	437,532	7,850	7,508	3,243	2,180	956	486	252	130	99	(9)	183	133
1911-1915	537,044	9,318	8,706	3,804	2,196	1,081	648	327	164	91	16	363	165
1916-1920	765,515	5,620	4,972	2,796	7,421	795	614	310	56	48	9	661	211
1921-1925	737,256	6,082	5,132	1,806	1,294	713	557	251	172	39	53	699	174
1926-1930	820,753	8,251	6,527	1,857	1,670	871	617	297	209	321	193	1,206	232
1931-1935	370,140	7,244	4,713	1,181	1,344	665	611	277	135	47	465	1,727	210
1928	820,105	7,642	6,170	1,411	1,988	805	687	305	202	424	118	959	223
1929	847,409	8,044	6,212	1,831	1,797	775	717	273	202	318	236	1,309	254
1930	657,727	6,690	5,240	1,256	1,687	812	652	290	170	120	226	1,020	182
1931	420,972	6,760	4,793	1,054	1,640	914	477	251	138	80	420	1,228	190
1932	359,940	8,708	4,864	1,344	1,570	463	649	306	136	-----	1,112	2,294	137
1933	342,039	8,419	6,078	1,492	1,849	804	804	313	153	43	301	1,743	176
1934	421,406	7,534	4,987	1,278	1,313	709	649	275	121	50	375	1,846	270
1935	325,685	4,799	2,866	738	942	373	474	240	97	111	108	1,524	225
1936	353,537	5,973	4,159	1,410	765	681	380	207	157	(5)	36	1,479	248
1937	372,923	5,440	3,510	1,144	650	655	398	(6)	154	(1)	14	1,550	307
1938	306,536	5,598	4,304	1,652	654	716	595	1	190	(5)	23	691	246
1939	170,652	3,227	2,058	461	321	335	276	17	83	-----	86	864	229
1940	343,944	6,192	4,243	1,905	19	724	542	270	200	-----	408	914	412

<sup>1</sup> Linters included prior to 1921.

<sup>2</sup> Years ended June 30 prior to 1923; July 31 thereafter.

<sup>3</sup> In 500-pound bales prior to 1926; running bales thereafter.

<sup>4</sup> Includes Finland, Estonia, Latvia, and Poland prior to 1919.

<sup>5</sup> Average, 1891-95.

<sup>6</sup> Less than 500.

<sup>7</sup> 1 year only, 1920.

<sup>8</sup> In addition, 51,000 bales were exported to Kwantung, destined mainly for North China.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce; Monthly Summary of Foreign Commerce of the U. S.

No. 709.—COFFEE—IMPORTS AND REEXPORTS: 1830 TO 1939

NOTE.—Imports and reexports in thousands of pounds. Years ended Sept. 30, 1830 and 1840, and June 30, 1850 to 1918; thereafter, calendar years. Imports represent imports from foreign countries and from Territories and possessions into continental United States, and reexports represent exports from continental United States to foreign countries and outlying Territories and possessions. Figures represent mostly green coffee

YEARLY AVERAGE OR YEAR	Imports	Reex-ports	Net im-ports per capita, pounds	Average import price per pound, cents	YEAR	Imports	Reex-ports	Net im-ports per capita, pounds	Average import price per pound, cents
1830	51,488	13,125	2.99	8.2	1910	873,984	13,569	9.33	8.0
1840	94,996	8,698	5.04	9.0	1911	878,322	8,371	9.29	10.4
1850	145,273	15,481	5.68	7.7	1912	887,748	7,200	9.26	13.3
1861-1860	203,190	14,710	6.78	9.0	1913	868,054	7,135	8.90	18.8
1861-1870	173,290	8,229	4.46	10.8	1914	1,006,362	13,811	10.14	11.1
1871-1880	331,925	7,911	7.19	14.7	1915	1,126,042	70,953	10.62	9.6
1881-1890	513,039	24,725	8.52	10.8	1916	1,203,841	76,818	11.20	9.6
1891-1895	585,270	8,702	8.61	16.8	1917	1,322,059	57,503	12.33	10.1
1896-1900	761,715	21,819	10.07	8.9	1918	1,145,966	65,598	10.43	9.0
1901-1905	983,464	40,400	11.65	7.1	1918 (6 mos.)	438,472	23,621	-----	10.0
1906-1910	931,644	15,325	10.29	7.9	1919	1,341,306	93,021	11.89	19.5
1911-1915	952,906	21,494	9.65	11.5	1920	1,290,743	54,840	11.68	19.5
1916-1920 <sup>1</sup>	1,227,523	67,347	11.20	13.5	1921	1,345,367	41,821	12.05	10.7
1921-1925	1,343,579	35,268	11.73	15.4	1922	1,248,938	35,576	11.04	12.9
1926-1930	1,498,291	24,222	12.30	18.9	1923	1,412,233	31,899	12.38	13.5
1931-1935	1,628,316	19,520	12.79	8.7	1924	1,423,758	30,213	12.23	17.5
1936	652,200	8,993	9.24	14.7	1925	1,287,601	27,333	10.97	22.3
1896	580,598	7,926	8.08	14.6	1926	1,495,517	26,629	12.61	21.6
1897	737,646	13,066	10.04	11.1	1927	1,444,124	24,029	12.01	18.5
1898	870,514	18,823	11.59	7.5	1928	1,460,860	19,318	12.03	21.3
1899	831,827	30,070	10.72	6.6	1929	1,436,253	16,998	12.09	20.4
1900	787,992	39,191	9.84	6.7	1930	1,604,701	34,138	12.76	13.1
1901	857,018	45,335	10.43	7.4	1931	1,749,159	19,879	13.93	10.1
1902	1,092,344	35,125	13.32	6.5	1932	1,508,018	23,074	11.88	9.1
1903	923,254	48,849	10.80	6.5	1933	1,592,006	18,889	12.51	7.9
1904	998,677	35,102	11.67	7.0	1934	1,531,130	19,039	11.94	8.8
1905	1,046,028	37,087	11.98	8.1	1935	1,761,262	16,719	13.68	7.6
1906	853,800	19,133	9.72	8.6	1936	1,746,913	15,236	13.48	7.7
1907	986,596	11,627	11.15	7.9	1937	1,707,151	15,869	13.08	8.9
1908	892,992	17,111	9.82	7.6	1938	1,990,814	13,264	15.19	6.9
1909	1,051,750	15,188	11.43	7.5	1939 (prel.)	2,020,071	25,525	15.21	6.9

<sup>1</sup> Overvalued, due to depreciation of Brazilian paper milreis. <sup>2</sup> Average, July 1, 1915, to Dec. 31, 1920.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce; coffee imports, annual report, Foreign Commerce and Navigation of the U. S. Statistics on foreign trade in coffee are published in a special report and also currently in Monthly Summary of Foreign Commerce of the U. S.



## No. 710.—TEA—NET IMPORTS: 1830 TO 1939

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 709); prior to that time the small trade between the United States and noncontiguous territories is not included

YEARLY AVERAGE OR YEAR	Quantity			YEARLY AVERAGE OR YEAR	Quantity			YEAR	Quantity		
	Value	Per capita	Value		Value	Per capita	Value		Value	Per capita	
1830.....	6,873	1,532	0.54	1910-1920 <sup>1</sup>	106,988	22,628	1.03	1928.....	88,843	26,815	.74
1840.....	16,883	4,067	.99	1921-1925.....	92,230	24,658	.83	1929.....	88,247	26,444	.78
1850.....	28,200	3,982	1.21	1926-1930.....	88,654	26,604	.74	1930.....	83,773	22,214	.63
1851-1860.....	21,028	5,361	.76	1931-1935.....	86,892	15,359	.69	1931.....	85,807	18,455	.69
1861-1870.....	32,394	8,969	.91	1930.....	87,801	23,408	.83	1932.....	93,857	12,225	.75
1871-1880.....	59,536	15,570	1.32	1921.....	75,002	13,797	.69	1933.....	95,705	13,485	.70
1881-1890.....	76,634	18,051	1.84	1922.....	93,928	23,067	.85	1934.....	73,979	15,776	.58
1891-1895.....	89,676	13,889	1.34	1923.....	102,157	28,860	.92	1935.....	85,110	16,854	.67
1896-1900.....	89,217	11,857	1.17	1924.....	90,496	26,608	.80	1936.....	80,691	17,533	.63
1901-1905.....	95,814	13,849	1.18	1925.....	99,567	30,957	.87	1937.....	93,246	20,081	.72
1906-1910.....	93,595	15,211	1.05	1926.....	94,512	30,856	.81	1938 <sup>2</sup> .....	80,581	18,053	.62
1911-1915.....	95,237	17,189	.99	1927.....	87,896	27,691	.74	1939 <sup>2</sup> .....	96,529	20,699	.74

<sup>1</sup> Average for period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> Preliminary.

## No. 711.—COCOA AND CHOCOLATE—IMPORTS: 1871 TO 1939

[Quantity in thousands of pounds; value in thousands of dollars. Figures represent general imports through 1932; imports for consumption thereafter]

YEARLY AVERAGE OR YEAR <sup>1</sup>	COCOA OR CACAO BEANS AND CHOCOLATE <sup>2</sup>		YEAR <sup>1</sup>	COCOA OR CACAO BEANS AND CHOCOLATE <sup>2</sup>		YEAR <sup>1</sup>	COCOA OR CACAO BEANS AND CHOCOLATE <sup>2</sup>	
	Quantity	Value		Quantity	Value		Quantity	Value
1871-1880 <sup>3</sup> .....	5,132	706	1916.....	244,911	34,602	1928.....	388,035	49,216
1881-1890.....	13,504	1,891	1917.....	390,838	41,674	1929.....	515,571	61,271
1891-1900.....	29,408	4,120	1918.....	300,015	37,972	1930.....	378,320	32,214
1901-1905.....	63,600	8,290	1919.....	302,365	58,342	1931.....	420,260	23,868
1906-1910.....	102,304	13,418	1920.....	344,986	54,811	1932.....	483,490	20,093
1911-1915.....	161,473	19,002	1921.....	306,568	23,566	1933.....	478,800	19,104
1916-1920.....	346,623	45,480	1922.....	347,010	32,571	1934.....	444,792	19,752
1921-1925.....	367,907	32,019	1923.....	416,818	34,396	1935.....	609,065	26,952
1926-1930.....	429,838	47,044	1924.....	382,029	30,152	1936.....	635,414	33,517
1931-1935.....	487,401	21,951	1925.....	387,108	39,412	1937.....	622,823	52,035
1914.....	179,364	21,504	1926.....	433,117	44,227	1938.....	456,795	20,704
1915.....	194,784	23,478	1927.....	431,049	58,291	1939.....	608,224	28,230

<sup>1</sup> Fiscal years through 1915; calendar years thereafter.

<sup>2</sup> Includes prepared except confectionery.

<sup>3</sup> Includes 3-year average for quantity of chocolate and 9-year average for its value.

## No. 712.—SILK AND SILK MANUFACTURES—IMPORTS AND EXPORTS: 1871 TO 1939

[Quantity in thousands of pounds; value, except average price per pound, in thousands of dollars]

YEARLY AVERAGE OR YEAR <sup>1</sup>	UNMANUFACTURED SILK, IMPORTS <sup>2</sup>		Average price per pound	SILK MANUFACTURES, VALUE		YEAR <sup>1</sup>	UNMANUFACTURED SILK, IMPORTS <sup>2</sup>		Average price per pound	SILK MANUFACTURES, VALUE	
	Quantity	Value		Imports <sup>3</sup>	Exports (excluding re-exports)		Quantity	Value		Imports <sup>3</sup>	Exports (excluding re-exports)
1871-1880.....	41,340	40,390	\$4.77	27,063	53	1921.....	52,332	264,723	\$5.06	48,276	9,672
1881-1890.....	5,328	10,775	3.15	34,162	83	1922.....	58,407	371,629	6.36	37,413	11,824
1891-1900.....	9,259	25,843	2.90	29,778	268	1923.....	61,954	401,655	6.48	44,597	11,130
1901-1905.....	15,798	45,968	2.91	32,215	425	1924.....	60,603	335,041	5.53	37,699	14,148
1906-1910.....	20,281	67,414	3.32	33,725	335	1925.....	76,795	408,386	5.32	36,719	18,182
1911-1915.....	30,190	82,703	2.74	28,306	2,210	1926.....	77,669	402,676	5.18	40,570	17,788
1916-1920.....	45,641	235,332	5.16	47,121	16,735	1927.....	86,344	390,088	4.62	42,234	15,298
1921-1925.....	62,030	356,287	5.74	40,941	12,992	1928.....	85,269	373,331	4.23	41,388	18,648
1926-1930.....	86,458	374,715	4.33	36,383	17,293	1929.....	98,016	432,340	4.41	39,037	20,388
1931-1935.....	74,569	115,883	1.55	8,595	5,954	1930.....	81,994	256,138	3.25	18,687	14,342
1912.....	26,585	69,542	2.62	24,561	2,009	1931.....	89,446	192,288	2.15	16,625	9,563
1913.....	32,102	84,915	2.65	27,590	2,401	1932.....	77,588	114,325	1.47	5,933	4,547
1914.....	34,546	100,930	2.92	35,458	2,316	1933.....	73,005	103,595	1.42	6,229	4,878
1915.....	31,563	83,131	2.68	25,050	2,754	1934.....	60,447	72,628	1.20	6,083	5,176
1916.....	40,872	149,785	3.66	37,110	6,363	1935.....	72,361	96,079	1.34	7,503	5,695
1917.....	43,428	189,763	4.37	39,763	8,608	1936.....	67,541	104,163	1.54	8,561	6,905
1918.....	48,721	194,199	3.99	28,509	17,982	1937.....	64,169	108,481	1.69	11,278	7,117
1919.....	55,522	341,887	6.16	54,746	23,903	1938.....	57,050	89,253	1.56	8,082	6,054
1920.....	39,660	301,038	7.59	75,419	26,821	1939.....	55,271	121,908	2.21	7,655	7,686

<sup>1</sup> Fiscal years through 1915; calendar thereafter.

<sup>2</sup> Includes artificial silk prior to 1911.

<sup>3</sup> General imports through 1932; imports for consumption thereafter.

<sup>4</sup> Raw silk.

Source of tables 710, 711, and 712: Dept. of Commerce, Bur. of Foreign and Domestic Commerce; except for table 710, annual report, Foreign Commerce and Navigation of the U. S.; also published currently in Monthly Summary of Foreign Commerce of the U. S. Tables 710 and 711, special report on foreign trade in Coffee, Cocoa Beans, and Tea.

No. 713.—CORN, RICE, FLAXSEED, AND TOBACCO—EXPORTS AND IMPORTS: 1852 TO 1940

[Corn and flaxseed in thousands of bushels of 56 pounds; rice and tobacco in thousands of pounds]

YEARLY AVERAGE OR YEAR ENDED JUNE 30—	CORN <sup>1</sup>		RICE <sup>2</sup>		FLAXSEED		UNMANUFACTURED TOBACCO	
	Exports <sup>3</sup>	Imports <sup>4</sup>	Exports <sup>3</sup>	Imports <sup>4</sup>	Exports <sup>3</sup>	Imports <sup>4</sup>	Exports <sup>3</sup>	Imports <sup>4</sup>
	1852-1856	7, 123	-----	56, 515	-----	11	1, 133	140, 184
1857-1861	6, 558	48	65, 732	-----	7	2, 730	107, 711	7, 154
1862-1866	12, 060	50	2, 258	70, 893	16	1, 037	140, 208	4, 132
1867-1871	9, 924	75	1, 857	52, 964	( <sup>5</sup> )	2, 018	194, 754	5, 631
1872-1876	38, 561	57	391	72, 526	( <sup>6</sup> )	2, 915	241, 848	8, 886
1877-1881	88, 190	42	002	62, 015	( <sup>7</sup> )	1, 224	266, 315	7, 271
1882-1886	49, 897	24	567	99, 871	( <sup>8</sup> )	1, 641	237, 942	13, 072
1887-1891	54, 606	15	3, 210	156, 869	10 66	1, 833	259, 248	21, 640
1892-1896	63, 980	8	10, 278	100, 808	1, 616	1, 182	281, 749	25, 871
1897-1901	192, 531	4	18, 407	105, 232	2, 600	404	304, 402	16, 958
1902-1906	74, 615	20	45, 078	150, 914	2, 950	234	325, 539	33, 805
1907-1911	56, 508	92	27, 195	215, 892	2, 813	3, 249	354, 388	42, 522
1912-1916	35, 774	5, 036	50, 043	248, 775	67	0, 227	408, 000	55, 556
1917-1921	45, 296	4, 950	209, 021	202, 514	13	14, 750	496, 924	74, 595
1922-1926	66, 759	1, 148	200, 030	74, 178	( <sup>9</sup> )	18, 198	466, 665	65, 470
1927-1931	18, 941	1, 859	315, 474	43, 734	( <sup>9</sup> )	18, 659	552, 707	78, 384
1932-1936	4, 170	10, 507	164, 457	41, 448	( <sup>9</sup> )	13, 357	418, 195	61, 189
1937	4, 965	20	104, 131	38, 897	( <sup>9</sup> )	17, 901	472, 630	55, 701
1938	2, 325	20, 427	124, 764	72, 812	( <sup>9</sup> )	15, 332	353, 347	58, 227
1939	816	31, 284	56, 438	65, 437	( <sup>9</sup> )	15, 888	432, 668	67, 895
1940	559	77, 974	55, 884	181, 397	( <sup>9</sup> )	20, 096	416, 884	69, 303
1852-1940	103, 732	34, 440	318, 701	106, 340	( <sup>9</sup> )	17, 861	459, 503	68, 022
1852-1940	67, 021	367	350, 396	67, 475	( <sup>9</sup> )	18, 744	478, 758	76, 085
1940 <sup>11</sup>	35, 560	562	307, 982	51, 407	( <sup>9</sup> )	13, 212	342, 354	80, 738

<sup>1</sup> Exports include meal in terms of grain (4 bushels of corn to 1 barrel of meal).  
<sup>2</sup> Includes flour, meal, etc. <sup>3</sup> Excluding reexports.  
<sup>4</sup> Imports for consumption, beginning 1933; general imports prior thereto.  
<sup>5</sup> 1858-61; no data for 1857. <sup>6</sup> 1857 only; not reported 1858-61. <sup>7</sup> Less than 500.  
<sup>8</sup> 1867 and 1868; not reported 1869-71. <sup>9</sup> Not reported separately.  
<sup>10</sup> 3-year average; not shown separately for other years. <sup>11</sup> Preliminary.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce; published currently in Monthly Summary of Foreign Commerce of the U. S. and in Foreign Crops and Markets, the latter issued by Dept. of Agriculture, Office of Foreign Agricultural Relations.

No. 714.—WHEAT—SUPPLY, DISTRIBUTION, AND DISAPPEARANCE, IN CONTINENTAL UNITED STATES: 1926 TO 1939

[All figures, except per capita, in thousands of bushels (number of pounds to a bushel, 60). Figures for imports, exports, and shipments, from reports of Foreign and Domestic Commerce]

ITEM	YEAR BEGINNING JULY 1—							
	1926-1930, average	1931-1935, average	1934	1935	1936	1937	1938	1939 (prel.)
Supply, total	1, 034, 290	988, 218	816, 268	807, 869	802, 909	878, 787	1, 104, 253	1, 048, 611
Stocks, July 1, total	167, 871	297, 543	274, 306	146, 708	141, 688	102, 477	172, 280	293, 366
On farms	35, 724	64, 275	62, 516	44, 339	43, 988	21, 851	59, 113	90, 372
In country mills and elevators	34, 453	43, 030	48, 128	30, 804	21, 908	11, 590	30, 620	36, 631
Commercial stocks	55, 111	119, 717	80, 548	21, 951	25, 202	16, 197	28, 333	81, 334
In merchant mills and elevators and stored for others <sup>1</sup>	42, 583	70, 523	83, 114	49, 524	50, 590	62, 899	54, 214	85, 029
New crop	866, 268	689, 604	526, 393	628, 344	626, 766	875, 676	931, 702	754, 971
Imports (flour included) <sup>2</sup>	153	10, 071	15, 569	34, 617	34, 455	634	271	274
Exports (flour included) <sup>3</sup>	158, 248	39, 020	10, 531	4, 207	0, 267	100, 060	106, 646	44, 868
Shipments to Alaska, Hawaii, Puerto Rico, and Virgin Islands (flour included) <sup>4</sup>	2, 956	2, 846	2, 733	2, 889	2, 096	3, 321	2, 888	3, 490
Disappearance, total	662, 603	683, 129	656, 246	658, 385	658, 169	703, 126	701, 353	702, 711
Seed	84, 206	82, 307	82, 535	87, 555	96, 593	94, 146	75, 813	73, 401
Feed (fed on farms of wheat growers)	70, 253	107, 606	83, 700	83, 168	88, 272	112, 860	125, 591	91, 064
Food and commercial feeds <sup>5</sup>	508, 138	493, 216	480, 961	488, 162	503, 304	496, 120	499, 940	536, 346
Carry-over <sup>7</sup>	210, 484	263, 223	146, 708	141, 688	102, 477	172, 280	293, 366	297, 542
Per capita disappearance (bushels) <sup>8</sup>	4.8	4.8	4.5	4.5	4.6	4.7	4.8	4.8

<sup>1</sup> Bureau of the Census figures raised to represent all merchant mills. Stored for others, 1926 to 1929, estimated by the Bureau of Agricultural Economics in the absence of actual figures.  
<sup>2</sup> Imports include full-duty wheat, wheat paying a duty of 10 percent ad valorem, and flour in terms of wheat, and exclude flour free for export.  
<sup>3</sup> Includes durum wheat returned from Montreal, estimated at 1,500,000 bushels.  
<sup>4</sup> Exports include only flour made from domestic wheat; figures prior to 1935-36 estimated on basis of total exports less wheat imported for milling in bond and export, adjusted for changes in carry-over; thereafter, figure for exports of flour wholly from United States wheat as reported.  
<sup>5</sup> Virgin Islands included with domestic exports prior to Jan. 1, 1935. <sup>6</sup> Balancing item.  
<sup>7</sup> For individual items, see stocks above. <sup>8</sup> Based on total disappearance less seed.

Source: Dept. of Agriculture, Bur. of Agricultural Economics, except as noted; annual report, Agricultural Statistics. Published also in The Wheat Situation.

No. 715.—WHEAT—EXPORTS AND IMPORTS: 1852 TO 1940

Note.—Number of pounds to a bushel of wheat, 60; to a barrel of wheat flour, 166

YEARLY AVERAGE OR YEAR ENDED JUNE 30—	EXPORTS (EXCL. RE-EXPORTS)			Imports—wheat and flour 1 2	YEAR ENDED JUNE 30—	EXPORTS (EXCL. RE-EXPORTS)			Imports—wheat and flour 1 2
	Wheat (grain)	Wheat flour	Wheat and flour 1			Wheat (grain)	Wheat flour	Wheat and flour 1	
	1,000 bushels	1,000 barrels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 barrels	1,000 bushels	1,000 bushels
1852-1856	4, 715	2, 892	19, 173	4, 178	1924	78, 793	17, 253	159, 880	23, 079
1857-1861	12, 378	3, 318	28, 970	6, 979	1925	105, 400	13, 896	260, 803	6, 201
1862-1866	22, 630	3, 318	40, 184	3 4, 728	1926	63, 189	9, 542	108, 086	15, 680
1867-1871	22, 107	2, 685	35, 032	1, 818	1927	156, 250	13, 385	219, 160	13, 263
1872-1876	48, 968	3, 416	66, 037	1, 680	1928	145, 999	12, 821	266, 258	15, 734
1877-1881	50, 781	5, 376	133, 263	906	1929	103, 114	12, 888	163, 688	21, 442
1882-1886	82, 884	8, 620	121, 075	517	1930	102, 175	12, 994	153, 247	12, 956
1887-1891	64, 739	11, 287	115, 529	352	1931	76, 365	11, 726	131, 477	19, 058
1892-1896	99, 014	15, 713	170, 624	1, 634	1932	66, 521	8, 357	135, 799	12, 886
1897-1901	120, 247	17, 151	197, 427	1, 280	1933	20, 887	4, 324	41, 211	9, 380
1902-1906	70, 527	15, 444	140, 026	993	1934	18, 800	3, 873	37, 002	11, 494
1907-1911	62, 855	11, 841	116, 138	706	1935	3, 019	3, 039	21, 532	25, 134
1912-1916	129, 415	13, 185	188, 748	2, 990	1936	311	3, 323	15, 620	46, 638
1917-1921	155, 646	19, 167	241, 899	26, 064	1937	3, 165	3, 918	21, 684	47, 824
1922-1926	140, 149	14, 274	207, 327	17, 473	1938	83, 740	4, 900	107, 194	3, 551
1927-1931	114, 781	12, 763	174, 766	16, 491	1939	84, 689	6, 637	115, 784	9, 023
1932-1936	27, 908	4, 763	50, 295	21, 106	1940 4	23, 636	6, 519	54, 274	10, 427

1 Flour converted to grain at rate of 5 bushels to a barrel, 1852 to 1879, 1/4, 1880 to 1921, 4/7 thereafter.

2 Imports for consumption beginning 1933; general imports prior thereto.

3 1862-65; no data for 1866.

4 Preliminary.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce. See source note, table 713, p. 733.

No. 716.—CORN, WHEAT, AND OATS—COMMERCIAL STOCKS, BY MONTHS: 1930-31 TO 1939-40

Note.—All figures in thousands of bushels. Number of pounds to a bushel: Wheat, 60; corn, 56; oats, 32. Figures represent domestic grain in store in public and private elevators in 39 markets and afloat in vessels or barges in harbors of lake and seaboard ports; they do not include grain in transit, stocks in mills or elevators attached to mills, or private stocks intended for local use. Stocks are as reported on Saturday nearest the first of each month. Official statistics were not compiled prior to January 1927. Bradstreet's visible supply is given for earlier years in the 1935 and previous issues of the Statistical Abstract

YEAR	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	CORN											
1930-31	4, 855	4, 550	7, 332	17, 190	17, 393	20, 127	22, 167	10, 697	12, 337	8, 175	8, 363	9, 066
1931-32	5, 580	7, 341	9, 803	12, 664	14, 176	18, 528	22, 693	22, 032	20, 903	16, 117	11, 144	14, 739
1932-33	18, 705	27, 973	26, 537	30, 633	33, 855	36, 808	36, 151	31, 958	38, 780	48, 618	63, 274	57, 764
1933-34	59, 701	62, 709	65, 053	70, 540	68, 946	69, 424	68, 314	57, 343	58, 257	38, 312	45, 504	61, 373
1934-35	63, 083	58, 482	50, 166	43, 752	34, 407	28, 002	21, 352	14, 813	10, 642	7, 401	5, 637	5, 655
1935-36	3, 421	2, 060	4, 466	7, 657	6, 948	5, 117	7, 561	6, 850	6, 158	7, 023	4, 316	4, 537
1936-37	4, 325	4, 277	8, 185	14, 440	15, 080	13, 001	11, 323	6, 707	4, 316	6, 264	7, 425	5, 384
1937-38	5, 651	5, 175	26, 262	36, 164	41, 092	30, 000	43, 227	40, 704	24, 749	23, 674	15, 004	10, 480
1938-39	9, 899	23, 081	46, 045	62, 044	50, 889	47, 489	43, 745	39, 262	34, 565	30, 880	23, 145	14, 192
1939-40	14, 947	27, 541	38, 202	45, 851	42, 307	40, 575	39, 704	34, 727	24, 726	25, 419	25, 354	28, 110
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
WHEAT												
1930-31	109, 327	161, 897	201, 319	220, 660	211, 381	206, 616	199, 649	202, 694	208, 651	213, 583	206, 400	209, 110
1931-32	203, 967	235, 727	261, 742	256, 327	244, 043	236, 616	226, 874	217, 719	216, 282	207, 215	186, 549	176, 237
1932-33	108, 405	175, 918	188, 342	194, 858	191, 829	176, 428	168, 465	155, 552	147, 132	135, 552	124, 995	117, 530
1933-34	123, 712	134, 046	151, 738	156, 652	151, 294	142, 187	132, 511	116, 472	107, 233	97, 132	88, 311	78, 967
1934-35	80, 548	115, 922	122, 380	120, 078	108, 518	99, 158	90, 937	76, 274	61, 751	51, 832	39, 424	30, 775
1935-36	21, 951	34, 739	62, 495	79, 703	84, 326	81, 173	76, 694	70, 254	59, 925	49, 919	40, 698	31, 174
1936-37	25, 202	67, 305	81, 048	82, 849	76, 423	70, 314	62, 366	52, 251	45, 709	34, 741	26, 253	17, 088
1937-38	16, 197	80, 334	137, 932	141, 496	130, 260	108, 631	94, 520	79, 203	66, 467	54, 426	43, 191	31, 316
1938-39	28, 393	96, 389	133, 725	139, 273	141, 914	136, 204	128, 748	108, 936	95, 474	82, 687	74, 851	64, 178
1939-40	81, 334	149, 372	166, 289	161, 987	151, 015	141, 986	132, 842	119, 001	110, 761	105, 401	105, 112	97, 714
OATS												
1930-31	11, 028	9, 102	25, 844	32, 928	33, 265	30, 504	30, 896	26, 770	23, 029	18, 213	13, 930	9, 681
1931-32	7, 525	8, 021	15, 013	17, 372	18, 180	18, 161	16, 810	17, 096	17, 933	15, 796	13, 621	11, 830
1932-33	10, 657	12, 627	27, 273	28, 896	29, 084	27, 484	26, 443	26, 406	25, 831	24, 195	21, 878	23, 959
1933-34	28, 430	35, 589	46, 193	50, 846	49, 860	45, 765	47, 229	45, 177	42, 399	38, 190	33, 013	26, 237
1934-35	23, 369	22, 732	26, 344	26, 271	24, 245	23, 570	23, 384	22, 332	19, 729	15, 656	11, 689	11, 003
1935-36	8, 838	7, 525	25, 602	41, 215	45, 701	45, 320	42, 863	41, 893	40, 770	38, 205	35, 500	31, 043
1936-37	31, 463	38, 894	51, 861	50, 973	43, 639	42, 571	36, 372	31, 076	25, 807	18, 378	11, 785	5, 648
1937-38	1, 982	3, 359	22, 192	28, 593	27, 111	25, 673	25, 827	25, 077	23, 822	21, 141	15, 547	8, 983
1938-39	6, 825	6, 837	20, 597	22, 026	22, 609	17, 676	16, 919	15, 645	14, 649	12, 601	10, 312	6, 784
1939-40	5, 695	5, 551	14, 681	16, 104	14, 562	13, 199	12, 054	8, 979	7, 867	7, 539	6, 451	4, 619

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics.

NO. 717.—WHEAT, CORN, AND OATS—RECEIPTS AT PRIMARY MARKETS, BY CROP YEARS: 1931 TO 1939

[All figures in thousands of bushels. Number of pounds to a bushel: Wheat, 60; corn, 56; oats, 32]

YEAR BEGINNING—	Total, 13 markets <sup>1</sup>	Total, 10 markets	Chi-cago	Mil-wau-kee	Minne-apolis	Du-luth	St. Louis	De-troit	Kan-sas City	Peoria	Omaha	Indian-apolis
<b>WHEAT</b>												
July 1:												
1931	360,192	313,522	41,059	17,591	54,048	21,818	37,357	1,424	107,202	2,296	25,681	5,046
1932	270,766	241,358	13,102	2,028	73,238	53,906	17,989	1,435	60,113	1,710	13,156	4,021
1933	201,402	180,459	13,735	2,980	49,447	37,580	17,793	1,173	38,887	1,389	13,259	4,211
1934	158,372	142,320	22,854	3,742	37,837	17,037	14,825	891	28,165	1,539	10,721	4,659
1935 <sup>2</sup>	232,071	205,520	22,559	4,138	67,356	20,070	16,355	(?)	53,798	1,434	15,109	4,707
1936 <sup>2</sup>	218,155	184,705	24,095	3,023	38,299	11,109	16,340	(?)	65,009	2,379	19,909	3,948
1937 <sup>2</sup>	329,933	290,455	39,412	8,534	53,244	33,145	25,176	(?)	102,396	2,645	22,541	3,702
1938 <sup>2</sup>	384,263	340,420	29,403	3,878	84,800	57,573	23,290	(?)	110,514	2,447	24,571	3,717
1939 <sup>2</sup>	339,864	308,020	26,352	4,486	105,331	58,506	24,566	(?)	65,436	2,280	15,428	5,614
<b>CORN</b>												
Nov. 1:												
1931	146,210	138,520	68,937	7,448	6,443	427	14,324	220	7,529	12,244	5,902	14,940
1932	237,498	222,520	89,578	15,825	14,804	8,914	20,982	306	16,930	17,552	16,269	21,266
1933	210,550	194,003	64,011	10,160	19,432	5,602	14,594	503	25,629	10,340	20,655	17,231
1934	98,050	93,286	26,124	5,067	3,311	123	10,305	117	17,003	13,406	4,622	13,145
1935 <sup>2</sup>	193,162	182,403	59,270	6,729	11,569	2,754	19,254	(?)	19,548	20,197	19,008	24,074
1936 <sup>2</sup>	141,142	135,047	53,859	3,424	5,139	406	18,147	(?)	8,972	15,989	11,656	12,406
1937 <sup>2</sup>	351,630	338,727	138,432	13,463	33,845	30,293	36,827	(?)	14,445	27,950	22,055	21,417
1938 <sup>2</sup>	216,547	207,074	86,691	6,955	17,302	14,364	13,461	(?)	11,405	22,119	13,558	21,219
<b>OATS</b>												
Aug. 1:												
1931	67,437	62,312	25,370	2,658	7,117	1,003	5,717	747	2,058	3,880	1,708	12,553
1932	100,586	94,690	25,890	3,318	23,977	7,432	7,892	673	2,476	3,601	4,111	15,464
1933	64,093	60,208	17,651	4,498	11,190	7,620	5,230	627	1,723	3,448	1,267	7,004
1934	59,927	35,534	10,622	2,157	7,275	1,692	4,658	540	1,368	774	2,483	3,165
1935 <sup>2</sup>	128,220	120,190	28,686	1,992	38,972	17,240	8,599	(?)	5,264	3,535	10,303	5,555
1936 <sup>2</sup>	68,587	51,767	16,190	952	9,534	1,153	7,277	(?)	2,296	2,227	7,114	5,445
1937 <sup>2</sup>	98,302	93,259	27,138	1,688	23,119	14,015	4,970	(?)	3,584	4,322	5,063	9,390
1938 <sup>2</sup>	89,572	83,549	26,078	957	20,720	14,859	3,711	(?)	2,222	2,800	5,274	6,722
1939 <sup>2</sup>	75,458	70,909	17,349	641	25,920	11,591	4,155	(?)	1,250	3,781	2,702	3,520

<sup>1</sup> Includes Sioux City, St. Joseph, and Wichita in addition to markets shown.

<sup>2</sup> Detroit discontinued; totals in first and second columns are for 12 and 9 markets, respectively.

Source: Dept. of Agriculture, Bur. of Agricultural Economics. Compiled from Chicago Daily Trade Bulletin and the annual reports of the Chicago Board of Trade.

NO. 718.—GRAIN RECEIVED AT SIX ATLANTIC PORTS, BY PORT AND BY KIND: 1910 TO 1939

NOTE.—Data are for calendar years. Total receipts by ports include flour and meal reduced to grain equivalent. Receipts at New York, Boston, Philadelphia, and Baltimore include shipments from the West to foreign countries through these ports on through bills of lading. Receipts at Baltimore include flour ground by city millers, and therefore duplicate an equivalent quantity of wheat received in grain

	1910	1920	1925	1930	1935	1938	1939
<b>TOTALS BY PORTS</b>							
New York, total	93,320	145,534	189,162	126,383	59,492	52,995	67,233
By canal via river	10,168	4,139	32,767	39,797	16,021	12,352	6,830
Coastwise and river	410	5,966	9	462	1,480	1,577	1,580
By rail	82,742	135,429	156,386	86,124	34,952	40,067	59,823
Boston	22,402	13,699	11,911	7,918	9,579	5,120	8,838
Philadelphia	28,736	45,148	55,933	13,529	14,351	12,283	17,740
Baltimore	32,272	74,200	35,552	17,093	11,207	12,569	24,264
New Orleans	16,213	72,976	32,039	24,639	9,181	40,146	15,798
Montreal, Canada	44,178	67,044	179,959	110,675	82,332	115,342	87,020
<b>COMMODITY</b>							
Flour	16,841	17,016	23,801	24,201	13,176	15,481	15,973
Corn meal	1,099	77	75	80	142	86	85
Wheat	62,044	220,296	238,631	167,771	69,654	76,853	94,776
Corn	42,193	17,910	13,220	4,820	28,497	62,230	29,709
Oats	47,151	34,629	76,401	10,255	17,072	9,784	7,610
Barley	3,929	16,600	45,191	6,086	7,254	15,051	13,879
Rye	934	51,742	23,709	2,245	7,866	3,816	2,901
Total grain	187,181	341,183	397,152	191,186	126,343	168,643	148,875
Flour and meal <sup>2</sup>	79,940	76,878	107,404	100,661	59,859	69,813	72,018
Grand total	237,122	418,061	504,556	300,837	188,202	238,456	220,893

<sup>1</sup> Excludes coastwise shipments of flour from Pacific and Gulf ports; no reports on that movement.

<sup>2</sup> Grain equivalent.

Source: New York Produce Exchange.

**NO. 719.—GRAIN PRICES—AVERAGE MARKET PRICES, BY KIND, BY MARKET:  
1909 TO 1939**

[Weighted average market price per bushel of reported cash sales]

YEARLY AVERAGE OR CROP YEAR BE- GINNING—	Wheat, July-June			Corn, Nov.-Oct.		Oats, Aug.-July		Barley, Aug.- July	Rye, July- June	Flax- seed, Aug.- July <sup>1</sup>	Kafir, Nov.- Oct. <sup>2</sup>
	No. 1, Dark North- ern Spring, Min- neapo- lis	No. 2, Hard Win- ter, Kan- sas City	No. 2, Red Win- ter, Chi- cago	No. 3, Yel- low, Chi- cago	No. 3, Yel- low, Kan- sas City	No. 3, White, Chi- cago	No. 3, White, Min- neapo- lis	No. 2, Min- neapo- lis	No. 2, Min- neapo- lis	No. 1, Min- neapo- lis	No. 2, White, Kan- sas City
1909-1913.....	\$0.99	\$0.95	\$0.99	\$0.61	\$0.60	\$0.40	\$0.38	\$0.64	\$0.70	\$1.91	\$1.34
1914-1920.....	1.00	1.70	1.83	1.15	1.12	.80	.58	1.02	1.43	3.03	2.17
1921-1925.....	1.44	1.27	1.33	.79	.78	.42	.38	.65	.87	2.47	1.52
1926-1930.....	1.26	1.16	1.22	.85	.79	.44	.42	.65	.88	2.32	1.31
1931-1935.....	.93	.78	.78	.67	.67	.31	.32	.66	.57	1.61	1.05
1920.....	1.51	1.35	1.38	.87	.88	.43	.42	.71	.08	2.25	1.20
1921.....	1.41	1.35	1.40	1.01	.85	.55	.50	.84	1.04	2.21	1.46
1922.....	1.26	1.12	1.38	.92	.85	.44	.41	.65	.95	2.29	1.38
1923.....	1.30	1.20	1.30	.83	.80	.44	.42	.69	.90	3.11	1.53
1924.....	.82	.76	.86	.60	.55	.35	.33	.47	.51	1.76	.98
1925.....	.71	.47	.62	.36	.37	.22	.24	.48	.42	1.36	.60
1926.....	.61	.51	.53	.35	.38	.22	.22	.39	.41	1.18	.78
1927.....	.91	.88	.94	.62	.47	.36	.35	.70	.69	1.87	.90
1928.....	1.16	.98	.98	.86	.91	.46	.52	1.05	.81	1.90	1.59
1929.....	1.26	1.05	.92	.75	.72	.30	.28	.68	.50	1.73	1.36
1930.....	1.47	1.21	1.12	1.18	1.19	.46	.45	1.20	.97	2.14	1.57
1931.....	1.28	1.11	1.20	.60	.55	.30	.29	.78	.74	2.07	.85
1932.....	.70	.70	.70	.49	.48	.28	.27	.63	.44	1.78	.82
1933.....	.97	.74	.76	(?)	(?)	.37	.33	.55	.56	1.65	(?)

<sup>1</sup> Average closing price through December 1920. <sup>2</sup> Price per 100 pounds. <sup>3</sup> No. 1 Northern Spring.  
<sup>4</sup> See notes on figures for individual years. <sup>5</sup> Special No. 2. <sup>6</sup> No. 2 malting. <sup>7</sup> Not yet available.  
 Source: Dept. of Agriculture, Bur. of Agricultural Economics; annual report, Agricultural Statistics, and records.

**NO. 720.—AVERAGE PRICES RECEIVED BY FARMERS FOR SPECIFIED CROPS—  
MONTHLY AVERAGES: 1937 TO 1940**

[Prices for wheat, corn, oats, and potatoes are in cents per bushel; for cotton in cents per pound; and for hay in dollars per ton. For yearly average prices for the crop-marketing season for all crops except hay and Dec. 1 prices of hay, 1866 to 1939, see table 677]

PRODUCT	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Wheat:</b>												
1937.....	123.6	124.9	123.2	126.6	118.3	108.9	112.8	99.4	93.0	88.7	81.9	83.6
1938.....	88.6	86.6	80.3	75.0	71.4	69.7	80.8	50.7	52.5	52.2	52.0	53.0
1939.....	57.1	50.9	56.7	57.8	63.0	62.5	55.7	54.5	72.7	70.3	73.1	82.4
1940.....	84.5	84.1	85.0	88.9	80.7	67.4						
<b>Corn:</b>												
1937.....	100.6	103.6	105.4	119.1	121.2	117.2	118.1	102.6	93.0	58.0	48.0	48.5
1938.....	52.2	51.7	51.3	52.7	52.7	52.3	53.7	48.5	48.0	41.9	40.0	43.1
1939.....	45.1	43.9	44.4	45.4	48.3	49.9	47.8	45.7	56.2	47.6	46.8	50.3
1940.....	53.2	54.7	56.0	58.6	63.4	63.5						
<b>Oats:</b>												
1937.....	52.7	53.7	52.5	54.6	53.5	48.1	42.5	28.5	29.0	28.8	28.7	29.1
1938.....	30.0	30.0	29.4	28.3	27.5	25.3	24.0	20.3	21.8	22.1	22.5	24.4
1939.....	26.3	26.2	26.9	27.4	29.5	29.9	26.5	25.4	31.5	30.3	32.1	34.7
1940.....	36.3	37.7	38.6	38.8	36.6	32.7						
<b>Potatoes:</b>												
1937.....	122.2	130.3	131.0	119.2	107.0	90.7	79.2	69.0	53.7	48.5	51.2	53.0
1938.....	54.0	54.2	56.2	54.4	54.3	61.2	64.0	52.7	47.4	51.0	54.7	61.3
1939.....	64.6	64.6	64.6	75.2	64.4	61.0	75.3	69.3	69.4	66.4	69.2	70.8
1940.....	74.0	75.2	77.0	83.8	83.5	85.7						
<b>Cotton:</b>												
1937.....	12.45	12.58	13.69	13.72	12.93	12.47	12.39	10.51	8.96	8.10	7.82	7.67
1938.....	7.79	8.01	8.41	8.24	8.41	8.12	8.66	8.12	8.23	8.53	8.52	8.20
1939.....	8.29	8.23	8.31	8.15	8.48	8.67	8.77	8.70	9.13	8.73	8.80	9.71
1940.....	10.09	9.97	9.96	10.03	9.79	9.54						
<b>All hay:</b>												
1937.....	11.51	11.84	11.98	12.24	12.11	10.93	9.48	8.97	8.91	8.77	8.74	8.79
1938.....	8.79	8.71	8.50	8.17	7.91	7.48	7.11	6.82	6.70	6.72	6.82	6.81
1939.....	6.79	6.78	6.67	6.67	6.68	6.63	6.76	6.77	7.17	7.31	7.51	7.71
1940.....	7.90	8.10	8.22	8.29	8.32	7.71						

Source: Dept. of Agriculture, Agricultural Marketing Service; annual report, Agricultural Statistics. Also published currently in Crops and Markets.

**NO. 721.—FREIGHT RATES ON WHEAT FROM BUFFALO AND CHICAGO TO NEW YORK: 1902 TO 1939**

[In cents per bushel]

CALENDAR YEAR	Buffalo to New York by canal	CHICAGO TO NEW YORK			CALENDAR YEAR	Buffalo to New York by canal	CHICAGO TO NEW YORK		
		By lake and canal	By lake and rail	By all rail <sup>1</sup>			By lake and canal	By lake and rail	By all rail <sup>1</sup>
1902	3.73	5.25	5.78	10.60	1921	8.39	10.29	10.91	20.10
1903	4.03	5.44	6.17	11.33	1922	8.09	11.63	11.93	19.65
1904	3.14	4.71	5.02	11.11	1923	5.86	10.64	12.43	18.00
1905	3.87	5.51	6.44	10.20	1924	6.78	8.67	10.92	18.00
1906	4.24	5.94	6.48	10.50	1925	5.70	7.24	10.89	18.00
1907	5.07	6.68	6.93	11.30	1926	4.99	8.08	12.04	18.00
1908	5.00	6.00	6.33	11.70	1927	5.27	7.16	11.14	18.00
1909	3.90	5.35	6.88	11.70	1928	5.06	8.40	11.36	18.00
1910	4.08	5.13	6.57	9.60	1929	4.52	6.37	10.42	18.00
1911	4.36	5.35	5.23	9.69	1930	4.76	6.41	10.80	18.00
1912	4.32	5.57	6.17	9.60	1931	3.63	5.52	10.00	18.00
1913	4.87	5.74	7.01	9.60	1932	2.88	4.53	8.78	18.00
1914	4.27	5.31	6.54	9.60	1933	2.23	4.19	7.86	18.00
1915	4.47	6.08	7.48	10.08	1934	3.41	5.50	7.99	14.70
1916	5.00	7.95	9.55	10.08	1935	2.16	4.72	7.62	14.70
1917	5.50	8.72	9.99	10.08	1936	2.19	4.44	7.75	14.70
1918	8.30	12.53	12.27	12.90	1937	2.57	4.82	7.75	14.70
1919	9.81	10.94	11.60	14.70	1938	3.52	6.02	9.15	15.60
1920	11.05	14.70	15.32	16.68	1939	3.23	5.73	8.15	15.60

<sup>1</sup> Rates represent wheat for domestic consumption, lower rates applying on grain for export. The rate on grain for export was 13.09 cents for 1932, 13.31 for 1933 to 1938, and 10.50 for 1939.  
<sup>2</sup> Rate for July 1 to Dec. 31. Rate for Jan. 1 to June 30 was 18 cents.  
<sup>3</sup> Rate Mar. 28 to Dec. 31. Rate for Jan. 1 to Mar. 27 was 14.70.  
 Source: Buffalo to New York, State of New York, Department of Public Works, Division of Canals and Waterways; Chicago to New York, New York Produce Exchange.

**NO. 722.—GRAIN-MILL PRODUCTS—GRAINS GROUND AND FLOUR, FEED, ETC., PRODUCED: 1929 TO 1937**

NOTE.—No comparable figures are available for 1933

COMMODITY	1929	1931	1935	1937
<b>Grains, ground:<sup>1</sup></b>				
Wheat.....1,000 bushels <sup>2</sup> .....	546,242	526,098	470,533	485,869
Corn.....do.....	87,453	58,902	48,656	48,612
Oats.....do.....	29,006	11,963	9,713	10,676
Rye.....do.....	9,671	8,107	7,747	6,807
Barley.....do.....	9,499	5,902	5,247	5,777
Buckwheat.....do.....	2,027	1,310	828	840
Other and mixed grains.....do.....	1,930	1,379	3,131	3,335
<b>Flour, feed, etc., production:<sup>1</sup></b>				
<b>Quantity:</b>				
Wheat flour <sup>3</sup> .....1,000 barrels <sup>4</sup> .....	120,094	115,419	102,327	105,274
Rye flour.....do.....	1,670	1,568	1,500	1,424
Buckwheat flour.....1,000 pounds.....	38,453	31,092	25,198	26,550
Other flour.....do.....	138,906	59,243	73,548	75,311
Corn meal.....1,000 barrels <sup>4</sup> .....	10,488	8,676	7,222	6,950
Bran and middlings.....1,000 tons <sup>5</sup> .....	4,682	4,665	4,103	4,184
Feed, screenings, etc.....do.....	2,472	1,549	1,368	1,597
<b>Value</b>				
.....1,000 dollars.....	1,040,185	595,761	837,180	829,245
Wheat flour.....do.....	737,309	450,855	664,568	617,025
Rye flour.....do.....	9,179	5,336	5,914	6,793
Buckwheat flour.....do.....	1,570	961	657	844
Other flour.....do.....	3,902	1,098	2,256	2,665
Corn meal.....do.....	52,400	27,358	31,268	32,042
Bran and middlings.....do.....	141,935	73,670	91,497	116,434
Feed, screenings, etc.....do.....	93,840	36,482	41,022	52,931

<sup>1</sup> Grains ground relate to the "Flour and other grain-mill products" industry only; production statistics include data for all industries making these products, except as noted.  
<sup>2</sup> Weight of bushel: Wheat, 60 pounds; corn and rye, 56; buckwheat and barley, 48; oats, 32.  
<sup>3</sup> Includes prepared flour made in the "Flour and other grain-mill products" industry only. For prepared flour made in all industries, see under "Cereal preparations," table 723.  
<sup>4</sup> 190 pounds. <sup>5</sup> 200 pounds. <sup>6</sup> 2,000 pounds.  
 Source: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.

No. 723.—SELECTED FOODS, PROCESSED AND MANUFACTURED, BY QUANTITY AND VALUE: 1933, 1935, AND 1937

MATERIAL AND PRODUCT	QUANTITY (THOUSANDS OF UNIT SPECIFIED)				VALUE (THOUSANDS OF DOLLARS)		
	Unit	1933	1935	1937	1933	1935	1937
<b>CANNING AND PRESERVING</b>							
Canned and processed vegetables, fruits, and seafoods, all industries <sup>1</sup>					459,070	672,477	841,006
Canned and dried fruits and vegetables, canned and bottled juices, etc., all industries <sup>1</sup>					420,369	617,369	770,195
<b>Canned vegetables and soups</b>					190,262	301,890	380,492
Asparagus.....	Case <sup>2</sup>	2,064	2,929	2,754	7,247	11,979	13,063
Beans other than baked.....	do. <sup>2</sup>	9,116	12,285	16,316	14,725	19,731	27,972
Beans, baked, with pork, with sauce, etc.....	do. <sup>2</sup>	16,460	17,887	18,352	24,486	26,984	30,687
Beets.....	do. <sup>2</sup>	1,234	2,495	3,386	1,926	3,730	5,177
Carrots.....	do. <sup>2</sup>	554	852	1,505	747	1,132	2,132
Corn.....	do. <sup>2</sup>	10,266	22,053	26,052	17,602	38,035	44,296
Hominy.....	do. <sup>2</sup>	1,170	1,248	1,046	1,438	1,825	2,149
Kraut <sup>3</sup> .....	do. <sup>2</sup>	3,345	4,405	4,583	5,206	5,818	7,251
Peas.....	do. <sup>2</sup>	13,292	25,144	24,412	28,559	50,820	47,380
Pumpkin and squash.....	do. <sup>2</sup>	1,753	1,019	1,727	2,623	1,552	2,508
Spaghetti.....	do. <sup>2</sup>	3,168	3,415	5,454	5,612	6,716	8,968
Spinach.....	do. <sup>2</sup>	2,546	3,577	5,434	4,932	6,442	9,861
Tomatoes.....	do. <sup>2</sup>	15,900	26,180	23,574	26,377	37,086	34,314
Tomato juice and cocktail.....	do. <sup>2</sup>	4,171	11,664	13,809	7,181	19,038	23,189
Tomato paste.....	do. <sup>2</sup>	( <sup>4</sup> )	921	2,381	( <sup>4</sup> )	3,524	6,432
Tomato pulp and purée <sup>5</sup> .....	do. <sup>2</sup>	( <sup>4</sup> )	2,569	3,915	( <sup>4</sup> )	3,648	5,436
Tomato sauce.....	do. <sup>2</sup>	1,867	1,509	1,066	3,219	3,241	3,300
Tomato ketchup <sup>6</sup> .....	do. <sup>2</sup>	( <sup>4</sup> )	( <sup>4</sup> )	9,812	( <sup>4</sup> )	( <sup>4</sup> )	22,005
Vegetable purée (for infants).....	do. <sup>2</sup>	( <sup>4</sup> )	864	4,561	( <sup>4</sup> )	1,389	6,947
Vegetables, mixed.....	do. <sup>2</sup>	586	1,410	2,492	816	2,200	4,530
Canned soups <sup>7</sup> .....	do. <sup>2</sup>	10,584	17,239	20,699	27,005	47,209	61,664
All other.....	do. <sup>2</sup>	5,123	4,785	5,622	10,473	8,686	11,283
<b>Canned fruits and canned and bottled juices</b>					84,998	112,987	166,466
Apples.....	Case <sup>2</sup>	2,554	2,063	2,772	4,171	3,093	4,557
Apple sauce.....	do. <sup>2</sup>	( <sup>4</sup> )	2,426	3,348	( <sup>4</sup> )	3,337	4,679
Apricots.....	do. <sup>2</sup>	2,489	3,274	5,806	6,038	9,172	16,718
Berries.....	do. <sup>2</sup>	( <sup>4</sup> )	2,649	3,369	( <sup>4</sup> )	7,520	10,370
Cherries.....	do. <sup>2</sup>	2,554	2,958	2,840	6,445	7,477	9,058
Fruit cocktail and salad.....	do. <sup>2</sup>	2,242	3,091	4,778	9,188	12,004	20,774
Grapefruit sections.....	do. <sup>2</sup>	2,280	2,956	4,928	4,890	5,912	7,861
Olives, ripe <sup>8</sup> .....	do. <sup>2</sup>	433	608	1,152	1,751	2,760	4,101
Peaches.....	do. <sup>2</sup>	10,487	11,501	13,596	24,490	30,444	40,106
Pears.....	do. <sup>2</sup>	4,853	4,733	5,166	13,093	13,434	15,637
Prunes.....	do. <sup>2</sup>	810	1,700	1,826	1,527	3,156	3,594
Fruit juices, canned and bottled <sup>9</sup> .....	do. <sup>2</sup>	( <sup>4</sup> )	4,872	12,688	( <sup>4</sup> )	11,809	25,218
Grape.....	do. <sup>2</sup>	( <sup>4</sup> )	1,217	1,069	<sup>10</sup> 2,636	3,385	5,010
Grapefruit.....	do. <sup>2</sup>	( <sup>4</sup> )	2,513	6,813	( <sup>4</sup> )	4,447	10,611
Orange.....	do. <sup>2</sup>	111	959	1,646	374	3,489	3,894
Other.....	do. <sup>2</sup>	( <sup>4</sup> )	183	2,500	( <sup>4</sup> )	488	5,702
<b>Other canned fruits, etc</b>					10,389	2,270	4,393
<b>Dried fruits<sup>11</sup></b>	<b>Pound</b>	<b>1,014,069</b>	<b>1,119,691</b>	<b>1,160,489</b>	<b>48,422</b>	<b>56,906</b>	<b>61,804</b>
Apples.....	do	53,288	70,389	63,935	4,169	5,513	4,578
Apricots.....	do	83,007	49,176	70,043	6,821	6,762	7,773
Figs.....	do	42,366	44,716	53,517	1,662	2,234	2,914
Peaches.....	do	48,608	50,696	57,930	2,776	3,748	4,172
Prunes.....	do	405,227	473,601	441,777	18,103	19,958	19,367
Raisins.....	do	375,909	414,129	440,203	13,803	17,423	21,668
All other.....	do	5,604	16,984	23,484	1,090	1,268	1,332
Ketchup in bulk <sup>12</sup> .....					<sup>6</sup> 12,786	<sup>6</sup> 19,321	1,016
Kraut, in bulk <sup>13</sup> .....					2,701	2,007	2,509
Preserves, jams, jellies, etc.....					21,635	33,085	41,094
Olives, bottled and in bulk <sup>12</sup> .....					( <sup>4</sup> )	5,441	6,287
Pickles.....					21,487	27,035	33,501
Prepared mustard.....					5,720	6,680	6,817
Salad dressings.....					23,424	38,574	44,522
Sauces.....					4,576	5,867	7,550
All other products.....					4,351	8,060	13,120
<b>Fish, oysters, etc.</b>					36,701	55,119	70,310
<b>Canned fish, oysters, etc.<sup>14</sup></b>					30,285	45,092	59,066
Clams.....	Case <sup>14</sup>	150	177	214	662	758	952
Mackerel.....	do. <sup>15</sup>	748	1,727	841	1,867	4,600	2,674
Oysters.....	do. <sup>14</sup>	348	533	600	1,075	2,127	2,840
Salmon.....	do. <sup>15</sup>	1,137	918	885	7,866	6,292	8,386
Sardines.....	do. <sup>16</sup>	3,937	6,737	7,080	6,203	11,383	13,590
Shrimps.....	do. <sup>17</sup>	860	1,104	1,268	3,479	4,443	7,045
Tuna and tunafike fish.....	do. <sup>18</sup>	1,443	2,824	3,145	6,934	11,901	18,996
All other.....					2,198	3,588	4,574
<b>Cured fish</b>	<b>Pound</b>	<b>(<sup>19</sup>)</b>	<b>77,329</b>	<b>69,430</b>	<b>8,416</b>	<b>10,027</b>	<b>11,754</b>

For footnotes, see next page.

No. 723.—SELECTED FOODS, PROCESSED AND MANUFACTURED, BY QUANTITY AND VALUE: 1933, 1935, AND 1937—Continued

MATERIAL AND PRODUCT	QUANTITY (THOUSANDS OF UNIT SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)			
	Unit	1933	1935	1937	1933	1935	1937
<b>CEREAL PREPARATIONS</b>							
Cereal preparations, prepared flour, etc., all industries <sup>1</sup>					108, 065	149, 039	187, 250
Breakfast foods.....					76, 202	99, 344	112, 068
Made from wheat.....	Pound	333, 218	306, 067	440, 495	33, 988	45, 838	52, 412
Made from oats.....	do	642, 683	528, 935	505, 898	19, 019	26, 886	25, 240
Made from corn.....	do	230, 983	184, 340	238, 338	17, 288	18, 793	24, 950
Other.....	do	(5)	42, 190	55, 749	5, 929	8, 527	9, 451
Prepared flour <sup>2</sup> .....	do	910, 480	785, 788	888, 514	29, 700	36, 443	38, 056
Corn grits.....	do			{ 515, 295 }	2, 103	7, 251	{ 12, 476 }
All other <sup>3</sup> .....	do						{ 4, 650 }
<b>CORN SIRUP, CORN SUGAR, CORN OIL, AND STARCH</b>							
Corn sirup, corn oil, starch, etc., all industries <sup>1</sup>					83, 471	80, 033	113, 548
Cornstarch.....	Pound	900, 252	756, 281	936, 047	27, 132	26, 638	35, 672
Corn sirup (incl. mixtures).....	do	1, 066, 363	967, 178	1, 113, 780	24, 308	31, 253	36, 098
Corn sugar.....	do	826, 924	351, 085	467, 651	18, 026	10, 976	15, 692
Corn oil.....	do	128, 505	137, 009	163, 380	8, 401	14, 007	16, 573
All other.....	do				5, 605	6, 470	8, 612
<b>BEET SUGAR</b>							
Beets treated.....	Ton <sup>22</sup>	(1 <sup>8</sup> )	7, 745	8, 440			
All products, total value.....					127, 133	95, 160	107, 396
Sugar.....	Ton <sup>22</sup>	1, 636	1, 186	1, 296	121, 171	80, 103	99, 991
Molasses.....	do	175	88	94	877	797	1, 070
Pulp.....	do	2, 014	1, 646	1, 821	4, 219	4, 185	5, 049
All other.....	do				865	1, 074	1, 285
<b>CANE-SUGAR REFINING</b>							
Raw sugar treated.....	Ton <sup>22</sup>	(1 <sup>9</sup> )	4, 398	4, 723			
All products, total value.....					337, 075	377, 214	424, 611
Refinery products.....					337, 075	376, 349	422, 310
Refined sugar.....	Ton <sup>22</sup>	3, 038	4, 210	4, 516	334, 441	372, 090	417, 745
Sirup.....	Gallon	3, 692	2, 887	2, 735	550	599	547
Refiners' blackstrap.....	do	19, 609	22, 306	23, 380	842	1, 321	1, 309
Miscel. sugar products.....					1, 234	1, 739	2, 619
All other products.....						865	2, 321
<b>CHOCOLATE AND COCOA PRODUCTS</b>							
Chocolate, cocoa, etc., all industries <sup>1</sup>					67, 116	83, 280	102, 943
Chocolate, except coatings.....	Pound	173, 404	272, 197	204, 080	28, 710	43, 938	41, 674
Chocolate coatings.....	do	236, 462	295, 321	295, 894	22, 470	29, 505	38, 426
Chocolate sirups.....	Gallon	1, 812	3, 744	5, 305	1, 201	3, 406	5, 341
Cocoa.....	Pound	119, 435	126, 449	130, 940	10, 440	10, 241	11, 750
Cocoa butter.....	do	29, 900	41, 827	23, 484	3, 296	5, 315	4, 738
Other chocolate products.....					909	856	1, 013

<sup>1</sup> Includes, besides amounts produced in industry primarily engaged in making these products, data for similar products made in establishments classified in other industries.

<sup>2</sup> Actual number of cases of all sizes. <sup>3</sup> See also product in bulk, below.

<sup>4</sup> No comparable data or not reported separately.

<sup>5</sup> Tomato pulp was also produced in bulk, valued at \$372,000 for 1935 and \$144,000 for 1937. No 1933 data.

<sup>6</sup> For 1933 and 1935, figures for ketchup in bulk include those for ketchup under "Canned vegetables and soups."

<sup>7</sup> Not including soups made in Poultry Dressing and Packing and Meat Packing industries.

<sup>8</sup> See also "Olives bottled and in bulk" below.

<sup>9</sup> Fruit juices were also produced in bulk. Data for 1937 (included in "All other products") follow: Total, 4,161,000 gallons, \$2,406,000; grape, 1,673,000 gallons, \$774,000; grapefruit, 210,000 gallons, \$60,000; orange, 569,000 gallons, \$437,000; other juices, 1,509,000 gallons, \$1,136,000.

<sup>10</sup> Includes product in bulk, not reported separately.

<sup>11</sup> Includes production on large fruit farms but not on other farms and ranches.

<sup>12</sup> See also under canned goods, above. <sup>13</sup> Data for 1933 and 1937 compiled by Bureau of Fisheries.

<sup>14</sup> 48 5-ounce cans. <sup>15</sup> 48 1-pound cans. <sup>16</sup> 100 ½-pound cans.

<sup>17</sup> 48 5¼-ounce cans for wet pack and 48 5-ounce cans for dry pack. <sup>18</sup> 48 ½-pound cans. <sup>19</sup> No data.

<sup>20</sup> Includes that made in Flour and Other Grain-Mill Products industry, as follows: 1933, 534,240,000 pounds, \$14,231,000; 1935, 496,890,000 pounds, \$18,130,000; 1937, 573,443,000 pounds, \$19,803,000.

<sup>21</sup> Including coffee substitutes. <sup>22</sup> Of 2,000 pounds.

Source: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.



## 29. FORESTS AND FOREST PRODUCTS

[Data in this section relate to continental United States only except those for national forests which include Alaska and Puerto Rico, or Puerto Rico, as indicated]

### No. 724.—FORESTS—AREA, SAW-TIMBER STAND, AND ANNUAL GROWTH ESTIMATES, BY REGIONS: 1933

REGION	Total forest land (thousand acres)	COMMERCIAL FOREST AREA (THOUSAND ACRES)						
		Total area	Saw-timber area			Cordwood area	Fair to satisfactory restocking area	Poor to nonrestocking area
			Total	Old growth	Second growth			
Total.....	630, 158	461, 687	212, 862	100, 332	112, 030	100, 791	71, 306	78, 738
Northeastern <sup>1</sup> .....	62, 148	59, 376	21, 154	8, 002	13, 152	15, 361	14, 702	8, 159
Central <sup>2</sup> .....	29, 328	29, 231	9, 680	367	9, 313	8, 660	5, 204	6, 687
Lake <sup>3</sup> .....	55, 634	52, 395	7, 123	3, 536	3, 537	10, 831	13, 442	20, 999
South <sup>4</sup> .....	210, 600	202, 531	96, 604	25, 128	71, 566	47, 961	20, 114	28, 762
Columbia River Basin <sup>5</sup> .....	99, 514	73, 842	44, 106	37, 206	6, 900	11, 967	8, 523	9, 246
California <sup>6</sup> .....	48, 159	13, 655	11, 417	8, 653	2, 764	148	155	1, 035
South Rocky Mountain <sup>7</sup> .....	102, 576	30, 653	22, 683	17, 889	4, 794	5, 859	161	1, 950
Plains <sup>8</sup> .....	22, 190	14	5	1	4	4	5	-----

REGION	STAND OF SAW TIMBER (MILLIONS OF BOARD FEET)			ANNUAL GROWTH OF WOOD ON COMMERCIAL FOREST AREAS					
	Total	Soft-woods	Hard-woods	Combined saw-timber and cordwood growth (millions of cubic feet)			Saw-timber growth (millions of board feet)		
				Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
Total.....	1, 763, 651	1, 493, 120	270, 531	11, 287	5, 934	5, 353	32, 033	21, 168	10, 865
Northeastern <sup>1</sup> .....	84, 025	41, 056	42, 969	1, 260	328	932	2, 625	1, 142	1, 483
Central <sup>2</sup> .....	14, 301	369	13, 932	568	20	548	978	21	957
Lake <sup>3</sup> .....	57, 616	20, 381	36, 735	979	248	731	1, 850	613	1, 237
South <sup>4</sup> .....	395, 570	214, 632	171, 938	6, 495	3, 390	3, 105	20, 403	13, 310	7, 093
Columbia River Basin <sup>5</sup> .....	882, 632	877, 676	4, 956	1, 634	1, 597	37	5, 247	5, 152	95
California <sup>6</sup> .....	213, 480	213, 480	-----	155	155	-----	414	414	-----
South Rocky Mountain <sup>7</sup> .....	124, 092	124, 091	1	196	196	-----	516	516	-----
Plains <sup>8</sup> .....	35	35	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Illinois, Indiana, Iowa, Missouri, and Ohio.

<sup>3</sup> Michigan, Minnesota, and Wisconsin.

<sup>4</sup> Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, eastern Oklahoma, South Carolina, Tennessee, eastern Texas, Virginia, and West Virginia.

<sup>5</sup> Idaho, Montana, Oregon, and Washington.

<sup>6</sup> California.

<sup>7</sup> Arizona, Colorado, Nevada, New Mexico, western South Dakota (Black Hills), Utah, and Wyoming.

<sup>8</sup> Kansas, Nebraska, North Dakota, western Oklahoma, eastern South Dakota, and western Texas.

Source: Department of Agriculture, Forest Service; records (not published elsewhere).

No. 725.—STAND OF SAW TIMBER (ESTIMATED), BY REGION AND KIND OF WOOD: 1938

[Quantity in millions of board feet]

KIND OF WOOD	Total	North-eastern	Central	Lake	South	Colum-bia River Basin	Califor-nia	South Rocky Mountain	Plains
Grand total.....	1,768,651	84,025	14,301	57,616	358,570	882,632	213,480	124,992	35
Eastern softwoods, total.....	276,938	41,056	369	20,861	214,632				
Southern yellow pine.....	196,840	507	184		196,059				
Spruce and fir.....	24,086	20,284		3,452	350				
White and red pine.....	18,101	11,920	7	5,232	942				
Hemlock.....	17,552	6,137	13	9,222	2,180				
Cypress.....	11,554		146		11,408				
Others.....	8,805	2,118	10	2,975	3,693				
Eastern hardwoods, total.....	266,574	42,969	13,932	36,736	171,938				
Oak.....	83,700	5,831	7,551	5,298	65,020				
Birch, beech, and maple.....	55,178	29,528	2,523	20,317	2,810				
Red gum.....	27,837		359		27,407				
Tupelo.....	20,403		45		20,358				
Yellow poplar.....	9,505	221	183		9,191				
Cottonwood and aspen.....	8,035	2,042	172	4,126	1,695				
Others.....	60,826	5,276	3,099	6,994	45,457				
Western softwoods, total.....	1,216,182					877,676	213,480	124,991	35
Douglas fir.....	490,905					426,464	51,400	12,041	
Ponderosa pine.....	224,004					129,462	54,461	40,066	35
True fir.....	121,737					72,908	40,740	8,089	
Western hemlock.....	115,551					115,551			
Spruce.....	62,821					26,604		36,157	
Redwood.....	39,150						39,150		
Lodgepole pine.....	38,620					12,043		26,577	
Western larch.....	25,806					25,206			
Sugar pine.....	24,084					4,895	19,789		
Western white pine.....	18,333					18,333			
Others.....	55,171					46,050	7,950	1,171	
Western hardwoods, total.....	4,967					4,956		1	

Source: Department of Agriculture, Forest Service; records (not published elsewhere).

No. 726.—NATIONAL FOREST AREAS, BY STATES AND FOR ALASKA AND PUERTO RICO: JUNE 30, 1939

NOTE.—The area of State forests, State parks, and State forest parks, together with that of Hawaiian forest reserves, as of December 1938, amounted to 11,714,379 acres. The area of town, county, and community forests and parks, as of same date, was 2,160,003 acres, including 1,740,000 acres of county forests located in Wisconsin

STATE OR OUT-LYING AREA	AREA WITHIN ESTABLISHED BOUNDARIES			STATE OR OUT-LYING AREA	AREA WITHIN ESTABLISHED BOUNDARIES		
	Total acreage <sup>1</sup>	Acreage not Federally owned or in process of acquisition	Acreage under Federal administration <sup>1</sup>		Total acreage <sup>1</sup>	Acreage not Federally owned or in process of acquisition	Acreage under Federal administration <sup>1</sup>
Total.....	228,788,966	62,286,899	176,494,066	Montana.....	18,958,079	2,736,213	16,221,866
Alabama.....	2,435,901	1,853,743	582,158	Nebraska.....	207,200	1,183	206,026
Alaska.....	20,897,221	53,184	20,844,037	Nevada.....	5,247,078	268,382	4,988,696
Arizona.....	12,158,062	705,671	11,452,491	New Hampshire.....	806,322	142,184	664,138
Arkansas.....	3,498,791	1,373,906	2,124,795	New Mexico.....	10,236,085	1,374,488	8,861,697
California.....	25,045,900	6,671,130	19,474,770	North Carolina.....	3,588,126	2,660,728	927,398
Colorado.....	15,208,021	1,629,643	13,678,378	North Dakota.....	764,441	763,921	520
Florida.....	1,624,509	322,802	1,302,207	Ohio.....	1,466,103	1,427,349	38,754
Georgia.....	1,661,322	1,046,421	614,901	Oklahoma.....	344,269	190,137	154,132
Idaho.....	21,476,923	1,648,624	19,928,299	Oregon.....	17,516,938	3,544,787	13,972,151
Illinois.....	797,317	612,778	184,539	Pennsylvania.....	746,703	306,832	439,871
Indiana.....	781,462	747,460	34,002	Puerto Rico.....	186,155	161,119	25,036
Iowa.....	218,446	218,346	100	South Carolina.....	1,422,604	882,484	540,120
Kentucky.....	1,393,521	972,238	421,283	South Dakota.....	1,353,838	295,198	1,058,640
Louisiana.....	877,066	375,816	501,250	Tennessee.....	1,204,000	667,786	536,214
Maine.....	878,032	830,174	47,858	Texas.....	1,714,374	1,070,248	644,126
Maryland.....	4,318	3,342	976	Utah.....	8,911,678	1,157,917	7,753,661
Massachusetts.....	1,661		1,661	Vermont.....	650,620	419,981	180,539
Michigan.....	5,095,081	3,214,033	1,881,048	Virginia.....	4,123,663	2,757,679	1,366,084
Minnesota.....	5,041,770	2,622,291	2,419,479	Washington.....	11,021,872	1,634,692	9,387,180
Mississippi.....	2,879,917	1,926,168	954,749	West Virginia.....	1,536,140	936,666	599,474
Missouri.....	3,321,513	2,153,930	1,167,583	Wisconsin.....	2,010,692	674,106	1,342,587
				Wyoming.....	9,204,522	545,820	8,658,702

<sup>1</sup> Including small Federally owned areas outside established boundaries.

Source: Department of Agriculture, Forest Service; report on National Forest Areas.

NO. 727.—NATIONAL FOREST RESERVATIONS—LAND PURCHASES, BY STATES  
AND FOR PUERTO RICO, TO JUNE 30, 1939

[Under act of Mar. 1, 1911, as amended by act of June 7, 1924]

STATE OR OUTLYING AREA	Gross area (acres)	TOTAL NET AREA APPROVED FOR PURCHASE			PURCHASED			Unap- proved purchasable area (acres)
		Acres	Average price	Total price	Acres	Average price	Total price	
Total.....	51, 918, 028	17, 269, 846	\$3. 75	\$64, 873, 482	16, 369, 761	\$3. 74	\$61, 260, 435	24, 048, 678
Alabama.....	2, 293, 813	470, 193	3. 66	1, 719, 677	444, 639	3. 67	1, 631, 450	1, 364, 022
Arkansas.....	3, 365, 286	1, 074, 989	2. 72	2, 928, 979	1, 022, 581	2. 70	2, 763, 442	962, 313
California.....	978, 512	121, 763	6. 66	811, 315	114, 674	5. 46	626, 636	683, 749
Florida.....	1, 282, 949	728, 784	3. 08	2, 247, 283	677, 304	3. 07	2, 080, 449	165, 828
Georgia.....	1, 593, 500	573, 942	4. 90	2, 813, 666	532, 950	4. 94	2, 632, 067	790, 939
Idaho.....	465, 673	16, 981	3. 14	53, 336	8, 361	2. 26	18, 901	123, 019
Illinois.....	786, 607	173, 809	6. 00	1, 042, 913	153, 966	5. 84	899, 732	464, 001
Indiana.....	781, 462	34, 000	8. 33	283, 268	33, 542	8. 34	279, 630	690, 472
Iowa.....	218, 446	100	97. 30	9, 688	100	97. 30	9, 688	188, 686
Kentucky.....	1, 393, 521	421, 280	3. 78	1, 694, 060	374, 602	3. 77	1, 411, 768	772, 825
Louisiana.....	877, 066	501, 075	2. 78	1, 395, 346	490, 374	2. 76	1, 351, 760	298, 767
Maine.....	878, 032	47, 847	6. 54	312, 802	47, 847	6. 54	312, 802	635, 025
Michigan.....	5, 095, 121	1, 792, 207	2. 91	5, 222, 251	1, 697, 237	2. 92	4, 949, 226	2, 429, 100
Minnesota.....	5, 041, 770	1, 377, 426	2. 42	3, 339, 287	1, 277, 569	2. 40	3, 065, 102	2, 367, 029
Mississippi.....	2, 788, 084	952, 929	3. 49	3, 329, 101	929, 834	3. 48	3, 234, 956	1, 168, 065
Missouri.....	3, 321, 513	1, 163, 077	2. 22	2, 579, 684	1, 078, 239	2. 19	2, 305, 111	1, 846, 690
New Hampshire.....	806, 322	663, 965	7. 77	5, 150, 916	663, 115	7. 77	5, 149, 266	97, 794
North Carolina.....	3, 588, 123	919, 498	5. 25	4, 828, 991	882, 742	5. 29	4, 669, 394	2, 019, 725
North Dakota.....	764, 441	48	10. 00	4, 796	480	10. 00	4, 796	499, 480
Ohio.....	1, 464, 103	38, 794	6. 10	236, 687	35, 110	6. 16	216, 316	1, 061, 401
Oklahoma.....	344, 249	154, 112	1. 64	252, 675	148, 475	1. 62	240, 558	185, 557
Oregon.....	46, 986	39, 101	20. 05	784, 043	27, 600	22. 27	616, 031	3, 480
Pennsylvania.....	726, 311	436, 222	6. 47	2, 820, 373	431, 314	6. 48	2, 795, 933	176, 441
Puerto Rico.....	186, 155	11, 212	12. 69	142, 281	10, 386	12. 70	131, 877	38, 788
South Carolina.....	1, 422, 000	539, 457	6. 18	3, 336, 475	510, 744	6. 19	3, 161, 670	680, 480
Tennessee.....	1, 204, 000	555, 834	4. 32	2, 316, 238	522, 379	4. 34	2, 066, 356	471, 811
Texas.....	1, 714, 364	644, 116	4. 63	2, 985, 003	625, 857	4. 63	2, 896, 835	720, 248
Utah.....	138, 639	78, 700	2. 89	227, 687	47, 067	2. 99	140, 474	32, 016
Vermont.....	880, 520	160, 494	10. 50	1, 684, 803	160, 494	10. 60	1, 684, 803	325, 883
Virginia.....	3, 960, 150	1, 362, 552	3. 23	4, 406, 695	1, 238, 399	3. 26	4, 042, 329	1, 690, 686
West Virginia.....	1, 830, 138	899, 473	3. 40	3, 054, 142	880, 622	3. 35	2, 948, 621	691, 900
Wisconsin.....	2, 016, 672	1, 325, 373	2. 08	2, 753, 401	1, 301, 108	2. 05	2, 660, 804	590, 768

Source: National Forest Reservation Commission, Annual Report.

NO. 728.—NATIONAL FORESTS—SUMMARY OF OPERATIONS: 1933 TO 1939

NOTE.—Data for revenue and for the first three items are for years ended June 30; other data are for calendar years. Figures include data for national forests in Alaska

ITEM	1933	1934	1935	1936	1937	1938	1939
Timber sales:							
Number.....	14, 268	16, 433	17, 620	18, 389	19, 126	21, 916	22, 717
Quantity..... M. ft. b. m.....	356, 792	462, 089	669, 688	988, 304	1, 491, 139	1, 094, 599	1, 842, 342
Timber cut under sales..... do.....	389, 500	598, 751	668, 246	814, 785	1, 096, 037	1, 074, 916	1, 017, 269
Free timber given:							
Number of users.....	134, 038	113, 821	108, 408	112, 323	112, 209	103, 180	110, 959
Timber cut..... M. ft. b. m.....	265, 812	248, 243	316, 769	293, 126	317, 896	301, 375	267, 785
Value..... dollars.....	237, 044	210, 175	279, 021	272, 207	274, 698	275, 165	260, 264
Grazing, kinds of stock: <sup>1</sup>							
Cattle..... number.....	1, 366, 538	1, 389, 387	1, 315, 233	1, 282, 540	1, 254, 425	1, 220, 532	1, 180, 971
Goats..... do.....	11, 045	9, 124	9, 148	8, 113	7, 603	7, 160	5, 965
Swine..... do.....	538	315	292	159	241	126	220
Horses..... do.....	31, 797	29, 649	29, 085	28, 268	29, 499	29, 543	27, 807
Sheep..... do.....	6, 150, 921	6, 152, 244	5, 681, 938	5, 636, 937	5, 477, 351	5, 300, 140	5, 125, 642
Revenue, total..... dollars.....	2, 628, 049	3, 814, 691	3, 291, 312	4, 062, 963	4, 938, 183	4, 671, 133	4, 903, 376
From—							
Timber..... do.....	782, 808	1, 522, 356	1, 731, 365	2, 203, 237	2, 924, 471	2, 517, 650	2, 857, 211
Water power..... do.....	60, 192	124, 946	89, 973	88, 935	75, 069	80, 835	100, 418
Special uses..... do.....	278, 182	297, 831	315, 829	328, 106	340, 435	366, 267	365, 026
Grazing..... do.....	1, 498, 209	1, 358, 688	1, 151, 153	1, 441, 493	1, 580, 345	1, 696, 457	1, 573, 912
All other..... do.....	6, 658	10, 870	3, 002	1, 192	13, 963	915	6, 809

<sup>1</sup> Amounts sold were to be cut during periods of years, and therefore were greater than amounts out in years covered by this note.

<sup>2</sup> Numbers allowed to graze under pay permit.

<sup>3</sup> Timber and turpentine sales, timber settlement, and trespass.

Source: Department of Agriculture, Forest Service, Annual Report of the Chief of the Forest Service, Appendix, Section Z, Administrative Statistics.

No. 729.—FOREST FIRES—NUMBER, AREA, AND DAMAGE: 1931 TO 1939

NOTE.—Data were compiled from reports by National Forest Supervisors and from those of cooperating States. Figures for unprotected area are based on partial information only from incomplete reports; reliable data are not available for years prior to organized protection. Figures for fires in national parks were excluded prior to 1931, and for those on Indian reservations, prior to 1932

YEAR	Forest area needing protection (1,000 acres)	Forest area protected (1,000 acres)	Forest area unprotected (1,000 acres)	NUMBER OF FIRES		AREA BURNED (1,000 ACRES)		DAMAGE <sup>1</sup> (1,000 DOLLARS)	
				On protected area	On unprotected area	On protected land	On unprotected land	On protected area	On unprotected area
1931	524, 060	331, 659	192, 961	62, 174	125, 040	6, 406	45, 200	17, 018	50, 069
1932	523, 806	329, 095	194, 771	60, 500	105, 899	3, 652	38, 410	7, 879	45, 681
1933	533, 579	340, 392	193, 187	53, 287	87, 435	3, 723	40, 167	17, 318	42, 957
1934	560, 755	361, 475	189, 280	69, 318	93, 345	4, 173	37, 648	8, 100	37, 273
1935	550, 498	374, 780	184, 718	62, 554	77, 743	2, 539	27, 797	4, 251	28, 329
1936	561, 107	380, 105	176, 002	84, 853	141, 432	4, 217	38, 971	14, 067	40, 005
1937	558, 773	396, 824	161, 949	63, 780	121, 449	1, 344	20, 637	2, 466	18, 203
1938	558, 558	414, 184	144, 374	86, 199	146, 030	2, 939	30, 876	8, 087	28, 801
1939	585, 422	433, 256	152, 166	98, 033	114, 638	3, 789	25, 660	10, 243	23, 888

<sup>1</sup> This table does not take into account the vast amount of intangible and indirect damage resulting from forest fires, such as decay of damaged timber, 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.

No. 730.—FOREST FIRES—NUMBER, AREA BURNED, AND DAMAGE, BY CAUSE, IN PROTECTED AREAS: 1931 TO 1939

YEAR	Lightning	Railroads	Campers	Smokers	Débris burning	Incendiary	Lumbering	Miscellaneous	Unknown
Number of fires:									
1931	3, 784	2, 960	5, 287	14, 579	7, 454	15, 472	1, 082	6, 256	5, 294
1932	3, 890	2, 383	4, 069	15, 538	7, 682	16, 410	833	5, 337	4, 299
1933	3, 347	2, 182	4, 098	14, 707	6, 859	12, 097	801	5, 929	3, 267
1934	6, 329	3, 070	4, 595	15, 806	9, 632	17, 515	902	5, 929	5, 640
1935	5, 317	2, 599	4, 223	14, 990	7, 387	16, 491	1, 200	5, 827	4, 550
1936	6, 915	3, 852	4, 514	20, 236	12, 205	22, 654	1, 778	7, 157	5, 542
1937	7, 244	2, 822	3, 435	15, 066	9, 563	13, 718	1, 356	4, 964	4, 092
1938	7, 445	3, 214	5, 153	25, 053	11, 141	22, 619	1, 405	6, 541	3, 628
1939	9, 129	4, 072	8, 934	24, 764	13, 640	22, 635	1, 867	8, 966	4, 026
Area burned (acres):									
1931	221, 160	141, 580	396, 830	927, 620	644, 910	2, 224, 570	146, 900	1, 002, 420	672, 850
1932	29, 460	69, 190	413, 310	554, 530	423, 880	1, 493, 760	60, 280	304, 560	270, 150
1933	36, 530	79, 640	253, 150	574, 430	388, 850	995, 240	326, 440	585, 790	229, 110
1934	401, 500	133, 150	162, 420	508, 000	637, 410	1, 445, 080	118, 720	880, 300	222, 700
1935	50, 560	70, 680	128, 890	349, 270	280, 060	1, 054, 400	80, 720	320, 060	189, 470
1936	171, 880	131, 190	153, 890	646, 660	659, 760	1, 633, 750	205, 060	369, 130	352, 610
1937	31, 800	42, 670	56, 350	239, 110	235, 880	473, 070	50, 300	97, 080	112, 670
1938	244, 910	57, 940	146, 210	625, 940	372, 870	947, 870	120, 250	272, 730	150, 800
1939	157, 910	73, 360	206, 600	785, 440	471, 820	1, 300, 280	110, 710	319, 370	149, 080
Damage (dollars):									
1931	1, 660, 310	769, 260	825, 190	1, 936, 000	1, 243, 000	4, 786, 410	888, 690	3, 185, 610	1, 237, 420
1932	41, 270	156, 230	784, 180	1, 794, 700	942, 360	2, 082, 140	87, 910	537, 220	988, 670
1933	68, 240	246, 520	388, 960	888, 500	586, 940	3, 138, 280	10, 505, 210	840, 550	388, 710
1934	453, 350	286, 080	322, 550	2, 136, 230	970, 760	2, 053, 170	320, 080	770, 550	482, 880
1935	71, 100	175, 050	174, 970	598, 060	353, 030	1, 303, 050	225, 060	880, 940	423, 830
1936	547, 440	325, 730	291, 680	1, 140, 470	1, 088, 840	4, 634, 740	1, 351, 990	888, 820	804, 790
1937	69, 210	38, 020	107, 100	381, 460	365, 440	633, 890	211, 920	183, 350	357, 130
1938	1, 240, 800	177, 490	252, 480	1, 400, 370	1, 035, 400	1, 514, 520	426, 130	1, 501, 880	254, 110
1939	925, 480	265, 150	660, 510	1, 828, 980	952, 140	2, 755, 500	1, 676, 420	701, 910	376, 820

<sup>1</sup> Because of incompleteness of reports, sums of figures for areas burned and for damage, by causes, for years covered by this note are less than total areas burned and total damage, as given in tables 729 and 731. See also note 1, table 729.

Source of tables 729 and 730: Department of Agriculture, Forest Service; annual fire report.

**NO. 731.—FOREST FIRES—AREA BURNED, BY TYPE, AND DAMAGE, BY KIND, IN PROTECTED AREAS: 1933 TO 1939**

AREA BURNED (acres)

YEAR	PRODUCTIVE FOREST			NONPRODUCTIVE AREA				Grand total
	Mature or merchantable	Young growth	Total	Protective		No protective or forest value	Total	
				Forest	Other			
1933	816,560	1,937,080	2,753,640	71,460	626,710	271,110	969,280	3,722,920
1934	874,770	2,044,660	2,919,430	889,320		364,260	1,253,610	4,173,040
1935	493,110	1,523,830	2,016,940	211,110		311,060	522,170	2,539,110
1936	779,640	2,156,450	2,936,090	1,031,110		249,730	1,280,840	4,216,930
1937	266,370	883,260	1,149,630	123,580		70,680	194,260	1,343,890
1938	556,860	1,718,940	2,275,790	400,320		202,760	663,080	2,938,870
1939	661,970	2,157,110	2,819,080	745,610		223,880	969,490	3,788,570

DAMAGE<sup>1</sup> (dollars)

YEAR	Timber	Young growth	Forage	Other	Total	Protective area	Grand total
1933	12,189,920	3,295,840	146,600	1,287,000	16,919,360	399,080	17,318,440
1934	2,747,450	2,992,190	164,850	1,334,540	7,239,030	861,320	8,100,350
1935	1,012,540	1,830,580	118,300	989,090	3,950,510	300,230	4,250,740
1936	5,251,580	3,875,010	413,900	3,474,600	13,015,180	1,051,770	14,066,950
1937	664,500	1,131,300	80,290	451,430	2,327,520	138,620	2,466,140
1938	2,434,570	2,309,280	166,220	2,686,960	7,597,030	489,970	8,087,000
1939	4,018,080	3,475,170	248,350	1,738,820	9,480,420	762,590	10,243,010

<sup>1</sup> See footnote 1, table 729.

Source: Department of Agriculture, Forest Service; annual fire report.

**NO. 732.—TIMBER REMOVED ANNUALLY FROM COMMERCIAL FORESTS**

NOTE.—Figures are estimates for 1935

PRODUCT AND DAMAGE	Unit of measure	Quantity in thousands	Total volume removed <sup>1</sup> (M cubic feet)	EQUIVALENT IN LUMBER WHICH COULD HAVE BEEN SAWED FROM TOTAL VOLUME REMOVED (M BOARD FEET) <sup>2</sup>		
				Total	Softwood	Hardwood
Aggregate			13,482,768	47,807,877	36,173,862	12,683,815
Products, total			11,400,007	42,443,374	30,407,283	12,038,091
Lumber	Foot, b.m. <sup>3</sup>	27,070,071	5,367,585	27,702,415	22,016,083	5,683,332
Fuelwood	Cord	65,673	3,619,482	6,400,401	3,121,767	3,278,634
Ties, hewn	Piece	30,173	354,189	1,491,753	885,461	606,292
Fence posts	do	333,537	327,060	628,576	252,354	376,222
Pulpwood	Cord	7,383	705,924	2,252,147	2,107,802	144,345
Mine timbers (round)	Cu. ft.	128,935	161,018	151,102	77,693	73,409
Veneer logs	Foot l. s.	970,089	252,443	1,190,415	412,733	777,682
Slack staves	Piece	439,970	47,474	217,069	103,627	113,542
Slack heading	Set	35,992	20,968	104,740	88,723	16,017
Slack hoops	Piece	51,518	3,687	15,110	129	14,987
Logs and bolts in mfrs.	Foot l. s.	456,172	124,399	506,663	59,868	446,795
Tight staves	Piece	220,325	56,913	269,920	100,076	169,844
Tight heading	Set	15,259	20,375	97,501	41,148	56,353
Shingles	Square <sup>4</sup>	6,052	108,658	492,500	489,271	3,219
Export logs and hewn timbers	Foot l. s.	323,921	66,815	353,054	330,800	23,154
Poles	Piece	3,679	56,946	219,743	205,293	14,450
Distillation and tanning extract wood	Cord	1,075	60,925	181,637	200	181,437
Piling	Piece	1,117	29,898	127,840	100,255	27,585
Excelsior wood	Cord	157	15,220	39,792	14,100	25,692
Damage, total			2,082,749	5,364,303	4,766,679	567,724
Destroyed by fire			861,608	1,390,373	1,195,796	194,577
Destroyed by disease, insects, drought, wind, etc.			1,201,141	3,973,930	3,570,783	403,147

<sup>1</sup> Includes both saw timber and cordwood trees. The cubic foot volumes include the tops and limbs, but not the bark. Detailed data for cordwood trees are omitted from this table.<sup>2</sup> Includes only timber of saw timber size. Lumber items include allowances for logging waste which might have been utilized.<sup>3</sup> Lumber tally measure.<sup>4</sup> This item increased to account for the probable cut of mills failing to report to the census.<sup>5</sup> A square is considered equivalent to 800 pieces.

Source: Department of Agriculture, Forest Service; records (not published elsewhere). Based in part upon forest products statistics of the Department of Commerce, Bureau of the Census.

No. 733.—LUMBER—PRODUCTION, BY KIND OF WOOD, AND AVERAGE MILL VALUE

NOTE.—For 1889, 1914, 1921, 1923, 1925, and 1927 custom mills are excluded and beginning with 1911 for each year except 1919 mills cutting less than 50,000 board feet are excluded. Custom mills are much less important in recent years than formerly

[Quantities in millions of board feet; average mill value per 1,000 board feet]

YEAR (CALENDAR)	PRODUCTION			Average mill value	YEAR (CALENDAR)	PRODUCTION			Average mill value
	Total	Hard- wood	Soft- wood			Total	Hard- wood	Soft- wood	
1889	12,756			(1)	1924	35,931	6,526	29,406	\$28.57
1870	18,091			(1)	1925	38,339	8,628	31,710	28.02
1889	23,842			\$11.41	1926	36,936	6,467	30,469	27.34
1899	35,078	8,634	26,146	11.13	1927	34,532	6,000	28,442	25.80
1909	44,510	10,613	33,897	15.38					
					1928	34,142	5,797	28,345	25.61
1914	37,346	7,930	29,407	(1)	1929	36,880	7,073	29,813	26.94
1915	37,012	7,527	29,485	14.04	1930	20,051	4,729	21,323	22.81
1916	30,807	8,475	31,332	15.32	1931	16,523	2,671	13,852	18.56
1917	35,831	6,587	29,174	20.32	1932	10,151	1,406	8,746	15.12
					1933	13,961	2,062	11,899	18.55
1918	31,890	6,223	25,667	24.79	1934	15,494	2,768	12,735	21.47
1919	34,552	7,145	27,407	30.21	1935	19,530	3,291	16,248	20.43
1920	33,799	6,989	26,810	38.42	1936	24,355	4,113	20,242	22.20
1921	26,961	4,775	22,186	23.47	1937	25,997	4,408	21,589	24.25
1922	31,569	4,925	26,644	26.15	1938	21,646	3,353	18,293	21.45
1923	37,166	6,262	30,904	31.78					

KIND OF WOOD	PRODUCTION									
	1899	1909	1919	1929	1933	1934	1935	1936	1937	1938
Softwood, total	26,146	33,897	27,407	29,813	11,699	12,785	16,248	20,242	21,589	18,293
Balsam fir		109	08	38	3	7	15	10	18	13
Cedar	233	346	332	309	111	140	181	238	257	222
Cypress	496	956	656	532	158	179	326	441	411	408
Douglas fir	1,737	4,856	5,902	8,089	3,909	4,066	4,772	6,321	6,555	5,216
Hemlock	3,421	3,051	1,755	2,099	416	478	578	813	802	578
Larch	51	421	388	245	48	79	98	124	141	84
Lodgepole pine		24	16	31	12	19	18	45	75	76
Ponderosa pine	945	1,500	1,756	3,288	1,690	1,806	2,628	2,975	3,308	2,734
Redwood	360	522	410	480	164	282	329	403	436	317
Spruce	1,442	1,749	980	504	198	259	289	348	370	290
Sugar pine	54	97	134	349	85	110	193	285	319	267
White fir		89	223	307	67	81	107	127	116	80
White pine	7,742	3,900	1,724	1,248	532	756	854	998	1,012	805
Yellow pine	9,659	16,277	13,063	11,630	4,446	4,473	5,960	7,113	7,691	7,196
Other softwood	9									
Hardwood, total	8,634	10,613	7,145	7,073	2,062	2,758	3,291	4,113	4,408	3,353
Alder		(2)	(3)	24	24	21	33	34	51	16
Ash	269	291	155	152	54	76	90	94	95	78
Basswood	308	399	184	133	37	52	72	89	91	78
Beech		511	359	187	44	72	94	110	133	97
Birch	133	452	375	374	81	126	166	184	204	160
Chestnut	207	694	546	268	50	79	87	104	104	78
Cottonwood	415	268	144	166	108	109	98	137	146	140
Elm	457	347	194	176	33	49	67	50	51	64
Hickory	97	334	170	57	11	13	22	29	35	24
Magnolia		(1)	2	42	21	22	25	27	41	26
Maple	693	1,107	857	824	221	311	404	490	525	389
Oak	4,436	4,414	2,708	2,574	698	1,083	1,195	1,535	1,582	1,204
Red gum	285	707	851	1,104	386	393	482	606	578	454
Sycamore	80	57	28	58	11	14	19	27	32	28
Tupelo		97	144	307	126	126	102	216	327	216
Walnut	36	46	39	72	22	21	23	30	43	25
Yellow poplar	1,115	859	329	436	111	163	182	260	299	221
Other hardwood	209	62	59	120	26	30	42	53	61	57

<sup>1</sup> Data are not available.

<sup>2</sup> Includes 298,000,000 board feet of lumber not reported by kind of wood.

<sup>3</sup> Less than 500,000 board feet were reported.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Biennial Census of Manufactures; alternating with Biennial Census reports, a series of reports for even-numbered years.

## No. 734.—LUMBER—PRODUCTION, BY REGIONS AND STATES: 1889 TO 1938

[In millions of board feet. See headnote, table 733]

REGION AND STATE	1889	1899	1909	1919	1929	1935	1936	1937	1938
<b>United States</b> .....	<b>23,842</b>	<b>35,078</b>	<b>44,510</b>	<b>34,562</b>	<b>36,886</b>	<b>19,539</b>	<b>24,355</b>	<b>25,997</b>	<b>21,646</b>
<b>Northeastern States</b> .....	<b>4,726</b>	<b>5,709</b>	<b>5,197</b>	<b>2,584</b>	<b>1,232</b>	<b>750</b>	<b>880</b>	<b>930</b>	<b>809</b>
Maine.....	597	785	1,112	596	258	217	232	237	218
New Hampshire.....	277	572	650	339	102	127	161	157	135
Vermont.....	384	376	352	218	120	73	82	96	92
Massachusetts.....	212	344	361	167	72	56	57	57	54
Connecticut.....	49	108	168	87	30	8	9	10	10
Rhode Island.....	8	19	25	11	7	4	4	3	3
New York.....	925	878	681	358	160	69	97	110	97
New Jersey.....	34	74	62	37	16	8	12	16	9
Pennsylvania.....	2,133	2,333	1,463	630	314	158	188	195	148
Maryland.....	82	184	268	113	55	22	32	43	37
Delaware.....	23	36	55	27	10	7	6	6	8
<b>Central States</b> .....	<b>3,130</b>	<b>5,643</b>	<b>5,487</b>	<b>3,016</b>	<b>2,347</b>	<b>1,005</b>	<b>1,258</b>	<b>1,292</b>	<b>863</b>
Ohio.....	565	990	543	280	176	83	101	112	79
Indiana.....	755	1,037	556	282	170	86	100	102	73
Illinois.....	222	388	170	65	38	19	25	27	16
Missouri.....	402	724	660	321	228	64	81	71	53
West Virginia.....	302	778	1,473	763	633	253	336	353	217
Kentucky.....	423	775	861	512	339	164	195	191	138
Tennessee.....	460	951	1,224	792	704	337	421	436	287
<b>Southern States</b> .....	<b>3,718</b>	<b>8,404</b>	<b>14,796</b>	<b>12,704</b>	<b>12,484</b>	<b>6,170</b>	<b>7,527</b>	<b>7,949</b>	<b>6,889</b>
Georgia.....	575	1,312	1,342	894	1,386	714	845	865	805
Florida.....	412	790	1,202	1,137	1,137	610	816	796	624
Alabama.....	580	1,101	1,691	1,709	2,069	952	1,153	1,326	1,212
Mississippi.....	454	1,206	2,573	2,390	2,669	1,102	1,261	1,220	1,190
Arkansas.....	538	1,624	2,111	1,772	1,348	856	1,077	1,096	935
Louisiana.....	304	1,115	3,552	3,164	2,232	1,065	1,250	1,362	946
Texas.....	843	1,232	2,099	1,380	1,452	744	942	1,126	1,028
Oklahoma.....	3	22	226	168	200	126	157	159	148
<b>North Carolina Pine States</b> .....	<b>1,129</b>	<b>2,712</b>	<b>5,177</b>	<b>3,374</b>	<b>2,979</b>	<b>1,659</b>	<b>2,001</b>	<b>2,343</b>	<b>2,470</b>
Virginia.....	416	959	2,102	1,098	708	442	567	617	512
North Carolina.....	515	1,287	2,178	1,654	1,202	685	797	1,156	1,371
South Carolina.....	199	466	898	622	1,068	532	638	570	588
<b>Lake States</b> .....	<b>3,251</b>	<b>3,750</b>	<b>5,478</b>	<b>2,692</b>	<b>1,771</b>	<b>808</b>	<b>938</b>	<b>1,005</b>	<b>775</b>
Michigan.....	4,300	3,018	1,890	876	571	333	405	464	307
Minnesota.....	1,084	2,342	1,562	700	357	108	123	122	96
Wisconsin.....	2,866	3,389	2,025	1,116	843	367	409	419	372
<b>Pacific States</b> .....	<b>2,028</b>	<b>2,901</b>	<b>6,905</b>	<b>8,818</b>	<b>14,149</b>	<b>7,953</b>	<b>10,297</b>	<b>10,840</b>	<b>8,801</b>
Washington.....	1,064	1,429	3,863	4,961	7,302	3,453	4,572	4,713	3,349
Oregon.....	446	735	1,899	2,577	4,784	3,145	4,077	4,352	3,791
California and Nevada.....	1,518	738	1,144	1,280	2,063	1,356	1,648	1,776	1,462
<b>Rocky Mountain States</b> .....	<b>249</b>	<b>556</b>	<b>1,292</b>	<b>1,299</b>	<b>1,843</b>	<b>1,149</b>	<b>1,408</b>	<b>1,577</b>	<b>1,202</b>
Montana.....	90	256	309	287	389	234	295	335	222
Idaho.....	28	65	646	765	1,029	609	724	797	571
Arizona.....	5	36	63	74	175	100	123	123	118
New Mexico.....	26	31	92	87	148	126	141	164	125
Colorado.....	80	134	142	65	72	48	72	84	85
Utah.....	14	18	13	12	5	9	10	15	13
Wyoming.....	6	17	29	9	26	23	42	58	68
<b>All other</b> .....	<b>619</b>	<b>401</b>	<b>1,179</b>	<b>65</b>	<b>81</b>	<b>45</b>	<b>46</b>	<b>60</b>	<b>37</b>
Iowa.....	571	352	132	18	20	3	4	6	5
Kansas.....	4	11	5	3	(4)	5	8	10	5
Nebraska.....	9	5	16	3	(4)	5	8	10	5
North Dakota.....	7	2							
South Dakota.....	21	32	31	43	61	38	34	44	27
<b>PERCENTAGE DISTRIBUTION</b>									
<b>United States</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Northeastern States.....	19.8	16.3	11.7	7.5	3.3	3.8	3.6	3.6	3.7
Central States.....	13.1	16.1	12.3	8.7	6.4	5.1	5.2	5.0	4.0
Southern States.....	15.6	24.0	33.3	36.8	33.8	31.6	30.9	30.6	31.8
North Carolina Pine States.....	4.7	7.7	11.6	9.8	8.1	8.5	8.2	9.0	11.4
Lake States.....	34.6	24.9	12.3	7.8	4.8	4.1	3.8	3.9	3.6
Pacific States.....	8.5	8.3	15.5	25.5	38.4	40.8	42.3	41.7	39.7
Rocky Mountain States.....	1.1	1.6	2.9	3.7	5.0	5.9	5.8	6.1	5.6
All other.....	2.6	1.1	.4	.2	.2	.2	.2	.2	.2

<sup>1</sup> California only; for 1909 Nevada included with "All other."<sup>2</sup> Includes Nevada.<sup>3</sup> Includes Kansas and Nebraska.<sup>4</sup> Included with Iowa.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Biennial Census of Manufactures; alternating with Biennial Census reports, a series of reports for even-numbered years.

No. 735.—LUMBER—AVERAGE MILL VALUE PER 1,000 BOARD FEET

KIND OF WOOD	1899	1900	1910	1920	1932	1933	1934	1935	1936	1937	1938
All kinds <sup>1</sup> .....	\$11.18	\$15.38	\$30.21	\$28.94	\$15.12	\$18.65	\$21.47	\$20.43	\$22.20	\$24.25	\$21.45
<b>Softwoods</b> .....	( <sup>2</sup> )	14.08	28.39	24.81	15.84	18.94	20.07	18.08	21.03	22.97	20.42
Cedar fir.....	( <sup>2</sup> )	13.99	32.23	25.49	19.32	19.79	20.27	22.03	23.05	21.82	20.72
Balsam.....	10.91	19.05	33.80	34.83	24.55	25.91	27.94	26.33	33.33	37.00	36.41
Cypress.....	13.32	20.45	35.38	35.29	24.62	26.30	30.73	29.51	34.90	36.79	35.14
Douglas fir.....	8.67	12.44	24.62	20.05	10.61	13.67	16.14	15.97	17.67	13.67	17.29
Hemlock.....	9.98	13.95	20.16	18.90	12.39	14.27	17.70	18.53	18.85	20.58	18.99
Larch.....	8.73	12.68	23.39	18.35	10.79	13.34	16.07	16.90	15.90	17.23	16.05
Lodgepole pine.....	( <sup>2</sup> )	16.25	29.98	17.97	12.45	10.23	16.54	18.27	17.22	16.34	16.85
Ponderosa pine.....	9.70	15.39	27.75	26.47	16.38	18.57	20.51	20.40	21.83	24.53	22.22
Redwood.....	10.12	14.80	30.04	31.00	24.33	26.29	30.03	29.77	35.01	36.30	36.73
Spruce.....	11.27	16.91	30.76	28.64	17.73	18.89	21.75	22.09	23.92	25.73	23.72
Sugar pine.....	12.30	18.14	35.99	43.03	26.26	27.95	27.04	30.03	31.83	34.71	30.16
White fir.....	( <sup>2</sup> )	13.10	25.66	20.63	12.23	15.30	15.15	16.17	16.25	18.95	18.22
White pine.....	12.69	18.16	32.83	29.87	21.58	21.45	23.75	25.66	26.28	29.20	26.77
Yellow pine.....	8.46	12.69	28.71	25.66	18.32	17.91	21.64	18.24	20.76	22.18	19.01
<b>Hardwoods<sup>1</sup></b> .....	( <sup>2</sup> )	19.52	37.22	38.04	22.45	27.31	28.01	27.09	27.92	30.49	27.09
Alder.....	( <sup>2</sup> )	15.03	34.67	27.18	17.06	17.99	19.16	19.28	21.90	23.07	25.41
Ash.....	15.84	24.44	52.69	43.14	28.74	33.23	39.26	30.02	32.42	37.11	34.30
Basswood.....	12.84	19.50	40.03	30.88	23.81	29.19	30.78	32.06	33.70	35.65	32.78
Beech.....	( <sup>2</sup> )	13.25	29.98	28.39	17.97	22.75	22.93	23.05	28.51	25.08	22.33
Birch.....	12.50	16.05	35.79	39.35	26.26	29.02	30.58	31.92	34.48	36.11	34.72
Chestnut.....	13.37	16.12	32.30	29.51	17.87	23.01	23.63	21.96	22.95	24.87	19.88
Cottonwood.....	10.37	18.05	32.24	29.70	16.49	22.18	20.68	20.69	19.22	25.24	22.05
Elm.....	11.47	17.52	36.39	35.28	19.07	23.09	24.09	25.03	24.48	25.48	23.84
Hickory.....	18.78	30.80	44.37	40.33	29.85	26.27	27.02	31.41	33.86	32.12	28.17
Magnolia.....	( <sup>2</sup> )	15.00	28.01	38.11	19.84	27.13	27.60	24.27	26.71	20.02	20.67
Maple.....	11.83	15.77	35.56	36.93	22.82	30.51	30.84	30.60	31.67	24.14	32.34
Oak.....	13.78	20.50	37.87	38.43	22.84	28.53	27.54	27.15	27.46	29.60	25.41
Red gum.....	9.63	13.20	32.68	34.42	16.84	23.01	24.70	22.33	23.85	26.63	22.43
Sycamore.....	11.04	14.87	30.32	30.07	18.71	22.73	21.52	22.80	24.09	22.75	21.42
Tupelo.....	( <sup>2</sup> )	11.87	28.42	25.39	17.40	22.01	22.70	19.65	21.21	23.31	20.24
Walnut.....	36.49	43.79	72.13	119.16	57.87	77.61	86.60	75.64	74.04	85.10	71.26
Yellow poplar.....	14.03	25.39	41.65	41.66	26.02	29.91	30.01	28.65	27.78	31.60	25.75

<sup>1</sup> Includes some hardwoods not shown separately.

<sup>2</sup> Data are not available.

Source: Department of Commerce, Bureau of the Census, (in cooperation with Department of Agriculture, Forest Service); reports of Biennial Census of Manufactures; alternating with Biennial Census reports, a series of reports for even-numbered years.

No. 736.—VENEERS—WOOD CONSUMED IN MANUFACTURE: 1931 to 1937

NOTE.—In thousands of feet, log scale. Total wood consumed for all years for which data are available not shown in table, follow (figures in thousands of feet, log scale): 1905, 181,140 (compiled by the Forest Service, Department of Agriculture); 1906, 329,186; 1907, 384,523; 1908, 382,542; 1909, 485,981; 1910, 477,479; 1911, 444,886; 1919, 576,581; 1921, 400,388; 1923, 645,793; 1925, 734,599; 1927, 901,501; 1929, 1,112,910

STATE	WOOD CONSUMED				KIND OF WOOD	WOOD CONSUMED			
	1931	1933	1935	1937		1931	1933	1935	1937
Total.....	696,350	700,234	823,881	1,113,852	Softwood, domestic.....	228,520	282,484	340,468	459,476
Alabama.....	24,364	26,618	25,151	35,254	Douglas fir.....	101,293	( <sup>1</sup> )	201,248	306,299
Arkansas.....	36,001	24,698	27,325	34,298	Ponderosa pine.....	9,200	( <sup>1</sup> )	13,100	20,471
California.....	14,463	16,051	26,832	39,535	Spruce.....	40,364	( <sup>1</sup> )	45,470	48,302
Florida.....	56,657	67,097	62,667	93,032	Yellow pine.....	60,128	( <sup>1</sup> )	71,152	76,204
Georgia.....	23,762	34,911	38,216	59,089	Other.....	17,535	( <sup>1</sup> )	9,498	8,200
Indiana.....	17,147	14,182	22,171	26,053	<b>Hardwood</b> .....	468,229	399,699	478,240	649,544
Kentucky.....	11,121	10,281	11,111	17,155	Domestic.....	455,694	396,666	472,501	637,192
Louisiana.....	31,030	22,898	24,596	27,907	Beech.....	14,130	( <sup>1</sup> )	10,901	6,612
Michigan.....	11,316	9,789	14,657	13,124	Birch.....	23,213	( <sup>1</sup> )	23,859	32,229
Mississippi.....	43,798	48,318	49,667	72,526	Cottonwood.....	43,707	( <sup>1</sup> )	35,551	54,081
New York.....	18,723	15,336	14,188	20,401	Elm.....	20,937	( <sup>1</sup> )	13,195	16,064
North Carolina.....	52,266	51,216	66,116	74,722	Maple.....	24,563	( <sup>1</sup> )	28,279	39,039
Oregon.....	23,878	32,616	41,510	53,943	Red gum.....	201,297	( <sup>1</sup> )	221,766	213,654
South Carolina.....	28,194	24,827	46,179	50,464	Tupelo.....	59,110	( <sup>1</sup> )	64,514	170,438
Tennessee.....	15,642	17,743	14,643	24,399	Walnut.....	8,524	( <sup>1</sup> )	10,293	16,514
Texas.....	30,995	22,890	19,100	30,452	Yellow poplar.....	38,151	( <sup>1</sup> )	36,088	52,040
Vermont.....	7,915	7,886	11,360	18,243	Other.....	22,066	( <sup>1</sup> )	26,705	36,521
Virginia.....	32,314	34,122	32,309	38,874	Imported.....	7,535	3,027	5,739	11,352
Washington.....	135,370	159,990	201,477	289,945	Not specified.....	4,601	18,057	5,173	5,632
Wisconsin.....	21,160	10,573	19,229	33,317					
All other.....	64,161	47,305	64,681	69,823					

<sup>1</sup> Data by individual kind of wood not called for on schedule for 1933.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Biennial Census of Manufactures.



NO. 737.—LATH AND SHINGLES—PRODUCTION, 1899 TO 1938, AND BY STATES, 1935 TO 1938

NOTE.—Lath in thousands and shingles in squares. Shingles were reported in thousands prior to 1933 and were converted to squares on the basis of 800 shingles to the square

YEAR (CALENDAR)	Lath	Shingles	YEAR (CALENDAR)	Lath	Shingles
1899	2,523,998	15,127,521	1930	1,097,255	4,955,138
1909	3,703,195	18,634,214	1931	614,250	3,392,465
1919	1,724,078	11,490,880	1932	408,039	2,639,125
1924	2,961,200	8,577,981	1933	408,192	3,062,250
1925	3,161,137	9,165,034	1934	416,308	3,477,003
1926	3,083,130	7,510,433	1935	620,038	4,416,709
1927	2,372,333	8,054,335	1936	810,909	5,901,692
1928	1,903,837	7,004,613	1937	839,085	5,640,792
1929	1,705,858	7,698,340	1938	583,777	6,319,236

STATE	LATH				SHINGLES			
	1935	1936	1937	1938	1935	1936	1937	1938
Alabama	19,268	10,600	6,064	13,453	7,053	8,120	6,779	16,058
Arkansas	9,297	8,833	9,909	10,525	7,141	5,365	2,407	12,804
California	24,569	26,766	20,770	24,982	107,404	119,871	106,342	82,192
Florida	55,174	58,519	81,033	44,569	49,447	21,719	31,275	25,000
Georgia	5,540	880	1,097	1,374	17,153	10,067	11,427	24,236
Idaho	45,492	53,910	60,737	36,907	25,658	25,000	34,205	35,644
Louisiana	12,616	23,538	90,805	24,827	14,446	8,541	19,646	8,016
Maine	12,323	38,796	48,043	19,662	55,957	84,888	105,167	73,661
Michigan	7,399	6,430	10,593	7,992	9,111	26,405	12,117	14,802
Minnesota	18,270	15,621	14,521	10,742	1,220	1,168	300	1,877
Mississippi	32,233	32,951	15,649	15,730	3,686	72	25	255
Montana	10,416	13,481	16,849	11,845	45	4,170	4,388	4,442
North Carolina	2,862	2,234	2,590	2,771	20,947	16,382	16,067	50,857
Oregon	126,340	162,652	161,002	130,163	452,467	605,283	1,651,856	737,187
South Carolina	620	5,922	1,000	1,169	18,293	19,525	8,040	15,480
Texas	16,898	27,442	27,610	25,180	4,600	6,065	5,506	17,841
Virginia	6,740	14,330	9,701	9,227	95	22	5,804	13,352
Washington	159,624	236,531	197,034	141,758	3,556,016	4,727,134	44,690,233	15,133,783
West Virginia	5,616	9,410	8,106	5,384				
Wisconsin	19,629	19,875	19,655	16,547	61,417	201,992	31,548	37,905
All other	28,622	42,170	35,717	28,980	3,603	9,795	6,675	12,824

<sup>1</sup> Includes data for shakes.

NO. 738.—COOPERAGE STOCK—PRODUCTION, BY KIND: 1909 TO 1937

NOTE.—Production of wooden hoops in 1923 was 153,954,000; in 1925, 149,167,000; in 1927, 134,596,000; in 1929, 133,054,000; in 1931, 94,311,000; in 1933, 61,161,000; in 1935, 51,818,000; and in 1937, 68,152,000, nearly all elm

YEAR AND KIND OF WOOD	STAVES (THOUSANDS)		HEADING (THOUSAND SETS)		CLASS AND KIND OF WOOD	1935	1937	1935	1937
	Tight	Slack	Tight	Slack		Staves (thousands)	Heading (thous. sets)		
1909	379,231	2,029,548	20,691	140,234	Tight, total	221,619	205,288	15,259	13,377
1919	353,825	1,121,324	24,274	87,381					
1925	240,023	937,597	23,052	71,371	Oil, tierce, and pork.	83,503	76,916	4,865	4,241
1927	324,127	961,782	26,445	59,337					
1929	357,353	1,039,450	30,329	72,591	Softwood	7,305	11,752	4,452	6,117
1931	204,624	537,177	20,090	43,375	Hardwood	75,711	64,863	4,360	3,604
1933	154,575	426,685	13,031	37,461	Not specified	487	300	53	20
1935	221,619	439,970	15,259	35,992	Whisky, spirit, and wine	60,887	65,629	4,371	2,910
1937	205,286	574,768	13,377	54,318	Softwood	20	1,932	1	93
	1935	1937	1935	1937	Hardwood	60,858	63,697	4,370	2,817
Slack, total	439,970	574,768	35,992	54,318	Beer and ale, hard-wood	3,467	2,615	145	418
Softwood	207,012	306,812	29,654	49,716	Other and not specified classes	73,762	60,127	5,878	5,808
Hardwood	232,058	263,754	6,338	4,526	Softwood	60,979	50,609	5,215	4,967
Not specified		4,202		76	Hardwood	10,509	9,208	535	812
					Not specified	2,274	310	128	29

Source of tables 737 and 738: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Biennial Census of Manufactures; alternating with Biennial Census reports, a series of reports for even-numbered years.

No. 739.—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	1,980,310	9,838	\$4.95	1923	5,872,870	95,306	\$16.23	1933	6,581,674	48,508	\$7.37
1909	4,001,007	84,478	8.62	1925	6,093,821	94,840	15.48	1935	7,628,274	58,244	7.64
1914	4,470,703	89,408	8.81	1927	6,750,935	95,452	14.14	1936	8,715,616	67,161	7.71
1919	5,477,832	87,386	15.95	1929	7,045,011	100,054	13.09	1937	10,303,800	82,865	7.97
1921	4,557,179	91,589	20.10	1931	6,722,766	78,524	10.94	1938	9,163,991	74,433	8.10

KIND OF WOOD	TOTAL CONSUMPTION (CORDS)						
	1919	1929	1934	1935	1936	1937	1938
Total	5,477,832	7,645,011	6,796,659	7,628,274	8,715,616	10,393,800	9,193,991
Spruce:							
Domestic	2,313,419	2,074,267	1,535,269	1,755,112	1,756,977	2,010,720	1,447,457
Imported	873,795	1,029,913	638,127	625,462	735,305	820,528	832,295
Hemlock:							
Domestic	795,154	1,300,170	1,428,116	1,521,271	1,742,268	2,264,565	1,677,181
Imported	15,379	15,379				37,447	37,447
Yellow pine (southern)	234,463	1,036,272	1,459,171	1,785,228	2,150,640	2,658,949	3,261,404
Poplar:							
Domestic	180,100	320,466	241,001	333,773	404,138	441,401	324,808
Imported	168,220	167,829	92,271	54,283	44,724	90,366	95,768
Balsam fir:							
Domestic	181,840	317,552	290,385	298,812	305,189	320,715	321,984
Imported	106,974	45,412	80,647	54,313	81,383	71,447	85,392
Jack pine <sup>1</sup>	51,581	205,760	218,116	224,538	226,833	300,736	259,570
Beech, birch, and maple <sup>2</sup>	184,111	70,950	83,096	152,054	118,461	257,410	1,168,790
Tamarack (arch) <sup>2</sup>	44,042	51,835	12,267	9,587	10,005	8,945	9,937
Yellow poplar <sup>2</sup>	72,005	129,697	75,492	( <sup>3</sup> )	91,818	47,882	( <sup>3</sup> )
Gum <sup>2</sup>	30,355	39,685	( <sup>3</sup> )	29,299	37,632	425,907	47,967
White fir <sup>1</sup>	31,138	111,054	98,169	174,075	119,221	1,135,384	98,873
Other wood	44,894	153,485	303,171	317,075	378,782	329,898	315,101
Slabs and mill waste	175,081	561,285	286,444	292,792	329,835	565,391	231,160

<sup>1</sup> Domestic and imported. <sup>2</sup> Domestic only. <sup>3</sup> Included with "Other wood." <sup>4</sup> Red gum only.

No. 740.—WOOD PULP—PRODUCTION, 1899 TO 1938, AND BY STATES AND BY PROCESS, 1909 TO 1938

[In tons of 2,000 pounds]

YEAR	Tons <sup>1</sup>	YEAR	Tons <sup>1</sup>	YEAR	Tons <sup>1</sup>	YEAR	Tons <sup>1</sup>
1899	1,179,525	1921	2,875,601	1929	4,862,885	1935	4,925,669
1909	2,495,523	1923	3,788,672	1931	4,409,344	1936	5,095,219
1914	2,893,150	1925	3,962,217	1933	4,276,204	1937	6,372,918
1919	3,517,952	1927	4,313,403	1934	4,436,128	1938	6,935,560

STATE AND PROCESS <sup>1</sup>	1909	1919	1929	1935	1936	1937	1938
Principal States:							
Florida	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	316,754
Louisiana	( <sup>2</sup> )	( <sup>2</sup> )	240,500	420,757	474,332	505,603	454,211
Maine	620,705	916,764	981,433	848,176	933,510	1,003,530	847,317
Michigan	64,369	106,194	178,015	170,151	198,160	197,293	177,870
Minnesota	37,295	129,500	180,664	175,479	218,038	225,672	170,748
New Hampshire	212,589	232,134	212,774	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	133,188
New York	679,534	811,958	662,988	403,932	452,041	503,292	427,024
North Carolina	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	199,242
Oregon	383,602	3,123,900	3,256,546	232,221	302,634	338,802	250,783
Pennsylvania	135,525	215,686	213,083	152,182	173,407	209,132	165,093
Virginia	48,841	( <sup>2</sup> )	206,050	238,732	333,982	372,700	334,899
Washington	( <sup>2</sup> )	83,575	623,948	775,722	895,797	1,184,390	836,050
Wisconsin	324,509	506,540	733,617	547,104	605,377	638,217	685,892
Other States	283,654	301,542	458,177	901,213	1,106,437	1,394,278	1,033,500
Process:							
Mechanical	1,179,266	1,518,829	1,649,112	1,359,721	1,482,977	1,610,341	1,337,523
Sulphite	1,017,031	1,419,829	1,737,085	1,605,690	1,851,099	2,174,974	1,630,110
Soda	298,626	411,693	520,729	487,523	457,695	510,354	395,307
Sulphate		120,378	915,478	1,472,735	1,803,448	2,144,728	2,452,076
Semichemical			40,481	( <sup>1</sup> )	( <sup>1</sup> )	132,521	118,544

<sup>1</sup> Beginning 1914 includes screenings except data by process for 1919.

<sup>2</sup> Not shown separately.

<sup>3</sup> Includes data for California.

<sup>4</sup> Soda includes semichemical pulp, combined to avoid disclosing production of individual establishments.

<sup>5</sup> Includes data for a small quantity of low-grade wood pulp not reported by process.

Source of tables 739 and 740: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures; alternating with Biennial Census reports, a series of reports for even-numbered years.

## NO. 741.—PAPER AND PAPERBOARD—PRODUCTION, BY KIND: 1931 TO 1938

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

PRODUCT	QUANTITY						VALUE			
	1931	1933	1935	1936 <sup>1</sup>	1937	1938 <sup>1</sup>	1931	1933	1935	1937
Paper and paperboard, total	9,382	9,190	10,479	11,979	12,837	11,381	681,106	621,553	656,116	857,920
Standard newsprint, in rolls and sheets	1,203	928	948	938	976	832	63,654	32,206	33,354	37,087
Hanging	86	66	105	116	127	87	5,800	3,346	5,765	7,785
Poster, novel, news-tablet, lining, etc	136	156	89	( <sup>2</sup> )	92	( <sup>3</sup> )	9,624	8,035	4,601	4,899
Catalog	89	63	80	83	101	92	7,064	4,250	5,777	7,399
Book	1,209	1,080	1,282	1,438	1,521	1,337	120,283	83,244	112,600	147,343
Cover	24	13	21	26	24	20	4,372	2,104	3,710	4,435
Writing (fine)	488	478	507	602	678	482	77,865	61,330	70,620	87,272
Wrapping	1,402	1,440	1,632	1,879	2,053	1,866	110,885	95,768	127,059	179,735
Paperboard	3,848	4,079	4,693	5,455	5,802	5,104	149,112	161,181	200,103	277,340
Tissue	395	407	473	495	540	540	45,041	37,711	46,285	56,914
Absorbent	77	80	95	106	138	126	14,774	12,082	15,911	22,120
Building	395	308	441	550	608	570	18,129	12,687	19,450	32,630
All other	31	95	110	288	277	315	4,501	7,609	10,922	23,962

<sup>1</sup> Value not reported. <sup>2</sup> Includes data for other special grades. <sup>3</sup> Included with "All other."

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures alternating with Biennial Census reports, a series of reports for even-numbered years.

## NO. 742.—TURPENTINE AND ROSIN—PRODUCTION, 1899 TO 1940, AND BY STATES, 1919 TO 1940

YEAR <sup>1</sup>	TURPENTINE (GALLONS)			ROSIN (BARRELS OF 500 POUNDS)		
	Total	From gum <sup>2</sup>	From wood <sup>3</sup>	Total	From gum <sup>2</sup>	From wood <sup>3</sup>
1899	37,733,500	37,733,500	( <sup>4</sup> )	2,434,933	2,434,933	( <sup>4</sup> )
1904	31,129,236	30,687,051	442,185	1,964,674	1,964,674	( <sup>4</sup> )
1909	29,714,132	28,988,954	706,868	1,827,760	1,827,760	( <sup>4</sup> )
1914	27,648,939	26,980,981	575,557	1,649,160	1,615,643	29,022
1919	19,228,174	17,693,841	1,534,333	1,269,717	1,138,060	131,067
1920-30	35,940,124	31,320,871	4,619,253	2,454,186	1,975,631	478,555
1931-32	27,499,514	24,349,024	3,150,490	1,904,397	1,570,885	333,512
1932-33	28,756,550	26,050,000	2,706,550	2,073,330	1,703,400	369,930
1933-34	31,238,050	26,300,000	4,938,050	2,297,337	1,788,060	509,277
1934-35	30,154,650	25,500,000	4,654,650	2,229,122	1,734,000	495,122
1935-36	30,145,400	24,850,000	5,295,400	2,276,491	1,701,187	575,304
1936-37	31,726,000	24,139,350	7,586,650	2,331,962	1,607,934	724,028
1937-38	35,016,550	25,922,700	9,093,850	2,601,906	1,735,428	826,538
1938-39	35,460,900	26,714,550	8,746,350	2,612,391	1,832,930	779,461
1939-40	30,238,900	19,139,060	11,099,850	2,293,971	1,317,795	976,176

PRODUCTION FROM CRUDE GUM<sup>1</sup>

STATE	Turpentine (gallons)				Rosin (barrels of 500 pounds)			
	1919	1929-30	1938-39	1939-40	1919	1929-30	1938-39 <sup>2</sup>	1939-40 <sup>3</sup>
Alabama	2,037,005	1,993,410	2,236,500	1,434,850	120,839	123,798	149,649	95,890
Florida	6,992,489	9,847,151	7,443,500	5,172,550	436,432	623,188	504,691	345,458
Georgia	3,997,310	15,938,491	15,289,550	11,373,450	234,690	1,002,446	1,016,643	753,829
Mississippi	1,749,812	1,267,776	832,600	505,200	115,984	81,683	58,639	37,716
Louisiana	1,835,231	1,082,900	193,050	153,600	{ 112,090	{ 70,680	{ 13,179	{ 10,228
Texas	906,404				{ 60,179	{ 73,936	{ 50,156	{ 29,406
North Carolina		1,241,143	719,350	439,400				
South Carolina	125,590				7,636			

<sup>1</sup> Figures for turpentine and rosin from crude gum, 1920-30 to 1939-40, and from wood, for 1933-34 to 1939-40, relate to crop year ended Mar. 31. All other figures relate to calendar years.<sup>2</sup> Figures compiled from data reported by establishments in Turpentine and Rosin industry.<sup>3</sup> Figures compiled from data reported by establishments in Wood-Distillation industry.<sup>4</sup> Not reported.<sup>5</sup> 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 manufacture of lumber and timber products.<sup>6</sup> Estimated by J. E. Lockwood; complete data not available. Figures include estimates of rosin produced from reclaimed gum, as follows: 1932-33, 33,400 barrels; 1933-34, 35,060; 1934-35, 34,000.<sup>7</sup> Includes estimates by J. E. Lockwood for production of turpentine from steam-distilled wood.<sup>8</sup> Includes data for rosin produced from reclaimed gum: For 1935-36, 54,187 barrels; 1936-37, 42,694; 1937-38, 20,271; 1938-39, 39,979; 1939-40, 39,208.<sup>9</sup> Figures do not include data for rosin produced from reclaimed gum. See notes 6 and 8.

Source: Figures for 1899 to 1932, Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures. Figures for 1933 and subsequent years, Department of Agriculture, Bureau of Agricultural Chemistry and Engineering; Naval Stores Report on Turpentine and Rosin.

### 30. FISHERIES

## No. 743.—FISHERY PRODUCTS—QUANTITY AND VALUE, BY SECTIONS AND STATES: 1880 TO 1938

NOTE.—Values in this table and tables 744 to 746 represent the value of the fish to the fishermen  
NEW ENGLAND STATES

CALENDAR YEAR	Total		Maine		New Hampshire	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880		12,503.0		2,742.6		170.6
1902	584,075	12,406.3	242,300	2,918.8	1,593	50.0
1908	530,029	15,139.0	173,843	3,257.0	1,677	59.0
1919	467,340	19,838.7	147,956	3,880.0	529	92.7
1929	694,286	29,072.5	102,039	4,897.2	378	52.1
1930	701,351	27,493.5	143,824	4,329.4	1,069	69.1
1932	480,621	14,001.3	60,602	2,413.3	744	57.7
1933	499,930	13,485.6	68,498	2,307.1	524	57.1
1935	655,430	17,083.0	112,219	3,809.2	354	61.6
1937	670,864	19,937.3	101,179	2,806.0	664	96.0
1938	631,520	18,275.2	67,207	2,520.9	796	109.1
	Massachusetts		Rhode Island		Connecticut	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880		7,959.8		696.8		933.2
1902	230,646	6,482.4	21,614	1,155.7	37,832	1,799.4
1908	244,313	7,095.0	44,254	1,752.0	66,042	2,982.0
1919	246,951	10,859.7	48,251	3,206.6	23,653	1,700.6
1929	447,089	18,052.5	28,401	2,435.3	54,879	3,035.4
1930	442,474	16,289.1	25,972	2,287.3	88,012	4,518.6
1932	347,593	8,928.3	20,536	1,491.4	21,040	1,110.6
1933	373,870	9,507.0	17,366	1,001.3	9,878	613.1
1935	503,417	12,147.9	24,524	1,247.9	14,916	1,217.0
1937	534,110	14,197.5	18,847	1,398.0	16,063	1,439.8
1938	537,851	13,169.4	13,829	1,055.6	11,839	1,420.2

### 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	408,202	8,677.0	329,453	4,225.7	95,151	3,176.6	1,680	277.0	11,918	997.7
1901	357,888	9,104.7	228,092	3,894.3	117,931	4,755.5	6,030	5,835	203.4	
1908	221,450	8,280.0	71,474	4,390.0	74,827	3,069.0	4,380	251.0	70,789	541.0
1921	332,932	11,067.4	210,377	4,986.9	96,937	5,933.4	595	44.6	25,023	652.4
1930	193,868	13,063.7	46,495	4,933.7	97,275	7,474.4	17	2.8	51,081	652.8
1932	141,221	4,054.0	64,916	2,333.3	72,595	2,217.8	32	1.7	3,729	101.1
1933	169,754	4,811.1	39,061	2,452.6	93,204	2,140.3	52	3.0	36,527	209.2
1935	279,438	6,415.7	84,930	3,135.4	107,802	2,844.3	31	5.7	86,666	430.4
1937	264,652	7,896.0	84,161	4,371.0	129,510	3,201.0	36	4.6	50,941	319.4
1938	216,859	8,249.2	91,217	5,192.8	108,095	2,608.3	40	4.3	17,507	143.0

### 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	264,587	8,346.2	95,713	5,221.7	188,875	3,124.4
1901	461,159	8,360.8	82,975	3,767.5	378,183	4,613.4
1908	426,311	8,022.0	113,796	3,306.0	312,515	4,716.0
1920	530,750	12,740.4	59,531	4,198.7	471,219	8,541.7
1930	316,393	11,472.0	71,099	3,934.7	245,294	7,487.3
1932	359,007	5,905.0	61,626	1,939.7	297,381	3,965.3
1933	272,380	5,060.8	55,362	1,733.8	217,018	3,327.0
1934	289,011	5,943.4	42,210	1,766.5	246,801	4,176.9
1935	265,827	5,524.5	48,235	2,003.6	217,592	3,520.9
1936	314,095	6,487.6	43,791	2,175.5	270,304	4,312.2
1937	292,244	6,361.2	49,953	2,532.0	242,292	3,829.2
1938	294,594	6,663.0	57,263	2,269.8	237,331	4,403.2

### SOUTH ATLANTIC STATES

CALENDAR YEAR	Total		North Carolina		South Carolina		Georgia		Florida (east coast only)	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	42,952	1,250.6	32,249	845.7	6,143	212.5	2,272	120.0	3,287	78.4
1902	109,446	2,859.6	67,685	1,739.7	8,174	263.0	11,103	359.1	19,564	477.9
1908	166,875	4,034.0	101,422	1,778.0	14,104	288.0	14,828	701.0	36,521	1,269.0
1918	332,614	5,348.6	210,502	2,978.7	3,747	207.7	37,154	415.0	81,211	1,746.2
1928	202,118	6,196.2	141,599	2,629.2	7,432	316.8	42,060	366.3	70,713	2,383.0
1930	275,807	4,270.0	168,933	1,830.4	5,108	252.9	34,873	536.3	66,890	1,044.4
1932	154,304	2,383.5	80,214	820.7	4,530	123.4	16,523	155.0	47,081	1,247.5
1934	261,080	3,024.1	109,462	1,672.2	5,891	225.3	27,141	359.5	54,586	1,307.1
1936	369,983	5,506.6	219,879	2,734.5	3,488	343.7	27,352	465.6	114,265	1,659.5
1937	315,775	4,050.9	112,755	1,658.3	7,166	207.7	22,443	405.6	173,411	1,719.3
1938	414,307	4,316.7	198,765	1,950.1	7,911	274.0	19,836	380.0	187,795	1,711.7

## FISHERIES

NO. 743.—FISHERY PRODUCTS—QUANTITY AND VALUE, BY SECTIONS AND STATES: 1880 TO 1938—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	8,370	564.8	3,542
1902	113,697	3,494.2	48,130	1,462.2	9,351	266.7
1908	118,274	4,860.0	37,566	2,120.0	10,665	387.0
1918	130,024	6,510.3	54,754	3,420.4	5,609	230.6
1928	191,007	9,866.3	61,121	3,866.5	14,466	588.8
1930	145,613	6,794.9	53,525	3,001.4	7,113	315.5
1932	145,613	4,044.8	56,260	1,725.9	6,108	168.6
1934	186,394	6,399.6	54,215	2,267.6	7,964	253.4
1936	187,009	8,035.7	59,338	3,278.8	9,253	355.5
1937	230,977	10,175.5	58,765	3,331.7	10,917	461.4
1938	207,551	8,756.7	53,647	3,276.4	10,917	449.6

  

CALENDAR YEAR	Mississippi		Louisiana		Texas	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
	1880	788	22.5	6,906	392.6	3,859
1902	23,427	553.2	21,754	858.3	8,044	353.8
1908	17,302	459.0	42,302	1,448.0	10,439	446.0
1918	20,502	762.8	24,954	1,419.4	25,015	677.2
1928	30,701	1,060.1	69,507	3,477.9	15,212	875.0
1930	15,736	740.1	49,886	1,960.4	15,693	777.5
1932	20,603	497.4	48,340	1,180.6	14,304	472.8
1934	22,163	652.3	76,633	2,284.6	25,860	911.7
1936	26,595	926.1	74,395	2,698.0	17,428	777.3
1937	39,080	1,731.2	97,010	3,601.2	25,205	1,050.0
1938	14,260	603.0	103,883	3,391.5	24,844	1,036.2

## PACIFIC COAST STATES AND ALASKA

CALENDAR YEAR	PACIFIC COAST STATES								Alaska	
	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	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1888	87,043	4,010.0	20,468	811.0	26,048	784.0	40,527	2,495.0	-----	-----
1899	206,911	6,278.0	119,340	2,871.4	22,752	855.7	64,819	2,551.5	-----	-----
1908	193,056	6,830.0	111,356	3,513.0	28,221	1,356.0	53,479	1,970.0	-----	-----
1915	394,790	9,300.0	170,594	5,321.0	34,693	1,479.0	99,509	2,506.0	-----	-----
1925	627,025	24,580.5	139,457	9,476.4	40,008	3,442.4	447,560	11,681.7	616,186	9,860.7
1930	833,389	23,064.1	110,039	8,334.8	26,459	2,256.3	696,891	12,473.0	620,702	12,755.6
1932	500,828	9,484.3	94,959	3,378.0	22,980	728.7	442,883	5,377.6	606,520	7,062.6
1933	860,161	13,988.0	128,729	5,683.9	24,533	1,209.8	706,899	7,094.3	630,774	9,157.9
1934	1,546,162	19,985.0	113,469	6,305.1	26,458	1,456.7	1,406,175	12,188.3	819,269	11,957.9
1935	1,676,236	23,088.8	124,086	6,328.7	85,392	2,076.8	1,406,758	14,683.3	648,710	9,093.2
1936	1,925,342	24,881.5	107,418	5,600.4	57,741	1,995.1	1,760,183	17,286.1	932,341	14,225.8
1937	1,876,877	28,776.4	155,805	7,222.3	68,945	2,609.2	1,362,126	18,944.8	834,819	14,716.9
1938	1,525,885	26,086.3	180,631	6,632.2	71,728	2,399.6	1,294,526	17,054.5	798,823	12,219.7

GREAT LAKES<sup>1</sup>

CALENDAR YEAR	Total <sup>2</sup>		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
1899	113,727	2,611.4	5,430	150.9	34,500	876.7	12,418	308.1	58,994	1,280.9
1908	106,631	3,788.0	10,198	342.0	40,019	1,554.0	12,932	486.0	41,922	1,150.0
1917	104,269	6,295.0	15,447	723.7	35,461	2,270.9	13,363	857.5	38,710	2,327.3
1927	81,327	6,794.9	15,302	918.1	23,681	2,354.8	15,711	1,444.4	28,796	1,831.3
1930	94,948	0,050.3	14,694	695.3	30,973	2,150.0	16,877	1,319.9	29,540	1,655.5
1932	83,744	4,331.8	10,173	379.3	20,602	1,236.3	15,848	1,143.1	33,670	1,439.3
1933	74,604	4,050.4	10,563	478.1	21,682	1,411.6	13,351	954.9	26,187	1,067.7
1934	96,411	5,123.7	17,533	722.8	28,444	1,837.1	14,512	954.9	32,809	1,433.3
1935	90,223	5,944.9	17,874	940.6	25,089	1,942.6	13,676	1,224.1	30,357	1,643.6
1936	94,277	6,389.4	16,008	928.2	25,783	2,130.8	12,790	999.8	36,777	2,154.4
1937	83,958	6,033.1	16,011	918.9	26,398	2,672.8	11,895	951.1	26,933	1,485.6
1938	81,525	6,083.2	14,856	875.0	24,379	2,294.0	12,039	759.8	27,619	1,981.2

<sup>1</sup> Data collected for the most part by State fishery agencies and compiled by the Bureau of Fisheries since 1927.

<sup>2</sup> Includes, in addition to the lakes shown, small amounts for Lake Ontario and also prior to 1927, Lake St. Clair and St. Clair and Detroit Rivers and beginning 1927, Lake-of-the-Woods, Namakan Lake, and Rainy Lake

No. 743.—FISHERY PRODUCTS—QUANTITY AND VALUE, BY SECTIONS AND STATES: 1880 TO 1938—Continued

MISSISSIPPI RIVER AND TRIBUTARIES

YEAR	Total		TRIBUTARY	1922		1931	
	1,000 pounds	1,000 dollars		1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
	1894	44,545		1,384.6	Arkansas	2,034	136.3
1899	96,797	1,781.0	Atchafalaya	4,579	254.7	9,231	523.1
1903	93,374	1,811.2	Cumberland	728	14.7	106	13.0
1908	148,284	3,125.0	Illinois	12,661	617.3	5,985	159.7
1922	105,734	4,503.5	Missouri	1,232	105.2	1,051	94.3
1931	82,383	2,897.4	Ohio River and minor tributaries	7,468	379.1	1,221	96.5
	Mississippi and minor tributaries		Red	6,677	324.5	6,417	277.4
			St. Francis	3,684	108.9	2,173	65.6
			Tennessee	4,990	98.3	5,222	75.0
			Wabash	12,063	357.8	8,388	162.0
1894	21,242	537.8	White (Missouri and Arkansas)	14,662	405.9	12,363	256.7
1899	68,604	823.0	Yazoo	1,022	55.6	4,311	47.8
1903	53,851	1,157.4					
1922	38,945	1,645.3					
1931	28,199	1,076.3					

<sup>2</sup> Figures do not include data for Atchafalaya River.

<sup>4</sup> Includes data for tributaries.

<sup>5</sup> Including tributaries.

No. 744.—FISHERIES—SUMMARY FOR THE UNITED STATES, BY SECTIONS: 1938

SECTION	Fisher- men	Fish- ing vessels	Fish- ing boats	PRODUCTS	
				Quantity	Value
				1,000 pounds	1,000 dollars
Total	Number 180,184	Number 5,179	Number 70,090	4,263,445	93,647.4
New England States	20,248	665	9,000	631,520	18,275.2
Middle Atlantic States	7,540	409	4,073	216,859	8,249.2
Chesapeake Bay States	15,297	341	11,278	294,594	6,093.0
South Atlantic and Gulf States	20,688	1,115	16,215	621,858	13,073.4
Pacific Coast States	23,635	1,345	6,572	1,525,885	26,036.3
Lake States	6,076	460	3,321	31,525	6,033.2
Mississippi River States <sup>1</sup>	16,884	835	14,546	82,333	2,897.4
Alaska	11,007	835	5,085	798,823	12,219.7

<sup>1</sup> Figures for 1931.

No. 745.—FISHERY PRODUCTS LANDED AT SEATTLE BY U. S. VESSELS, AND FISH RECEIVED BY SEATTLE WHOLESALE DEALERS: 1936 TO 1939

SPECIE	QUANTITY IN THOUSANDS OF POUNDS				VALUE IN DOLLARS			
	1936	1937	1938	1939	1936	1937	1938	1939
	Grand total	49,832	52,320	50,865	47,264	3,254,514	3,664,057	3,275,668
Landed by U. S. vessels <sup>1</sup>	27,060	26,808	25,228	23,752	2,201,774	2,130,431	1,911,441	1,929,627
Halibut	23,450	21,168	20,744	19,817	2,061,573	1,924,103	1,726,520	1,722,184
Sablefish	2,338	2,829	2,734	2,877	98,037	145,381	114,260	163,608
"Lingcod"	833	967	1,816	801	27,419	43,307	47,762	32,570
Rockfishes	439	343	434	256	14,745	17,640	22,899	11,265
Received by wholesale dealers <sup>2</sup>	22,772	27,014	25,667	23,512	1,052,740	1,533,626	1,364,227	1,294,503
Salmon:								
Humpback or pink	4	1,282	( <sup>3</sup> )	634	77	40,113	5	17,580
Chum or keta	3,826	6,011	5,696	2,015	83,931	196,030	159,419	82,985
Chinook or king	7,308	6,021	5,090	4,732	529,160	579,394	524,618	458,588
Coho or silver	4,594	4,619	4,869	4,714	220,165	342,721	341,102	337,733
Blueback, red, or sockeye	12	96	198	27	1,234	9,254	14,102	2,765
"Lingcod"	741	1,069	1,432	1,717	14,781	23,782	23,056	33,250
Smelt	521	380	321	640	21,861	22,982	16,011	26,007
"Sole"	3,792	3,348	3,589	3,479	73,540	85,934	105,538	88,077
Crabs	1,015	1,689	1,753	1,815	76,534	141,333	79,068	79,068
Miscellaneous	1,258	2,719	3,738	3,738	31,437	92,143	101,308	171,393

<sup>1</sup> Halibut fleet. <sup>2</sup> Does not include fish received from Alaska or Canada. <sup>3</sup> Less than 500 pounds.

Source of tables 743, 744, and 745: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 746.—FISHERY PRODUCTS LANDED AT BOSTON AND GLOUCESTER, MASS., AND PORTLAND, MAINE, BY U. S. VESSELS: 1939 AND EARLIER YEARS

PORT AND CALENDAR YEAR	Total, all species	Cod	Haddock	Hake	Pollock	Cusk	Hallibut	Mackerel	Rosefish	Miscellaneous
Quantity in thousands of pounds										
All three ports:										
1928	277,982	59,302	155,331	8,423	8,040	2,358	3,385	24,253	106	16,784
1929	327,096	50,647	187,204	12,051	10,565	3,483	2,096	37,743	47	22,060
1930	350,801	66,616	189,371	15,618	13,080	4,433	2,581	33,513	85	24,604
1931	263,685	60,645	132,840	7,755	7,631	4,265	2,571	29,524	120	18,328
1932	252,334	59,551	120,117	7,745	7,850	3,069	2,560	38,096	57	13,493
1933	267,157	73,842	129,862	7,197	12,305	3,430	2,189	22,444	250	15,598
1934	311,278	90,619	134,674	7,178	21,312	3,932	1,838	30,547	1,841	19,287
1935	373,118	88,092	157,002	10,587	27,885	5,524	2,345	40,848	17,110	23,725
1936	414,292	81,380	143,881	11,937	34,407	7,270	2,198	28,670	60,502	37,957
1937	387,960	101,215	137,175	14,198	28,072	8,027	2,010	9,215	58,327	29,120
1938	400,611	93,705	134,877	12,264	32,246	5,765	1,578	20,937	64,704	34,535
1939	388,821	80,479	135,235	10,340	30,453	5,175	1,259	12,320	77,613	35,948
Boston:										
1937	324,600	35,884	129,921	9,725	10,857	5,566	1,938	7,485	41,175	26,058
1938	318,745	77,905	128,454	8,102	20,363	4,311	1,439	16,034	34,141	27,996
1939	295,353	72,109	120,223	6,141	19,693	3,847	1,232	8,723	29,319	25,007
Gloicester:										
1937	46,239	9,490	4,207	1,850	9,617	301	40	1,513	17,023	2,198
1938	63,009	10,406	3,767	1,733	8,980	221	102	4,706	29,408	3,677
1939	75,766	5,792	3,816	2,249	8,596	208	12	3,313	44,424	7,357
Portland:										
1937	17,121	5,841	3,047	2,622	2,198	2,170	32	210	129	865
1938	18,867	5,395	2,655	2,429	2,894	1,233	38	197	1,155	2,862
1939	17,702	2,578	2,196	1,951	2,165	1,119	16	284	3,871	3,524
Value in thousands and tenths of thousands of dollars										
All three ports:										
1928	10,849.1	2,198.7	5,030.5	221.7	174.4	62.7	609.0	1,355.9	1.7	1,188.5
1929	13,051.7	1,933.5	6,845.3	405.1	243.5	102.9	484.5	1,332.4	.8	1,003.7
1930	12,785.5	2,208.1	6,048.3	394.9	203.8	113.2	443.0	1,157.0	1.6	1,537.5
1931	9,249.3	1,758.4	4,434.4	173.0	113.7	83.2	375.9	1,225.7	1.2	1,078.8
1932	6,983.9	1,301.5	2,909.8	186.6	85.7	45.8	261.2	618.4	.5	727.4
1933	6,850.9	1,641.7	3,374.0	144.3	158.3	49.3	226.1	498.2	2.6	755.9
1934	8,261.3	2,324.1	3,753.7	188.0	329.4	78.4	217.7	562.5	18.8	798.7
1935	9,004.7	2,096.0	3,877.6	245.2	532.6	109.5	220.8	724.6	183.7	1,005.7
1936	11,122.2	2,293.8	4,460.7	321.6	695.4	168.5	220.6	783.6	963.6	1,251.3
1937	9,780.9	2,303.0	3,827.6	303.2	482.2	168.4	244.6	479.0	887.6	1,080.3
1938	8,956.5	2,020.1	3,917.5	255.2	413.6	114.5	187.7	592.3	786.0	1,269.6
1939	9,547.5	1,937.7	3,692.8	253.1	535.9	115.8	100.3	322.1	1,090.6	1,380.2
Boston:										
1937	8,468.0	1,926.2	3,651.2	220.6	310.5	114.9	236.7	377.3	641.0	980.5
1938	7,623.5	1,683.1	3,160.0	186.3	288.7	84.4	174.9	473.5	442.5	1,121.2
1939	8,007.4	1,784.0	3,532.5	177.0	358.7	85.0	167.0	262.7	459.1	1,201.6
Gloicester:										
1937	918.0	232.1	105.2	28.7	145.1	4.3	3.4	87.3	245.7	60.3
1938	972.0	219.4	80.5	25.7	97.6	2.9	7.5	113.5	330.1	94.7
1939	1,204.7	144.3	90.3	35.6	142.2	3.0	1.1	61.0	638.4	138.7
Portland:										
1937	403.9	144.7	91.2	53.0	26.5	49.2	4.5	8.5	.8	24.5
1938	361.1	117.6	68.0	43.3	27.4	27.2	5.2	5.3	13.4	53.7
1939	335.3	59.4	70.0	40.6	35.0	27.7	2.2	8.4	43.1	49.0

No. 747.—FISHERY PRODUCTS, CANNED, AND BY-PRODUCTS—VALUE, BY KIND, FOR UNITED STATES (INCLUDING ALASKA): 1932 TO 1939

NOTE.—In thousands of dollars. See also census statistics on fish canning, tables 723 and 830

PRODUCT	1932	1933	1934	1935	1936	1937	1938	1939
Total value	56,216	77,258	102,610	104,513	129,635	141,710	113,861	130,423
Salmon	26,460	36,242	45,818	32,475	50,061	52,934	42,366	41,731
California sardines	2,358	3,805	5,481	6,237	7,302	8,592	7,102	9,554
Maine and Massachusetts sardines	1,370	2,307	3,315	5,143	5,740	4,998	2,367	6,912
Tuna and tunalike fishes	6,183	6,934	10,010	12,824	14,715	18,996	15,184	20,800
Shrimp and crabs	2,676	3,623	4,595	4,840	4,942	7,315	5,113	5,010
Cann products	1,797	1,766	2,713	2,681	2,976	3,013	3,390	3,795
Oysters	1,008	1,076	1,871	2,045	2,181	2,840	1,831	2,431
Miscellaneous canned products	1,897	3,967	6,209	8,753	6,749	6,250	6,207	6,293
Fish—meal, scrap, and oil	3,799	6,502	12,473	18,860	23,025	23,912	20,966	23,618
Miscellaneous byproducts	8,667	10,956	10,125	10,660	11,944	12,861	9,595	10,347

Source of tables 746 and 747: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 748.—SALMON, CANNED—OUTPUT, BY KIND, FOR WASHINGTON, OREGON, AND ALASKA: 1939 AND EARLIER YEARS

[Quantity in thousands and tenths of thousands of 48-pound cases, value in thousands and tenths of thousands of dollars]

SPECIES	QUANTITY				VALUE			
	Total	Washington	Oregon	Alaska	Total	Washington	Oregon	Alaska
Total, all species:								
1932	15,909.0	412.3	1,242.2	5,254.5	20,460.1	2,632.2	2,112.0	21,715.9
1933	16,362.5	848.9	1,288.0	5,225.0	30,241.9	5,217.4	12,648.5	28,376.0
1934	8,383.0	596.1	305.1	7,481.8	45,517.9	5,293.1	2,912.8	37,612.0
1935	6,027.9	620.8	274.0	5,133.1	32,475.3	3,930.3	2,776.9	25,768.1
1936	8,965.2	270.7	256.9	8,437.6	50,061.1	2,396.6	2,912.9	44,751.6
1937	7,555.0	558.3	327.1	6,669.7	52,933.9	4,333.1	4,053.0	44,547.8
1938	7,279.7	208.7	264.0	6,807.0	42,365.8	2,545.3	3,183.6	36,636.9
1939	5,992.1	479.1	249.8	5,263.2	41,780.8	3,970.3	3,369.4	34,441.1
Coho or silver:								
1937	239.9	39.0	63.7	137.3	2,193.7	399.0	670.8	1,117.9
1938	299.6	13.5	63.8	222.3	2,161.3	123.1	878.9	1,399.3
1939	228.3	65.4	58.8	104.1	1,967.4	601.3	661.0	705.1
Chum or keta:								
1937	796.8	34.5	31.5	730.8	3,660.4	151.2	133.2	3,376.0
1938	845.4	25.1	33.5	786.8	3,064.5	95.3	125.8	2,843.4
1939	671.1	25.3	15.6	630.3	3,068.8	139.0	81.4	2,848.5
Humpback or pink:								
1937	3,054.2	328.8		3,025.4	19,639.7	1,590.3		18,049.5
1938	3,233.3	.4		3,232.9	12,484.1	2.4		12,481.7
1939	2,812.8	282.7		2,530.0	14,168.5	1,638.9		12,529.5
Chinook or king:								
1937	370.5	87.3	213.7	69.5	4,773.7	1,083.5	2,999.7	690.5
1938	214.9	30.0	141.1	43.8	2,775.9	404.8	2,042.5	328.6
1939	238.4	57.9	148.1	32.5	3,383.4	822.2	2,260.5	300.7
Blueback, red, or sockeye:								
1937	2,176.9	65.2	5.1	2,106.7	22,478.0	1,073.9	88.2	21,313.8
1938	2,071.4	138.2	11.9	2,521.2	21,707.7	1,903.8	220.2	19,533.8
1939	2,015.1	45.8	3.1	1,966.2	18,852.9	739.9	55.7	18,057.3
Steelhead:								
1937	16.7	3.5	13.2		190.5	35.3	155.2	
1938	15.3	1.6	13.6		172.2	15.0	156.2	
1939	26.4	2.1	24.3	(?)	339.9	28.0	310.9	(?)

<sup>1</sup> Includes figures for California.

<sup>2</sup> Less than 500.

No. 749.—FISHERY PRODUCTS OF ALASKA—QUANTITY AND VALUE, BY KIND: 1925 TO 1939

PRODUCT	Unit	QUANTITY IN THOUSANDS OF UNIT SPECIFIED					VALUE IN THOUSANDS OF DOLLARS				
		1925	1930	1935	1938	1939	1925	1930	1935	1938	1939
Total							40,039	37,679	31,231	42,870	40,104
Salmon:											
Canned	Case	4,460	5,033	5,133	6,807	5,263	31,990	29,696	25,768	36,637	34,441
Fresh and frozen	Pound	5,193	7,909	7,408	11,784	8,445	395	679	440	832	626
Cured, all forms	do	6,895	6,979	6,853	8,752	6,697	1,297	1,099	1,093	1,476	1,173
By-products	do	1,738	2,703	1,639	2,584	2,220	80	62	32	47	57
Halibut, fresh and frozen	do	10,972	31,557	9,308	13,556	13,454	884	2,991	603	890	894
Herring:											
Fresh and frozen <sup>1</sup>	do	7,087	9,377	5,999	6,144	5,294	39	107	52	62	50
Cured for food	do	35,171	8,765	10,582	2,796	3,462	2,323	499	851	149	208
By-products	do	34,806	50,002	53,660	66,114	69,015	1,490	1,531	1,471	1,842	1,832
Cod	do	2,854	322	143	289	306	129	17	7	16	17
Sablefish	do	1,043	449	555	377	1,626	45	21	23	28	33
Other fish, etc	do	142	454	285	723	360	10	25	6	116	106
Shrimp	do	520	514	384	436	438	207	211	129	168	165
Crabs	do	200	107	499	483	305	53	35	163	173	95
Clams—juice, etc	do	2,066	363	446	515	425	492	242	198	253	241
Whales:											
Oil	do	7,224	7,034	7,696	3,650	2,845	556	417	359	158	119
Fertilizer	do	2,444	2,840	2,678	1,224	1,002	57	57	31	21	17
All other	do	797	43			8	12	2			( <sup>2</sup> )

<sup>1</sup> Largely bait.

<sup>2</sup> Less than \$500.

Source of tables 748 and 749: Department of the Interior, Fish and Wildlife Service; annual bulletins.



NO. 750.—SALMON CANNED IN ALASKA—OUTPUT AND AVERAGE PRICE, BY KIND: 1911 TO 1939

YEARLY AVERAGE OR YEAR	Total value of pack (thousands of dollars)	OUTPUT, EQUIVALENT IN THOUSANDS OF CASES OF 48 1-POUND CANS					AVERAGE PRICE IN DOLLARS PER CASE OF 48 1-POUND CANS					
		Total	Coho or silver	Chum or keta	Hump-back or pink	King or spring	Red or sock-eye	Coho or silver	Chum or keta	Hump-back or pink	King or spring	Red or sock-eye
1911-1915	16,398	3,835	131	485	1,304	52	1,863	4.45	2.85	3.07	5.11	5.54
1916-1920	39,897	5,293	220	1,079	1,936	77	1,982	8.73	5.35	6.10	9.94	10.20
1921-1925	29,458	4,378	158	691	1,848	40	1,041	6.68	4.29	4.72	9.53	10.02
1926	46,080	6,653	203	902	3,338	52	2,157	8.40	5.01	5.30	10.37	9.89
1927	30,010	3,572	253	508	1,421	70	1,320	8.51	5.47	5.87	11.25	12.08
1928	45,384	6,084	299	996	2,787	54	1,948	7.12	6.06	6.50	11.13	9.41
1929	40,469	5,370	172	864	2,672	72	1,690	7.59	5.35	6.06	11.92	10.71
1930	29,695	5,032	332	600	3,189	60	851	8.26	3.60	4.17	13.32	12.57
1931	29,096	5,404	170	534	2,954	62	1,694	6.51	3.19	3.46	9.40	9.20
1932	21,716	5,254	148	821	2,113	70	2,103	4.12	2.79	3.14	5.46	5.61
1933	28,376	5,226	163	659	2,183	41	2,180	5.20	4.12	4.52	7.61	6.71
1934	37,012	7,432	236	741	3,824	53	2,628	5.23	3.65	4.10	6.85	6.72
1935	25,768	5,133	190	853	3,244	36	810	6.40	3.83	4.14	8.70	9.32
1936	44,752	8,438	222	1,101	4,560	52	2,503	6.51	3.38	3.94	7.95	8.38
1937	44,548	6,070	137	731	3,625	69	2,107	8.14	4.62	4.98	9.94	10.12
1938	36,637	6,807	222	787	3,233	44	2,521	6.29	3.01	3.86	7.50	7.77
1939	34,441	5,263	104	630	2,530	32	1,966	6.77	4.52	4.05	9.26	9.18

NO. 751.—FISH PROPAGATION—OUTPUT OF EGGS, FRY, AND FINGERLINGS, BY BUREAU OF FISHERIES, 1895 TO 1939, AND BY KIND, 1939

[All quantities in thousands]

YEAR ENDED JUNE 30—	Total	Eggs	Fry	Finger-lings	Cost per million <sup>1</sup>
1895	619,916	55,408	561,894	2,613	\$292.64
1900	1,164,337	88,682	1,070,757	4,898	250.00
1915	4,288,758	536,260	3,094,282	58,216	131.55
1920	4,770,356	630,749	3,872,218	267,388	130.11
1925	5,301,862	1,050,393	4,114,514	136,954	135.61
1930	7,570,482	2,553,481	4,766,831	250,170	120.50
1931	7,121,805	2,327,421	4,474,344	320,040	138.41
1932	7,073,935	2,808,231	4,117,085	148,619	141.90
1933	7,202,155	2,677,817	4,342,000	182,338	117.70
1934	3,258,131	2,169,766	961,997	126,368	176.40
1935	5,071,725	3,381,794	1,556,246	133,683	117.22
1936	8,171,201	5,421,627	2,588,962	160,611	79.55
1937	7,919,100	4,959,321	2,823,568	136,221	85.68
1938	8,121,132	5,912,680	2,089,367	119,185	106.88
1939	8,024,541	5,824,802	2,115,406	84,333	101.80

SPECIE	1939			SPECIE	1939		
	Eggs	Fry	Finger-lings		Eggs	Fry	Finger-lings
Catfish		10	418	Grayling	1,800	4,497	258
Buffalofish	78,682		1	Pike and pickerel	1,643		
Shad		39,323		Crappie			431
Whitefish	32,960	920		Black bass:			
Lake herring		3,000		Largemouth		3,788	8,669
Striped bass		1,798		Smallmouth		1,401	325
Chinook salmon	5,607	21,813	26,469	Kentucky bass		7	3
Chum salmon	1,369	7,595	375	Rock bass			122
Silver salmon			717	Warmouth bass			91
Sockeye salmon	75		2,344	Sunfish			8,788
Sockeye salmon, landlocked				Rio Grande perch			176
Steelhead trout	123		444	Pike perch	4,272	330,490	
Landlocked salmon	35		935	White perch		4,300	(?)
Rainbow trout	4,330	238	10,403	Yellow perch		800,666	17
Blackspotted trout	26,362	2,328	11,436	Mackerel		11,060	
Loch Leven trout	77		1,421	Cod	3,047,864	132,605	
Lake trout	276	1,637	104	Haddock	1,172,797	5,768	
Brook trout	5	1,411	10,308	Flatfish (flounder)		1,185,940	
Golden trout	6		71	Pollock	1,446,519	50,763	
				Lobster		4,049	

<sup>1</sup> 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.

<sup>2</sup> Less than 500.

Source of tables 750 and 751: Department of the Interior, Fish and Wildlife Service; annual bulletins and reports.

### 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, Puerto Rico, and, beginning Jan. 1, 1935, the Virgin Islands. Index numbers of mineral production are shown in table 829, p. 804]

#### No. 752. MINERAL PRODUCTS OF THE UNITED STATES—VALUE, FOR METALLIC AND NONMETALLIC: 1881 TO 1939

NOTE.—All figures in millions of dollars. See general note above

YEARLY AVERAGE OR YEAR	Total	Metallic	NONMETALLIC			YEAR	Total	Metallic	NONMETALLIC		
			Total	Fuels <sup>1</sup>	Other				Total	Fuels <sup>1</sup>	Other
1881-1885	426	194	232	171	61	1921	4,139	655	3,484	2,703	780
1886-1890	541	249	292	215	78	1922	4,647	988	3,659	2,738	921
1891-1895	592	245	347	248	90	1923	5,987	1,612	4,475	3,317	1,157
1896-1900	828	365	462	307	154	1924	5,306	1,233	4,072	2,899	1,174
1901-1905	1,392	578	814	546	267	1925	5,678	1,382	4,295	3,059	1,237
1906-1910	1,887	769	1,118	740	372	1926	6,214	1,405	4,808	3,542	1,266
1911-1915	2,220	821	1,400	967	433	1927	5,530	1,221	4,309	3,060	1,249
1916-1920	5,129	1,798	3,331	2,602	729	1928	5,885	1,288	4,097	2,885	1,212
1921-1925	5,151	1,154	3,997	2,943	1,054	1929	5,888	1,480	4,407	3,191	1,217
1926-1930	5,556	1,276	4,280	3,088	1,192	1930	5,705	986	3,779	2,765	1,015
1931-1935	3,032	511	2,521	1,977	544	1931	3,167	570	2,597	1,892	704
1913	2,434	879	1,554	1,088	467	1932	2,462	286	2,176	1,743	432
1914	2,111	687	1,424	993	431	1933	2,556	417	2,138	1,683	455
1915	2,395	993	1,401	973	420	1934	3,325	549	2,776	2,233	543
1916	3,508	1,622	1,886	1,333	554	1935	3,650	733	2,917	2,330	587
1917	4,992	2,080	2,904	2,238	666	1936	4,557	1,082	3,475	2,759	716
1918	5,541	2,157	3,384	2,736	648	1937	5,413	1,468	3,945	3,201	745
1919	4,624	1,361	3,263	2,511	752	1938	4,263	892	3,471	2,820	650
1920	6,981	1,764	5,218	4,193	1,025	1939 (prol.)	4,874	1,291	3,583	2,819	704

<sup>1</sup> Coal, natural gas, natural gasoline, petroleum.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

#### No. 753.—NONFERROUS METALS—YEARLY AVERAGE PRICES, BY KIND: 1896 TO 1939

[Prices are cents per pound, except quicksilver (dollars per flask<sup>1</sup>) and platinum (dollars per ounce)]

YEAR	Copper, electrolytic (New York)	Lead (New York)	Tin <sup>2</sup> (New York)	Zinc (St. Louis)	Aluminum <sup>3</sup> (New York)	Antimony (New York)	Quicksilver (New York)	Platinum (New York)
1896-1900	413.41	3.84	19.54	4.55	37.15	8.204	42.17	616.06
1901-1905	13.877	4.330	28.194	5.284	33.80	7.398	43.17	19.55
1906-1910	15.042	4.780	34.260	5.432	31.12	11.885	44.12	26.68
1911-1915	14.973	4.359	41.104	7.205	23.84	12.373	52.77	45.16
1916	27.202	6.858	43.480	12.034	60.71	25.370	125.49	83.40
1917	27.180	8.787	61.802	8.730	51.60	20.690	106.30	102.82
1918	24.628	7.413	( <sup>4</sup> )	7.890	33.53	12.581	127.47	105.95
1919	18.601	5.769	63.328	6.988	32.14	8.190	92.15	114.61
1920	17.456	7.957	49.101	7.071	32.72	8.485	81.12	110.90
1921	12.502	4.545	29.916	4.855	21.11	4.957	45.46	75.03
1922	13.382	5.734	32.554	5.716	18.08	5.471	58.95	97.62
1923	13.421	7.267	42.664	6.607	25.41	7.897	66.50	116.54
1924	13.024	8.097	50.176	6.344	27.03	10.836	69.76	118.82
1925	14.042	9.020	57.893	7.822	27.19	17.494	83.13	119.09
1926	13.705	8.417	65.285	7.337	26.99	15.988	91.90	113.27
1927	12.920	6.755	64.353	6.242	25.41	12.393	118.16	84.64
1928	14.570	6.305	50.427	6.027	23.00	10.305	123.51	78.58
1929	18.107	6.833	45.155	6.512	23.90	8.956	122.15	67.60
1930	12.982	5.517	31.694	4.556	23.79	7.667	115.01	45.36
1931	8.116	4.243	24.467	3.640	23.30	6.720	87.35	35.67
1932	5.555	3.180	22.017	2.876	23.30	5.592	57.93	36.46
1933	7.025	3.809	39.110	4.029	23.30	6.528	69.23	30.99
1934	8.428	3.800	52.191	4.168	21.68	8.001	73.87	36.47
1935	8.649	4.065	50.420	4.328	20.50	13.616	71.99	34.15
1936	9.474	4.710	46.441	4.901	20.50	12.240	70.92	42.93
1937	13.167	6.009	54.337	6.519	20.08	15.355	90.18	51.77
1938	10.000	4.739	42.301	4.610	20.00	12.349	75.47	35.00
1939	10.965	5.053	50.323	5.110	20.00	12.359	103.94	36.76

<sup>1</sup> Flasks of 75 pounds prior to 1927; 76 thereafter.

<sup>2</sup> 99 percent tin, 1896-1919; Straits tin thereafter.

<sup>3</sup> Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98-99 percent); beginning 1930, for 99 percent + virgin ingot.

<sup>4</sup> Prices 1896 to 1898 are for Lake copper.

<sup>5</sup> Data are for New York zinc.

<sup>6</sup> Average for 1899 and 1900 only.

<sup>7</sup> Average, 1903-5; average for New York zinc, 1901-5, 5.058 cents.

<sup>8</sup> Average of 11 months.

<sup>9</sup> No average computed.

Sources: Engineering and Mining Journal and The Mineral Industry; American Metal Market, annual report, for aluminum, 1909-39.

No. 754.—MINES AND QUARRIES—SUMMARY FOR PRODUCING AND  
NONPRODUCING ENTERPRISES: 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 enter- prises	Producing enterprises	NONPRODUCING ENTERPRISES	
			Number or amount	Percent of total
Number of enterprises (see source note).....	10,906	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	4,807	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.....	1,099,805	1,091,990	7,905	.7
Contract work.....do.....	17,914	17,056	857	4.8
Supplies.....do.....	297,554	293,588	3,966	1.3
Fuel.....do.....	49,364	49,146	218	.4
Purchased electric energy.....do.....	72,105	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. 755.—MINES AND QUARRIES, PRODUCING—SUMMARY: 1909 to 1929

	1909 <sup>1</sup>	1919 <sup>1</sup>	1929		PERCENT INCREASE OR DECREASE (—)	
			All indus- tries	Revised (for com- parative purposes) <sup>1</sup>	1909- 1919	1919- 1929
Number of enterprises.....	12,089	11,466	10,135	9,063	-5.2	-21.0
Number of mines and quarries.....	18,127	13,731	11,602	10,277	-24.3	-25.2
Persons engaged, total.....	982,328	952,565	863,948	841,652	-3.0	-11.6
Proprietors and firm members.....	13,703	7,605	4,897	4,620	-43.8	-39.8
Salaried employees.....	37,945	53,515	52,038	48,636	48.9	-13.9
Wage earners (average for the year).....	930,680	888,365	806,418	783,357	-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	123,008	151.4	8.8
Wages.....	559,548	1,161,415	1,091,990	1,063,608	107.6	-8.2
Contract work.....	12,151	10,717	17,056	16,595	-11.8	54.9
Supplies and materials.....	106,630	331,627	293,588	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

<sup>1</sup> The figures for 1909, 1919, and 1929 have been adjusted to make them comparable.

Source of tables 754 and 755: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Mines and Quarries. (For definition of enterprise, see p. 4 of report.)

## No. 756.—MINES AND QUARRIES, PRODUCING—SUMMARY, BY STATES: 1919 AND 1929

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	888,366	788,357	4,900,102	6,970,091	1,161,416	1,066,606	2,226,671	2,280,384
New England.....	334	347	7,218	7,979	62,725	96,422	8,038	11,500	18,723	27,929
Maine.....	51	56	979	1,170	6,277	12,073	1,052	1,577	1,823	3,468
New Hampshire.....	33	39	682	599	4,336	5,466	828	773	1,568	1,562
Vermont.....	109	129	2,936	3,154	28,099	30,906	3,042	4,153	8,555	10,276
Massachusetts.....	79	77	1,704	2,207	12,493	26,741	2,009	3,657	4,179	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	1,040	3,810
Middle Atlantic.....	3,757	2,402	324,242	282,913	1,733,094	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	9,809	11,100
Pennsylvania.....	3,508	2,129	314,332	275,138	1,638,050	2,143,828	434,999	401,688	763,179	683,531
East North Central.....	2,324	1,823	181,739	115,863	953,714	1,141,215	227,541	154,018	401,132	318,842
Ohio.....	1,094	744	44,175	25,500	184,271	182,003	51,767	29,117	89,035	51,757
Indiana.....	1,008	375	26,348	15,968	121,904	156,645	29,717	22,349	50,236	44,297
Illinois.....	690	486	76,371	62,164	282,801	398,602	90,901	71,828	147,410	124,772
Michigan.....	165	117	31,292	19,745	337,882	355,897	50,406	27,220	103,870	87,819
Wisconsin.....	107	104	3,547	2,517	20,760	49,153	4,750	3,545	10,581	10,401
West North Central.....	1,970	1,166	55,948	40,634	330,264	499,585	74,051	64,231	211,597	320,161
Minnesota.....	106	143	17,265	11,370	144,199	198,182	29,383	17,767	130,399	204,350
Iowa.....	220	207	11,274	6,766	32,166	38,945	12,466	8,806	18,474	14,648
Missouri.....	404	401	14,857	12,793	100,070	147,098	16,777	15,688	33,363	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	1,005	166	182	293	460
Kansas.....	238	257	9,831	7,061	38,101	67,695	12,333	8,104	21,823	20,688
South Atlantic.....	1,978	1,481	117,406	130,236	510,985	671,549	136,880	156,870	252,555	288,757
Delaware and Dist. of Col.										
Delaware.....	11	6	128	104	757	901	144	120	259	208
Maryland.....	161	119	5,628	3,937	18,660	23,967	6,152	4,125	9,609	7,241
Virginia.....	216	196	14,547	15,015	57,830	107,316	16,108	14,554	29,363	28,706
West Virginia.....	1,325	870	88,510	101,085	366,028	664,530	107,162	128,418	166,638	222,317
North Carolina.....	106	123	1,890	2,436	5,039	20,348	1,480	2,193	2,737	5,631
South Carolina.....	109	35	933	1,298	4,050	18,470	680	930	1,351	3,003
Georgia.....	82	81	2,397	3,005	12,905	34,386	2,017	2,898	4,682	9,489
Florida.....	56	65	3,372	3,061	44,969	106,384	3,108	3,046	8,976	13,525
E. South Central and W. South Central										
Kentucky.....	1,970	1,491	109,793	120,698	481,636	839,583	122,187	127,551	225,570	263,629
Tennessee.....	804	617	41,444	37,560	135,069	310,064	46,905	32,442	75,157	102,662
Alabama.....	203	167	14,470	11,441	50,676	73,772	12,987	10,333	23,202	22,050
Arkansas.....	348	242	32,579	31,674	145,775	265,669	36,230	30,693	59,866	53,363
Oklahoma.....	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	409	100	8,001	220
Oklahoma.....	284	245	12,734	10,047	94,939	98,481	16,060	13,318	34,430	31,660
Texas.....	81	104	4,655	5,100	21,514	60,394	4,989	6,151	17,041	44,334
Mountain.....	1,598	1,094	79,234	78,898	700,398	680,410	127,506	132,711	299,454	397,805
Montana.....	269	169	16,091	14,575	143,473	201,749	25,666	25,718	49,666	64,774
Idaho.....	83	65	2,456	4,226	31,059	67,295	4,202	7,420	11,840	20,740
Wyoming.....	87	73	7,532	5,282	49,864	60,855	11,090	9,604	19,909	18,817
Colorado.....	523	333	16,710	14,493	114,448	116,692	25,293	22,267	51,063	41,205
New Mexico.....	103	89	7,100	6,986	59,876	90,961	10,494	10,113	18,873	27,142
Arizona.....	172	134	16,298	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	72,916	7,401	8,104	18,054	20,496
Pacific.....	502	473	12,790	11,136	137,386	156,329	17,840	17,122	39,986	45,278
Washington.....	93	90	5,050	3,652	37,998	39,321	7,406	5,796	13,320	12,271
Oregon.....	52	44	740	635	6,264	7,249	993	968	1,886	2,410
California.....	357	340	7,000	6,850	93,124	110,019	9,381	10,322	24,782	30,639

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Mines and Quarries.

NO. 757.—MINES AND QUARRIES, PRODUCING—SUMMARY, BY INDUSTRIES:  
1919 AND 1929

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	13,791	10,277	688,366	768,367	4,900,102	4,970,091	1,161,416	1,066,606	3,228,871	2,280,384
<b>Coal:</b>										
Anthracite	421	303	147,372	142,801	899,783	1,041,465	210,289	229,067	304,084	384,854
Bituminous	8,282	5,620	545,798	455,732	2,155,065	3,124,187	682,601	674,800	1,145,978	966,694
<b>Metals:</b>										
Copper	226	180	43,717	44,502	522,426	701,791	66,390	73,200	181,258	283,517
Iron ore	409	208	45,741	28,516	370,850	498,821	75,713	40,605	218,218	197,335
Lead and zinc	473	375	21,884	26,907	229,401	357,737	30,708	39,102	76,570	112,428
Gold and silver, lode mines	700	258	15,436	7,946	149,100	98,772	23,818	12,982	58,832	26,107
Gold placermine	132	37	1,360	578	35,032	20,280	1,014	970	9,369	3,779
Mercury	26	40	748	1,029	2,607	5,625	828	1,354	1,803	2,820
Manganese	37	21	909	354	5,800	2,342	1,036	302	2,188	1,185
<b>Stone:</b>										
Limestone	925	1,256	2,069	32,300	213,717	535,406	23,026	39,188	52,044	117,258
Granite	381	434	3,040	10,037	55,614	108,217	8,588	12,640	18,279	30,381
Basalt	174	144	3,336	3,063	37,307	63,881	3,991	4,498	9,668	15,544
Slate	104	130	3,513	4,098	20,613	33,817	3,128	4,884	5,721	10,486
Marble	62	88	1,732	3,350	15,628	30,198	1,452	3,292	4,398	7,539
Sandstone	276	172	4,287	2,156	33,899	28,935	4,449	2,626	10,685	6,312
Miscellaneous	( <sup>1</sup> )	234	( <sup>2</sup> )	1,841	( <sup>3</sup> )	28,627	( <sup>4</sup> )	2,406	( <sup>5</sup> )	8,475
<b>Miscellaneous:</b>										
Abrasive materials	34	36	317	462	1,748	3,878	322	401	722	1,411
Asbestos	11	11	146	195	420	2,114	02	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	3,020	6,066	769	648	1,592	1,801
Clay	360	230	5,463	4,139	21,203	31,877	5,367	3,758	10,086	10,753
Feldspar	32	58	340	598	1,782	6,543	264	527	684	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	490	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	37	30	1,371	1,244	6,051	13,469	1,690	1,507	3,916	6,650
Phosphate rock	69	33	4,373	3,201	49,039	104,146	3,001	3,304	10,300	13,044
Silica	29	73	166	1,433	2,032	11,771	166	1,677	372	4,645
Sulphur and pyrites	22	10	2,301	2,199	22,620	33,932	3,067	3,483	20,345	37,126
Talc and soapstone	30	28	958	650	7,053	10,530	835	615	2,302	2,088
Miscellaneous minerals	47	19	604	305	8,040	3,978	516	301	1,350	3,503
Sand, glass		32		1,030		13,215		1,314		5,359
Sand, molding		128		1,037		14,792		1,291		4,776
Sand and gravel		1,165		15,994		516,745		22,780		102,312

<sup>1</sup> 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.

<sup>2</sup> Distributed among other stones.

<sup>3</sup> Emery, garnet and industrial sapphires and diamonds; grinding pebbles and tube-mill lining; grindstones, oilstones, whetstones, scythesstones, and rubbing stones; pumice and volcanic ash (pumicite).

<sup>4</sup> Bauxite, molybdenum, titanium, tungsten, and vanadium.

<sup>5</sup> Diatomaceous earth, ganister, quartz, quartzite, silica rock, silica sand, siliceous mica schist, tripoli.

<sup>6</sup> Borates, cyanite, graphite, lithium minerals (amblygonite, lepidolite, and spodumene), mineral pigments, tantalum, vermiculite.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Mines and Quarries.

## No. 758.—MINERAL INDUSTRIES—SUMMARY FOR SPECIFIED INDUSTRIES: 1935

NOTE.—The following data, based on information furnished by mine, quarry, and other operators, were collected as part of the general Census of Business for the year 1935. Figures cover continental United States, except those for gold, silver, lead, copper, and zinc, which include Alaska

[All money figures in thousands of dollars]

	Number of mines and quarries	Value of products <sup>1</sup>	EXPENDITURES				SALARIED EMPLOYEES <sup>2</sup>		WAGE EARNERS	
			Total	Supplies and materials <sup>3</sup>	Fuel	Purchased electric power	Number	Salaries	Number <sup>4</sup>	Wages
<b>Metals:</b>										
Bauxite <sup>5</sup> .....	11	1,546	358	213	106	39	77	131	559	330
Gold, silver, lead, copper, and zinc.....	12,000	222,408	57,891	43,004	4,015	9,282	5,019	10,453	60,410	64,008
Iron ore <sup>6</sup> .....	199	76,734	10,872	6,847	1,569	2,626	1,367	3,020	14,873	14,624
Mercury.....	43	930	330	227	82	21	100	87	461	385
<b>Nonmetals:</b>										
Abrasive stones.....	16	465	138	113	11	15	13	17	209	168
Asbestos.....	7	261	91	70	2	19	14	36	35	78
Asphalt, native, and bitumens.....	19	2,149	508	441	46	21	91	238	356	328
Barite.....	( <sup>7</sup> )	1,251	408	316	38	54	42	90	482	326
Basalt <sup>8</sup> .....	270	10,855	3,659	2,676	450	533	570	1,027	3,147	2,841
Clay.....	219	7,056	2,018	1,362	273	383	392	737	3,687	2,097
<b>Coal:</b>										
Anthracite, Pennsylvania.....	350	210,351	38,535	27,140	4,197	7,197	5,302	11,117	92,438	120,102
Bituminous.....	6,311	658,475	103,581	73,705	4,798	25,080	16,916	32,531	435,420	402,677
Feldspar, crude.....	51	772	157	124	23	9	51	84	545	413
Feldspar, ground.....	27	2,670	490	363	26	120	112	251	411	320
Fluorspar <sup>9</sup> .....	1078	1,644	423	316	91	17	82	104	927	568
Fuller's earth.....	19	2,287	478	159	240	80	91	243	783	498
Granite <sup>10</sup> .....	404	13,491	3,024	2,085	277	632	577	1,206	5,940	4,972
Gypsum <sup>11</sup> .....	58	18,820	4,209	3,199	008	402	369	709	2,928	2,795
Limestone <sup>12</sup> .....	1,024	55,544	20,474	13,431	3,610	3,433	3,482	6,273	29,681	21,585
Marble <sup>13</sup> .....	33	2,169	820	569	50	202	239	388	2,088	1,413
Mica.....	( <sup>7</sup> )	279	96	72	6	18	27	32	250	134
Natural gas.....	11,700	429,374	9,950	7,495	2,288	167	2,780	3,601	7,288	7,280
Natural gasoline.....	11,715	70,940	12,571	9,470	2,620	481	1,052	2,105	7,997	10,567
Petroleum.....	11,340,900	961,440	103,040	82,051	14,684	6,305	7,938	14,736	93,450	126,703
Phosphate rock.....	( <sup>7</sup> )	11,423	2,981	1,520	740	721	274	650	2,638	1,807
Potash.....	4	4,240	1,587	793	745	40	231	004	1,271	1,796
Pumice.....	22	246	30	18	10	1	12	14	77	65
Salt.....	63	128,906	6,614	3,787	2,224	603	694	1,746	4,824	5,070
Sand and gravel.....	1,798	53,701	11,949	8,207	1,838	1,903	2,086	3,821	8,566	8,340
Sandstone <sup>14</sup> .....	289	4,365	1,524	1,192	121	211	224	376	2,278	1,595
Silica.....	( <sup>7</sup> )	1,865	366	179	35	162	46	115	205	217
Slate <sup>15</sup> .....	117	3,526	929	603	91	235	190	301	1,898	1,517
Talc and ground soapstone.....	20	1,804	342	233	16	93	67	157	534	387
Tripoli.....	9	374	132	104	20	8	16	32	116	93
Other industries <sup>16</sup> .....	413	10,683	4,942	3,659	629	654	541	1,346	3,819	4,004

<sup>1</sup> The figures noted include the value of work or services.

<sup>2</sup> Includes salaried officers, technical and supervisory employees, and all others on salaries, except employees at central administrative offices not connected with mine or plant.

<sup>3</sup> Includes cost of lumber or timber, iron and steel materials, explosives and oil used directly or sold to employees, water for boilers, machinery supplies, and all other supplies and materials necessary to maintain and operate the mine or plant.

<sup>4</sup> Determined by averaging the total number reported on pay rolls the 15th of each month.

<sup>5</sup> For the industries noted, data are included for beneficiating plants, finishing plants, or mills operated in connection with the mine or plant; in such cases, the value of their product is included and not the value of the product of the mine or quarry.

<sup>6</sup> Not available.

<sup>7</sup> Average including shut-down periods.

<sup>8</sup> The value of most of the crude feldspar is duplicated in the value of the ground product.

<sup>9</sup> Number of grinding mills; some of these are operated in connection with the feldspar mines.

<sup>10</sup> In addition, fluorspar was produced at an undetermined number of prospects and reclaimed from mill ponds, waste dumps, and old workings of abandoned mines. Data for these operations are included in the other figures given.

<sup>11</sup> Data for natural gas and petroleum cover number of wells; for natural gasoline, number of plants.

<sup>12</sup> Value at points of consumption; the value at wells amounted to \$110,402,000.

<sup>13</sup> Not including 625 salaried employees at central offices with salaries amounting to \$1,752,000.

<sup>14</sup> Boron, bromine and iodine, diatomite, emery, garnet, greensand marl, magnesite, magnesium salts, manganese, molybdenum, natural sodium compounds, miscellaneous stone, and vermiculite.

Source: Dept. of Commerce, Bur. of the Census, in cooperation with Dept. of the Interior, Bur. of Mines; mimeographed reports of Census of Business, 1935.

**No. 759.—MINES AND QUARRIES, PRODUCING—ESTABLISHMENTS CLASSIFIED BY NUMBER OF WAGE EARNERS, BY PRINCIPAL INDUSTRIES: 1929**

INDUSTRY AND WAGE EARNERS PER ENTERPRISE	Number of enterprises	Number of mines and quarries	WAGE EARNERS		INDUSTRY AND WAGE EARNERS PER ENTERPRISE	Number of enterprises	Number of mines and quarries	WAGE EARNERS	
			Average for year	Percent				Average for year	Percent
<b>All industries<sup>1</sup></b> .....	10,099	11,666	806,418	100.0	<b>Copper—Continued.</b>				
Not reported.....	31	34			6 to 20.....	40	41	496	1.1
1 to 5.....	2,742	2,799	8,194	1.0	21 to 50.....	14	17	398	.9
6 to 20.....	3,004	3,217	34,078	4.2	51 to 100.....	12	13	877	2.0
21 to 50.....	1,011	1,795	58,188	6.6	101 to 250.....	11	13	1,869	4.2
51 to 100.....	1,065	1,201	76,362	9.5	251 to 500.....	10	15	3,393	7.6
101 to 250.....	958	1,207	158,623	19.7	501 to 1,000.....	7	9	5,096	11.5
251 to 500.....	416	607	148,883	18.1	1,001 to 2,500.....	11	13		
501 to 1,000.....	169	274	110,931	13.8	2,501 and over.....	3	24	32,279	72.5
1,001 to 2,500.....	60	188	87,279	10.8	<b>Limestone</b> .....	1,165	1,254	32,300	100.0
2,501 and over.....	23	184	131,884	16.3	1 to 5.....	283	286	897	2.8
<b>Anthracite</b> .....	198	303	142,801	100.0	6 to 20.....	438	405	5,400	16.7
1 to 5.....	31	31	85	.1	21 to 50.....	288	312	9,313	28.8
6 to 20.....	20	21	221	.2	51 to 100.....	107	110	7,436	23.0
21 to 50.....	17	18	1,113	.8	101 to 250.....	41	58	6,398	10.8
51 to 100.....	17	19	5,052	3.5	251 to 500.....	6	2		
101 to 250.....	32	34	6,983	4.9	501 to 1,000.....	2	8	2,856	8.9
251 to 500.....	19	19	29,291	16.3	<b>Iron ore</b> .....	180	208	28,518	100.0
501 to 1,000.....	34	36	17,255	12.1	1 to 5.....	7	7	20	.1
1,001 to 2,500.....	11	24	88,091	61.6	6 to 20.....	13	13	153	.5
2,501 and over.....	13	99			21 to 50.....	29	32	949	3.3
<b>Bituminous coal</b> .....	4,976	5,620	458,732	100.0	51 to 100.....	45	46	3,452	12.1
1 to 5.....	1,384	1,384	3,979	.9	101 to 250.....	59	78	9,663	33.9
6 to 20.....	1,079	1,223	12,816	2.7	251 to 500.....	16	20	5,262	18.5
21 to 50.....	676	720	23,169	5.1	501 to 1,000.....	10	11		
51 to 100.....	619	692	45,624	9.9	1,001 to 2,500.....	1	3	9,017	31.6
101 to 250.....	708	830	114,505	25.0	<b>Sand and gravel</b> .....	957	1,165	15,994	100.0
251 to 500.....	334	472	116,890	26.4	1 to 5.....	293	292	976	6.1
501 to 1,000.....	105	106	67,093	14.6	6 to 20.....	485	561	5,216	32.6
1,001 to 2,500.....	34	142	47,404	10.3	21 to 50.....	160	214	4,964	31.0
2,501 and over.....	7	61	27,762	6.1	51 to 100.....	31	40	2,175	13.6
<b>Copper</b> .....	143	180	44,602	100.0	101 to 250.....	17	48	2,663	16.7
Not reported.....	2	2			251 to 500.....	1	1		
1 to 5.....	33	33	104	.2					

<sup>1</sup> Exclusive of 36 enterprises operating 36 mines which employed no wage earners.

**No. 760.—MINES AND QUARRIES, PRODUCING—HOURS OF LABOR, BY INDUSTRIES: 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
<b>All industries</b> .....	792,395	51,023	5,784	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.....	31,678	118	(x)	460	807	4,662	26,052	999
Iron ore.....	28,516			484	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	5,882	102
Granite.....	9,806	44	97	595	4,239	2,326	2,605	
Gold, lode.....	5,079	(x)				1,071	3,108	(x)
Gold, placer.....	534	(x)				39	495	
Clay.....	4,139	78	(x)	98	281	744	2,021	(x)
Slate.....	4,027	191		(x)	825	52	2,659	(x)
Marble.....	3,303	(x)	(x)		217	94	2,897	(x)
Basalt.....	3,010			187	(x)	406	2,392	91
Silver.....	2,451	(x)				80	2,551	(x)
Sandstone.....	2,068	(x)		187	344	399	1,173	(x)
Stone, miscellaneous.....	1,669		(x)		74	381	892	222
Other industries.....	20,468	128	1	109	933	5,001	13,000	681

<sup>1</sup> Number of hours not reported.

Source of tables 759 and 760: Dept. of Commerce, Bur. of Census; 15th Census Reports, Mines and Quarries.

## No. 761.—MINERAL PRODUCTION, BY STATES AND FOR ALASKA: 1932 TO 1938

NOTE.—The sum of the State totals in the table below does not agree with the total for the United States given in tables 752 and 753 chiefly because of the following reasons: (1) Figures for certain of the products included in the United States total are not available by States of origin; (2) the use of iron ore values in State totals and pig iron values in United States total; (3) the use of mine figures for gold, silver, copper, lead, and zinc in the State totals and mint and smelter figures in the United States total; and (4) the inclusion of estimates in the United States total for a few products for which no canvass has been conducted for many years and for which no estimate by States is made

[Values in thousands of dollars]

DIVISION AND STATE	1932	1933	1934	1935	1936	1937	1938 (prel.)
<b>Continental U. S.</b>	<b>2,286,505</b>	<b>2,322,161</b>	<b>3,034,572</b>	<b>3,262,771</b>	<b>3,965,810</b>	<b>4,072,594</b>	<b>3,906,840</b>
<b>New England</b>	<b>21,383</b>	<b>16,698</b>	<b>17,281</b>	<b>17,228</b>	<b>22,637</b>	<b>24,757</b>	<b>21,772</b>
Maine.....	9,174	2,494	2,352	2,550	3,423	4,120	3,549
New Hampshire.....	1,352	1,467	1,149	694	1,182	1,220	1,147
Vermont.....	6,401	5,793	4,553	5,097	6,225	7,043	6,440
Massachusetts.....	8,039	4,817	6,165	5,050	7,559	7,813	6,606
Rhode Island.....	1,501	387	485	571	929	893	912
Connecticut.....	1,911	1,551	2,270	2,056	3,317	3,690	3,000
<b>Middle Atlantic</b>	<b>497,983</b>	<b>497,367</b>	<b>626,568</b>	<b>607,499</b>	<b>695,528</b>	<b>708,951</b>	<b>570,399</b>
New York.....	50,170	42,940	54,626	58,409	71,048	77,666	73,217
New Jersey.....	23,073	22,580	25,010	28,516	24,421	31,408	24,409
Pennsylvania.....	424,734	421,847	546,933	520,570	599,457	599,817	472,773
<b>East North Central</b>	<b>286,420</b>	<b>261,371</b>	<b>317,719</b>	<b>354,097</b>	<b>408,808</b>	<b>453,757</b>	<b>374,877</b>
Ohio.....	37,007	91,143	117,505	126,134	122,684	131,025	104,813
Indiana.....	34,033	34,011	33,417	42,513	52,282	54,887	47,892
Illinois.....	71,693	74,837	89,214	96,484	117,916	133,438	130,155
Michigan.....	34,714	54,223	61,831	77,140	100,646	119,168	81,381
Wisconsin.....	7,414	7,184	9,752	11,818	13,278	15,240	10,687
<b>West North Central</b>	<b>183,564</b>	<b>165,557</b>	<b>206,240</b>	<b>239,712</b>	<b>315,938</b>	<b>417,055</b>	<b>275,721</b>
Minnesota.....	12,273	42,472	48,328	57,818	94,569	152,107	51,425
Iowa.....	18,523	15,155	19,326	21,710	28,359	26,941	24,704
Missouri.....	29,245	30,588	32,955	35,800	41,351	52,446	39,561
North Dakota.....	2,388	2,961	2,550	2,544	2,902	2,873	2,653
South Dakota.....	11,118	14,659	10,173	22,210	23,222	23,473	23,583
Nebraska.....	1,548	2,047	2,791	3,229	3,844	4,438	4,028
Kansas.....	58,471	57,975	51,118	90,906	121,090	154,376	129,675
<b>South Atlantic</b>	<b>200,938</b>	<b>219,898</b>	<b>306,790</b>	<b>318,939</b>	<b>359,064</b>	<b>405,744</b>	<b>351,451</b>
Delaware.....	300	135	272	307	444	320	321
Maryland.....	7,234	7,015	10,128	10,030	11,158	10,635	9,408
District of Columbia.....	1,810	423	407	479	548	523	568
Virginia.....	10,927	18,846	28,300	30,423	37,295	46,010	42,370
West Virginia.....	156,643	172,727	241,474	245,402	271,502	306,591	254,995
North Carolina.....	2,466	3,365	5,342	6,775	9,956	11,160	14,959
South Carolina.....	951	1,014	1,323	1,843	3,433	4,022	4,364
Georgia.....	7,490	7,529	7,980	9,804	11,767	12,584	11,598
Florida.....	7,108	8,844	11,548	11,447	12,973	13,812	12,887
<b>East South Central</b>	<b>95,527</b>	<b>108,379</b>	<b>144,915</b>	<b>159,094</b>	<b>193,156</b>	<b>220,658</b>	<b>190,889</b>
Kentucky.....	59,076	65,536	89,042	98,485	113,435	127,424	106,655
Tennessee.....	14,562	16,785	23,526	25,743	31,122	34,894	32,429
Alabama.....	10,170	23,291	29,827	31,772	44,775	53,519	46,296
Mississippi.....	2,719	2,766	2,521	3,093	3,846	4,822	5,210
<b>West South Central</b>	<b>651,900</b>	<b>605,728</b>	<b>848,022</b>	<b>904,923</b>	<b>1,118,490</b>	<b>1,388,432</b>	<b>1,214,709</b>
Arkansas.....	15,540	12,710	16,082	17,609	21,297	25,578	29,395
Louisiana.....	61,097	54,836	85,211	107,545	153,358	182,119	172,307
Oklahoma.....	185,121	172,561	237,209	251,701	305,192	367,444	272,860
Texas.....	390,141	365,571	509,521	528,069	638,443	813,291	740,147
<b>Mountain</b>	<b>146,301</b>	<b>160,938</b>	<b>218,624</b>	<b>233,815</b>	<b>338,628</b>	<b>543,091</b>	<b>388,668</b>
Montana.....	19,023	21,602	31,430	52,097	65,560	82,087	48,603
Idaho.....	9,478	12,429	16,708	21,364	29,966	40,633	31,739
Wyoming.....	27,343	22,025	27,640	30,070	34,493	41,088	37,364
Colorado.....	25,800	27,250	39,473	44,413	56,215	67,339	60,389
New Mexico.....	20,264	23,355	30,079	33,502	45,942	72,856	63,569
Arizona.....	15,204	12,571	26,063	38,348	60,533	94,564	60,756
Utah.....	22,620	24,180	32,527	41,933	61,209	105,652	59,236
Nevada.....	6,568	7,455	14,703	20,988	32,693	38,872	27,031
<b>Pacific</b>	<b>302,489</b>	<b>305,927</b>	<b>348,412</b>	<b>379,483</b>	<b>467,668</b>	<b>510,149</b>	<b>518,662</b>
Washington.....	12,317	9,388	12,945	13,688	22,921	26,658	21,167
Oregon.....	2,989	3,506	4,211	5,596	7,081	6,610	7,536
California.....	286,683	293,035	331,256	360,179	437,566	476,881	489,949
<b>Alaska</b>	<b>11,526</b>	<b>12,681</b>	<b>19,579</b>	<b>18,812</b>	<b>23,738</b>	<b>27,928</b>	<b>27,664</b>

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.



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 1939 are preliminary. Total values of metallic and nonmetallic products include figures which the Bureau of Mines is not at liberty to publish and estimated figures for certain products for which data are not available. In some cases, neither quantity nor value can be shown and those products are not listed here but data for them are included in totals. On the other hand, values for certain products, such as coke, are excluded from the totals to eliminate duplication, since the values of the products derived therefrom, or of raw materials used, are accounted for under other items. Short tons are 2,000 pounds; long tons, 2,240 pounds

PRODUCT	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1920	1925	1930	1935	1938	1939	1920	1925	1930	1935	1938	1939
<b>METALLIC</b>												
Aluminum.....1,000 pounds.....	138,042	140,116	229,037	119,295	286,882	327,090	41,375	36,430	50,961	22,070	56,659	64,600
Antimonial lead.....short tons.....	12,535	19,667	13,711	16,384	124,123	121,995	1,963	3,786	1,393	(1)	(1)	(1)
Antimony, metal.....do.....	2,785	2,624	2,168	2,134	(3)	(3)	1,473	2,918	258	(3)	(3)	(3)
Antimony, ore and concentrates.....do.....		123		3,616		3,174		4,819		(3)	62	37
Bauxite.....long tons.....	521,308	316,540	330,612	283,912	311,354	375,301	3,247	1,988	1,928	1,557	1,813	2,166
Cadmium.....pounds.....	129,283	502,324	2,777,762	3,477,091	3,753,323	4,141,242	151	151	1,778	(3)	2,815	2,236
Chromite.....long tons.....	2,502	103	80	515	812	3,614	45	2	2	6	11	47
Copper, sales value.....1,000 pounds.....	1,209,061	1,674,870	1,394,889	762,587	1,124,657	1,425,249	222,467	237,832	181,271	63,295	110,216	148,236
Ferro-alloys.....long tons.....	612,808	616,222	650,240	592,176	464,112	841,162	77,519	53,048	51,900	48,892	42,460	76,157
Gold.....1,000 troy ounces.....	2,476	2,412	2,286	3,609	5,090	5,611	51,187	49,860	47,248	126,325	178,143	196,391
Iron, ore.....1,000 long tons.....	69,281	63,925	55,201	33,426	26,431	54,821	428,006	160,797	145,619	43,035	474,322	158,511
Iron, pig.....do.....	35,710	36,815	29,905	21,178	18,202	32,091	1,140,904	739,316	512,165	358,145	356,875	626,825
Lead (refined), sales value.....short tons.....	476,849	654,921	573,740	310,505	331,964	420,967	76,296	113,956	57,374	24,840	30,541	39,571
Magnesium (new ingot).....pounds.....	(3)	(3)	559,631	4,241,218	4,819,617	10,650,121	(3)	(3)	269	(3)	(3)	(3)
Manganese ore (35% or more Mn.).....long tons.....	94,420	98,324	67,035	26,428	25,321	29,307	2,396	1,858	1,437	557	682	795
Manganiferous ore (5 to 35% Mn.).....do.....	767,664	1,448,054	785,390	524,184	308,860	709,247	2,438	3,752	2,402	1,323	858	2,148
Mercury, metal.....flasks (76 pounds net).....	13,216	9,053	21,553	17,518	17,991	18,633	1,067	763	2,479	1,261	1,358	1,937
Mercury ore.....short tons.....	109,000	65,000	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Molybdenum.....1,000 pounds.....	35	1,154	3,759	10,892	25,727	32,415	17	961	2,068	7,261	17,977	22,157
Nickel.....short tons.....	365	272	308	160	416	394	293	170	214	130	(3)	(3)
Ores (crude), old tailings, etc.:												
Copper.....1,000 short tons.....	36,765	53,262	47,382	19,103	37,871							
Lead-copper, zinc-copper, zinc-lead-copper.....do.....	27	229	246	1	34							
Dry and siliceous (gold and silver).....do.....	8,590	8,995	7,767	14,016	18,038							
Lead.....do.....	7,200	8,560	8,080	3,494	4,103	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Zinc-lead.....do.....	12,383	17,741	10,645	7,471	8,944							
Zinc.....do.....	2,651	3,411	5,980	7,944	7,873							
Platinum, etc., value, N. Y. C.....troy ounces.....	41,544	49,643	43,502	42,060	36,213	41,441	4,698	5,662	2,049	1,414	1,263	1,566
Selenium.....pounds.....	92,141	194,007	278,309	232,831	166,494	345,726	176	351	455	(3)	(3)	(3)
Silver.....1,000 troy ounces.....	55,362	66,155	50,748	45,924	62,665	65,120	60,802	45,912	19,538	33,008	40,511	44,202
Tantalum ore.....pounds.....	4,000		5,100	7,681	36,189	340	1		3	5	35	(3)
Tellurium.....do.....	(3)	(3)	4,717	22,610	26,944	63,431	(3)	(3)	8	(3)	(3)	(3)

Tin (metallic equivalent).....	22	14	17	59	106	38	22	16	10	50	90	38
Titanium ore (ilmenite).....	268	5,566	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	89	( <sup>5</sup> )	89	( <sup>5</sup> )	( <sup>5</sup> )
Titanium ore (rutile).....	277	46	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	11	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Tungsten ore (60 percent concentrates).....	216	1,191	702	2,395	3,044	4,287	102	756	509	1,921	3,161	4,402
Uranium and vanadium ores.....	35,076	13,070	( <sup>5</sup> )	( <sup>5</sup> )	251,687	279,354	2,401	331	( <sup>5</sup> )	( <sup>5</sup> )	899	1,054
Zinc, <sup>8</sup> sales value.....	450,045	555,631	489,361	412,184	436,007	491,058	72,907	84,456	46,979	36,272	41,857	51,070
<b>Total metallic products (approximate)</b> .....							<b>1,763,675</b>	<b>1,382,155</b>	<b>985,790</b>	<b>733,130</b>	<b>892,400</b>	<b>1,291,000</b>
NONMETALLIC												
Arsenious oxide..... short tons.....	11,502	12,317	17,425	12,670	13,160	22,439	2,021	1,199	1,008	497	393	496
Asbestos..... do.....	1,643	1,258	4,242	8,920	10,440	15,459	678	52	289	293	247	513
Asphalt, native..... do.....	893,993	584,850	702,777	349,938	477,741	459,848	13,199	4,148	4,463	2,201	2,875	3,067
Asphalt, oil (including road oil)..... do.....		1,206,700	2,167,068	2,715,104	4,249,226	4,860,540		<sup>4</sup> 15,306	<sup>4</sup> 20,851	<sup>4</sup> 24,112	<sup>4</sup> 34,573	<sup>4</sup> 36,039
Barite (crude)..... do.....	228,113	228,063	234,932	225,111	309,663	383,609	2,142	1,703	1,538	1,251	2,005	2,344
Borates..... do.....	120,320	113,700	177,360	272,967	219,513	249,976	2,173	3,086	5,352	5,382	4,570	5,882
Bromine..... 1,000 pounds.....	1,161	1,566	8,463	16,429	33,324	37,882	745	438	2,110	3,483	6,610	7,611
Calcium-magnesium chloride (75 percent NaCl).....												
Cement..... 1,000 bbls. (376 lbs. net).....	27,849	67,870	116,160	83,546	96,470	103,441	539	1,357	2,208	1,039	1,219	1,308
Clay products.....	97,079	159,047	160,846	76,244	108,192	125,057	195,590	281,076	231,249	114,810	156,703	184,255
Clay, raw (sold by producers)..... 1,000 short tons.....	3,116	4,030	3,963	2,923	2,731	3,761	<sup>4</sup> 11,614	<sup>4</sup> 12,737	<sup>4</sup> 12,521	<sup>4</sup> 10,824	11,776	15,355
Coal, bituminous <sup>12</sup> ..... do.....	563,667	520,053	467,526	372,373	<sup>13</sup> 348,545	<sup>13</sup> 393,065	2,129,933	1,060,402	795,433	653,063	<sup>13</sup> 678,653	<sup>13</sup> 732,534
Coal, Pennsylvania anthracite..... do.....	89,598	61,817	69,385	52,159	46,099	51,487	434,252	327,665	354,574	210,131	180,600	187,175
Coke..... do.....	51,345	51,287	47,972	35,141	32,496	44,327	<sup>4</sup> 494,246	<sup>4</sup> 262,559	<sup>4</sup> 209,137	<sup>4</sup> 176,853	<sup>4</sup> 187,182	<sup>4</sup> 212,884
Emery..... short tons.....	2,327	769	555	176	765	765	22	6	6	2		7
Feldspar (crude)..... long tons.....	135,551	185,706	171,788	189,550	196,119	253,466	851	1,316	1,007	1,005	895	1,113
Fluorspar..... short tons.....	186,778	113,669	95,849	123,741	80,403	182,771	4,719	2,052	1,747	1,861	1,600	3,705
Fuller's earth..... do.....	128,487	206,574	335,044	227,745	170,852	167,070	2,506	2,924	4,327	2,230	1,708	1,692
Garnet for abrasive purposes..... do.....	5,476	8,429	5,003	3,060	2,669	4,056	434	713	314	257	192	279
Gems and precious stones.....							265	( <sup>14</sup> )	( <sup>14</sup> )	( <sup>14</sup> )	( <sup>14</sup> )	( <sup>14</sup> )
Graphite, amorphous..... short tons.....	4,694	3,536	1,941	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	50	40	21	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Graphite, crystalline..... 1,000 pounds.....	9,632	2,257	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	576	57	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Grindstones and pulpstones..... short tons.....	53,484	37,340	18,700	14,587	6,206	10,434	1,707	1,706	771	505	240	426
Gypsum <sup>15</sup> ..... 1,000 short tons.....	3,129	5,678	3,471	1,904	2,684	3,227	24,533	47,577	27,051	13,860	4,272	4,431
Helium <sup>16</sup> ..... cu. ft.....	( <sup>5</sup> )	9,418,363	9,805,600	10,218,480	6,099,960	6,281,800	( <sup>5</sup> )	451	140	114	64	75
Iodine..... pounds.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	245,696	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	249	( <sup>5</sup> )	( <sup>5</sup> )
Kyanite..... short tons.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2,950	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	69

For footnotes, see p. 767.

PRODUCT	QUANTITY						VALUE IN THOUSANDS OF DOLLARS					
	1920	1925	1930	1935	1938	1939	1920	1925	1930	1935	1938	1939
NONMETALLIC—continued												
Lime.....1,000 short tons	3,570	4,581	3,388	2,987	3,347	4,254	37,544	42,609	25,616	21,749	24,138	30,049
Lithium minerals.....short tons	11,696	3,140	1,797	1,154	892	1,990	173	59	56	27	47	97
Magnesite (crude).....do	303,767	120,660	120,320	177,154	97,000	198,980	2,748	1,433	1,033	1,192	725	1,465
Magnesium oxide, hydrated (brucite).....1,000 pounds					141,466	171,508			1,071	1,287	1,589	1,908
Magnesium salts, natural.....do	(5)	85,158	73,255	109,602			(5)	1,253				
Marl, calcareous, natural.....short tons	97,487	68,670	34,012	88,062	23,572	22,114		188	113	97		38
Marl, greensand.....do	(5)	12,728	12,761	7,589	6,576	6,466	326	180	221	220		151
Mica, scrap.....do	5,723	9,695	6,732	17 18,852	17 20,257	17 24,672		167	174	109	17 244	17 512
Mica, sheet.....1,000 pounds	1,683	1,794	1,466	937	940	814		547	322	177	161	139
Millstones.....do							63	22	18	10		11
Mineral paints:												
Cadmium compounds <sup>18</sup> .....pounds	(4)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		324	(5)	716
Zinc and lead pigments <sup>19</sup> .....short tons	143,244	199,190	147,948	137,972	123,146	162,774	24,565	28,311	18,420	13,828	13,970	19,030
Mineral waters.....1,000 gallons sold	36,218	(4)	(4)	(4)	(4)	(4)	4,861	(4)	(4)	(4)	(4)	(4)
Natural gas.....1,000,000 cu. ft.	798,210	1,188,571	1,943,421	1,916,595	2,295,562	2,435,000	196,194	265,271	416,090	429,374	500,696	539,625
Natural gasoline.....1,000 gallons	384,744	1,127,470	2,210,494	1,651,986	2,156,574	2,095,632	71,788	120,383	128,160	70,940	87,266	94,300
Oilstones, etc.....short tons	1,144	970	651	439	511	620	232	272	137	106	130	116
Olivine.....do	(5)		(5)	(5)	(5)	3,000	(5)	(5)	(5)	(5)	(5)	15
Peat.....do	73,204	72,436	(14)	37,060	45,933	55,433	922	453	(14)	199	286	362
Petroleum.....1,000 barrels (42 gals.)	442,929	763,743	898,011	996,596	1,214,355	1,204,256	1,360,745	1,234,960	1,070,200	961,440	1,373,060	1,265,000
Phosphate rock.....1,000 long tons	4,104	3,482	3,926	3,042	3,739	3,757	25,080	11,546	13,997	10,952	12,952	12,294
Potassium salts (K <sub>2</sub> O).....short tons	41,444	25,802	56,610	224,721	286,437	366,287	7,463	1,204	2,986	4,993	9,748	12,028
Pyrite.....do	41,838	40,380	56,843	60,000	65,742	89,159	114	179	336	247	313	425
Pyrites.....long tons	310,777	170,081	<sup>20</sup> 347,512	<sup>20</sup> 514,192	<sup>20</sup> 555,629	<sup>20</sup> 516,408	1,597	650	<sup>20</sup> 1,029	<sup>20</sup> 1,686	<sup>20</sup> 1,686	<sup>20</sup> 1,550
Salt.....1,000 short tons	6,840	7,398	8,054	7,927	8,026	9,278	29,894	26,162	25,009	21,838	23,243	24,510
Sand and gravel:												
Sand, glass.....do	2,166	2,335	1,849	2,126	2,109	2,468	4,749	3,836	3,211	3,735	3,602	4,281
Sand (molding, building, etc.) and gravel.....1,000 short tons	79,875	169,667	195,203	121,798	179,211	192,350	60,913	103,706	111,966	58,242	82,321	90,943
Sand-lime brick.....thousands	169,761	<sup>11</sup> 315,595	<sup>11</sup> 191,193	<sup>11</sup> 61,757	<sup>11</sup> 94,978	<sup>(11)</sup> 8,111	2,490	<sup>11</sup> 3,781	<sup>11</sup> 1,951	<sup>11</sup> 555	<sup>11</sup> 939	<sup>(11)</sup>
Silica (quartz).....short tons	68,190	25,444	13,156	17,178	18,611	34,959	320	205	121	112	88	153
Slate.....do	468,700	724,600	463,610	330,200	492,690	531,380	8,726	12,675	7,912	3,650	5,655	6,682
Sodium salts (carbonates and sulphates), natural.....short tons	40,243	55,850	122,930	131,936	180,220	262,222	1,183	1,007	1,792	1,449	1,832	2,557

Stone	1,000 short tons	78,527	115,851	126,996	83,159	124,839	147,447	133,542	174,217	178,949	87,824	139,255	158,462	
Sulfur	1,000 long tons	1,518	1,858	1,990	1,635	1,629	2,234	30,000	29,000	35,800	29,300	27,300	35,500	
Sulfuric acid, byproduct (60° Baumé) <sup>23</sup>	1,000 short tons	1,230	1,007	1,188	604	687	(5)	13,617	7,513	9,544	4,548	5,559	(5)	
Talc, pyrophyllite, and soapstone <sup>24</sup>	short tons	210,635	182,256	179,385	172,718	212,775	253,976	3,035	2,012	2,108	1,848	2,303	2,701	
Tripol	do	40,233	29,388	32,439	27,375	22,188	33,474	570	435	508	383	329	466	
Vermiculite	do		(5)	(5)	7,068	20,700	21,174		(5)	(5)	88	192	175	
Total nonmetallic products (approximate)									5,217,665	4,295,475	3,779,010	2,916,870	3,470,500	3,563,000
Metallic products									1,763,675	1,382,155	985,790	733,130	892,400	1,291,000
Nonmetallic products (exclusive of fuels)									1,024,755	1,236,795	1,014,510	586,870	650,200	764,400
Mineral fuels									4,192,910	3,058,680	2,764,500	2,330,000	2,820,300	2,818,600
Grand total (approximate)									6,981,340	5,677,630	4,764,800	3,650,000	4,362,900	4,874,000

<sup>1</sup> From both domestic and foreign ores. Beginning 1935, data represent antimonial lead produced at primary refineries from both primary and secondary sources, and are not comparable with data for prior years; estimate of value of primary antimony and lead contents of antimonial lead from domestic sources included in total value of metallic products.

<sup>2</sup> For 1920, largely content of antimonial lead; 1925 and 1930, content of antimonial lead. Value of the antimony in antimonial lead excluded from total value.

<sup>3</sup> Largely from foreign ore beginning 1935. Value not included in total value. Bureau of Mines not at liberty to publish value figures or quantity figures for 1938 and 1939.

<sup>4</sup> Value not included in total value; see headnote.

<sup>5</sup> Value where not shown included in total value of metallic or nonmetallic products. Bureau of Mines not at liberty to publish figures or not available.

<sup>6</sup> Product from domestic ores only.

<sup>7</sup> According to Bureau of the Mint; valued at \$20.67+ per ounce through 1930, at \$35 per ounce in 1935 and subsequent years.

<sup>8</sup> Figures not available. Value of products derived therefrom, or of raw materials used, is included elsewhere.

<sup>9</sup> According to Bureau of the Mint.

<sup>10</sup> Less than \$500.

<sup>11</sup> Figures obtained through cooperation with Bureau of the Census. Data for 1939 not yet available; estimate included in total value of nonmetallic products. Beginning 1937, value of clay products excludes values of pottery and refractories.

<sup>12</sup> Includes brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.

<sup>13</sup> Quantities as reported by Department of the Interior, National Bituminous Coal Division; values are estimated from various sources and include selling expenses.

<sup>14</sup> No canvass. Estimate of value included in total value of nonmetallic products.

<sup>15</sup> Gypsum mined: After 1936, value of crude at mine; for earlier years, value as sold (crude and calcined).

<sup>16</sup> Figures cover fiscal year ended June 30 of year stated.

<sup>17</sup> Includes mica recovered by grinding mica schist; excluded in prior years shown.

<sup>18</sup> Largely for use in manufacture of pigments.

<sup>19</sup> Sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide.

<sup>20</sup> Figures include pyrites concentrates from Tennessee and partly desulphurized tailings from zinc operations in Wisconsin; similar output in earlier years was not included.

<sup>21</sup> Includes soapstone used as dimension stone.

<sup>22</sup> From copper and zinc smelters and zinc roasters and from roasting of high-sulfide gold and silver concentrates.

<sup>23</sup> Includes 23,723 tons of stronger acid, not converted to 60° Baumé.

<sup>24</sup> For 1925 and 1930, figures exclude soapstone. For 1935 and thereafter, figures cover talc, pyrophyllite, and ground soapstone. Dimension soapstone is included in stone. Value of soapstone in 1925 and 1930 is included in value of nonmetallic products; Bureau of Mines not at liberty to publish figures.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

**No. 763.—IRON ORE—PRODUCTION, SHIPMENTS, EXPORTS, AND IMPORTS, 1881 TO 1939, AND PRODUCTION, BY REGION, STATE, AND KIND, 1936 TO 1939**

NOTE.—In thousands of long tons (2,240 pounds). Nearly all exports are to Canada. Blank spaces indicate lack of data. Since 1905, ore containing 5 percent or more of manganese has been excluded

YEARLY AVERAGE OR YEAR	Production	Shipments <sup>1</sup>	Exports	Imports	PRODUCTION	1936	1937	1938	1939
1881-1890	10,385			766	REGION				
1891-1900	17,551			587	Lake Superior <sup>2</sup>	41,781	61,657	21,308	41,680
1901-1910	41,339		271	1,180	Birmingham	4,008	5,953	4,156	5,735
1911-1915	51,595	50,502	953	1,841	All other	3,000	4,483	2,983	4,307
1916-1920	69,737	70,224	1,143	967	STATE				
1921-1925	52,429	52,617	677	1,691	Alabama	4,180	6,308	4,303	5,061
1926-1930	64,600	64,952	1,021	2,709	Michigan	9,178	12,085	6,004	9,150
1931-1935	22,732	23,538	389	1,166	Minnesota	31,634	48,417	14,449	31,548
1925	61,908	63,925	631	2,191	New York	160	520	186	309
1926	67,623	69,293	869	2,555	New Jersey	778			
1927	61,741	61,232	890	2,621	Pennsylvania	1,132		2,625	2,121
1928	62,197	63,433	1,282	2,453	Utah	154		191	262
1929	73,028	75,603	1,304	3,139	Wisconsin	970	1,156	855	978
1930	58,409	55,201	752	2,775	Wyoming	507	708	270	588
1931	31,132	28,516	436	1,466	All other	96	84	85	118
1932	9,847	5,391	83	582	KIND				
1933	17,553	24,624	155	801	Hematite	<sup>3</sup> 46,108	<sup>3</sup> 68,073	<sup>3</sup> 25,607	<sup>3</sup> 47,757
1934	24,588	25,793	609	1,428	Brown ore	<sup>4</sup> 475	<sup>4</sup> 666	<sup>4</sup> 363	<sup>4</sup> 586
1935	30,540	33,426	661	1,492	Magnetite	<sup>5</sup> 2,206	<sup>5</sup> 3,364	<sup>5</sup> 2,476	<sup>5</sup> 3,378
1936	48,739	51,406	645	2,232	Carbonate	1	1	(?)	(?)
1937	72,094	72,348	1,264	2,442					
1938	28,447	26,481	592	2,122					
1939	51,721	54,821	1,057	2,413					

<sup>1</sup> Excludes ore sold for paint.

<sup>2</sup> Includes only those mines in Wisconsin which are in true Lake Superior district.

<sup>3</sup> Some hematite included with magnetite. <sup>4</sup> Some brown ore included with hematite.

<sup>5</sup> Some magnetite included with hematite. <sup>6</sup> Some brown ore included with magnetite. <sup>7</sup> Less than 500.

**No. 764.—PIG IRON AND FERRO-ALLOYS—PRODUCTION, BY STATES, DISPOSITION, KIND, AND FUEL AND MATERIALS USED: 1900 TO 1939**

(In thousands of long tons (2,240 pounds) unless otherwise specified)

	1900	1910	1915	1920	1925	1930	1935	1937	1938	1939
<b>Total pig iron and ferro-alloys</b>	<b>13,789</b>	<b>27,304</b>	<b>29,916</b>	<b>36,928</b>	<b>36,701</b>	<b>31,752</b>	<b>21,373</b>	<b>37,127</b>	<b>19,161</b>	<b>31,855</b>
<b>By States:</b>										
New England	14	17	8	10						
New York, New Jersey	463	2,203	2,105	2,601	2,188	2,211	1,611	3,103	1,494	2,335
Pennsylvania	6,366	11,272	12,791	13,983	12,623	10,305	5,700	11,809	5,001	9,035
Illinois	1,363	2,676	2,447	3,281	3,604	3,345	2,003	3,426	1,657	2,651
Indiana, Michigan	1,64	1,250	1,987	2,940	4,120	3,934	2,868	4,722	2,347	4,274
Maryland and Virginia	781	771	503	953	830	1,088				
Alabama	1,184	1,939	2,049	2,393	2,836	2,395				
Ohio	2,471	5,752	6,913	8,533	8,803	6,805	9,160	14,068	8,602	13,561
Wisconsin, Minnesota	185	307	373	711	408	805				
Iowa, Colorado, Utah					505	805				
All other	798	1,117	741	1,520	702	805				
<b>By disposition:</b>										
For sale	(1)	(1)	8,583	10,724	8,991	7,083	4,022	7,185	3,390	4,449
For maker's use	(1)	(1)	21,333	26,202	27,710	24,670	17,351	29,943	15,770	27,405
<b>By kinds:</b>										
Basic	1,072	9,085	13,093	16,738	19,667	18,393	13,618	24,781	12,888	22,712
Bessemer and low-phosphorus	7,979	11,246	10,523	12,062	9,419	7,315	4,239	6,315	3,054	5,331
Foundry (incl. ferrosilicon)	3,378	5,260	4,844	5,958	5,410	3,960	1,908	3,239	1,853	2,030
Malleable	173	843	830	1,811	1,554	1,572	2,115	1,002	1,288	
Forge	798	504	316	318	241	61	22	1	3	
Ferromanganese, spiegel- eisen, and all other	395	306	310	539	409	461	390	655	363	540
<b>By fuels:</b>										
Coke <sup>2</sup>	11,728	26,258	29,535	36,300	36,504	31,656	21,298	37,046	19,122	31,811
Anthracite	1,677	649	85	303						
Charcoal	384	397	296	323	196	97	75	82	39	44
<b>Materials used:</b>										
Iron ore, briquettes, etc.	24,131	51,739	55,137	66,450	65,450	<sup>3</sup> 53,662	<sup>3</sup> 35,183	<sup>3</sup> 62,087	<sup>3</sup> 32,100	<sup>3</sup> 53,188
Cinder, scale, scrap, etc.	1,600	2,800	4,483	4,980	5,017	<sup>4</sup> 6,296	<sup>4</sup> 4,257	<sup>4</sup> 6,449	<sup>4</sup> 3,321	<sup>4</sup> 5,765
Coke (1,000 tons of 2,000 pounds) <sup>1</sup>	(1)	(1)	33,329	42,046	39,296	<sup>5</sup> 31,168	<sup>5</sup> 20,272	<sup>5</sup> 36,540	<sup>5</sup> 18,424	<sup>5</sup> 30,632
Limestone	7,422	14,528	14,790	17,825	15,154	<sup>6</sup> 11,099	<sup>6</sup> 7,523	<sup>6</sup> 13,043	<sup>6</sup> 6,435	<sup>6</sup> 11,033
<b>Total number furnaces Dec. 31</b>	<b>406</b>	<b>473</b>	<b>445</b>	<b>452</b>	<b>395</b>	<b>300</b>	<b>258</b>	<b>241</b>	<b>236</b>	<b>232</b>
<b>Furnaces in blast Dec. 31</b>	<b>232</b>	<b>206</b>	<b>310</b>	<b>216</b>	<b>238</b>	<b>97</b>	<b>124</b>	<b>95</b>	<b>116</b>	<b>195</b>

<sup>1</sup> Not available.

<sup>2</sup> Includes pig iron and ferro-alloys made in electric furnaces.

<sup>3</sup> Materials consumed in manufacture of pig iron only.

<sup>4</sup> Coke and bituminous coal 1900 to 1926.

Sources: Table 763, Department of the Interior, Bureau of Mines; Minerals Yearbook. Table 764, American Iron and Steel Institute, annual report.

### No. 765.—PIG IRON AND FERRO-ALLOYS AND STEEL INGOTS AND CASTINGS— PRODUCTION, EXPORTS, AND IMPORTS: 1871 TO 1939

NOTE.—In long tons (2,240 pounds). Prior to 1901 exports and imports are for years ended June 30 following year specified; calendar years thereafter. Imports are imports for consumption beginning with 1933. All production figures are for calendar years. For individual years 1871 to 1913 and data for earlier years, see Statistical Abstract 1931, tables 750 and 751

YEARLY AVERAGE OR YEAR	PIG IRON AND FERRO-ALLOYS			Steel ingots and castings, production	YEAR	PIG IRON AND FERRO-ALLOYS			Steel ingots and castings, production
	Production	Exports of domestic	Imports			Production	Exports of domestic	Imports	
1871-1875	2,248,293	7,412	137,591	1,880,799	1923	40,361,146	37,559	474,723	44,943,696
1876-1880	2,562,763	3,407	276,600	803,479	1924	31,405,790	45,818	276,966	37,931,939
1881-1885	4,301,096	5,311	325,200	1,652,268	1925	36,700,566	39,907	516,948	45,393,524
1886-1890	7,079,312	12,407	229,970	3,292,763	1926	39,372,729	28,606	514,288	48,293,763
1891-1895	8,133,014	22,983	54,778	4,675,736	1927	36,565,045	55,899	175,529	44,936,185
1896-1900	11,491,937	224,268	34,308	8,439,938	1928	38,155,714	96,748	104,656	51,544,180
1901-1905	18,239,605	45,465	314,765	15,307,931	1929	42,613,953	53,749	223,630	56,433,473
1906-1910	24,024,722	78,618	275,036	22,169,733	1930	31,762,169	26,844	182,446	40,699,433
1911-1915	27,518,219	202,611	132,761	28,378,470	1931	18,426,394	15,429	103,640	25,945,501
1916	29,916,213	224,609	89,836	32,161,036	1932	8,781,453	6,938	146,064	13,681,162
1916	39,434,797	607,236	135,349	42,773,680	1933	13,345,602	11,272	196,284	23,232,347
1917	38,621,216	656,220	76,786	45,060,607	1934	16,138,573	13,474	157,387	20,055,289
1918	39,054,644	269,575	34,711	44,462,432	1935	21,372,099	17,714	189,197	23,4,092,594
1919	31,015,364	321,261	101,605	34,671,232	1936	31,029,137	23,606	254,006	24,7,767,856
1920	36,925,987	216,828	135,044	42,132,934	1937	37,127,277	218,000	181,272	25,0,568,701
1921	16,688,126	28,405	44,842	19,783,797	1938	19,160,861	460,361	71,436	28,349,991
1922	27,219,904	33,332	498,050	35,602,926	1939 <sup>1</sup>	31,854,551	213,566	115,622	27,141,709

<sup>1</sup> 1875 only. <sup>2</sup> Includes only steel castings produced in foundries producing steel ingots. <sup>3</sup> Preliminary.

### No. 766.—ROLLED AND MISCELLANEOUS STEEL PRODUCTS—PRODUCTION, BY KIND: 1910 TO 1939

NOTE.—In thousands of long tons (2,240 pounds). Blank spaces indicate figures not available. The miscellaneous products, except cast-iron pipe, are mostly further elaborations of products above

	1910	1915	1920	1925	1930	1935	1938	1939
Hot-rolled products, total	21,621	24,393	32,348	33,387	29,513	23,965	20,986	34,825
Rails	3,636	2,204	2,604	2,785	1,873	712	623	1,172
Bessemer and electric	1,884	327	143	10	2	1	( <sup>1</sup> )	( <sup>1</sup> )
Open hearth	1,751	1,775	2,354	2,692	1,836	692	608	1,160
Rerolled		102	127	84	36	19	16	22
Sheets and plates	4,955	6,078	9,338	9,808	9,067	8,691	7,166	12,389
Universal		955	1,250	1,196	1,041	439	342	616
Sheared		1,923	3,505	2,557	2,622	1,016	1,373	2,153
Black sheets <sup>2</sup>		1,837	2,886	4,007	3,512	5,170	4,745	8,909
Black plates for tinning		1,093	1,449	1,632	1,692	1,795	627	599
Other black-plate specialties		270	247	325	201	266	70	111
Wire rods	2,242	3,096	3,137	2,845	2,349	2,441	2,109	3,286
Structural shapes	2,267	2,437	3,307	3,604	3,512	1,750	1,860	2,999
Merchant bars	3,780	4,131	6,130	5,659	4,132	4,699	2,328	4,350
Skelp	1,828	2,299	3,220	3,230	2,682	1,352	1,253	2,080
Hoops	262	282	333	206	90	90	37	65
Bands and cotton ties	425	436	389	356	46	25	34	31
Splice and tie-plate bars		336	675	823	606	268	199	463
Rolled forging blooms, billets, etc.	400	651	447	345	804	340	266	536
Bars for reinforced concrete work	241	353	572	320	850	557	784	1,131
Strip and sheets for cold reduced black plate and tin plate							1,621	2,377
Strips and flats for cold rolling					1,042	2,648	1,030	1,631
Blanks or pierced billets					1,248	953	1,320	1,892
All other rolled products	1,519	1,888	2,294	2,908	821	439	437	4,511
Miscellaneous products:								
Tin plate	648	983	1,375	1,544	1,060	1,695	1,430	2,237
Ternplate and long tern sheets	75	73	71	114	103	191	187	273
Galvanized sheets		706	835	1,134	1,045	1,028	1,051	1,442
Galvanized formed products		60	64	60	65	60	53	67
Wire nails	567	651	734	690	427	396	430	602
Cut nails and cut spikes	45	35	38	33	21	18	18	22
Wrought pipe or tubes <sup>3</sup>		1,920	3,003	3,031	2,247	964	923	1,394
Boiler tubes <sup>4</sup>		97	119	63	31	16	10	15
Seamless pipes or tubes		140	202	568	1,194	877	1,140	1,549
Cast-iron pipe and fittings		1,085	792	1,719	1,282	615	736	999
Forgings made by rolling mills	320	524	540	388	476	315	253	399

<sup>1</sup> Less than 500 tons. <sup>2</sup> Rolled on sheet or jobbing mills. <sup>3</sup> Small structural forms not included.

<sup>4</sup> Merchant bars include certain miscellaneous products included in "All other rolled products" prior to 1935. <sup>5</sup> Excluding electric welding. <sup>6</sup> Including forged axles.

Source: Table 765, production, American Iron and Steel Institute, annual report. Exports and imports, Dept. of Commerce, Bur. of Foreign and Domestic Commerce, annual report, Foreign Commerce and Navigation of the U. S. Table 766, American Iron and Steel Institute, annual report.

# No. 767.—IRON AND STEEL, FINISHED ROLLED—PRODUCTION, EXPORTS, AND IMPORTS: 1876 TO 1939

NOTE.—In long tons (2,240 pounds). Imports are imports for consumption beginning with 1933; general imports in earlier years. Blank spaces indicate that figures are not available

YEARLY AVERAGE OR YEAR (CALENDAR YEAR)	Total production, finished rolled products	RAILS			PLATES AND SHEETS			Merchant bar production <sup>1</sup>
		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	<sup>5</sup> 5,278,214	1,710,278	7,275	49,775	<sup>1</sup> 684,914		8,013	
1891-1895	<sup>5</sup> 4,722,849	1,264,677	13,650	1,047	756,818	1,510	23,894	
1896-1900	<sup>5</sup> 4,162,560	1,881,905	232,518	2,399	1,463,879	30,995	4,771	
1901-1905	13,670,907	2,896,138	225,740	43,207	2,694,625	39,505	6,167	<sup>3</sup> 3,593,601
1906-1910	18,509,400	3,288,486	303,234	3,963	4,054,102	158,591	4,096	3,479,910
1911-1915	22,250,075	2,760,567	378,792	23,740	5,382,221	416,404	2,875	3,770,316
1916-1920	30,810,650	2,629,506	550,821	21,392	8,246,245	907,496	1,570	6,294,708
1919	25,101,544	2,293,843	652,443	17,008	7,372,814	1,042,697	1,095	4,810,645
1920	32,947,863	2,604,110	594,828	45,684	9,337,080	1,273,558	1,792	6,702,685
1921	14,774,006	2,178,818	321,322	22,043	4,260,574	607,370	1,076	1,792,982
1922	26,452,004	2,171,776	277,090	26,629	7,965,397	439,417	<sup>4</sup> 1,947	4,554,474
1923	33,277,076	2,904,516	267,400	29,706	9,497,717	386,405	<sup>4</sup> 4,572	6,233,663
1924	28,086,435	2,438,332	208,496	43,358	8,087,883	360,540	<sup>4</sup> 6,066	4,937,043
1925	33,336,980	2,785,267	151,690	36,872	9,807,659	386,912	<sup>4</sup> 4,480	6,478,902
1926	35,495,892	3,217,649	187,557	55,212	10,529,056	517,611	<sup>4</sup> 15,616	6,289,665
1927	32,879,031	2,806,486	177,593	15,455	9,627,734	468,511	<sup>4</sup> 19,760	5,686,260
1928	26,647,916	2,647,493	190,925	14,019	11,006,050	522,657	<sup>4</sup> 30,800	7,229,723
1929	41,000,416	2,722,138	146,080	6,236	12,436,312	540,896	<sup>4</sup> 28,461	7,423,496
1930	29,513,007	1,873,233	95,179	8,307	9,067,366	346,853	<sup>4</sup> 28,488	4,982,124
1931	19,176,894	1,157,751	33,103	5,007	6,039,681	192,830	<sup>4</sup> 16,007	3,083,096
1932	10,451,088	402,566	11,320	5,662	3,443,308	79,031	<sup>4</sup> 22,252	1,699,601
1933	16,735,986	416,296	41,481	6,403	6,216,650	108,841	<sup>4</sup> 9,503	3,255,049
1934	18,999,506	1,010,224	69,159	3,073	6,375,815	202,265	<sup>4</sup> 4,046	3,289,431
1935	23,964,552	711,537	51,672	5,658	8,691,136	226,552	<sup>4</sup> 11,733	4,256,417
1936	33,801,379	1,219,846	73,455	7,768	12,152,317	309,601	<sup>4</sup> 23,032	6,091,511
1937	36,766,389	1,445,739	148,132	8,298	14,036,840	790,366	<sup>4</sup> 9,013	6,031,261
1938	30,935,563	622,895	82,721	3,624	7,186,265	512,337	<sup>4</sup> 6,399	3,111,538
1939 (prel.)	24,824,604	1,172,606	59,922	7,784	12,889,437	661,220	<sup>4</sup> 1,434	5,480,670

YEARLY AVERAGE OR YEAR (CALENDAR YEAR)	Skelep production	WIRE RODS			STRUCTURAL SHAPES			All other finished rolled production <sup>1</sup>
		Production	Exports	Imports	Production	Exports	Imports	
1891-1895		633,248		34,804	<sup>5</sup> 429,872			2,476,209
1896-1900		909,819	<sup>6</sup> 16,182	18,087	689,419	<sup>6</sup> 48,877		3,217,638
1901-1905	<sup>3</sup> 1,435,905	1,590,280	16,345	18,390	1,203,791	55,651	<sup>7</sup> 12,886	1,263,396
1906-1910	1,668,674	2,056,732	13,403	15,400	1,936,961	121,086	11,107	2,074,634
1911-1915	2,242,270	2,619,287	75,225	11,784	<sup>8</sup> 2,446,891	265,891	6,352	3,029,034
1916-1920	2,788,397	2,978,731	144,707	3,739	2,082,143	336,379	2,806	4,890,019
1919	2,555,778	2,538,476	118,010	342	2,614,036	360,787	1,154	3,005,952
1920	3,220,289	3,136,907	116,775	5,488	3,306,748	493,633	1,685	4,039,438
1921	1,930,575	1,564,330	18,953	917	1,272,624	297,022	777	1,774,103
1922	2,872,215	2,654,741	40,424	1,735	2,718,768	167,535	7,823	3,511,633
1923	3,734,336	3,075,892	46,868	3,048	3,405,197	199,021	10,674	4,425,755
1924	3,170,543	2,522,545	18,762	6,851	3,283,798	167,910	43,245	3,651,381
1925	3,229,768	2,844,050	21,207	7,988	3,604,130	169,252	77,291	4,636,658
1926	3,764,550	2,722,032	19,546	10,765	3,911,663	233,059	121,100	5,061,277
1927	3,418,862	2,770,271	16,127	17,988	3,742,445	215,229	161,849	4,826,983
1928	3,368,973	3,080,810	38,623	19,298	4,096,143	296,885	163,762	6,233,718
1929	3,517,238	3,134,409	42,260	15,663	4,778,020	399,837	148,223	7,057,803
1930	2,682,046	2,348,600	39,779	8,843	3,512,473	243,840	120,333	5,047,165
1931	1,469,280	1,844,620	32,125	7,114	2,062,858	121,725	72,329	3,487,808
1932	907,569	1,186,181	14,818	7,934	937,228	32,561	36,547	2,174,705
1933	994,515	2,024,005	16,877	10,339	1,109,467	32,033	29,296	3,319,024
1934	1,120,217	1,723,705	23,732	13,667	1,425,640	53,574	25,023	4,025,014
1935	1,352,079	2,440,794	26,092	16,980	1,749,740	57,313	41,601	4,762,849
1936	2,156,602	2,907,880	34,872	18,711	2,897,631	87,628	61,584	6,285,592
1937	2,279,862	3,009,290	60,008	15,819	3,270,846	135,779	78,273	6,686,551
1938	1,253,161	2,108,598	22,283	5,280	1,859,540	127,520	39,624	4,363,568
1939 (prel.)	2,080,471	3,255,979	31,450	10,692	2,999,094	163,153	39,533	7,416,897

<sup>1</sup> Merchant bars include concrete reinforcing bars and, beginning 1934, certain miscellaneous bars previously included in "All other products."

<sup>2</sup> Average for years 1887-90.

<sup>3</sup> Average for years 1902-05.

<sup>4</sup> Includes skelep.

<sup>5</sup> Average for years 1892-95.

<sup>6</sup> Average for period July 1, 1897, to Dec. 31, 1900.

<sup>7</sup> Average for period July 1, 1903, to Dec. 31, 1905.

<sup>8</sup> Small structural forms not included in 1911.

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Dept. of Commerce, Bur. of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the U. S. Also published currently in Monthly Summary of Foreign Commerce of the U. S.

No. 768.—STEEL, WIRE AND WIRE PRODUCTS, TIN PLATE AND TERNEPLATE, AND  
CAST-IRON PIPE AND FITTINGS—PRODUCTION: 1933, 1935, AND 1937

NOTE.—The overlapping of the industries shown in this table results in considerable duplication in ton-  
nages 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

INDUSTRY AND PRODUCT	Unit	QUANTITY IN THOUSANDS OF UNIT SPECIFIED			VALUE IN THOUSANDS OF DOLLARS		
		1933	1935	1937	1933	1935	1937
<b>STEEL WORKS AND ROLLING MILLS</b>							
All products, total value.....					1, 143, 889	1, 931, 318	3, 330, 401
Unrolled steel, total.....		Ton	23, 163	34, 405	51, 599		
Ingots—							
For sale and interplant transfer.....		do	139	237	643	3, 932	9, 473
Produced and consumed in works.....		do	22, 761	33, 654	49, 790		21, 132
Direct steel castings—							
For sale and interplant transfer.....		do	222	405	1, 038	32, 296	67, 442
Produced and consumed in works.....		do	56	109	128		184, 958
Semifinished rolled products, for sale and interplant transfer, total.....		do	5, 470	7, 420	10, 314	137, 967	209, 831
Blooms, billets, and slabs, except for forging.....		do	3, 025	4, 327	7, 317	79, 499	125, 454
Rolled blooms and billets for forging.....		do	94	201	334	2, 008	7, 704
Sheet and tin-plate bars.....		do	2, 369	2, 874	2, 642	56, 026	75, 799
Muck and scrap bar.....		do	12	18	22	423	874
Finished hot-rolled products and forg- ings, total.....		do	18, 181	24, 318	37, 320		
Produced and consumed in works.....		do	4, 994	8, 149	12, 163		
For sale and interplant transfer.....		do	11, 166	16, 169	25, 157	495, 544	832, 216
Rails.....		do	393	622	1, 408	15, 157	25, 541
Rail joints, fastenings, tie plates, etc.....		do	198	270	480	9, 316	12, 885
Structural shapes (not fabricated).....		do	992	1, 018	3, 115	35, 210	67, 398
Concrete reinforcing bars.....		do	357	523	814	12, 309	23, 244
Merchant bars, mill shafting, etc.—							
Steel.....		do	2, 275	3, 322	4, 389	107, 840	191, 101
Iron.....		do	45	51	71	3, 348	3, 623
Bolt and nut rods, spike and chain rods, etc.....		do	34	40	37	1, 361	1, 798
Wire rods.....		do	736	920	1, 040	26, 179	35, 980
Plates No. 12 and thicker.....		do	1, 404	1, 745	3, 344	52, 460	78, 781
Sheets No. 13 and thinner.....		do	2, 688	3, 836	5, 601	137, 967	218, 523
Skelp.....		do	488	792	1, 144	15, 206	25, 216
Hot-rolled strips for cold rolling.....		do	455	934	1, 359	18, 041	45, 405
Other strips, etc., and cotton ties.....		do	742	850	991	29, 917	46, 220
Axles.....		do	55	43	127	2, 788	3, 042
Armor plate and ordnance.....		do	8	21	20	2, 080	8, 846
Car and locomotive wheels.....		do	69	83	172	6, 483	7, 909
All other rolled and forged products.....		do	249	459	1, 067	19, 872	37, 793
Scrap iron and steel, for sale and inter- plant transfer.....		do	1, 031	1, 537	2, 942	10, 255	17, 315
Cinder and scale.....		do	799	1, 261	2, 674	1, 269	2, 961
All other (including value added to rolled products by further manufac- ture).....		do				462, 636	792, 079
<b>WIRE AND WIRE PRODUCTS (ALL METALS)</b>					802, 829	476, 070	764, 241
All industries, total value.....							
Iron and steel wire:							
Plain wire, total.....		Ton	1, 962	2, 349	2, 913		
For sale and interplant transfer.....		do	667	842	1, 038	43, 536	60, 263
Produced and consumed in works.....		do	1, 295	1, 507	1, 875		85, 954
Galvanized wire: For sale and inter- plant transfer.....		do	168	195	229	9, 936	14, 335
Other coated wire: For sale and inter- plant transfer.....		do	34	37	46	4, 184	4, 846
Cold-rolled from drawn wire: For sale and interplant transfer.....		do	15	19	24	2, 832	3, 339
Copper wire:							
For sale and interplant transfer.....		Lb	99, 135	143, 581	253, 102	10, 305	19, 506
Produced and consumed in works.....		do	189, 714	272, 268	473, 001		43, 071
Drawn on contract or custom basis from rods or bars furnished by others.....		do	9, 673	12, 863	20, 949		

For footnotes, see next page.



No. 768.—STEEL, WIRE AND WIRE PRODUCTS, TIN PLATE AND TERNEPLATE, AND CAST-IRON PIPE AND FITTINGS—PRODUCTION: 1933, 1935, AND 1937—CON.

INDUSTRY AND PRODUCT	QUANTITY IN THOUSANDS OF UNITS SPECIFIED			VALUE IN THOUSANDS OF DOLLARS			
	Unit	1933	1935	1937	1933	1935	1937
<b>WIRE AND WIRE PRODUCTS (ALL METALS)—continued</b>							
Brass and bronze wire:							
For sale and interplant transfer.....	Lb.....	55, 015	63, 644	77, 925	7, 527	10, 874	16, 421
Produced and consumed in works.....	do.....	7, 492	11, 171	13, 218			
Electrical-resistance wire, for sale.....	do.....	(?)	(?)	10, 585	(?)	(?)	7, 303
Other metal wire:							
For sale and interplant transfer.....	do.....	14, 002	10, 395	45, 529	8 6, 760	8 9, 789	8 14, 487
Produced and consumed in works.....	do.....	47	801	1, 084			
<b>Fabricated wire products for sale:</b>							
<b>Iron and steel—</b>							
Nails, brads, and spikes <sup>1</sup> .....	Keg <sup>10</sup>	9, 101	9, 580	11, 081	24, 312	30, 021	35, 664
Tacks <sup>2</sup> .....	Lb.....	(11)	4, 593	2, 903	374	388	229
Staples.....	do.....	(11)	50, 211	44, 158	1, 757	1, 053	1, 577
Barbed wire.....	Ton <sup>3</sup>	182	196	188	8, 608	10, 772	11, 473
Rope or cable, except insulated.....	do.....	49	77	106	13, 615	26, 593	30, 403
Strand, galvanized.....	do.....	29	34	33	2, 098	3, 125	4, 403
Poultry netting.....	do.....	20	24	50	3, 725	3, 869	6, 692
Woven wire fence, except poultry netting.....	do.....	203	233	284	13, 907	17, 634	23, 330
Fly screening.....	Lb.....	42, 988	46, 872	58, 299	5, 802	6, 335	8, 463
Other wire cloth.....	do.....	26, 392	30, 494	47, 900	3, 136	4, 928	6, 070
Concrete reinforcement wire.....	Ton <sup>4</sup>	(11)	(11)	(11)	3, 005	4, 985	7, 085
Other woven wire.....	do.....	28	26	23	4, 837	4, 798	5, 604
Motor-vehicle skid chains.....	do.....	(11)	(11)	(11)	3, 336	7, 268	7, 193
Bale ties.....	Lb.....	124, 090	151, 769	160, 770	3, 080	5, 542	5, 960
Wire springs.....	do.....				24, 104	45, 135	73, 371
Welding wire, not incl. electrodes.....	Lb.....	23, 328	28, 386	69, 135	1, 681	2, 148	4, 132
Other fabricated iron and steel wire products.....	do.....				10, 524	38, 220	40, 328
<b>Nonferrous wire products—</b>							
Fly screening—							
Copper and bronze.....	Lb.....	9, 697	10, 979	13, 567	2, 324	2, 998	4, 309
Other metals.....	do.....	91	162	304	64	97	239
Fourdrinier and cylinder wire cloth	do.....	1, 985	2, 670	3, 183	3, 189	4, 113	4, 001
Other wire cloth—							
Copper and bronze.....	do.....	(11)	(11)	(11)	1, 227	1, 111	1, 588
Other metals.....	do.....	(11)	(11)	(11)	1, 730	750	1, 330
Copper strand, except insulated.....	do.....	24, 771	42, 541	131, 783	2, 480	5, 986	22, 006
Other fabricated nonferrous wire products, except insulated wire.....	do.....				2, 350	2, 084	3, 273
Fabricated wire products not distributed above.....	do.....				2, 255		
Insulated wire and cable.....	do.....				65, 637	122, 226	245, 342
<b>TIN PLATE AND TERNEPLATE</b>							
All products, total value.....	do.....				151, 601	195, 845	285, 775
<b>Tin plate</b>							
Terneplate.....	Lb.....	3,704,702	3,780,159	5,433,509	142, 434	175, 730	254, 289
All other products.....	do.....	193, 254	426, 843	616, 343	6, 336	16, 593	25, 349
					2, 530	3, 522	6, 137
<b>CAST-IRON PIPE AND FITTINGS</b>							
All industries, total value.....	do.....				22, 633	40, 392	66, 212
Quantity reported.....	Ton <sup>5</sup>	520	743	1, 098	20, 065	35, 315	58, 303
Quantity not reported.....	do.....				2, 569	4, 077	7, 949

<sup>1</sup> Of 2,240 pounds.

<sup>2</sup> In addition, steel castings were produced for sale and for interplant transfer by establishments classified in other industries as follows: For 1933, 14,495 tons valued at \$2,508,632; 1935, 58,289 tons valued at \$8,254,025; 1937, 49,187 tons valued at \$9,596,662.

<sup>3</sup> Includes the production of piercing billets, rounds, and blanks which were not called for separately prior to 1935. The amounts reported for 1935 are as follows: Produced and consumed in same works, 888,594 tons; made for sale and interplant transfer, 73,639 tons, valued at \$3,920,021. For 1937, produced and consumed in same works, 1,684,618 tons; made for sale and interplant transfer, 634,292 tons valued at \$24,807,581. For years prior to 1935 data for the tonnage produced and consumed in plant and an indeterminate amount of that made for sale and interplant transfer were reported under "Blooms, billets, and slabs."

<sup>4</sup> Includes 10,377 tons, valued at \$6,011,666 for 1933, 13,615 tons, valued at \$9,147,892 for 1935, and 32,853 tons, valued at \$21,618,180 for 1937, of stainless-steel plates and sheets not reported separately.

<sup>5</sup> All iron and steel wire, including that subsequently galvanized, otherwise coated, and cold rolled.

<sup>6</sup> Of 2,000 pounds.

<sup>7</sup> Not called for separately.

<sup>8</sup> Includes \$313,000 in 1933, \$673,000 in 1935, and \$214,000 in 1937 for which no quantity was reported.

<sup>9</sup> Not including value of nails and tacks made from nail and tack plate.

<sup>10</sup> Of 100 pounds.

<sup>11</sup> No comparable data; quantity not reported in all cases.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

## No. 769.—STEEL INGOTS AND CASTINGS—PRODUCTION, BY GRADE: 1890 TO 1939

NOTE.—In long tons (2,240 pounds). Blank spaces indicate that figures are not available

YEAR	Total	Bessemer	OPEN HEARTH			Cru- cible	Electric	Miscel- laneous
			Total	Basic	Acid			
1890	4,277,071	3,688,871	513,232	—	—	71,175	—	3,793
1900	10,188,329	6,684,770	3,398,135	2,545,091	853,044	100,562	—	4,862
1910	26,004,919	9,412,772	16,504,509	15,292,329	1,212,180	122,303	52,141	3,194
1915	32,151,036	8,287,213	23,679,102	22,308,725	1,370,377	113,782	69,412	1,527
1920	42,132,934	8,859,087	32,671,895	31,375,723	1,296,172	72,285	505,687	—
1925	45,303,524	6,729,062	38,034,488	37,087,342	947,146	19,562	615,812	—
1930	40,699,483	5,035,459	35,040,172	34,288,316	780,856	2,243	612,869	—
1935 <sup>1</sup>	34,092,594	2,835,031	30,715,429	30,361,237	354,192	6	841,492	—
1937 <sup>1</sup>	50,568,701	3,449,927	46,272,303	45,772,510	490,793	934	845,537	—
1938 <sup>1</sup>	28,349,991	1,880,661	25,964,300	25,091,963	272,337	6	505,024	—
1939 <sup>1</sup>	47,141,709	2,969,032	43,223,036	42,704,197	518,839	831	618,810	—

<sup>1</sup> Figures include only that part of steel for castings which was made in foundries producing steel ingots.

## No. 770.—BLAST FURNACES AND STEEL MILLS—SUMMARY: 1889 TO 1937

NOTE.—The scope of the industry "Steel works and rolling mills" is indicated by table 768

YEAR	Number of estab- lishments	Wage earners (average number)	WAGES	VALUE OF PRODUCTS <sup>1</sup>	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>	PRIMARY HORSE- POWER
1889	719	171,181	80,273	478,688	151,415	784,358
1890	668	222,490	120,820	803,068	281,669	1,597,816
1909	654	278,505	187,807	1,377,152	399,013	3,274,285
1919	695	416,748	711,407	3,623,369	1,321,507	5,399,574
1923	658	424,913	696,761	4,161,938	1,289,910	6,999,941
1925	595	399,914	660,297	3,711,354	1,281,976	6,143,927
1927	602	389,270	645,534	3,488,744	1,219,534	6,731,028
1929	591	419,534	730,974	4,137,214	1,622,837	7,532,530
1931	526	278,206	357,645	1,714,214	623,199	( <sup>3</sup> )
1933	466	288,945	270,367	1,357,574	481,529	( <sup>3</sup> )
1935	408	374,808	458,584	2,305,970	893,681	( <sup>3</sup> )
1937	497	502,417	817,778	4,003,017	1,624,391	( <sup>3</sup> )
Blast furnaces:						
1935 <sup>4</sup>	72	15,178	18,016	374,651	73,993	( <sup>3</sup> )
1937 <sup>4</sup>	87	23,075	38,001	672,525	127,644	( <sup>3</sup> )
Steel works and rolling mills:						
1935	396	359,630	439,660	1,931,318	819,688	( <sup>3</sup> )
1937	410	479,342	779,776	3,330,491	1,490,747	( <sup>3</sup> )

<sup>1</sup> Includes much duplication.<sup>2</sup> Value of products less cost of materials, fuel, and purchased electric energy. Beginning 1935, deductions include, in addition, cost of contract work.<sup>3</sup> No data.<sup>4</sup> Includes data for 3 establishments in 1935 and 5 in 1937 engaged in production of sintered ore and flue dust and operated independently of blast furnaces.

## No. 771.—IRON AND STEEL—AGGREGATE EXPORTS: 1890 TO 1939

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	Quan- tity	Value	YEAR	Quan- tity	Value	YEAR	Quan- tity	Value
1890	52	—	1916	6,101	353,971	1928	2,866	179,881
1895	89	—	1917	6,439	567,041	1929	3,038	200,203
1900	1,164	42,518	1918	5,375	558,279	1930	1,983	139,030
1905	1,010	33,813	1919	4,400	410,164	1931	969	63,226
1908	964	43,397	1920	4,935	458,376	1932	595	28,857
1909	1,244	50,777	1921	2,213	214,830	1933	1,941	45,534
1910	1,538	68,486	1922	1,995	136,334	1934	2,313	88,691
1911	2,188	86,699	1923	2,010	167,247	1935	3,064	88,414
1912	2,948	112,535	1924	1,806	150,494	1936	3,157	112,692
1913	2,746	108,875	1925	1,763	144,262	1937	7,679	302,360
1914	1,560	63,409	1926	2,187	174,145	1938	5,148	185,432
1915	3,533	140,993	1927	2,183	160,809	1939	6,084	236,945

Sources: Table 769, American Iron and Steel Institute, annual report. Table 770, Dept. of Commerce, Bur. of Census, reports of Biennial Census of Manufactures. Table 771, Dept. of Commerce, Bur. of Foreign and Domestic Commerce, annual report, Foreign Commerce and Navigation of the U. S. Also published currently in Monthly Summary of Foreign Commerce of the U. S.

## No. 772.—IRON AND STEEL—EXPORTS, BY KIND: 1936 TO 1939

NOTE.—This and tables 771 and 773 exclude the highly elaborated manufactures of iron and steel

ARTICLE	QUANTITY IN LONG TONS (2,240 POUNDS)				VALUE IN THOUSANDS OF DOLLARS			
	1936	1937	1938	1939 <sup>1</sup>	1936	1937	1938	1939 <sup>1</sup>
	Total.....	8,187,407	7,578,677	5,147,026	6,088,576	112,692	802,360	185,432
Pig iron, not including ferro-alloys.....	5,316	782,436	432,851	177,024	110	10,403	7,135	3,436
Ferromanganese and spiegeleisen.....	466	1,725	247	2,923	27	73	19	248
Other ferro-alloys.....	2,432	2,780	1,197	4,042	807	2,202	1,172	1,025
Scrap.....	1,936,132	4,101,540	2,998,591	3,584,439	24,034	79,387	45,830	55,911
Ingots, blooms, sheet bars, skelp, and steel bars.....	91,602	415,200	227,328	297,440	2,886	16,898	8,370	11,484
Alloy steel bars.....	56,665	169,268	150,831	208,567	3,468	11,353	10,341	15,254
Wire rods.....	34,872	60,008	22,283	31,450	1,328	3,263	1,112	1,830
Galvanized sheets.....	63,205	31,019	76,037	110,968	4,689	7,470	7,020	9,505
Plates, iron and steel.....	95,854	386,819	221,108	254,073	4,461	21,507	11,344	12,015
Black steel sheets.....	140,153	238,510	205,278	269,026	10,003	24,014	16,442	19,660
Black iron sheets.....	6,964	10,788	7,560	10,448	455	935	615	812
Hoop, band, and strip steel.....	61,910	111,234	62,555	88,952	3,907	7,979	5,184	6,553
Tin plate, terneplate, etc.....	238,880	360,683	161,676	311,016	23,753	39,940	19,078	33,033
Structural shapes, plain material.....	62,077	135,706	83,691	115,465	2,584	6,984	4,507	5,549
Structural materials, fabricated.....	28,034	73,543	45,313	62,734	2,203	6,168	4,405	4,809
Tanks, complete and knocked down.....	21,574	44,578	37,730	28,735	1,733	3,551	3,284	2,647
Metal lath.....	936	1,751	893	1,656	161	287	100	303
Steel nails.....	73,455	148,182	82,721	69,092	2,085	5,167	3,112	2,375
Rail fastenings, switches, frogs, etc.....	12,003	21,321	12,830	16,287	946	1,834	1,104	1,450
Boiler tubes.....	7,837	17,458	8,124	15,170	1,338	2,785	1,541	1,909
Casing and oil-line pipe.....	28,410	83,481	63,703	87,905	2,760	8,302	6,917	8,717
Seamless black pipe, except casing and oil-line.....	3,924	12,482	7,450	10,219	586	1,507	1,287	1,850
Black and galvanized welded pipe.....	25,235	46,431	31,183	57,355	2,181	4,539	3,170	5,525
Riveted pipe and fittings.....	1,122	980	945	7,674	150	137	189	2,116
Cast-iron pipe and fittings.....	19,952	31,176	31,892	46,147	1,614	2,344	2,475	2,940
Malleable-iron screwed pipe fittings.....	3,657	5,385	3,102	4,008	1,029	1,507	1,080	1,441
Barbed-wire and woven-wire fencing.....	26,642	36,995	36,157	56,693	2,177	2,983	2,707	4,105
Plain and galvanized wire.....	47,355	56,099	49,872	60,494	2,909	4,312	3,777	4,515
Woven-wire screen cloth.....	1,132	1,688	1,327	1,924	392	534	433	794
Wire rope and wire strand.....	2,260	7,824	4,372	6,058	832	1,841	1,181	1,515
Electric welding rods.....	5,361	9,082	1,182	1,603	1,231	2,061	270	378
Wire, other, and manufactures thereof.....	7,790	17,408	20,720	25,796	473	1,313	1,370	1,697
Nails other than wire, tacks, staples.....	3,291	4,483	5,236	6,458	477	660	656	819
Horseshoes.....	6,120	179	103	224	16	21	13	30
Bolts, nuts, rivets, and washers <sup>1</sup> .....	6,764	11,108	8,057	8,856	1,610	2,750	2,083	2,330
Car wheels and axles.....	8,300	27,777	20,938	27,879	576	2,343	1,899	2,556
Iron castings.....	7,073	9,579	5,152	4,879	744	1,089	826	851
Steel castings.....	3,281	3,896	2,452	2,693	678	1,049	688	675
Forgings.....	3,859	10,118	6,092	10,603	532	1,270	1,124	2,062

<sup>1</sup> Preliminary.<sup>2</sup> Except track.

## No. 773.—IRON AND STEEL—EXPORTS, BY DESTINATION: 1937, 1938, 1939

NOTE.—All figures in long tons (2,240 pounds). Products covered are those listed in table 772

COUNTRY	1937	1938	1939 <sup>1</sup>	COUNTRY	1937	1938	1939 <sup>1</sup>
France.....	30,959	24,271	8,978	Brazil.....	109,079	76,451	149,553
Germany.....	110,012	241,518	16,658	Chile.....	45,705	50,583	56,910
Italy.....	402,498	443,802	445,480	Colombia.....	58,890	57,508	77,003
Netherlands.....	194,532	261,847	170,427	Peru.....	27,969	27,039	35,910
Norway.....	29,730	17,359	46,933	Uruguay.....	24,754	5,556	9,941
Poland and Danzig.....	273,329	162,990	147,887	Venezuela.....	72,717	72,293	98,232
Rumania.....	1,254	6,819	6,211	India and Ceylon.....	35,910	20,965	23,617
U. S. S. R., Europe and Asia.....	94,154	68,652	28,301	British Malaya.....	13,158	14,508	23,123
Sweden.....	130,765	31,419	211,709	China.....	167,965	35,537	52,202
United Kingdom.....	1,224,144	522,931	671,058	Netherlands Indies.....	49,713	18,512	53,599
Canada.....	642,165	368,542	565,788	Hong Kong.....	43,632	44,300	16,639
Central America.....	48,893	44,979	74,371	Japan.....	2,784,420	1,863,797	2,229,838
Mexico.....	213,411	66,620	124,352	Kwantung.....	106,358	95,100	65,633
British West Indies and Bermudas.....	14,758	9,100	10,430	Palestine and Syria.....	3,866	3,387	9,263
Cuba.....	61,451	61,755	77,566	Philippine Islands.....	96,922	106,034	147,688
Dominican Republic.....	5,074	3,710	5,462	Turkey.....	35,830	18,773	6,304
Netherlands West In- dies.....	26,391	26,190	17,369	Australia.....	30,517	30,699	10,502
				British South Africa.....	64,843	43,027	55,979
				Mozambique.....	35,826	16,508	17,562
				All other.....	166,463	124,962	197,033

<sup>1</sup> Preliminary.

Source of tables 772 and 773: Dept. of Commerce, Bur. of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the U. S. Figures, except by destination, are published currently in Monthly Summary of Foreign Commerce of the U. S.

No. 774.—IRON AND STEEL—AVERAGE ANNUAL PRICES, BY CLASS OR KIND: 1891 TO 1939

(Prices of pig iron, rails, and billets, and wire rods in dollars per long ton (2,240 pounds); other prices in dollars per 100 pounds)

YEAR	PIG IRON			Open hearth rails at mills in Pennsylvania <sup>1</sup>	Open hearth steel billets, Pittsburgh <sup>2</sup>	Wire rods, Pittsburgh	Soft-steel bars, Pittsburgh	Iron bars (best refined), Pittsburgh <sup>4</sup>	Tank plates, Pittsburgh	Structural shapes, Pittsburgh <sup>4</sup>	Com- pofished steel <sup>4</sup>
	Basic, The Valleys	South-ern, No. 2, Cincinnati	Local, No. 2, Chicago <sup>1</sup>								
1891-1895		11.74	12.80	27.27	20.89			1.46			
1896-1900		12.56	14.80	24.00	21.08		7 1.49	1.50	1.61	7 1.03	
1901-1905		15.80	17.50	27.87	25.78		1.47	1.77	1.60	1.03	
1906-1910	16.87	17.66	19.42	28.00	26.00		1.47	1.75	1.57	1.53	1.77
1911	13.07	13.07	14.85	28.00	21.46		1.26	1.41	1.31	1.32	1.54
1912	13.92	14.95	15.32	28.00	22.38		1.29	1.44	1.33	1.32	1.53
1913	14.71	14.90	15.85	28.00	25.79		1.55	1.69	1.50	1.50	1.06
1914	12.87	13.41	13.60	28.00	20.09		1.31	1.32	1.14	1.15	1.43
1915	13.74	13.67	14.01	28.00	22.44		1.31	1.48	1.31	1.30	1.53
1916	19.76	18.67	20.26	32.00	43.95		2.67	2.13	3.53	2.55	2.87
1917	38.90	38.56	41.31	38.00	70.06		3.64	3.33	5.38	3.97	4.19
1918	32.50	36.56	33.25	55.00	47.33		2.89	4.31	3.24	2.99	3.54
1919	27.67	32.17	29.11	47.29	40.94	53.98	2.50	4.10	2.72	2.52	3.12
1920	42.26	44.52	42.52	52.42	56.14	69.55	3.22	4.75	3.28	2.95	3.74
1921	27.73	26.68	22.93	44.06	34.46	45.94	1.87	4.47	1.93	1.94	2.44
1922	24.20	23.93	24.85	40.75	33.00	40.49	1.72	3.35	1.72	1.71	2.12
1923	26.81	27.87	28.10	43.00	41.75	50.39	2.36	3.50	2.43	2.43	2.70
1924	26.24	23.91	22.10	43.00	37.99	48.31	2.20	4.00	2.12	2.19	2.51
1925	18.59	23.74	22.09	43.00	35.62	46.05	2.02	4.52	1.91	1.99	2.33
1926	15.55	24.71	21.64	43.00	35.00	45.00	2.00	4.62	1.88	1.95	2.32
1927	17.70	21.16	19.68	43.00	33.27	42.44	1.84	4.68	1.82	1.83	2.20
1928	16.66	19.70	18.54	43.00	32.67	42.55	1.87	4.64	1.87	1.87	2.17
1929	18.19	18.51	20.00	43.00	34.66	41.50	1.92	4.13	1.93	1.92	2.21
1930	17.98	16.16	18.47	43.00	31.84	36.91	1.71	4.11	1.69	1.60	2.05
1931	15.85	14.62	17.35	43.00	20.36	35.03	1.03	3.69	1.62	1.62	1.96
1932	13.98	13.84	15.87	42.44	26.51	37.00	1.57	3.35	1.57	1.57	1.90
1933	15.24	16.31	16.47	39.26	26.00	35.15	1.64	3.35	1.61	1.68	1.88
1934	17.69	18.80	18.19	36.37	27.10	37.37	1.81	3.50	1.78	1.78	2.03
1935	18.17	19.34	18.68	36.37	27.25	38.21	1.81	3.50	1.80	1.80	2.06
1936	19.10	19.99	19.60	36.59	29.08	39.12	1.93	3.70	1.85	1.85	2.08
1937	22.99	23.20	23.49	41.83	36.45	46.27	2.40	4.50	2.21	2.21	2.46
1938	21.70	22.18	22.20	41.77	35.45	44.93	2.35	4.50	2.17	2.17	2.39
1939	21.09	21.64	21.59	40.00	34.00	43.00	2.19	4.40	2.10	2.10	2.26

<sup>1</sup> At furnace after 1907. <sup>2</sup> Bessemer rails prior to Oct. 22, 1921. <sup>3</sup> Bessemer billets prior to 1927. <sup>4</sup> Muck iron in 1891.  
<sup>5</sup> Beams prior to Mar. 19, 1929.  
<sup>6</sup> Prior to 1920, No. 24 gage hot-rolled annealed sheets; thereafter, No. 10. Includes hot-rolled strip beginning 1920.  
<sup>7</sup> Average for 1898-1900.

No. 775.—ALUMINUM AND BAUXITE—PRODUCTION, EXPORTS, AND IMPORTS: 1913 TO 1939

	1913	1920	1925	1930	1935	1938	1939
<b>BAUXITE</b>							
Quantities, long tons (2,240 pounds):							
Production	210,241	521,808	316,540	330,612	233,912	311,354	375,301
Georgia, Alabama, and Tennessee <sup>1</sup>	40,370	40,029	20,220	15,339	14,121	18,074	14,045
Arkansas	169,871	481,779	296,320	315,273	219,791	293,280	361,256
Imports for consumption	21,456	42,805	353,096	409,678	199,959	455,693	520,179
Exports, including concentrates	( <sup>4</sup> )	22,257	78,633	104,504	82,491	57,726	51,635
Value of production <sup>2</sup> (\$1,000 dollars)	998	3,247	1,988	1,928	1,557	1,813	2,166
<b>ALUMINUM</b>							
Value, 1,000 dollars:							
Production—							
Primary metal	9,450	41,375	38,430	50,961	22,070	56,659	64,600
Secondary metal	2,199	9,489	24,816	17,177	10,018	15,326	( <sup>4</sup> )
Imports for consumption, total	4,784	13,077	10,107	5,286	4,279	3,379	4,768
Crude and semicrude	4,388	12,184	9,806	4,600	3,604	2,491	3,385
Manufactures	396	893	301	586	585	888	1,381
Exports, total	966	5,631	5,057	7,122	2,067	5,484	23,631
Crude and semicrude		3,068	3,866	3,916	694	3,912	20,872
Manufactures		2,563	2,691	3,206	1,373	1,572	2,759
Quantities, 1,000 pounds:							
Imports (crude and semicrude)	25,095	39,299	41,997	25,461	21,291	17,740	28,673
Exports (crude and semicrude)	( <sup>4</sup> )	9,408	12,642	17,330	3,070	12,618	74,170

<sup>1</sup> Includes small quantity of activated bauxite. <sup>2</sup> Includes sintered. <sup>3</sup> F. o. b. mines.  
<sup>4</sup> No production in Tennessee since 1928. <sup>5</sup> Unavailable.

Sources: Table 774, Iron Age, published Jan. 4, 1940, and American Iron and Steel Institute, annual report; table 775, Department of the Interior, Bureau of Mines, Minerals Yearbook.

No. 776.—COPPER—PRODUCTION, EXPORTS, IMPORTS, AND CONSUMPTION:  
1910 TO 1939

NOTE.—All quantities except ore produced in millions and tenths of millions of pounds. Production figures include continental United States and Alaska. Owing to the varying stages of production, the stocks in different classes of hands, the redistribution of copper previously purchased, the recovery and use of old copper, etc., calculations of consumption are somewhat uncertain. The American Bureau of Metal Statistics presents consumption estimates rather widely different from those given below. Consumption as shown represents the quantity of copper withdrawn on domestic account, but not actual domestic consumption, as no account is taken of consumers' stocks

ITEM	1910	1920	1925	1930	1935	1937	1938	1939
<b>UNREFINED COPPER</b>								
Ore produced (million short tons) 1...	28.5	36.8	53.1	47.4	19.1	♯ 61.5	♯ 37.8	(3)
Average copper yield, percent.....	1.88	1.63	1.54	1.43	1.89	1.29	1.34	(3)
Smelter output from domestic ore.....	1,080.2	1,209.1	1,674.9	1,394.4	762.6	1,669.3	1,124.7	1,425.3
Mine production.....	1,082.2	1,224.6	1,678.1	1,410.1	761.0	1,684.0	1,115.5	1,450.6
Imports, unrefined:								
Ore (copper content).....	64.2	52.0	107.6	101.3	15.3	32.3	15.0	♯ 12.3
Concentrates (copper content).....	21.0	{ 46.8	{ 54.0	{ 59.9	{ 60.4	{ 103.7	{ 124.5	{ 124.3
Mattes and regulus (copper content).....		{ 17.6	{ 1.7	{ 4.7	{ 5.5	{ 10.4	{ 5.0	{ 5.7
Unrefined, in bars, pigs, etc.....	♯ 259.2	244.7	379.3	560.5	395.9	391.8	363.6	490.3
<b>REFINED COPPER PRODUCTION</b>								
Total new and old copper.....	1,611.0	2,151.0	3,045.0	3,091.0	2,075.4	3,197.8	2,304.5	3,018.4
New copper (primary).....	1,422.0	1,526.2	2,204.6	2,157.1	1,177.6	2,133.6	1,584.8	2,019.0
Domestic.....	1,071.9	1,182.4	1,682.9	1,391.2	676.6	1,644.5	1,105.1	1,409.7
Foreign.....	350.1	343.7	521.7	765.8	501.0	489.1	479.7	1,009.3
Electrolytic.....	1,128.3	1,351.7	2,050.6	1,993.6	♯ 1,103.7	♯ 2,035.1	♯ 1,512.0	♯ 1,934.1
Lake.....	221.8	153.5	138.0	143.0	♯ 73.6	♯ 84.0	♯ 72.0	♯ 84.9
Casting and best select.....	72.3	♯ 21.0	15.9	20.5	.3	14.5	.2	-----
Secondary copper (from new and old scrap).....	189.0	624.0	840.4	934.4	897.8	1,064.2	719.7	990.4
<b>REFINED COPPER CONSUMPTION</b>								
New copper produced (refinery).....	1,422.0	1,526.2	2,204.6	2,157.1	1,177.6	2,133.6	1,584.8	2,019.0
Refined copper imported.....	(5)	108.7	99.8	86.2	36.1	15.0	3.6	32.5
Refined copper exported.....	♯ 703.3	♯ 553.1	1,022.3	669.3	550.0	620.8	770.4	792.8
Stocks, Dec. 31 (refined).....	122.8	659.0	124.0	615.0	350.0	358.0	362.0	191.0
Withdrawn on domestic account:								
New refined copper.....	732.4	1,053.8	1,401.0	1,265.0	832.7	1,389.8	814.0	1,429.7
New and old copper.....	921.0	1,879.0	2,241.0	2,199.0	1,780.0	2,454.0	1,534.0	(3)

<sup>1</sup> Tons of 2,000 pounds. Old tailings are included beginning with 1930.

<sup>2</sup> Exclusive of Alaska, figures for which the Bureau of Mines is not at liberty to publish.

<sup>3</sup> Not available.

<sup>4</sup> Ore from the Philippine Islands included under concentrates.

<sup>5</sup> Imports of refined copper in ingots, bars, or other forms included in imports of unrefined.

<sup>6</sup> Some copper from Michigan was electrolytically refined and is included with electrolytic.

<sup>7</sup> Includes pig.

<sup>8</sup> Includes small exports of unrefined black blister and converter copper (bars, pigs, etc.).

No. 777.—COPPER—SMELTER PRODUCTION, BY STATE OF ORIGIN OF ORE:  
1910 TO 1939

[Quantities in thousands of pounds]

STATE OF ORIGIN	1910	1920	1925	1930	1935	1937	1938	1939
<b>Total</b> .....	<b>1,080,180</b>	<b>1,209,061</b>	<b>1,674,870</b>	<b>1,394,389</b>	<b>762,587</b>	<b>1,669,322</b>	<b>1,124,667</b>	<b>1,425,349</b>
Alaska.....	4,311	66,094	72,204	36,380	14,602	42,215	33,493	304
Arizona.....	297,261	552,939	722,653	570,807	278,519	580,493	420,351	469,713
California.....	45,760	11,822	46,944	26,262	1,630	10,616	1,681	8,491
Colorado.....	9,307	4,283	3,163	12,944	14,341	21,826	30,664	25,649
Idaho.....	6,878	1,922	3,144	2,714	2,125	4,804	5,611	4,632
Michigan.....	221,463	163,484	138,030	142,986	73,812	84,751	75,281	89,402
Missouri.....		533	12	2	85	696	626	1,020
Montana.....	283,079	177,744	270,605	198,796	157,760	280,662	156,250	203,512
Nevada.....	64,495	55,580	77,138	87,475	72,819	149,964	93,656	184,543
New Mexico.....	3,785	52,160	76,467	74,188	4,560	63,574	43,913	74,084
Oregon.....	22	2,529	126	230	372	870	89	90
Pennsylvania.....	741	618	552	3,061	(1)	(1)	(1)	(1)
Tennessee.....	16,692	16,728	19,789	(1)	(1)	(1)	(1)	(1)
Utah.....	125,185	110,353	242,731	205,770	120,973	404,169	229,877	320,117
Washington.....	65	2,126	1,185	1,405	81	124	12,494	16,756
Undistributed.....	1,127	92	117	♯ 31,280	♯ 20,909	♯ 24,568	♯ 20,771	♯ 21,131

<sup>1</sup> Included under "Undistributed."

<sup>2</sup> See note 1.

Source of tables 776 and 777: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 778.—COPPER—SMELTER AND REFINERY OUTPUT: 1850 TO 1939

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 776

[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)			Secondary copper
	Quantity	Value		Quantity	Value	New copper			
						Total <sup>1</sup>	Domestic	Foreign <sup>1</sup>	
1850.....	1½	320	1916.....	1,928	474,288	2,259	1,928	331	700
1860.....	16	3,709	1917.....	1,886	514,911	2,428	1,886	542	767
1870.....	28	5,097	1918.....	1,909	471,408	2,432	1,883	549	705
1871-1875.....	34	8,895	1919.....	1,286	239,274	1,805	1,433	372	574
1876-1880.....	50	9,070	1920.....	1,209	222,467	1,526	1,182	344	625
1881-1885.....	118	17,236	1921.....	506	65,221	951	600	341	455
1886-1890.....	226	30,345	1922.....	959	128,289	1,256	905	351	672
1891-1895.....	339	37,266	1923.....	1,435	210,945	1,980	1,464	516	822
1896-1900.....	531	74,424	1924.....	1,634	214,037	2,260	1,674	586	777
1901-1905.....	732	103,859	1925.....	1,675	237,832	2,205	1,583	522	840
1906-1910.....	980	150,924	1926.....	1,740	243,547	2,322	1,731	591	960
1911-1915.....	1,221	185,592	1927.....	1,684	220,600	2,325	1,719	607	950
1916-1920.....	1,644	395,270	1928.....	1,826	262,930	2,488	1,762	720	1,073
1921-1925.....	1,240	171,275	1929.....	2,063	352,504	2,740	1,883	757	1,253
1926-1930.....	1,729	252,172	1930.....	1,394	181,271	2,157	1,391	766	934
1931-1935.....	658	52,066	1931.....	1,043	94,887	1,501	1,075	427	694
1909.....	1,093	142,084	1932.....	544	34,273	681	445	236	496
1910.....	1,080	137,180	1933.....	450	28,800	742	481	260	676
1911.....	1,097	137,154	1934.....	489	39,076	801	460	425	755
1912.....	1,243	205,139	1935.....	703	63,295	1,178	677	501	898
1913.....	1,224	189,765	1936.....	1,223	112,499	1,645	1,291	354	969
1914.....	1,150	152,068	1937.....	1,669	201,983	2,134	1,645	489	1,064
1915.....	1,388	242,902	1938.....	1,125	110,216	1,585	1,105	480	720
			1939.....	1,425	143,236	2,019	1,410	600	990

<sup>1</sup> Figures for 1919 and prior years include data for refined copper imported.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 779.—COPPER—EXPORTS AND IMPORTS: 1891 TO 1939

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 <sup>1</sup> .....	65,586	14,392	5,477	896	1920.....	499,237	183,405	487,156	153,710
1896-1900.....	137,684	36,745	24,654	5,866	1930.....	376,647	105,842	408,577	104,610
1901-1905.....	190,451	54,942	83,237	22,611	1931.....	278,937	54,748	282,946	48,745
1906-1910.....	289,445	92,334	130,111	38,026	1932.....	164,111	21,236	195,996	28,735
1911-1915.....	418,840	123,656	170,635	46,129	1933.....	174,627	24,917	126,639	14,984
1916-1920.....	376,377	208,909	244,948	103,806	1934.....	312,743	49,765	199,539	37,780
1921-1925.....	438,337	129,761	298,975	77,811	1935.....	302,873	48,933	240,528	33,213
1926-1930.....	401,290	149,999	407,630	108,244	1936.....	262,417	50,668	153,788	29,884
1931-1935.....	249,658	39,820	211,183	29,662	1937.....	350,317	93,526	227,479	52,562
1927.....	533,305	150,214	359,161	84,963	1938.....	422,014	86,809	205,713	37,872
1928.....	562,510	169,831	393,637	98,137	1939.....	427,579	97,185	230,669	44,230

<sup>1</sup> Fiscal years ended June 30.

<sup>2</sup> Average for period July 1, 1915, to Dec. 31, 1920.

<sup>3</sup> Imports for consumption; general imports prior to 1933.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the U. S. Also published currently in Monthly Summary of Foreign Commerce of the U. S.

NO. 780.—LEAD, RECOVERABLE—MINE PRODUCTION, BY STATES AND FOR ALASKA: 1920 TO 1939

[In short tons (2,000 pounds)]

STATE	1920	1925	1930	1935	1936	1937	1938	1939 <sup>1</sup>
Total	496,814	684,439	558,313	331,103	372,919	464,892	369,726	413,979
Western States and Alaska	248,131	364,387	312,413	193,436	218,287	254,468	202,953	209,214
Alaska	875	789	1,365	670	941	823	904	937
Arizona	6,935	11,933	4,246	7,733	10,638	12,354	10,371	10,771
Colorado	23,815	31,433	22,130	5,673	7,287	9,786	9,465	8,222
Idaho	113,555	126,521	134,058	79,020	91,339	103,711	92,177	90,681
Montana	14,846	18,765	10,653	15,589	19,059	17,957	9,327	16,555
Nevada	10,100	12,238	11,529	12,678	10,712	9,347	4,379	4,236
New Mexico	1,435	3,210	10,378	7,289	6,626	6,512	4,949	5,392
Utah	66,898	153,335	115,495	63,510	69,836	89,455	65,657	67,634
Washington	2,749	2,314	1,028	1,028	840	2,830	4,284	3,718
Other	2,413	3,204	1,933	1,128	1,020	1,990	860	763
Central States	246,780	317,375	237,533	132,682	148,536	204,885	158,873	193,481
Kansas	16,452	22,775	12,910	10,892	11,409	16,008	15,239	13,697
Missouri	161,812	211,566	199,632	97,493	110,428	157,631	122,027	156,281
Oklahoma	64,086	79,946	23,052	23,405	25,427	29,840	21,004	27,720
Other	4,430	3,088	1,939	892	1,272	1,406	603	783
Eastern States	1,903	2,677	8,367	4,982	5,996	5,539	7,900	6,284
New York								
Tennessee	1,880	448	8,367	4,982	5,996	5,539	7,896	6,284
Virginia		2,229						
North Carolina							4	

<sup>1</sup> Preliminary. <sup>2</sup> Includes small quantities produced in Massachusetts, Pennsylvania, and Georgia.

NO. 781.—LEAD—PRODUCTION OF REFINED PRIMARY AND SECONDARY LEAD, 1830 TO 1939, AND BY CLASS AND SOURCE: 1880 TO 1939

NOTE.—Production in short tons (2,000 pounds); values, except price per pound, in thousands of dollars. Figures, except those for antimonial and secondary lead, relate to new (primary) lead only; totals include lead derived from both domestic (including Alaska) and foreign ore. General production figures and production of desilverized lead exclude lead content of antimonial lead, shown in next to last column

YEAR	Production	Value	YEAR	Production	Value	YEAR	Production	Value
1830	8,000	608	1906	404,746	49,141	1923	618,322	86,565
1840	17,000	1,666	1907	413,389	43,819	1924	690,493	110,479
1850	22,000	2,112	1908	396,564	33,311	1925	760,969	133,453
1860	15,600	1,778	1909	446,900	33,434	1926	798,041	127,831
1870	17,830	2,247	1910	470,272	41,384	1927	796,530	100,363
1880	95,725	9,573	1911	456,079	43,828	1928	781,071	90,604
1885	126,192	10,095	1912	480,894	43,280	1929	774,633	97,604
1890	157,844	14,206	1913	462,460	40,696	1930	643,033	64,303
1895	235,822	16,093	1914	542,122	42,286	1931	442,764	32,765
1898	302,148	22,963	1915	550,055	51,705	1932	281,941	16,916
1899	298,047	26,824	1916	571,134	78,817	1933	263,676	19,512
1900	367,773	32,304	1917	610,769	105,052	1934	311,236	23,031
1901	371,032	30,909	1918	640,195	90,908	1935	324,560	25,965
1902	367,892	30,167	1919	482,220	51,115	1936	399,156	36,722
1903	388,639	30,991	1920	529,657	84,745	1937	467,317	55,143
1904	393,452	33,837	1921	448,589	40,373	1938	383,669	35,298
1905	388,307	36,501	1922	532,662	58,593	1939	434,035	45,400

YEAR	CLASS		SOURCE			Average value per pound	Antimonial lead, at primary refineries	Secondary lead recovered, total
	Desilverized <sup>1</sup>	Soft undesilverized <sup>2</sup>	Domestic ores and bullion <sup>3</sup>	Foreign ores	Foreign base bullion			
1880	65,035	27,690	95,725			\$0.050		
1890	126,493	31,351	139,720		18,124	.045		
1900	319,752	48,021	280,918		106,855	.044		
1910	328,954	141,318	375,402	18,065	76,805	.044	55,422	
1920	339,803	139,854	476,849	8,414	44,394	.080	124,650	
1925	506,409	280,560	654,921	47,024	65,024	.087	226,880	
1930	441,672	201,361	573,740	34,348	34,945	.050	24,797	
1935	227,777	96,783	310,505	13,659	396	.040	16,384	
1936	287,406	111,750	387,698	11,401	57	.046	23,230	
1937	327,368	139,949	443,142	23,393	782	.059	27,524	
1938	275,877	107,762	331,964	32,862	18,843	.046	24,123	
1939	345,705	138,330	420,967	24,652	38,416	.047	21,995	

<sup>1</sup> Desilverized soft lead is included.

<sup>2</sup> Soft lead, both desilverized and undesilverized, includes lead derived from Missouri ores and other non-argentiferous ores.

<sup>3</sup> Excludes lead content of antimonial lead.

<sup>4</sup> Not available.

Source of tables 780 and 781: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 782.—LEAD—SUPPLY AND DISTRIBUTION OF REFINED PRIMARY PIG: 1910 TO 1939

NOTE.—All data in short tons (2,000 pounds). Apparent deliveries are only approximate, as no account (except for bonded warehouses prior to 1933) is taken of changes in stocks

	1910	1920	1925	1930	1935	1937	1938	1939
Supply, total.....	473, 836	565, 810	779, 035	644, 570	325, 882	469, 555	385, 574	489, 423
Stock in bonded warehouses.....								
Jan. 1.....	79	234	5, 045	1, 328	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Imports of pigs, bars, and old.....	3, 435	35, 719	7, 021	200	1, 322	2, 238	1, 905	5, 388
Production from domestic and foreign ore.....	470, 272	529, 057	766, 969	643, 033	324, 500	467, 317	383, 669	484, 035
Deductions, total.....	69, 861	21, 416	111, 681	49, 636	6, 982	20, 091	<sup>2</sup> 45, 868	74, 392
Exports of pigs, bars, etc. <sup>4</sup> .....	69, 786	20, 093	103, 519	48, 307	6, 982	20, 091	<sup>3</sup> 45, 868	74, 392
Stock in bonded warehouses.....								
Dec. 31.....	75	1, 322	8, 162	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Apparent deliveries to domestic consumers.....	403, 875	544, 195	667, 354	594, 935	318, 900	449, 464	339, 708	415, 031

<sup>1</sup> 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 and subsequent years, stocks in warehouse are estimated to have remained unchanged from beginning of the year.

<sup>2</sup> Includes small quantities of old, reclaimed, and scrap lead.

<sup>3</sup> Includes a small quantity, not separable, of "sheets."

<sup>4</sup> Including small quantities of foreign lead reexported through 1935.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 783.—NON-FERROUS METALS AND ALLOYS, AND FINISHED PRODUCTS THEREOF—PRODUCTION, BY KIND: 1933, 1935, AND 1937

NOTE.—Table shows products made for sale and interplant transfer, excluding those made for consumption in same works. Data represent production of commodities specified, whether made as primary or as secondary products by industries reporting them. The census designations of industries in which these commodities are made as primary products are as follows: "Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified," and "Smelting and refining, nonferrous metals other than gold, silver, and platinum, not from the ore." No data are included for establishments engaged in smelting and refining concentrates containing copper, lead, zinc, and other nonferrous metals

KIND	TONS (2,000 POUNDS)			VALUE (THOUSANDS OF DOLLARS)		
	1933	1935	1937	1933	1935	1937
Ingot and pigs:						
Copper (secondary).....	29, 277	29, 281	39, 890	4, 180	4, 935	9, 499
Lead (secondary).....	119, 095	129, 512	125, 520	9, 913	11, 420	15, 437
Zinc (secondary).....	23, 337	31, 058	47, 918	2, 037	3, 044	6, 221
Brass and bronze.....	58, 641	74, 388	138, 782	8, 018	<sup>1</sup> 14, 381	34, 348
Antifriction bearing metal.....	12, 814	19, 638	40, 970	4, 324	<sup>1</sup> 6, 520	11, 074
Solders, of all kinds.....	26, 740	38, 950	58, 540	11, 241	<sup>1</sup> 16, 720	28, 622
Type metal.....	22, 428	28, 381	34, 756	2, 762	<sup>1</sup> 4, 234	6, 268
Plates and sheets:						
Brass and bronze.....	117, 559	153, 864	195, 822	28, 754	44, 606	78, 798
Copper.....	69, 287	93, 014	104, 366	17, 237	26, 143	36, 350
Lead.....	12, 284	17, 332	22, 503	1, 537	2, 309	3, 776
Nickel alloys.....	10, 641	14, 831	17, 899	5, 710	7, 713	10, 795
Zinc.....	24, 957	49, 921	63, 744	4, 306	8, 131	12, 342
Rods:						
Brass and bronze.....	68, 821	94, 261	139, 743	14, 279	23, 894	43, 240
Copper.....	80, 470	111, 334	199, 374	12, 588	22, 387	44, 080
Nickel and other metals and alloys.....				4, 229	6, 400	8, 790
Extruded shapes.....				1, 438	5, 966	6, 077
Tubing (seamless) and pipe:						
Brass and bronze.....	38, 730	47, 834	78, 805	10, 780	16, 626	34, 870
Copper.....	29, 575	33, 992	57, 999	9, 055	12, 039	23, 282
Lead.....	13, 485	16, 829	22, 965	1, 953	2, 455	3, 928
Nickel alloys.....	792	1, 304	1, 918	600	1, 522	2, 155
Other tubing.....				520	1, 369	2, 183
Castings, rough:						
Brass and bronze:						
Quantity reported.....	36, 543	51, 598	126, 281	11, 917	19, 156	49, 354
Quantity not reported.....				4, 658	14, 303	
Copper.....	1, 367	1, 820	3, 901	664	<sup>1</sup> 771	2, 214
Nickel alloys <sup>2</sup> .....	3, 313	2, 256	4, 233	2, 838	<sup>2</sup> 2, 480	4, 490
Finished products:						
Castings, finished.....				3, 530	4, 356	3, 475
Bearings and bushings (including anti-friction linings).....				9, 533	21, 209	43, 255
Die castings.....				7, 962	20, 267	28, 073
Forgings and hot-pressed parts.....				1, 781	2, 728	6, 837
Bells.....				161	351	407

<sup>1</sup> Not including the value of ingots and pigs for which no quantity was reported as follows: Brass and bronze, \$197,000; antifriction bearing metal, \$1,185,000; solders, \$2,610,000; type metal, \$214,000.

<sup>2</sup> Not including the value of castings for which no quantity was reported as follows: Copper, \$844,000; nickel alloys, \$410,000.

<sup>3</sup> Includes nonferrous heat-corrosion-resistant alloy castings.

Source: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.



**No. 784.—ZINC—PRODUCTION OF ORE, BY STATES, SMELTER PRODUCTION, AND  
PRIMARY SLAB ZINC AVAILABLE FOR CONSUMPTION: 1910 TO 1939**

NOTE.—The excess of mine production over smelter production is due chiefly to export of ore

[All quantity figures in short tons (2,000 pounds); values in thousands of dollars]

	1910	1920	1925	1930	1935	1937	1938	1939 <sup>1</sup>
<b>Mine production (recoverable zinc content of ore).....</b>	<b>327, 618</b>	<b>587, 524</b>	<b>710, 847</b>	<b>595, 425</b>	<b>517, 903</b>	<b>628, 362</b>	<b>516, 703</b>	<b>683, 807</b>
Arizona.....	2, 742	720	3, 666	815	3, 337	5, 026	5, 814	6, 711
Colorado.....	38, 645	24, 395	30, 811	36, 259	1, 202	4, 247	4, 553	1, 830
Idaho.....	2, 802	13, 966	15, 619	37, 649	31, 053	54, 199	44, 030	47, 549
Kansas.....	13, 229	61, 073	118, 778	74, 304	64, 110	80, 300	73, 024	68, 071
Missouri.....	128, 569	24, 509	14, 794	10, 811	7, 263	20, 600	10, 226	15, 996
Montana.....	15, 819	92, 169	57, 658	26, 421	54, 781	39, 168	8, 844	34, 799
Nevada.....	1, 354	5, 349	7, 411	14, 584	15, 536	14, 236	8, 944	5, 225
New Jersey.....	68, 584	78, 511	89, 261	97, 626	85, 708	101, 408	85, 839	85, 716
New Mexico.....	0, 044	5, 007	9, 246	32, 765	22, 126	23, 927	28, 230	20, 860
New York.....		5, 654	5, 158	22, 471	33, 720	32, 690	20, 806	36, 014
Oklahoma.....	6, 394	219, 727	283, 371	136, 153	129, 763	135, 696	112, 924	140, 379
Tennessee.....	966	19, 217	16, 256	48, 147	2 42, 832	2 55, 255	2 50, 760	2 50, 225
Utah.....	8, 184	4, 079	26, 306	44, 495	31, 107	48, 001	33, 658	34, 520
Washington.....		213	609	352	1	4, 116	11, 402	10, 131
Wisconsin.....	25, 927	27, 285	20, 280	12, 658	8, 923	6, 938	2, 073	5, 004
Other States.....	5, 439	5, 641	11, 673	15	441	555	474	1, 372
<b>Smelter production.....</b>	<b>310, 407</b>	<b>506, 227</b>	<b>634, 376</b>	<b>547, 345</b>	<b>(<sup>3</sup>)</b>	<b>621, 444</b>	<b>488, 611</b>	<b>560, 499</b>
Primary zinc.....	269, 184	463, 377	572, 940	498, 045	420, 634	556, 904	446, 341	507, 230
From domestic ore.....	252, 479	450, 045	555, 631	489, 361	412, 184	551, 165	430, 007	491, 053
From foreign ore.....	16, 705	13, 332	17, 315	8, 684	4 8, 460	4 5, 739	4 10, 334	4 10, 178
Secondary zinc.....	41, 223	42, 850	61, 430	49, 300	( <sup>3</sup> )	64, 540	42, 270	53, 263
Redistilled.....	12, 784	21, 371	39, 181	34, 849	28, 650	51, 554	31, 613	50, 428
Remelted.....	28, 439	21, 479	22, 249	14, 451	( <sup>3</sup> )	12, 986	10, 657	2, 835
<b>Value of primary product from domestic ore (\$1,000).....</b>	<b>27, 268</b>	<b>72, 907</b>	<b>84, 456</b>	<b>46, 979</b>	<b>30, 272</b>	<b>71, 651</b>	<b>41, 837</b>	<b>51, 070</b>
<b>Primary slab zinc:</b>								
Supply, total.....	281, 379	500, 170	593, 700	584, 230	549, 861	649, 612	532, 715	605, 707
Stock at smelters, Jan. 1.....	11, 206	36, 768	20, 754	85, 904	124, 783	55, 500	79, 144	157, 511
Production.....	269, 184	463, 377	572, 946	498, 045	420, 634	556, 904	446, 341	507, 236
Imports for consumption.....	989	( <sup>5</sup> )	( <sup>5</sup> )	281	4, 444	37, 208	7, 230	30, 990
<b>Deductions:</b>								
Exports.....	73, 990	102, 178	76, 351	4, 633	1, 617	249	2 200	4, 515
Stock at smelters, Dec. 31.....	23, 232	71, 037	13, 080	167, 293	90, 539	79, 144	157, 511	83, 728
<b>Apparent deliveries to domestic consumers.....</b>	<b>254, 157</b>	<b>326, 955</b>	<b>504, 269</b>	<b>412, 504</b>	<b>457, 705</b>	<b>570, 219</b>	<b>375, 004</b>	<b>607, 464</b>

<sup>1</sup> Preliminary.<sup>2</sup> Includes Virginia.<sup>3</sup> Figures are being revised.<sup>4</sup> Derived from Mexican ores in 1935; mostly from Peru, 1937-38; and from Mexico, Peru, and Argentina in 1939.<sup>5</sup> Includes small quantity of secondary electrolytic zinc.<sup>6</sup> Less than one-half of 1 ton.<sup>7</sup> Includes plates and sheets; not separately reported.<sup>8</sup> Estimated; not separately recorded.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

**No. 785.—ZINC, PRIMARY—SMELTER PRODUCTION FROM DOMESTIC ORE: 1875  
TO 1939**

 [Quantities in short tons (2,000 pounds); values<sup>1</sup> 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	1930.....	489, 361	46, 970
1880 <sup>2</sup> .....	23, 239	2, 277	1926-1930.....	576, 395	73, 110	1931.....	291, 996	22, 192
1885.....	40, 688	3, 540	1931-1935.....	314, 541	25, 432	1932.....	207, 148	12, 429
1886-1890.....	54, 285	5, 219	1923.....	508, 335	69, 134	1933.....	306, 010	26, 705
1891-1895.....	82, 396	6, 787	1924.....	515, 331	67, 058	1934.....	355, 366	30, 561
1896-1900.....	109, 993	10, 180	1925.....	556, 631	84, 456	1935.....	412, 184	36, 272
1901-1905.....	109, 504	17, 067	1926.....	611, 991	91, 799	1936.....	491, 803	49, 180
1906-1910.....	219, 378	24, 165	1927.....	576, 960	73, 851	1937.....	551, 165	71, 651
1911-1915.....	346, 867	52, 416	1928.....	591, 525	72, 166	1938.....	436, 007	41, 857
1916-1920.....	508, 731	66, 812	1929.....	612, 136	80, 802	1939.....	491, 068	51, 070

<sup>1</sup> Values at New York prices, up to and including 1907; at St. Louis prices, 1908 to 1914; at average price of all grades, 1915 and later years.<sup>2</sup> Computed at yearly average of high and low monthly prices at New York.<sup>3</sup> Census year ended May 31.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 786.—GOLD AND SILVER—PRODUCTION IN CONTINENTAL UNITED STATES,  
ALASKA, PUERTO RICO, AND PHILIPPINE ISLANDS: 1792 TO 1939

NOTE.—The value of gold, in terms of money, being at a fixed rate, is not shown in the table. Gold is valued at \$20.67+ per fine troy ounce from 1837 through 1933. In 1933, however, varying higher prices prevailed subsequent to the Executive order of Aug. 29. The value of gold production for 1933, as computed by the Bureau of Mines, was \$65,338,000, including \$52,842,000 calculated at legal coinage value (\$20.67+ per ounce) plus \$12,496,000 premium calculated at average weighted price (\$25.56 per ounce). On Jan. 31, 1934, the legal value of gold was fixed at \$35 per fine ounce. The value of silver given is commercial value, except for 1921 to June 1923 and beginning 1934 (see footnotes 1 and 2), which 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
1848-1850	4,838	116	152	1909	4,822	54,722	28,455
1851-1855	14,271	104	259	1910	4,657	57,138	30,855
1856-1860	12,384	309	418	1911	4,687	60,309	32,616
1861-1865	10,716	28,811	38,674	1912	4,621	63,767	30,198
1866-1870	12,226	49,113	65,261	1913	4,800	60,802	40,348
1871-1875	8,826	121,083	156,270	1914	4,573	72,455	40,068
1876-1880	10,301	167,681	182,508	1915	4,888	74,961	37,397
1881-1885	7,730	182,841	202,807	1916	4,479	74,415	48,953
1886-1890	8,078	231,819	227,495	1917	4,051	71,740	59,078
1891-1895	9,107	287,057	227,960	1918	3,321	67,810	66,485
1896-1900	15,729	279,544	172,689	1919	2,919	56,682	63,534
1901-1905	19,394	278,798	159,548	1920	2,476	55,362	60,802
1906-1910	22,993	277,333	162,916	1921	2,422	53,052	153,052
1911-1915	22,908	338,384	189,620	1922	2,363	50,240	156,240
1916-1920	17,246	326,009	298,852	1923	2,603	73,335	100,136
1921-1925	12,229	314,180	259,162	1924	2,529	65,407	43,823
1926-1930	11,269	203,692	159,829	1925	2,412	60,155	45,912
1931-1935	14,102	156,565	77,948	1926	2,335	62,710	89,136
1890	2,568	58,885	39,656	1927	2,197	60,434	84,206
1897	2,775	55,800	32,316	1928	2,238	58,463	34,201
1898	3,118	54,438	32,118	1929	2,203	61,328	32,688
1899	3,437	54,705	32,859	1930	2,286	50,748	19,538
1900	3,830	57,647	35,741	1931	2,396	30,632	8,970
1901	3,806	55,214	33,128	1932	2,449	23,681	6,793
1902	3,870	55,500	39,415	1933	2,556	28,003	8,051
1903	3,560	54,300	39,322	1934	3,091	32,725	21,156
1904	3,892	57,883	33,456	1935	3,009	45,924	33,008
1905	4,266	56,102	34,222	1936	4,857	63,812	49,428
1906	4,565	56,518	38,256	1937	4,805	67,942	55,647
1907	4,375	56,515	37,300	1938	5,090	62,665	249,611
				1939	5,611	65,120	244,202

STATE OR TERRITORY	GOLD, 1,000 FINE OUNCES					SILVER, 1,000 FINE OUNCES					Silver, value, 1939 (1,000 dollars) <sup>2</sup>
	1910	1920	1930	1938	1939	1910	1920	1930	1938	1939	
	Total	4,667	2,476	2,286	5,090	5,611	57,138	55,362	50,748	62,665	
Alaska	787	413	407	660	671	154	822	392	564	298	202
Arizona	165	240	149	308	315	2,656	5,432	4,910	7,483	7,438	5,048
California	989	716	450	1,318	1,425	1,792	1,655	1,484	2,604	2,604	1,768
Colorado	903	363	218	375	371	8,523	5,167	4,852	7,806	8,206	5,670
Idaho	50	23	21	98	115	7,027	7,365	9,710	18,397	17,239	11,702
Michigan						262	512	11	106	102	69
Montana	180	92	47	188	256	12,283	13,263	8,597	6,762	8,927	6,096
Nevada	913	175	140	280	351	12,366	7,482	4,179	4,115	4,517	3,086
New Mexico	23	22	32	42	36	770	700	1,160	1,262	1,262	857
Oregon	33	50	14	80	91	44	102	10	92	111	75
South Dakota	260	210	406	592	618	121	88	105	158	171	116
Texas	(9)	(*)	(8)	(3)	(3)	364	523	469	1,381	1,380	937
Utah	209	103	209	215	267	10,446	11,755	14,451	10,289	10,844	7,390
Washington	89	7	4	68	86	205	178	30	311	428	290
Philippine Islands	7	62	185	845	991	2	22	121	976	1,248	847
Other	8	(*)	3	21	18	115	296	317	269	347	235

<sup>1</sup> For 1921, 1922, and first half of 1923 price is taken at the figure of \$1 per ounce fixed by the Pittman Act.

<sup>2</sup> Valued beginning 1934 at Government's average buying price for domestic product: 1934, \$0.64+ per fine ounce; 1935, \$0.71875; 1936, \$0.7745; 1937, \$0.7735; 1938, \$0.6464+; and 1939, \$0.6787+; the amount per fine ounce returned to depositors of newly mined domestic silver.

<sup>3</sup> Less than 500 ounces.

Source: Treasury Department, Bureau of the Mint, Annual Report of the Director.

No. 787.—GOLD AND SILVER FOR USE IN MANUFACTURES AND THE ARTS

Table with columns: YEARLY AVERAGE OR YEAR, GOLD IN THOUSANDS OF DOLLARS (New material, Old material, Grand total), SILVER IN THOUSANDS OF FINE OUNCES (New material, Old material, Grand total). Rows include years from 1880 to 1939.

1 Value prior to 1934 calculated on basis of \$20.67+ per fine ounce; in 1934 and thereafter, \$35.00 per fine ounce. 2 Excess of return from industry over new material issued to industry.

No. 788.—SILVER—PRICES, LONDON AND NEW YORK, AND VALUE IN THE DOLLAR: 1835 TO 1939

NOTE.—The London price is converted to the basis of the ounce 1,000 fine and converted to American money at par of exchange through 1930; thereafter, at the current rate of exchange. London quotations are in depreciated currency after Sept. 21, 1931, also in some prior year periods, including 1918 to 1924. New York quotations are in depreciated currency after early March 1933. The commercial ratio is computed on the basis of London quotations through 1914; thereafter, on the basis of the New York average price. Beginning with 1934 the monetary value of gold is \$35.00 per fine ounce as compared with \$20.67 in previous years. The value of fine silver (371/4 grains) in the dollar is computed on the basis of London quotations through 1917; thereafter, on the basis of the New York average price

[All figures, except "Commercial ratio to gold," expressed in dollars]

Table with columns: CALENDAR YEAR, LONDON, per fine ounce, NEW YORK, PER FINE OUNCE (Average, High, Low), Commercial ratio to gold, Value of silver in dollar, CALENDAR YEAR, LONDON, per fine ounce, NEW YORK, PER FINE OUNCE (Average, High, Low), Commercial ratio to gold, Value of silver in dollar. Rows include years from 1835 to 1939.

Source of tables 787 and 788: Treasury Dept., Bureau of the Mint, Annual Report of the Director.

## No. 789.—COKE—PRODUCTION, EXPORTS, AND IMPORTS: 1896 TO 1939

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 <sup>1</sup>
	Total	Beehive ovens	By-product ovens				
1896-1900.....	16,265	15,741	524	3.2	30,293	265	54
1901-1905.....	25,073	23,566	2,107	8.2	65,581	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	105,739	897	98
1916-1920.....	52,420	27,733	24,686	47.1	320,799	1,182	34
1921-1925.....	42,985	11,026	31,959	74.4	251,007	734	99
1926-1930.....	63,724	6,037	47,037	87.6	292,212	1,027	171
1931-1935.....	29,065	927	29,038	96.9	145,035	716	171
1922.....	56,978	19,380	37,598	66.0	375,497	1,237	65
1924.....	44,270	10,286	33,984	77.8	244,042	660	83
1925.....	51,267	11,355	39,912	77.9	265,559	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	199
1928.....	52,806	4,493	48,313	91.5	252,334	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	209,137	1,004	133
1931.....	33,484	1,128	32,356	96.6	161,609	754	100
1932.....	21,789	652	21,137	97.0	104,337	630	117
1933.....	27,589	911	26,678	96.7	122,951	638	161
1934.....	31,822	1,029	30,793	96.8	150,420	943	161
1935.....	35,141	917	34,224	97.4	176,853	614	317
1936.....	46,275	1,706	44,569	96.3	232,374	670	330
1937.....	52,375	3,165	49,211	94.0	261,004	527	286
1938.....	32,406	837	31,568	97.4	167,182	487	135
1939.....	44,327	1,444	42,882	96.7	212,884	590	142

<sup>1</sup> Before 1934, figures represent general imports; thereafter, imports entered for consumption.

## No. 790.—COKE—BY-PRODUCT AND BEEHIVE PRODUCTION, BY STATES: 1915 TO 1939

[Figures in thousands of short tons (2,000 pounds)]

	1915	1920	1925	1930	1935	1936	1937	1938	1939
<b>BY-PRODUCT</b>									
Total.....	14,073	30,834	39,912	45,196	34,224	44,569	49,211	31,658	42,882
Alabama.....	2,070	3,124	4,582	3,987	1,994	3,090	4,260	3,378	3,855
Colorado.....		517	490	379	207	337	487	187	398
Illinois.....	1,687	2,137	3,012	3,570	1,699	2,083	2,909	1,736	1,884
Indiana.....	2,768	4,564	5,142	4,984	3,768	5,450	5,467	2,905	4,878
Maryland.....	313	682	1,019	1,169	930	1,217	1,514	1,105	1,579
Massachusetts.....	504	488	535	863	1,006	1,108	1,131	1,019	1,057
Michigan.....	( <sup>1</sup> )	1,393	1,751	2,604	2,482	2,294	2,284	1,743	2,431
Minnesota.....	128	875	518	641	430	522	705	540	497
New Jersey.....	289	726	904	919	917	1,008	1,015	1,007	1,003
New York.....	684	1,040	2,220	3,860	4,099	4,836	4,947	3,945	4,468
Ohio.....	666	5,615	7,105	6,163	5,101	6,242	6,738	3,700	6,136
Pennsylvania.....	3,092	7,730	9,853	12,529	8,073	12,571	13,701	7,119	10,994
West Virginia.....	141	447	1,056	1,479	1,604	1,703	1,818	1,347	1,598
All other States.....	1,749	1,706	1,725	2,051	1,939	2,110	2,147	1,923	2,104
<b>BEEHIVE</b>									
Total.....	27,508	20,511	11,355	2,776	917	1,706	3,165	837	1,444
Pennsylvania.....	22,531	15,908	9,574	2,011	564	1,213	2,589	482	1,126
Ohio.....	19	87	155						
West Virginia.....	1,260	1,381	490	422	155	231	279	154	88
Alabama.....	1,001	890	83						
Kentucky.....	235	273	( <sup>1</sup> )						
Tennessee.....	234	193	128	25	3	4	15	6	
Virginia.....	630	1,028	422	220	133	191	240	134	165
Colorado.....	671	273	155	79	40	61	64	55	67
Utah.....	( <sup>1</sup> )	( <sup>1</sup> )	146	7	6	6	7	8	8
All other States.....	887	509	196	12	2	( <sup>2</sup> )			

<sup>1</sup> Included under "all other States."      <sup>2</sup> Less than 500 tons.

Source of tables 789 and 790: Department of the Interior, Bureau of Mines; Minerals Yearbook.

784 MINING AND MINERAL PRODUCTS  
 No. 791.—COAL—PRODUCTION, 1821 TO 1939, AND BY STATES, 1911 TO 1939

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 Pennsylvania. Comparatively little coal is held in stock at the mines

YEAR OR YEARLY AVERAGE	QUANTITY			YEAR	QUANTITY			VALUE	
	Total	An-thra-cite	Bitumi-nous		Total	An-thra-cite	Bitumi-nous	An-thra-cite	Bitumi-nous
1821-1830	140	66	75	1917	651,402	90,612	551,791	283,651	1,240,273
1831-1840	1,032	722	310	1918	678,212	98,820	579,396	336,480	1,401,810
1841-1850	4,535	2,697	1,837	1919	553,952	88,092	465,860	304,927	1,160,610
1851-1860	12,513	7,645	4,868	1920	658,265	89,698	568,667	434,252	2,120,533
1861-1865	20,538	11,142	9,396	1921	506,395	90,473	415,922	462,305	1,199,984
1866-1870	31,706	16,281	15,425	1922	476,951	54,683	422,268	273,700	1,274,820
1871-1875	52,179	23,407	28,773	1923	657,904	93,339	564,565	506,787	1,514,621
1876-1880	62,261	26,800	36,461	1924	571,613	87,927	483,687	477,231	1,062,626
1881-1885	107,291	36,198	71,093	1925	581,870	61,817	520,053	327,066	1,060,402
1886-1890	138,398	43,062	94,446	1926	657,804	84,437	573,367	474,164	1,183,417
1891-1895	178,822	53,405	125,416	1927	597,859	80,096	517,763	420,942	1,020,652
1896-1900	227,123	55,625	171,498	1928	576,093	75,348	500,745	303,638	933,774
1901-1905	339,357	66,864	272,503	1929	608,817	73,828	534,989	385,648	952,771
1906-1910	464,556	81,142	373,413	1930	536,911	60,885	476,026	354,574	795,438
1911-1915	529,189	89,233	439,956	1931	441,735	59,640	382,099	296,355	588,996
1916-1920	626,386	92,741	533,645	1932	359,565	49,855	309,710	222,375	406,677
1921-1925	558,947	77,648	481,299	1933	383,172	40,541	333,631	204,718	445,788
1926-1930	595,497	76,619	518,878	1934	416,630	57,168	359,462	244,162	628,333
1931-1935	405,108	53,674	351,434	1935	424,632	52,159	372,373	210,131	658,093
1913	509,900	91,525	478,435	1936	493,668	54,680	438,988	227,004	770,955
1914	513,525	90,822	422,704	1937	497,387	51,856	445,531	197,599	2 648,042
1915	531,619	88,995	442,624	1938	394,644	46,099	348,545	180,600	2 678,653
1916	590,098	87,878	502,220	1939	444,652	51,487	393,065	187,175	2 732,524

  

STATE	1911-1915	1916-1920	1921-1925	1926-1930	1931-1935	1936	1937	1938	1939
<b>Total quantity</b> .....	<b>529,189</b>	<b>626,386</b>	<b>558,947</b>	<b>595,497</b>	<b>405,108</b>	<b>493,668</b>	<b>497,387</b>	<b>394,644</b>	<b>444,552</b>
Anthracite (Pa.).....	89,233	92,741	77,648	76,619	53,674	54,680	51,856	46,099	51,487
Bituminous.....	439,956	533,645	481,299	518,878	351,434	439,088	445,531	348,545	393,065
Alabama.....	15,864	17,834	18,007	18,380	9,252	12,229	12,440	11,002	11,995
Arkansas.....	1,960	1,980	1,261	1,679	1,012	1,623	1,511	1,197	4 2,300
Colorado.....	9,433	11,505	10,049	9,865	5,711	6,812	7,187	5,663	5,690
Illinois.....	58,320	78,256	68,523	57,310	40,198	50,927	51,002	41,912	46,450
Indiana.....	16,060	26,616	21,677	18,467	14,386	17,822	17,765	14,769	16,660
Iowa.....	7,442	7,671	4,052	3,879	3,492	3,961	3,637	3,103	3,050
Kansas.....	6,811	6,556	3,927	3,215	2,270	2,944	2,893	2,664	5 6,195
Kentucky.....	18,380	30,108	43,743	61,116	38,130	47,622	47,036	38,545	42,805
Maryland.....	4,549	4,158	2,033	2,700	1,654	1,704	1,549	1,281	1,408
Michigan.....	1,271	1,301	676	705	492	626	562	494	434
Missouri.....	4,048	5,086	3,011	3,538	3,624	3,885	4,091	3,430	(9)
Montana.....	2,972	4,008	2,881	3,130	2,396	2,888	2,905	2,732	2,810
New Mexico.....	3,618	3,728	2,772	2,612	1,338	1,597	1,715	1,239	1,203
North Dakota.....	506	787	1,221	1,622	1,750	2,215	2,251	2,050	2,089
Ohio.....	28,553	40,660	31,590	21,111	19,151	24,110	25,178	18,591	10,632
Oklahoma.....	3,720	4,292	2,741	3,346	1,368	1,540	1,600	1,245	(7)
Pennsylvania.....	157,229	168,532	133,721	137,038	86,592	109,837	111,002	77,705	92,190
Tennessee.....	6,288	6,203	5,078	5,544	4,062	5,103	5,213	4,472	5,280
Texas.....	2,201	1,980	1,084	1,107	738	843	810	879	810
Utah.....	2,999	4,693	4,593	4,683	2,846	3,247	3,810	2,947	3,340
Virginia.....	7,924	10,158	10,648	12,521	8,923	11,662	13,795	12,288	13,230
Washington.....	3,261	3,676	2,626	2,513	1,555	1,812	2,002	1,567	1,000
West Virginia.....	69,353	86,389	97,044	136,315	95,748	117,926	118,646	93,288	107,933
Wyoming.....	6,907	8,555	6,812	6,520	4,545	5,751	6,918	5,204	5,383
Other States and Alaska.....	250	190	239	240	201	217	203	237	230

<sup>1</sup> Exclusive of product of wagon mines. <sup>2</sup> Estimated from various sources; includes selling expenses.  
<sup>3</sup> Preliminary. <sup>4</sup> Includes Oklahoma. <sup>5</sup> Includes Missouri.  
<sup>6</sup> Included with Kansas. <sup>7</sup> Included with Arkansas.

Source: Department of the Interior, Bureau of Mines and Bituminous Coal Division; Minerals Yearbook and Bituminous Coal Tables, 1938-1939.

No. 792.—COAL—EXPORTS, IMPORTS, AND BUNKER COAL LADEN ON VESSELS IN FOREIGN TRADE: 1891 TO 1939

[Quantities in thousands of long tons (2,240 pounds); values in thousands of dollars]

YEARLY AVERAGE OR YEAR	TOTAL EXPORTS <sup>1</sup>		ANTHRACITE EXPORTS		BITUMINOUS EXPORTS <sup>1</sup>		TOTAL IMPORTS <sup>2</sup>		BUNKER COAL	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1891-1895 <sup>3</sup>	3,028	10,012	1,128	4,029	1,909	5,081	1,237	3,984	-----	-----
1896-1900 <sup>4</sup>	4,710	13,300	1,469	5,268	3,241	7,032	1,403	3,831	-----	-----
1901-1905 <sup>4</sup>	7,750	24,254	1,840	8,782	5,903	15,472	2,287	6,376	-----	-----
1906-1910 <sup>4</sup>	12,018	36,805	2,640	13,034	9,372	23,770	1,727	4,530	5,638	18,291
1911-1915	19,132	68,392	3,763	19,624	15,379	38,738	1,437	4,099	7,289	23,890
1916-1920	27,180	151,355	4,047	32,960	22,513	118,390	1,258	5,788	7,389	43,075
1921	24,829	168,222	4,176	45,025	20,653	122,697	1,131	7,457	7,643	52,278
1922	13,449	91,242	2,300	25,351	11,083	55,892	4,727	28,250	4,120	27,918
1923	23,700	154,124	4,545	49,577	19,156	104,547	1,949	12,249	4,647	31,470
1924	18,855	111,059	3,887	40,008	15,208	70,971	478	3,019	3,983	22,883
1925	18,429	100,163	2,858	31,761	15,591	68,403	879	5,245	4,344	23,398
1926	35,091	196,905	3,598	41,089	31,493	165,819	1,202	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	32,667	14,433	59,464	831	4,989	3,534	20,268
1929	18,603	93,810	3,041	32,569	15,562	65,742	877	5,480	3,527	19,575
1930	16,455	83,694	2,278	24,509	14,176	59,180	818	5,525	3,122	15,097
1931	12,415	60,467	1,588	17,062	10,527	45,895	755	5,100	1,960	9,639
1932	9,033	41,752	1,164	12,004	7,870	29,888	709	4,420	1,204	6,594
1933	8,922	37,611	924	9,040	8,069	28,572	584	3,432	1,175	6,241
1934	10,863	51,464	1,159	11,052	9,704	40,352	593	4,190	1,179	5,798
1935	10,136	43,424	1,439	13,139	8,699	35,233	690	4,276	1,407	7,338
1936	11,012	52,381	1,498	13,775	9,513	38,606	791	4,570	1,443	7,403
1937	13,445	63,617	1,709	14,796	11,736	48,821	684	4,946	1,635	8,840
1938	11,071	52,799	1,704	14,633	9,366	38,105	539	3,207	1,203	6,557
1939	12,601	62,938	2,313	19,920	10,349	42,778	583	3,876	1,318	7,131

<sup>1</sup> Does not include fuel or bunker coal laden on vessels engaged in the foreign trade.

<sup>2</sup> Including lignite, slack, and culm. <sup>3</sup> Fiscal years ended June 30.

<sup>4</sup> Average for period July 1, 1905, to Dec. 31, 1910.

<sup>5</sup> Figures do not include coal laden on vessels on the Great Lakes in 1906, 1907, and 1908.

<sup>6</sup> Imports for consumption; general imports prior to 1933.

No. 793.—COAL—SHIPMENTS, VALUE, AND EMPLOYMENT IN MINES: 1890 TO 1939

CALENDAR YEAR	THOUSAND TONS (2,240 POUNDS)				Average value per ton at mines <sup>(1)</sup>	Average number of men employed	Average number of days worked	AVERAGE TON-NAGE PER MAN—		Per cent mined by machine	Capacity of mines <sup>2</sup> (million tons <sup>3</sup> )
	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	( <sup>4</sup> )	71
1895	52,093	1,315	4,591	-----	1.41	142,917	196	2.07	406	( <sup>4</sup> )	90
1900	59,710	1,208	5,550	-----	1.40	144,206	168	2.40	398	( <sup>4</sup> )	105
1905	69,053	1,671	7,030	-----	1.83	105,406	215	2.18	470	( <sup>4</sup> )	110
1910	73,623	2,021	8,841	-----	1.90	109,497	229	2.17	498	( <sup>4</sup> )	112
1915	76,906	2,092	9,997	-----	2.07	176,552	230	2.19	504	1.5	118
1920	76,844	2,897	9,858	-----	4.85	145,074	271	2.28	618	1.1	101
1925	63,768	2,825	5,104	-----	5.30	160,312	182	2.12	386	1.0	103
1930	61,202	3,144	5,038	-----	5.11	150,804	208	2.21	460	2.0	90
1935	46,538	2,875	2,740	-----	4.03	103,269	189	2.68	505	3.5	84
1937	46,203	2,081	2,672	-----	3.81	99,035	189	2.77	523	3.8	83
1938	41,004	2,722	2,313	-----	3.92	95,417	171	2.79	478	3.4	82
1939	45,092	3,081	2,414	-----	3.64	93,000	( <sup>4</sup> )	( <sup>4</sup> )	523	3.7	( <sup>4</sup> )
BITUMINOUS											
1890	87,373	7,008	1,607	15,332	.99	192,204	226	2.56	579	5.3	151
1895	103,287	8,340	2,086	18,404	.86	230,962	194	2.90	563	11.9	216
1900	175,071	7,868	3,740	27,635	1.04	304,375	234	3.08	697	24.9	281
1905	253,202	10,639	7,007	42,412	1.06	480,629	211	3.24	684	32.8	459
1910	342,969	12,287	9,668	62,187	1.12	555,533	217	3.46	751	41.7	672
1915	379,877	12,354	9,799	40,595	1.13	557,456	203	3.91	794	55.0	691
1920	504,873	21,289	11,896	30,008	3.75	639,547	220	4.00	881	59.8	795
1925	477,173	21,351	5,776	15,753	2.04	588,493	195	4.52	884	70.6	823
1930	437,369	22,121	3,993	4,014	1.70	493,202	187	5.06	948	77.5	770
1935	338,069	29,734	3,103	1,468	1.77	462,403	179	4.50	805	78.8	640
1937	399,238	37,763	3,052	4,884	1.94	491,864	193	4.09	906	( <sup>4</sup> )	710
1938	312,239	32,453	2,493	1,360	1.95	441,333	162	4.89	910	87.5	603

<sup>1</sup> Figures for bituminous coal represent average value per ton less selling expense (Bur. of Mines series) prior to 1937; thereafter, average gross realization including selling expense (Bit. Coal Div. series).

<sup>2</sup> Calculated at 303.5 working days in the anthracite field and 308 working days in the bituminous field.

<sup>3</sup> Of 2,000 pounds. <sup>4</sup> Not available. <sup>5</sup> Estimate by Pa. Dept. Mines. <sup>6</sup> 1891. <sup>7</sup> 1896.

Sources: Table 792, Dept. of Commerce, Bur. of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the U. S. Also published currently in Monthly Summary of Foreign Commerce of the U. S., Table 793, Dept. of the Interior, Bur. of Mines, and Bituminous Coal Division; Minerals Yearbook, and Bituminous Coal Tables, 1938-39.

No. 794.—BITUMINOUS COAL—CONSUMPTION, BY CLASS OF CONSUMER, 1889 TO 1939

	1889	1899	1909	1919	1929	1936	1937	1938	1939 <sup>1</sup>
Consumption (million tons of 2,000 lbs.), total.....	95.8	190.9	370.3	461.7	519.6	422.8	428.5	344.7	378.0
Colliery fuel.....	1.4	3.1	9.5	11.1	4.7	3.2	3.1	2.5	2.8
Locomotive fuel, all steam roads.....	26.5	52.4	106.0	119.7	113.0	81.1	82.7	68.8	73.8
Bunkers, vessels in foreign trade.....	1.9	3.8	6.8	8.2	4.3	1.6	1.8	1.4	1.5
Coke ovens, beehive and by-product.....	16.0	30.2	59.4	65.6	86.8	65.9	74.6	46.0	63.6
Electric public utilities <sup>2</sup> .....	( <sup>3</sup> )	7.6	18.7	35.1	44.9	42.0	44.8	40.2	46.2
All other uses <sup>4</sup> .....	50.0	92.2	169.9	242.0	265.0	228.9	221.7	185.2	190.1
Per cent of total consumption.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Colliery fuel.....	1.5	1.6	2.6	2.3	9	1.8	7	7	7
Locomotive fuel, all steam roads.....	27.7	28.1	28.6	24.9	21.9	19.2	19.3	20.0	19.5
Bunkers, vessels in foreign trade.....	2.0	2.0	1.9	1.7	8	4	4	4	4
Coke ovens, beehive and by-product.....	16.7	15.9	16.0	13.6	10.7	15.6	17.4	13.6	16.8
Electric public utilities.....	( <sup>3</sup> )	4.0	5.0	7.3	8.6	9.9	10.4	11.7	12.2
All other uses.....	62.1	48.4	45.9	50.2	51.0	54.1	51.7	53.7	50.3

<sup>1</sup> Preliminary.<sup>2</sup> Class I roads.<sup>3</sup> Includes electric central stations and street railways through 1919. Figures include a small amount of anthracite consumed.<sup>4</sup> Not available.<sup>5</sup> Obtained by subtracting known items from total consumption. Includes general manufacturing, domestic, and miscellaneous uses.

Source: Department of the Interior, Bureau of Mines and Bituminous Coal Division; Minerals Yearbook and Bituminous Coal Tables, 1938-39 (data were assembled from various original sources).

No. 795.—STRIKES IN ANTHRACITE AND BITUMINOUS COAL MINING INDUSTRIES, BY MAJOR ISSUES INVOLVED: 1928 TO 1939

NOTE.—Strikes involving fewer than 6 workers or lasting less than 1 day are not included. Figures are for strikes beginning in years shown. For combined statistics covering strikes in all industries, see table 391

COAL-MINING INDUSTRY AND YEAR	NUMBER OF STRIKES				NUMBER OF WORKERS INVOLVED				NUMBER OF MAN-DAYS IDLE				
	Total	Major issues			Total	Major issues			Total	Major issues			
		Wages and hours	Union organization	Miscellaneous		Wages and hours	Union organization	Miscellaneous		Wages and hours	Union organization	Miscellaneous	
<b>Anthracite:</b>													
1928.....	41	4	10	27	78,424	4,059	12,581	61,784	573,404	18,426	93,039	461,939	
1929.....	32	2	8	22	57,276	1,022	8,757	47,497	239,206	3,685	14,685	220,836	
1930.....	18	1	8	9	20,036	1,580	6,848	11,608	117,338	3,160	29,505	84,673	
1931.....	14	4	4	6	61,416	21,675	2,151	37,590	655,203	250,633	17,610	386,960	
1932.....	18	6	2	10	19,692	16,105	333	3,154	167,036	125,176	9,570	32,291	
1933.....	27	9	2	16	96,297	8,559	3,300	84,438	1,012,787	103,226	42,100	867,661	
1934.....	38	10	1	27	105,296	11,130	313	93,853	948,767	136,009	939,811	819	
1935.....	33	7	1	25	50,191	9,517	1,100	39,874	788,724	75,604	41,800	671,320	
1936.....	26	5	6	15	23,073	3,596	13,005	6,472	264,545	43,043	153,083	68,410	
1937.....	32	13	1	18	59,600	24,902	450	34,218	606,656	144,548	15,360	446,748	
1938.....	17	4	3	10	28,416	2,316	5,325	18,775	357,854	35,191	181,577	141,086	
1939.....	25	3	5	17	22,664	2,813	1,057	18,794	77,909	3,773	15,271	68,865	
<b>Bituminous:</b>													
1928.....	30	10	2	18	63,276	51,154	459	11,666	6,940,992	5,862,745	997	77,250	
1929.....	58	34	11	13	18,093	12,594	2,253	3,246	181,616	1,138,010	21,296	22,325	
1930.....	52	32	7	13	26,841	14,786	7,189	4,806	882,590	414,044	385,823	82,729	
1931.....	57	27	18	12	52,392	7,944	37,105	7,343	1,542,506	98,546	1,288,066	155,894	
1932.....	49	25	7	11	63,619	52,123	8,792	2,704	5,913,886	5,007,375	873,252	33,259	
1933.....	102	38	30	34	142,242	17,488	111,413	13,341	2,211,375	472,521	1,644,661	94,103	
1934.....	78	21	23	34	109,827	46,309	43,741	19,777	1,562,358	981,282	473,735	107,341	
1935.....	42	10	12	20	420,574	403,790	3,174	13,610	2,971,449	2,860,358	24,178	86,913	
1936.....	35	5	9	24	19,648	1,378	2,934	15,336	533,314	356,058	43,431	133,825	
1937.....	54	11	21	22	99,253	45,913	27,878	25,462	1,924,951	1,048,642	400,759	475,560	
1938.....	27	6	10	11	9,805	2,196	2,324	4,885	132,855	8,422	24,151	100,282	
1939.....	25	2	11	12	355,383	1,102	346,524	7,757	7,302,566	22,243	7,191,984	88,329	

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 651, Strikes in the United States, 1880-1936; annual report, Analysis of Strikes; and official records. Figures are published currently in part in Monthly Labor Review.

No. 796.—COAL FOR HOUSEHOLD USE—RETAIL PRICES, BY CITIES: 1929 TO 1939

NOTE.—Prices (in dollars) of coal per ton of 2,000 pounds unless otherwise specified. Bituminous prices represent Eastern, except those in italics, which are Western

CITY	PENNSYLVANIA ANTHRACITE, CHEST-NUT					BITUMINOUS, HIGH VOLATILE, EGG			
	1929	1932	1937	1938	1939 <sup>1</sup>	1936		1939	
	December 15					June 15	Dec. 15	June 15	Dec. 15 <sup>1</sup>
<b>New England:</b>									
Boston, Mass.	15.50	13.50	12.72	13.35	13.00	2 9.19	2 9.16	2 9.20	2 9.51
Bridgeport, Conn.	15.50	12.88	12.10	12.10	11.60				
Fall River, Mass.	16.25	14.25	13.75	13.50	13.50	2 8.80	2 9.00	2 9.00	2 9.40
Manchester, N. H.	17.00	14.83	14.19	14.50	13.88	2 10.50	2 10.50	2 10.50	2 10.50
New Haven, Conn.	15.25	14.00	13.00	13.00	13.00				
Portland, Maine	16.80	15.60	13.25	12.50	13.00	2 6.70	2 6.70	2 6.67	2 8.21
Providence, R. I.	16.00	14.50	13.38	13.78	13.22	2 7.85	2 7.92	2 7.76	2 8.10
<b>Middle Atlantic:</b>									
Buffalo, N. Y.	13.32	12.21	11.95	11.85	11.20	2 6.13	2 6.50	2 6.50	2 6.50
Newark, N. J.	13.46	12.00	11.25	11.25	10.20				
New York, N. Y. <sup>2</sup>	14.08	12.20	11.01	11.25	10.46	2 7.47	2 7.45	2 7.32	2 7.33
Philadelphia, Pa.	14.50	11.50	10.11	10.55	9.95				
Pittsburgh, Pa. <sup>3</sup>	15.00	13.00	12.69	12.75	12.56	4.04	4.38	4.41	4.69
Rochester, N. Y.	14.25	13.13	11.93	11.91	11.44				
Scranton, Pa.	9.92	9.00	7.88	7.81	7.40				
<b>East North Central:</b>									
Chicago, Ill. <sup>3 6</sup>	16.40	15.50	15.05	15.26	14.49	9.10	9.47	8.42	9.55
Cincinnati, Ohio <sup>5</sup>						5.57	6.11	5.40	6.07
Cleveland, Ohio <sup>4</sup>	14.80	13.44	13.69	13.61	13.39	7.18	7.25	7.13	7.30
Columbus, Ohio <sup>4</sup>						5.94	6.05	6.06	6.30
Detroit, Mich. <sup>3</sup>	15.50	13.17	12.36	12.28	11.83	6.78	6.84	6.72	6.91
Indianapolis, Ind.						6.67	6.93	6.61	6.71
Milwaukee, Wis.	15.85	14.80	13.95	13.55	13.40	8.17	8.14	8.31	8.51
Peoria, Ill. <sup>6</sup>						4.48	4.12	5.00	4.08
Springfield, Ill. <sup>6</sup>						4.65	4.65	4.69	4.69
<b>West North Central:</b>									
Kansas City, Mo. <sup>2</sup>	7 12.55	7 10.63	7 10.83	7 10.07	7 9.93	8 6.25	8 6.15	8 6.07	8 6.28
Minneapolis, Minn.	7 17.85	7 17.10	7 15.50	7 15.75	7 15.25	9 7.57	9 7.77	9 7.59	9 7.90
Omaha, Nebr.			7 12.58	7 12.00	7 11.85	8 6.54	8 6.68	8 6.50	8 6.88
St. Louis, Mo. <sup>3 6</sup>	16.45	15.22	14.66	14.28	14.14	6.37	5.77	5.23	5.90
St. Paul, Minn.	17.85	17.10	15.47	15.76	15.25	9.55	9.77	9.59	9.90
<b>South Atlantic:</b>									
Atlanta, Ga.						6.17	7.50	6.25	7.50
Baltimore, Md.	13.75	12.75	10.20	10.83	9.95	7.00	7.06	7.23	7.24
Charleston, S. O.						9.50	9.50	9.50	9.60
Jacksonville, Fla.						11.00	12.00	11.00	12.00
Norfolk, Va.	14.00	13.00	13.00	13.00	13.00	7.50	7.50	7.50	7.50
Richmond, Va.	15.00	13.50	12.67	12.92	12.70	7.53	8.13	7.68	8.21
Savannah, Ga.						9.00	9.10	9.06	9.04
Washington, D. C. <sup>4</sup>	15.23	14.15	12.79	13.09	12.35	8.25	8.40	8.25	8.62
<b>East South Central:</b>									
Birmingham, Ala. <sup>4</sup>						5.99	6.90	5.50	6.82
Louisville, Ky.						5.59	5.69	5.59	5.74
Memphis, Tenn.						7.88	7.88	7.88	7.88
Mobile, Ala. <sup>5</sup>						8.52	9.52	8.21	9.07
<b>West South Central:</b>									
Dallas, Tex.	7 16.50	7 14.00	7 12.83	7 12.83	7 12.83	8 10.03	8 10.50	8 10.38	8 10.50
Houston, Tex.	7 14.67	7 15.00	7 15.00	7 14.50	7 14.50	8 10.03	8 11.50	8 11.25	8 11.75
Little Rock, Ark. <sup>3</sup>	7 13.50	7 10.75	7 9.69	7 8.67	7 8.42	9 8.80	9 8.55	9 8.51	9 8.71
New Orleans, La. <sup>4</sup>			7 15.60	7 15.10	7 14.28	9 8.88	10.71	9.69	10.71
<b>Mountain:</b>									
Butte, Mont. <sup>6</sup>						10.88	11.15	11.25	11.25
Denver, Colo. <sup>3</sup>	10 14.75	10 14.50	11 15.81	11 15.81	11 15.81	8 8.10	7.86	7.00	7.66
Salt Lake City, Utah <sup>5</sup>						7 7.02	7 7.52	7 7.02	7 7.37
<b>Pacific:</b>									
Los Angeles, Calif. <sup>5</sup>						8 16.60	8 16.91	8 16.57	8 16.57
Portland, Oreg.						8 13.30	8 13.18	8 13.19	8 13.19
San Francisco, Calif. <sup>3</sup>	13 26.00	13 25.00	13 23.95	13 23.69	13 23.86	8 17.51	8 17.51	8 17.51	8 17.51
Seattle, Wash. <sup>6 6</sup>						11 11.01	11 11.30	11 11.20	11 11.22

<sup>1</sup> Preliminary. <sup>2</sup> Run of mine, low volatile. <sup>3</sup> Prices include sales tax beginning 1937.  
<sup>4</sup> Price is per ton of 2,240 pounds. <sup>5</sup> Price includes sales tax.  
<sup>6</sup> Beginning 1937, prices are on basis of 1 ton deliveries; for earlier years, on averages of 1 or more.  
<sup>7</sup> Arkansas, egg or furnace. <sup>8</sup> Lump. <sup>9</sup> Lump, low volatile.  
<sup>10</sup> Colorado, furnace, 1 and 2 mixed. <sup>11</sup> Colorado, egg. <sup>12</sup> New Mexico, egg.

Source: Dept. of Labor, Bur. of Labor Statistics; published in Retail Prices for February 1940 and special releases.



**No. 797.—COAL—AVERAGE RETAIL PRICES AND INDEXES FOR LARGE CITIES COMBINED: 1931 to 1940**

YEAR AND MONTH	AVERAGE PRICE PER TON OF 2,000 POUNDS			INDEX (OCTOBER 1922=SEPTEMBER 1925=100)		
	Bituminous (unweighted average, 38 cities)	Pennsylvania anthracite (weighted average, 25 cities)		Bituminous (unweighted average, 38 cities)	Pennsylvania anthracite (weighted average, 25 cities)	
		Stove	Chestnut		Stove	Chestnut
1931	\$8.33	\$13.68	\$13.65	86.2	97.1	97.8
1932	7.71	12.55	12.45	79.7	89.2	88.7
1933	7.65	12.12	11.93	79.1	86.2	85.0
1934	8.26	12.18	11.92	85.4	86.6	85.0
1935	8.20	11.88	11.14	85.7	80.9	79.4
1936	8.42	11.74	11.60	87.1	83.5	82.7
1937	8.58	11.05	11.19	88.4	78.5	79.6
1938	8.61	10.96	11.11	88.7	77.9	79.1
1939 <sup>1</sup>	8.52	10.79	10.84	87.7	76.7	77.2
June 1938	8.38	10.52	10.63	86.4	74.8	75.7
December 1938	8.68	11.37	11.49	89.3	80.4	81.8
June 1939	8.28	10.47	10.55	85.2	74.4	75.1
December 1939	8.68	10.84	10.83	89.2	77.0	77.1
March 1940	8.65	11.31	11.37	89.0	80.4	81.0
June 1940	8.15	11.02	11.04	83.4	78.3	78.6

<sup>1</sup> Preliminary.
**No. 798.—NATURAL GAS AND NATURAL GASOLINE—PRODUCTION, 1906 TO 1939, AND BY STATES, 1925 TO 1939**

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				1931	1,686,430	392,816	1,790,110	1,831,918	63,732
1911-1915	578,708	88,492	11,602	30,317	2,481	1932	1,558,990	384,632	1,499,750	1,723,800	49,244
1916-1920	762,681	154,500	412,787	298,038	48,174	1933	1,555,474	398,540	1,551,464	1,420,000	54,308
1921-1925	947,419	220,002	820,445	702,151	82,206	1934	1,770,721	395,378	1,776,172	1,535,360	60,523
1926-1930	1,637,540	362,238	1,613,811	1,852,460	136,129	1935	1,919,895	429,374	1,822,000	1,651,986	70,040
1931-1935	1,637,043	394,148	1,687,902	1,592,013	59,761	1936	2,167,809	476,813	1,815,000	1,706,340	84,572
1928	1,568,139	303,726	1,473,434	1,814,034	138,944	1937	2,407,620	528,364	2,108,800	2,065,484	97,125
1929	1,017,693	413,270	1,959,294	2,233,688	158,410	1938	2,295,562	500,698	2,035,582	2,159,574	87,285
1930	1,943,421	416,000	2,088,778	2,210,494	128,160	1939 <sup>1</sup>	2,435,000	539,625	2,080,000	2,095,632	94,300

STATE	NATURAL GAS PRODUCED AND MARKETED					NATURAL GAS CONSUMED	NATURAL GASOLINE PRODUCED		
	1925	1930	1935	1937	1938		1938	1938	1939 <sup>1</sup>
Total <sup>2</sup>	1,188,871	1,943,421	1,916,686	2,407,820	2,295,682	2,294,097	2,065,434	2,156,574	2,095,632
Arkansas	41,878	18,586	0,187	0,690	11,301	34,833	11,285	25,648	24,681
California	187,789	334,789	284,109	329,769	315,168	315,168	623,894	660,890	606,631
Illinois	4,165	2,890	1,448	1,040	1,169	66,500	2,567	2,436	3,817
Kansas	26,917	37,630	57,125	83,800	75,203	86,105	57,026	55,988	50,567
Kentucky	10,770	28,028	39,738	55,710	46,163	15,350	7,344	7,040	8,464
Louisiana	152,620	278,341	249,450	315,301	283,899	162,260	106,415	95,634	92,066
Montana	1,496	10,060	19,870	24,765	21,218	<sup>3</sup> 18,225	2,296	1,768	2,161
New Mexico	( <sup>4</sup> )	9,407	27,931	<sup>5</sup> 46,337	<sup>5</sup> 50,706	32,890	38,253	49,596	54,555
New York	<sup>6</sup> 6,210	<sup>6</sup> 9,024	<sup>6</sup> 8,288	<sup>6</sup> 21,325	<sup>6</sup> 39,402	47,950	33	27	34
Ohio	43,235	63,394	40,592	42,788	35,257	108,013	7,704	7,382	7,444
Oklahoma	249,285	348,116	274,313	296,260	263,164	244,443	492,200	468,490	434,797
Pennsylvania	101,632	88,709	<sup>7</sup> 94,464	<sup>7</sup> 115,928	<sup>7</sup> 76,547	96,285	13,040	10,734	12,178
Texas	<sup>8</sup> 134,872	<sup>8</sup> 517,880	<sup>8</sup> 642,366	<sup>8</sup> 854,561	<sup>8</sup> 882,473	726,603	615,281	685,920	704,707
W. Virginia	180,345	144,130	115,772	149,084	134,342	57,478	50,379	50,398	50,612
Wyoming	46,639	43,219	26,643	31,023	26,678	18,654	<sup>9</sup> 33,915	<sup>9</sup> 30,647	<sup>9</sup> 30,675

<sup>1</sup> Preliminary.<sup>2</sup> Includes States not shown separately.<sup>3</sup> Includes 372,000,000 cubic feet piped from Canada.<sup>4</sup> Separate data not available.<sup>5</sup> Includes 887,000,000 cubic feet piped to Mexico in 1937 and 832,000,000 in 1938.<sup>6</sup> Includes 68,000,000 cubic feet piped to Canada in 1925, 107,000,000 in 1930, 29,000,000 in 1935, 29,000,000 in 1937, and 34,000,000 in 1938.<sup>7</sup> Includes 44,000,000 cubic feet piped to Canada in 1935, 49,000,000 in 1937, and 60,000,000 in 1938.<sup>8</sup> Includes 64,000,000 cubic feet piped to Mexico in 1925, 1,691,000,000 in 1930, 6,727,000,000 in 1935, 3,923,000,000 in 1937, and 911,000,000 in 1938.<sup>9</sup> Includes Utah.

Sources: Table 797, Dept. of Labor, Bur. of Labor Statistics; published quarterly in Retail Prices. Table 798, Dept. of the Interior, Bur. of Mines; Minerals Yearbook.

No. 799.—MANUFACTURED-GAS INDUSTRY—FUEL CONSUMED, BY KIND AND BY USE: 1932 TO 1939

NOTE.—Coal and coke in thousands of tons of 2,000 pounds; oil in thousands of gallons. Companies formerly distributing manufactured gas but which were distributing natural gas at the beginning of 1939 have been excluded from the figures for all years. The figures do not include fuels used in production of coke oven gas which is purchased by gas companies from coke and steel companies for public distribution

	1932	1933	1934	1935	1936	1937	1938	1939
<b>By kind:</b>								
Anthracite 1.....	115	132	185	125	144	178	181	199
Bituminous coal.....	7,517	7,344	7,009	7,508	7,578	7,352	6,715	6,653
Coke purchased.....	789	670	731	746	720	662	729	674
Coke made in plant 2.....	1,450	1,321	1,282	1,338	1,338	1,347	1,285	1,413
Coke breeze.....	500	487	490	502	466	399	368	342
Oil 3.....	548,914	497,272	492,410	475,930	515,016	525,817	585,762	629,151
<b>Coal and coke, by use:</b>								
Generator fuels 2.....	1,934	1,631	1,709	1,455	1,723	1,718	1,707	1,799
Boiler fuels 1.....	903	867	912	892	896	907	813	772
Bituminous coal carbonized.....	6,782	6,711	7,214	6,876	6,895	6,003	6,060	6,035
Bench and producer fuels.....	752	755	812	796	729	710	668	675

1 Includes screenings. 2 Includes fuel used in production of reformed oil refinery gas.  
3 Oil used. For 1939, for carburettor water gas, 633,910,000 gallons; for making oil gas, 55,879,000 gallons; for boiler fuel, 39,362,000 gallons.

No. 800.—MANUFACTURED-GAS AND NATURAL-GAS INDUSTRIES—SUMMARY: 1932 TO 1939

NOTE.—Population served and number of customers in thousands, gas produced, purchased, and sold in millions of cubic feet; revenue in thousands of dollars. Companies formerly distributing manufactured gas but which were distributing natural gas at the beginning of 1939 have been excluded from the figures for manufactured gas and included with those for natural gas for all years shown in this table. Companies selling mixed manufactured and natural gas are included with data for manufactured gas. Figures for natural gas do not include natural gas used in field operations or in the manufacture of carbon black, or gas used by distributing companies in the conduct of their gas operations

	1932	1933	1934	1935	1936	1937	1938	1939
<b>MANUFACTURED-GAS INDUSTRY</b>								
Population served, Dec. 31.....	46,820	47,009	47,261	47,263	47,396	47,847	48,086	48,259
Miles of main, Dec. 31.....	67,300	88,600	88,700	89,800	90,100	90,800	90,900	92,000
Employees, Dec. 31.....	62,800	66,300	68,400	67,900	69,800	69,400	67,600	67,400
Total gas produced and purchased.....	356,550	342,658	300,214	304,185	374,375	377,448	372,014	386,365
Gas produced.....	247,302	230,970	237,207	234,438	288,549	236,442	232,384	242,893
Gas purchased.....	109,194	111,688	123,007	120,747	135,820	141,008	139,630	143,502
Total number of customers, Dec. 31.....	9,205	9,190	9,330	9,466	9,648	9,889	9,872	10,045
Domestic.....	8,730	8,604	8,792	8,910	9,012	9,220	9,184	9,325
House heating.....	507	79	115	131	171	202	225	264
Industrial and commercial.....	407	408	414	416	456	458	454	447
Total gas sales to consumers 1.....	327,901	311,431	323,022	328,828	340,150	348,653	348,644	362,409
Domestic.....	236,450	222,176	215,008	205,710	197,240	194,350	197,052	193,455
House heating.....	18,958	20,018	28,185	34,997	41,140	45,525	47,918	55,883
Industrial and commercial.....	67,248	67,252	77,207	85,994	99,572	108,650	101,430	111,078
Total revenue from consumers 1.....	381,711	352,711	354,023	351,191	355,083	357,630	357,827	365,150
Domestic.....	301,785	277,729	272,045	263,811	257,287	255,078	256,418	255,131
House heating.....	14,687	14,089	18,811	22,601	26,144	28,472	30,809	35,930
Industrial and commercial.....	69,743	59,866	61,701	63,286	70,141	72,507	60,001	72,774
<b>NATURAL-GAS INDUSTRY</b>								
Population served, Dec. 31.....						33,127	33,726	34,298
Miles of main, Dec. 31.....						183,400	186,000	190,300
Employees, Dec. 31.....						60,300	63,800	65,300
Total number of customers, Dec. 31.....	6,128	6,177	6,301	6,605	6,817	7,096	7,216	7,454
Domestic 2.....	5,671	5,716	5,911	6,104	6,292	6,521	6,650	6,870
Commercial.....	430	433	447	408	488	505	524	541
Industrial 3.....	27	28	33	33	37	40	42	43
Total gas sales to consumers.....	834,010	862,388	976,141	1,053,806	1,215,930	1,314,007	1,210,856	1,328,243
Domestic 1.....	820,641	800,286	903,321	920,733	1,039,803	1,089,890	1,052,238	1,129,971
Commercial.....	77,100	73,781	79,153	88,115	96,759	103,220	100,743	109,314
Industrial 3.....	346,269	488,321	503,667	644,958	779,278	857,797	757,875	845,958
Total revenue from consumers.....	432,651	320,889	347,067	376,388	412,444	443,408	415,766	448,860
Domestic 2.....	228,063	213,496	213,619	225,445	237,210	248,175	242,178	255,806
Commercial.....	38,995	37,165	38,376	42,314	46,463	48,642	47,147	50,362
Industrial 3.....	75,593	79,228	95,072	108,629	128,771	146,591	126,431	142,692

1 Including data for the miscellaneous group not separately shown. 2 Including house heating.

3 Including data for electric generation.

Source of tables 799 and 800: American Gas Association, Annual Statistics of the Manufactured-Gas and Natural-Gas Industries, Statistical Bulletins Nos. 40 and 41.

No. 801.—GAS PRICES—MONTHLY PRICES OF SPECIFIED QUANTITIES, BY CITIES

[Based on rates as of Dec. 15, 1939]

CITY	Kind of gas <sup>1</sup>	Heating value per cubic foot in British thermal units	EQUIPMENT AND AVERAGE MONTHLY CONSUMPTION FOR 5-ROOM HOUSE							
			Range, 10.6 therms <sup>1</sup>		Range and manual water heater, 19.6 therms <sup>1</sup>		Range and automatic <sup>3</sup> water heater, 30.6 therms <sup>2</sup>		Range, automatic <sup>3</sup> water heater, and refrigerator, 40.6 therms <sup>2</sup>	
			Monthly bill	Price per therm	Monthly bill	Price per therm	Monthly bill	Price per therm	Monthly bill	Price per therm
		Dollars	Cents	Dollars	Cents	Dollars	Cents	Dollars	Cents	
Atlanta	N	980	1.78	16.8	2.70	13.8	3.77	12.3	4.38	10.8
Baltimore	M	500	1.80	17.0	3.33	17.0	4.78	15.6	6.08	15.0
Birmingham	M	520	1.68	15.4	3.02	15.4	4.70	15.4	6.25	15.4
Boston	M	535	2.78	26.2	4.13	21.1	5.78	18.9	7.27	17.9
	M	535	2.28	21.5	4.21	21.5	5.63	18.4	7.12	17.5
Buffalo	X	900	.77	7.2	1.42	7.2	2.21	7.2	2.93	7.2
Butte	N	850	1.11	10.5	1.59	8.1	2.17	7.1	2.70	6.7
Charleston, S. C.:										
Immediate	M	550	2.70	25.5	4.98	25.5	7.19	23.5	9.01	22.2
Objective <sup>4</sup>	M	550	(5)	(5)	4.42	22.6	5.92	19.3	7.28	17.9
Chicago	X	800	2.26	21.3	3.65	18.6	5.01	16.4	5.71	14.1
Cincinnati	X	930	.85	8.0	1.52	7.8	2.29	7.5	2.97	7.3
Cleveland	N	1,000	1.11	10.5	1.56	8.0	2.11	6.9	2.61	6.4
Columbus	N	1,050	1.75	7.1	1.03	5.2	1.60	5.2	2.13	5.2
	N	1,050	1.75	7.1	.90	4.6	1.40	4.6	1.86	4.6
Dallas	N	1,050	1.26	11.9	1.84	9.4	2.54	8.3	3.19	7.9
Denver	N	825	2.18	20.6	3.35	17.1	4.20	13.7	4.84	11.0
Detroit:										
Immediate	N	1,014	1.71	16.1	3.16	16.1	4.93	16.1	6.55	16.1
Promotional <sup>4</sup>	N	1,014	1.55	14.6	2.51	12.8	3.68	12.0	4.75	11.7
Fall River	N	523	2.53	23.9	4.06	20.7	5.94	19.4	7.64	18.8
Houston	M	1,066	1.14	10.8	1.70	8.7	2.37	7.7	2.98	7.3
Indianapolis	M	570	1.58	14.9	2.92	14.9	4.57	14.9	6.05	14.9
Jacksonville	M	535	3.97	37.5	5.73	29.3	7.59	24.8	9.27	22.8
Kansas City	M	1,040	1.33	12.6	2.12	10.8	3.05	10.0	3.88	9.6
Little Rock	N	1,000	1.11	10.4	1.61	8.2	2.23	7.3	2.79	6.9
Los Angeles	N	1,100	1.20	11.3	1.69	8.6	2.25	7.4	2.76	6.8
Louisville	X	900	.98	9.2	1.58	8.0	2.20	7.2	2.78	6.8
Manchester	M	525	2.85	26.8	4.32	24.6	5.07	18.5	6.92	17.0
Memphis	N	980	1.51	14.3	2.48	12.7	3.60	11.8	4.21	10.4
Milwaukee	M	520	1.76	16.6	2.89	14.7	4.26	13.9	5.51	13.6
Minneapolis	X	800	1.92	18.1	3.01	15.4	4.34	14.2	5.50	13.5
Mobile: Present	N	970	2.24	21.1	3.40	17.3	4.72	15.4	5.40	13.3
Objective <sup>4</sup>	N	970	2.04	19.2	2.97	15.2	4.04	13.2	4.66	11.5
Newark	M	525	2.69	25.4	4.31	22.0	6.06	19.8	7.20	18.0
New Haven	N	528	2.41	22.7	4.11	21.0	6.20	20.3	8.09	19.9
New Orleans	M	950	1.26	11.9	2.10	10.7	3.15	10.3	4.09	10.1
New York:										
Bronx, Manhattan, and Queens	M	540	2.32	21.9	4.30	21.9	6.72	21.9	8.91	21.9
Brooklyn	M	540	2.36	22.3	3.83	19.6	5.30	17.3	6.48	16.0
	M	540	2.46	23.2	4.09	20.9	6.09	19.9	7.90	19.5
	M	540	2.61	24.6	4.28	21.8	5.96	19.5	7.19	17.7
Richmond	M	540	3.14	29.6	5.15	26.3	7.15	23.3	8.95	22.1
Norfolk	M	530	2.40	22.6	4.36	22.2	6.62	21.6	8.51	21.0
Omaha	M	555	1.46	13.7	2.27	11.6	3.26	10.6	4.16	10.2
Peoria	N	1,000	2.12	20.0	3.64	18.6	4.67	15.3	5.57	13.7
Philadelphia	N	530	1.80	17.0	3.25	16.6	5.00	16.4	6.61	16.3
Pittsburgh	N	1,100	1.00	9.4	1.07	5.4	1.67	5.4	2.21	5.4
	N	1,115	1.00	9.4	1.06	5.4	1.64	5.4	2.18	5.4
Portland, Maine	M	525	3.03	28.5	5.10	26.3	6.51	21.3	8.08	19.8
Portland, Oregon	M	570	2.34	22.0	3.98	20.3	5.33	17.4	6.61	16.3
Providence	M	510	2.57	24.3	4.16	21.2	6.10	19.9	7.86	19.4
Richmond	M	525	2.63	24.8	4.78	24.4	6.05	19.8	7.70	19.1
Rochester	M	537	1.97	18.6	3.65	18.6	5.56	18.2	7.05	17.4
St. Louis	X	800	2.04	19.3	3.20	16.3	4.38	14.3	5.45	13.4
St. Paul	N	580	1.98	18.7	3.19	16.1	4.59	15.0	5.87	14.5
Salt Lake City	N	585	2.12	20.0	3.27	16.7	4.16	13.6	4.80	12.0
San Francisco	N	1,150	1.18	11.2	1.65	8.4	2.22	7.2	2.68	6.6
Savannah	M	535	2.48	23.2	4.58	23.3	7.15	23.3	9.40	23.3
Scranton	M	520	2.89	27.2	4.57	23.3	5.77	18.8	7.60	18.7
Seattle	M	500	3.10	29.2	5.36	27.3	5.82	17.4	6.45	15.9
Springfield, Ill.	N	1,000	1.51	18.0	3.36	17.1	4.47	14.6	5.37	13.2
Washington	X	604	1.51	14.2	2.69	13.7	3.96	12.9	5.06	12.5

<sup>1</sup> M, manufactured; N, natural; X, mixed. <sup>2</sup> Automatic storage or instantaneous water heater.  
<sup>3</sup> 1 therm equals 100,000 British thermal units. <sup>4</sup> Rate designed to encourage greater use of gas.  
<sup>5</sup> The "Objective" rate is not applicable for customers using 10.6 therms for the reason that the bill would be higher than that computed under the "Immediate" rate.  
<sup>6</sup> Minimum charge. <sup>7</sup> Prices include 2-percent sales tax. <sup>8</sup> Prices include 3-percent sales tax.  
<sup>9</sup> Reports from 2 companies with identical rates.

No. 802.—PETROLEUM, CRUDE—PRODUCTION: 1861 TO 1939

Quantities in thousands of barrels (42 gallons); values in thousands of dollars

YEARLY AVERAGE	Quantity		Value		YEAR	Quantity		Value	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1861-1865	2,470	9,965	1810	209,587	127,900	1925	763,743	1,284,960	
1866-1870	4,013	15,795	1811	220,449	134,045	1926	770,874	1,447,700	
1871-1875	8,221	16,430	1812	222,955	164,213	1927	901,129	1,172,830	
1876-1880	16,816	22,926	1813	248,446	237,121	1928	901,474	1,054,880	
1881-1885	25,508	22,933	1814	265,763	214,125	1929	1,007,523	1,280,417	
1886-1890	32,990	23,830	1915	281,104	179,463	1930	898,011	1,070,200	
1891-1895	51,095	35,708	1916	300,767	330,900	1931	851,081	550,630	
1896-1900	50,498	56,836	1917	335,316	522,635	1932	785,159	680,460	
1901-1905	102,083	83,524	1918	355,928	703,944	1933	905,656	608,000	
1906-1910	172,769	119,572	1919	378,367	760,266	1934	908,065	904,825	
1911-1915	247,739	185,793	1920	442,929	1,360,745	1935	996,596	961,440	
1916-1920	302,061	735,698	1921	472,183	814,745	1936	1,099,687	1,199,820	
1921-1925	647,961	909,186	1922	567,531	895,111	1937	1,279,160	1,513,340	
1926-1930	895,762	1,205,217	1923	732,407	978,430	1938	1,214,355	1,373,060	
1931-1935	839,311	741,071	1924	713,940	1,022,683	1939 (prel.)	1,264,256	1,265,000	

<sup>1</sup> Estimated.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 803.—PETROLEUM, CRUDE AND REFINED—PRODUCTION, IMPORTS, EXPORTS, AND BUNKER OIL LADEN ON VESSELS IN FOREIGN TRADE: 1871 TO 1939

NOTE.—Exports of refined oils include residuum prior to 1913 and exclude it thereafter. Exports exclude reexports of imported oils. General imports through 1933; imports for consumption thereafter

PERIOD	QUANTITY (THOUSANDS OF BARRELS OF 42 GALLONS)					VALUE (MILLIONS OF DOLLARS)					
	Production, crude oil	Imports		Exports		Bunker oil	Imports		Exports		Bunker oil
		Crude oil	Refined oils	Crude oil	Refined oils		Crude oil	Refined oils	Crude oil	Refined oils	
1871-1880	12,519	(1)	(1)	528	6,026	(1)	(1)	(1)	2.4	37.7	(1)
1881-1890	29,249	(1)	(1)	1,719	12,084	(1)	(1)	(1)	5.1	43.7	(1)
1891-1895	51,095	(1)	(1)	2,606	16,751	(1)	(1)	(1)	6.0	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	<sup>2</sup> 295	(1)	3,689	30,521	(1)	10.7	(1)	6.4	90.4	(1)
1911-1915	247,739	12,089	293	4,184	44,476	(1)	7.6	1.1	6.1	125.8	(1)
1916-1920	362,661	49,531	1,396	5,413	58,896	11,681	26.5	5.0	14.1	323.7	24.2
1921-1925	647,961	94,857	12,545	13,380	76,455	36,501	68.0	22.2	22.5	363.6	55.9
1926-1930	895,762	67,919	23,770	20,062	119,700	60,198	78.6	51.8	30.2	464.7	62.3
1931-1935	839,311	38,395	23,902	36,413	<sup>3</sup> 70,892	34,868	27.3	22.3	38.2	<sup>3</sup> 164.3	31.3
1923	732,407	32,015	17,592	17,061	77,893	37,582	53.9	24.3	23.1	327.0	52.2
1924	713,940	77,775	16,700	17,005	98,411	43,328	73.8	26.9	26.5	392.3	58.0
1925	763,743	61,824	16,324	13,125	98,843	42,827	75.4	31.3	24.3	422.6	68.2
1926	770,874	60,892	20,902	15,406	108,398	46,662	79.3	44.6	28.5	497.2	71.0
1927	901,129	58,383	18,281	15,843	115,390	50,051	78.6	33.6	25.0	429.7	73.0
1928	901,474	79,767	17,701	18,961	126,159	51,226	90.5	40.9	26.8	465.2	59.4
1929	1,007,323	78,933	29,632	20,394	126,377	52,278	79.9	61.0	37.8	493.4	54.7
1930	898,011	62,129	43,381	23,704	122,167	50,773	64.9	78.7	32.2	438.2	53.6
1931	851,081	47,250	38,702	25,535	91,009	43,714	39.2	52.1	20.8	232.3	38.8
1932	785,159	44,700	30,228	27,301	<sup>3</sup> 69,348	38,152	30.4	29.2	27.1	<sup>3</sup> 168.1	29.4
1933	905,656	31,908	31,908	37,584	<sup>3</sup> 61,419	32,272	17.7	7.1	32.0	<sup>3</sup> 161.3	27.1
1934	908,065	35,772	14,952	41,127	<sup>3</sup> 64,750	29,899	25.9	9.6	49.8	<sup>3</sup> 150.5	31.3
1935	996,687	32,345	22,360	51,430	<sup>3</sup> 67,932	30,304	23.4	13.5	61.2	<sup>3</sup> 169.9	29.9
1936	1,099,687	32,987	25,460	30,313	<sup>3</sup> 71,402	33,407	23.2	16.5	66.1	<sup>3</sup> 179.0	34.3
1937	1,279,160	27,310	33,038	67,127	<sup>3</sup> 93,464	37,688	20.8	22.4	98.4	<sup>3</sup> 253.4	43.5
1938	1,214,355	26,048	27,891	77,254	<sup>3</sup> 102,124	36,059	18.6	19.7	111.6	<sup>3</sup> 249.6	37.8
1939 (prel.)	1,264,256	34,106	27,350	72,064	<sup>3</sup> 103,527	37,036	23.3	18.7	92.8	<sup>3</sup> 263.1	39.0

<sup>1</sup> Data are not available.

<sup>2</sup> Average for years 1908-10 for total mineral oils.

<sup>3</sup> Not including natural gasoline (308,000 barrels valued at \$533,000 in 1932, 1,657,000 barrels at \$3,395,000 in 1933, 1,405,000 barrels at \$2,729,000 in 1934, 1,645,000 barrels at \$3,335,000 in 1935, 1,904,000 barrels at \$4,227,000 in 1936, 3,738,000 barrels at \$9,465,000 in 1937, 5,114,000 barrels at \$13,059,000 in 1938, and 4,111,000 barrels at \$8,739,000 in 1939), included with refined oils prior to 1932.

Sources: Production, Dept. of the Interior, Bur. of Mines; Minerals Yearbook. Imports and exports, Dept. of Commerce, Bur. of Foreign and Domestic Commerce; annual report, Foreign Commerce and Navigation of the U. S. Also published currently in Monthly Summary of Foreign Commerce of the U. S.

**No. 804.—PETROLEUM, CRUDE—WORLD PRODUCTION; UNITED STATES PRODUCTION BY REGIONS AND STATES: 1911 TO 1939**

[In thousands of barrels of 42 gallons]

SECTION	1911-1915 (average)	1916-1920 (average)	1921-1925 (average)	1926-1930 (average)	1931-1935 (average)	1936	1937	1938	1939 (preliminary)
World total <sup>1</sup> .....	384,348	541,733	944,777	1,318,890	1,460,372	1,804,925	2,041,715	1,987,723	2,076,772
United States <sup>2</sup> .....	247,739	392,661	647,961	895,762	889,311	1,099,687	1,279,160	1,214,355	1,264,266
Percent of total.....	64.5	68.6	68.6	68.0	60.9	60.9	62.7	61.1	60.9
Regions:									
Appalachian.....	24,594	27,161	28,504	31,603	30,079	34,322	36,004	34,731	34,200
Lima-N. E. Ind. <sup>3</sup> .....									
Michigan.....	5,052	3,468	2,208	3,603	10,050	12,706	17,272	19,352	23,401
Illinois-S. W. Indiana <sup>4</sup> .....	24,956	13,918	9,585	7,495	5,326	5,277	8,325	25,046	95,725
Mid-continent.....	87,656	184,616	343,545	527,944	566,251	669,538	774,369	677,521	666,556
Gulf.....	12,357	24,273	33,688	54,140	75,401	140,562	176,743	182,217	190,000
Rocky Mountain.....	2,605	11,830	35,258	29,468	17,984	22,500	26,966	25,739	29,102
California.....	90,512	97,384	105,074	241,509	184,221	214,773	238,521	249,749	224,354
States:									
Arkansas.....		36,844	36,010	12,144	10,469	11,764	18,180	21,143	
California.....	90,512	97,384	195,074	241,509	184,221	214,773	238,521	249,749	224,354
Colorado.....	211	139	392	2,477	1,260	1,650	1,605	1,412	1,301
Illinois.....	24,956	13,918	8,515	6,654	4,551	4,475	7,499	24,075	94,302
Indiana.....	1,167	865	1,011	937	800	822	844	905	1,443
Kansas.....	2,235	32,556	32,733	41,123	43,033	58,317	70,761	60,064	60,723
Kentucky.....	484	5,335	8,044	7,103	5,494	5,633	5,484	5,821	5,551
Louisiana.....	12,997	19,117	25,759	22,338	30,396	30,491	90,024	95,208	93,869
Michigan.....			1	1,913	9,004	11,928	16,628	18,745	22,799
Montana.....		129	2,729	4,826	3,153	5,868	5,805	4,046	5,961
New Mexico <sup>4</sup> .....			554	3,171	15,829	27,223	38,854	35,759	37,323
New York.....	8,926	7,894	1,274	2,765	3,618	4,603	5,478	5,045	5,098
Ohio.....	5,560	7,583	7,045	7,022	4,604	3,847	3,569	3,208	3,156
Oklahoma.....	68,624	102,209	155,083	235,663	176,293	206,555	228,339	174,994	160,072
Pennsylvania.....	8,002	7,662	7,607	10,613	13,443	17,070	10,180	17,426	17,397
Texas.....	16,256	55,008	127,009	245,792	364,341	427,411	510,318	475,850	484,527
West Virginia.....	10,487	8,311	6,575	5,655	4,032	3,847	3,846	3,684	3,580
Wyoming.....	2,394	11,592	31,901	21,145	13,158	14,582	10,166	19,022	21,417

<sup>1</sup> Estimated. <sup>2</sup> Includes for certain years small quantities not distributed by regions and States.

<sup>3</sup> Northwestern Indiana reported with Illinois beginning 1921; previously with Lima-Indiana region.

<sup>4</sup> Not shown separately prior to 1924. <sup>5</sup> Average for years 1924 and 1925.

**No. 805.—PETROLEUM AND PETROLEUM PRODUCTS—STOCKS ON DECEMBER 31: 1920 TO 1939**

[In thousands of barrels of 42 gallons]

	1920	1925	1930	1935	1937	1938	1939
Crude petroleum, total <sup>1</sup> .....	149,448	345,863	{ 408,809 2 411,882 }	314,855	{ 308,826 2 320,338 }	{ 291,425 2 290,027 }	252,240
Gasoline bearing:							
At refineries <sup>2</sup> .....	28,703	4 29,607	{ 41,136 4 361,065 }	47,533	{ 51,041 2 244,545 }	{ 51,551 2 211,931 }	40,215
Pipeline and tank farm <sup>3</sup> .....	117,150	4 308,696	{ 2 364,138 }	256,793	{ 2 243,552 }	{ 2 211,138 }	178,546
Producers' <sup>5</sup> .....	3,586	7,560	6,608	10,529	11,240	{ 11,476 2 10,871 }	11,149
Nongasoline bearing (Calif. heavy crude) <sup>4</sup> .....	(6)	(6)	(6)	(6)	14,606	10,467	13,330
Natural gasoline.....	(6)	7 320	{ 2,377 2 3,100 }	3,698	4,758	4,830	4,421
Refined products, total <sup>1</sup> .....	60,397	206,275	{ 254,311 2 261,680 }	223,361	{ 253,413 2 239,901 }	{ 259,665 2 259,613 }	256,249
Gasoline.....	11,009	38,918	{ 40,541 2 40,098 }	50,447	69,892	65,949	77,301
Kerosene.....	9,359	7,121	6,883	7,915	7,083	7,799	7,570
Gas oil and fuel oil <sup>1</sup> .....	19,938	110,464	{ 140,428 2 137,790 }	103,984	{ 117,685 2 104,073 }	125,619	114,148
Lubricants.....	3,822	7,253	10,971	7,025	7,512	7,695	7,142
Grand total stocks all oils.....	209,845	552,464	{ 665,497 2 666,662 }	541,914	564,997	{ 555,920 2 554,470 }	512,910

<sup>1</sup> California heavy crude and fuel oil included in refined products as residual fuel oil, 1925 through 1937.

<sup>2</sup> For comparison with succeeding year. <sup>3</sup> Includes foreign crude held by importers.

<sup>4</sup> Refinery stocks in California included in pipeline and tank-farm stocks.

<sup>5</sup> Producers' stocks in California included in pipeline and tank-farm stocks prior to 1933.

<sup>6</sup> Not available. <sup>7</sup> At plants only. <sup>8</sup> Includes wax, coke, and asphalt.

Source of tables 804 and 805: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 806.—OILS, CRUDE AND REFINED—SUPPLY AND DEMAND: 1933 TO 1939

[In thousands of barrels of 42 gallons]

	1933	1934	1935	1936	1937	1938	1939 (pre.)
Total new supply of all oils.....	986, 228	996, 823	1, 090, 435	1, 202, 063	1, 383, 284	1, 321, 774	1, 376, 491
Domestic production, total.....	940, 834	946, 329	1, 037, 800	1, 144, 959	1, 331, 127	1, 267, 466	1, 316, 692
Crude petroleum.....	905, 666	908, 065	996, 599	1, 099, 687	1, 279, 160	1, 214, 365	1, 264, 256
Natural gasoline.....	33, 810	38, 556	39, 333	42, 770	49, 177	51, 347	49, 896
Benzol.....	1, 368	1, 708	1, 871	2, 502	2, 790	1, 764	2, 440
Imports—							
Crude.....	31, 899	35, 558	32, 239	32, 327	27, 484	26, 412	33, 095
Refined <sup>1</sup> .....	13, 501	14, 936	20, 396	24, 777	29, 073	27, 896	25, 804
Change in stocks <sup>2</sup> .....	+11, 013	-37, 848	-22, 238	-22, 685	+45, 768	-8, 077	-42, 276
Total demand.....	975, 215	1, 034, 671	1, 112, 673	1, 224, 748	1, 342, 516	1, 330, 861	1, 417, 787
Exports <sup>3</sup> —							
Crude.....	36, 584	41, 127	51, 480	50, 313	67, 234	77, 254	72, 073
Refined <sup>1</sup> .....	70, 143	73, 380	77, 557	81, 681	105, 800	116, 474	116, 909
Domestic <sup>4</sup> .....	868, 488	920, 164	983, 686	1, 092, 754	1, 169, 682	1, 137, 123	1, 228, 785

<sup>1</sup> Includes wax, coke, asphalt, and residuum in barrels. Data from Bur. of Foreign and Domestic Commerce.

<sup>2</sup> Data include crude petroleum, refined products, and natural gasoline.

<sup>3</sup> Includes shipments to noncontiguous territories. Data from Bur. of Foreign and Domestic Commerce.

<sup>4</sup> Includes bunker oil put on vessels engaged in foreign trade.

Source: Department of the Interior, Bureau of Mines, except as noted; Minerals Yearbook.

No. 807.—PETROLEUM PRODUCTS—PRODUCTION, BY KIND: 1933, 1935, AND 1937

PRODUCTS	QUANTITY (THOUSANDS OF GALLONS UNLESS OTHERWISE SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)		
	1933 <sup>1</sup>	1935	1937	1933 <sup>1</sup>	1935	1937
Refinery products, total value.....				1, 359, 968	1, 630, 394	2, 637, 061
Gasoline.....	16, 094, 531	18, 505, 867	22, 620, 325	750, 183	1, 023, 578	1, 447, 688
Naphtha.....	228, 516	216, 906	281, 391	12, 251	13, 223	19, 381
Illuminating oils.....	1, 949, 863	2, 194, 731	2, 608, 045	78, 128	94, 179	123, 681
Fuel oils.....	13, 295, 107	15, 905, 208	19, 243, 714	253, 237	369, 437	512, 904
Distillates.....	1, 598, 816	1, 782, 051	2, 997, 561	49, 648	60, 983	122, 187
Gas oils.....	1, 977, 443	2, 709, 138	3, 153, 937	63, 931	85, 560	110, 428
Residual fuel oils.....	9, 718, 848	11, 414, 016	13, 092, 216	149, 658	212, 905	280, 289
Partially refined oils sold for re-running.....	1, 130, 088	1, 042, 276	1, 147, 454	23, 734	31, 668	38, 726
Above fuel oil.....	760, 697	737, 007	833, 753	}	}	}
Fuel oil.....	345, 215	276, 557	247, 723			
Below fuel oil.....	24, 166	28, 712	60, 973			
Lubricating oils <sup>2</sup> .....	1, 047, 212	1, 274, 384	1, 617, 103	142, 444	186, 594	245, 666
Black, cylinder, red, neutral, pale, and paraffin.....	650, 475	777, 072	970, 593	74, 178	104, 986	133, 986
All other lubricating oils, including compounded (except cylinder) oils.....	396, 736	497, 313	546, 510	68, 266	81, 547	111, 681
Liquid asphaltic road oils.....	300, 243	406, 968	481, 135	8, 343	13, 340	16, 413
Residuum or tar.....	64, 977	88, 526	20, 421	1, 271	1, 096	853
Greases.....	41, 923	49, 919	61, 926	9, 251	12, 740	17, 216
Petrolatum, mineral jelly, etc.....	14, 711	18, 327	23, 088	1, 855	2, 608	3, 932
Lubricating greases, including axle grease <sup>3</sup> .....	27, 212	31, 591	38, 843	7, 396	10, 132	13, 284
Paraffin wax.....	72, 852	76, 495	96, 608	12, 211	14, 447	19, 213
Acid oil.....	85, 627	94, 258	57, 633	1, 015	1, 210	1, 016
Asphalt other than liquid asphalt <sup>4</sup> .....	1, 750	2, 154	2, 971	17, 932	23, 233	31, 352
Petroleum coke <sup>4</sup> .....	1, 751	1, 444	1, 327	5, 682	5, 765	5, 048
Other refinery products, value.....				35, 388	49, 340	57, 393

<sup>1</sup> Data incomplete; see third paragraph of general note, p. 802.

<sup>2</sup> No data.

<sup>3</sup> Production in petroleum refineries only.

<sup>4</sup> Thousands of tons of 2,000 pounds.

Source: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.

**No. 808.—PETROLEUM AND NATURAL GASOLINE—AMOUNTS RUN TO STILL; REFINERY PRODUCTION, STOCKS, EXPORTS, AND APPARENT CONSUMPTION OF PRODUCTS: 1918 TO 1939**

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 the several products take into account imports not shown separately

[In thousands of barrels of 42 gallons, except as indicated]

ITEM	1918	1920	1925	1930	1935	1937	1938	1939 (prel.)
Crude oil run to stills.....	326,025	433,915	739,920	927,447	965,790	1,183,440	1,165,015	1,237,840
Domestic.....	324,618	372,779	698,682	866,615	933,659	1,167,444	1,138,828	1,204,350
Foreign.....	1,407	61,136	41,238	60,832	32,131	25,996	26,187	33,490
Natural gasoline run to stills or blended at refineries.....	2,451	3,158	19,636	43,170	31,025	139,381	139,961	140,320
Stocks of crude oil, end of year.....	15,750	21,261	29,200	41,136	47,633	51,041	61,551	49,215
Motor fuel:								
Production.....	86,280	118,022	262,252	440,728	468,021	571,727	569,162	607,941
Exports (gasoline, natural gasoline, and benzol).....	13,650	15,678	31,684	65,575	30,613	38,306	50,109	44,559
Stocks, end of year.....	7,080	11,009	38,918	40,098	354,345	374,050	370,779	381,722
Apparent consumption.....	76,672	102,937	226,329	394,800	434,310	519,352	523,003	552,557
Kerosene:								
Production.....	43,401	55,240	59,689	49,208	55,813	65,308	64,580	68,521
Exports.....	11,820	20,878	21,212	16,884	6,651	8,886	7,504	8,243
Stocks, end of year.....	9,050	9,359	7,121	6,883	7,015	7,083	7,799	7,576
Apparent consumption.....	34,442	33,082	39,969	34,736	47,645	54,972	56,300	60,501
Gas oil and fuel oils:								
Production.....	174,319	210,987	364,991	372,498	360,061	458,770	446,664	468,566
Exports.....	29,637	22,080	36,088	36,450	28,948	45,433	47,561	49,511
Stocks, end of year.....	16,691	19,938	24,681	437,790	403,984	417,685	125,619	126,008
Apparent consumption.....					366,723	442,355	409,282	459,764
Lubricants:								
Production.....	20,035	24,938	31,055	34,201	27,853	35,321	30,826	35,036
Exports.....	6,165	9,643	9,678	9,935	8,490	10,975	9,417	11,981
Stocks, end of year.....	3,306	3,822	7,253	10,971	7,025	7,612	7,696	7,142
Apparent consumption.....	13,823	14,742	20,681	21,589	19,661	23,323	21,233	23,613
Wax—production.....1,000 lbs.	595,144	541,204	590,577	547,680	450,240	521,640	435,400	464,520
Stocks, end of year.....do.	199,658	195,368	116,391	232,592	114,675	144,992	129,340	75,648
Coke—production.....1,000 tons <sup>1</sup>	560	577	991	1,940	1,458	1,397	1,602	1,666
Stocks, end of year.....do.	23	32	238	1,069	389	379	708	666
Asphalt—production.....1,000 tons <sup>2</sup>	608	1,291	2,677	3,308	3,115	4,182	4,341	4,954
Stocks, end of year.....do.	77	81	159	308	430	557	490	550
Other finished products.....			8,044	13,179	59,102	74,687	76,354	77,206
Losses.....	14,657	18,743	22,914	37,003	11,403	6,256	4,242	7,345

<sup>1</sup> Includes natural gasoline run through pipe lines in California.

<sup>2</sup> Stocks east of California only

<sup>3</sup> Includes terminal, transit, and natural gasoline stocks.

<sup>4</sup> Including California heavy crude.

<sup>5</sup> For comparison with succeeding year.

<sup>6</sup> New basis; considers transfers of light grades of crude petroleum to the gas-oil and fuel-oil account, and also changes in bulk-terminal stocks, in refinery districts east of California.

<sup>7</sup> Of 2,000 pounds.

<sup>8</sup> Other finished products include still gas formerly reported also with losses.

**No. 809.—PETROLEUM AND NATURAL GASOLINE—AMOUNTS RUN TO STILL, 1938 AND 1939, AND REFINERY PRODUCTS, 1939, BY REGIONS**

[In thousands of barrels of 42 gallons, except wax, which is in thousands of pounds]

REGION	CRUDE OIL RUN TO STILL		NATURAL GASOLINE RUN TO STILL OR BLENDED		OUTPUT OF REFINERIES, 1939 <sup>1</sup>				
	1938	1939 <sup>2</sup>	1938	1939 <sup>2</sup>	Gasoline	Kero-sene	Gas oil and fuel oil	Lubri-cants	Wax
Total.....	1,168,016	1,237,840	39,961	40,320	595,995	68,521	468,566	35,036	464,520
East coast.....	180,606	192,381	1,198	2,140	78,625	9,120	86,030	9,055	189,840
Appalachian.....	30,180	43,767	269	297	21,805	2,847	8,283	6,128	97,160
Indiana, Illinois, Ken-tucky, etc.	163,140	191,634	4,488	4,516	109,447	8,476	47,925	3,111	38,080
Oklahoma, Kansas, and Missouri.....	111,143	112,409	5,772	5,112	65,494	7,073	29,824	3,100	31,920
Texas.....	374,829	399,233	12,688	12,304	196,681	26,201	160,426	8,675	73,920
Louisiana and Arkansas.....	70,092	73,456	1,119	863	29,083	9,368	27,537	2,042	22,400
Rocky Mountain.....	24,791	26,300	803	711	15,066	782	7,537	1,80	11,200
California.....	200,334	198,654	113,624	114,377	79,774	4,654	11,006	2,745	.....

<sup>1</sup> Preliminary. <sup>2</sup> Includes 1,340,000 barrels run through pipe lines in 1938 and 1,147,000 barrels in 1939.

Source of tables 808 and 809: Dept. of the Interior, Bur. of Mines; Minerals Yearbook.

No. 810.—PETROLEUM PIPE LINES—SUMMARY: 1921 TO 1939

[All figures, except miles of line operated, in thousands of dollars]

YEAR	Miles of line operated	Investment in pipe lines	Other investments	Pipe-line operating revenues	Pipe-line operating expenses	Pipe-line operating income	Net income
1921	55,260	305,024	287,114	115,950	62,370	25,530	34,400
1925	70,009	511,088	93,896	164,645	80,232	70,966	88,495
1930	88,727	772,711	96,184	237,910	99,363	121,816	123,741
1931	93,090	845,050	90,505	222,944	96,237	116,767	120,738
1932	92,783	763,942	41,754	211,789	86,008	110,019	112,362
1933	93,724	766,251	47,947	217,192	85,374	107,811	105,943
1934	93,070	758,172	57,275	199,166	86,884	84,865	84,143
1935	92,037	703,009	110,071	197,368	89,364	79,586	78,249
1936	94,060	773,743	77,239	219,057	92,899	94,491	91,742
1937	96,611	802,946	87,389	248,198	99,641	109,994	102,720
1938	95,775	807,657	70,666	228,211	98,766	95,128	80,346
1939	98,681	829,646	65,124	212,466	97,130	83,401	74,611

Source: Records of Interstate Commerce Commission.

No. 811.—PETROLEUM AND PETROLEUM PRODUCTS—PRICES, 1921 TO 1939, AND BY MONTHS, 1939

NOTE.—Prices of crude and fuel oil in dollars per barrel of 42 gallons; others in cents per gallon. All prices are weighted averages compiled by Joseph E. Pogue

YEAR	Crude <sup>1</sup>	Gasoline <sup>2</sup>	Kerosene <sup>3</sup>	Fuel oil <sup>4</sup>	Lubricating oil <sup>5</sup>	MONTH, 1939	Crude <sup>1</sup>	Gasoline <sup>2</sup>	Kerosene <sup>3</sup>	Fuel oil <sup>4</sup>	Lubricating oil <sup>5</sup>
1921	1.86	12.9	12.9	1.30	—	January	1.13	9.3	9.1	0.87	12.8
1925	1.96	19.9	12.3	1.46	24.3	February	1.16	9.2	9.1	.88	13.0
1930	1.39	16.4	12.1	.78	19.8	March	1.18	9.2	6.0	.90	13.2
1931	.91	12.9	10.3	.57	14.7	April	1.18	9.2	8.9	.92	13.4
1932	1.02	13.2	9.4	.62	14.5	May	1.18	9.8	8.9	.92	13.4
1933	.87	12.8	9.2	.67	14.7	June	1.16	9.6	8.9	.93	13.5
1934	1.21	13.5	9.5	.84	18.5	July	1.10	9.6	8.9	.93	13.4
1935	1.17	13.4	8.9	.89	14.4	August	1.14	9.6	8.9	.94	13.6
1936	1.30	13.9	9.0	.92	16.3	September	1.13	9.7	8.9	.96	16.9
1937	1.39	10.5	9.5	1.05	17.7	October	1.18	9.8	6.0	.99	21.6
1938	1.25	9.9	9.5	.91	12.9	November	1.22	9.7	9.1	.99	22.4
1939	1.17	9.5	9.0	.94	15.8	December	1.24	9.6	9.2	.99	22.7

<sup>1</sup> Average for 5 important grades at wells.

<sup>2</sup> Average based on sales in 50 cities (exclusive of all taxes). Prior to 1937, service-station prices; thereafter, tank-wagon prices.

<sup>3</sup> Average for 5 markets.

<sup>4</sup> Prior to 1938, average of 5 refining-location prices; thereafter, 4.

<sup>5</sup> Average of 6 grades at refineries.

No. 812.—OIL WELLS, NUMBER AND PRODUCTION, 1937 AND 1938, AND NUMBER OF OIL AND GAS WELLS DRILLED, 1938 AND 1939, BY STATES

STATE	PRODUCING OIL WELLS				WELLS DRILLED <sup>1</sup>					
	Approximate number, Dec. 31		Average production per well per day (barrels)		Oil		Gas		Dry	
	1937	1938	1937	1938	1938	1939	1938	1939	1938	1939
Total	369,030	369,640	9.8	9.1	18,433	17,486	2,236	2,145	6,043	6,357
Arkansas	2,670	2,800	12.1	18.2	204	183	3	6	44	65
California <sup>2</sup>	13,490	13,930	50.9	60.0	993	852	7	15	265	251
Colorado	200	200	21.4	19.3	7	7	1	1	10	17
Illinois	14,110	15,800	1.5	4.4	1,806	2,943	23	18	408	621
Indiana	1,240	1,260	1.9	2.2	46	176	43	44	69	156
Kansas	21,850	20,900	9.3	7.7	1,108	977	200	160	402	309
Kentucky	13,790	13,900	1.1	1.2	434	275	91	110	314	312
Louisiana	4,186	4,900	62.6	57.6	690	871	126	98	331	403
Michigan	1,780	2,140	29.0	26.2	566	813	23	52	406	527
Montana	1,600	1,620	10.4	8.4	69	114	21	26	27	37
New Mexico	1,620	2,400	67.2	45.4	494	525	19	18	67	63
New York	19,900	20,150	.8	.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ohio	28,600	27,000	.3	.3	189	216	433	497	288	319
Oklahoma	55,900	54,400	11.3	8.7	936	1,045	160	161	545	603
Pennsylvania	82,800	81,500	.6	.6	41,090	41,536	4166	4200	496	4148
Texas	77,860	85,600	19.4	16.0	8,592	6,053	341	314	2,577	2,323
West Virginia	18,400	17,700	.6	.6	114	110	484	419	126	90
Wyoming	3,350	3,300	15.5	15.7	95	99	10	10	43	41
Other States	130	140					71	16	26	67

<sup>1</sup> Figures, except for California, from Oil and Gas Journal.

<sup>2</sup> Included in Pennsylvania.

<sup>3</sup> From American Petroleum Institute.

<sup>4</sup> Includes New York.

Source: Dept. of the Interior, Bur. of Mines; Minerals Yearbook, except as noted.



## No. 813.—ASPHALT—SUPPLY, DISTRIBUTION, AND VALUE: 1933 TO 1939

	1933	1934	1935	1936	1937	1938	1939
Total supply (1,000 tons of 2,000 pounds).....	3,090	3,573	4,028	5,098	5,301	5,575	5,979
Native asphalt and related bitumens:							
Produced.....	313	441	347	581	485	478	400
Imported (chiefly lake asphalt).....	22	16	54	22	29	24	27
Petroleum asphalt (excluding road oil):							
Produced at refineries from—							
Domestic petroleum.....	1,237	1,445	1,802	2,327	2,804	3,069	4,954
Foreign petroleum.....	1,219	1,396	1,485	1,738	1,556	1,438	
Imported.....					53	10	47
Stocks, Jan. 1.....	299	276	339	430	364	557	490
Total distribution (1,000 tons of 2,000 pounds).....	3,080	3,573	4,028	5,098	5,301	5,575	5,979
Native asphalt and related bitumens:							
Indicated domestic demand.....	299	426	328	567	467	464	446
Exports (unmanufactured).....	14	15	19	14	19	14	14
Petroleum asphalt (excluding road oil):							
Indicated domestic demand (incl. lake asphalt).....	2,296	2,569	3,028	3,962	4,049	4,405	4,769
Exports.....	204	224	223	191	209	202	200
Stocks, Dec. 31.....	276	339	430	364	557	490	550
VALUE (1,000 DOLLARS)							
Native asphalt and related bitumens:							
Sales.....	1,705	2,366	2,149	3,261	3,019	2,875	3,067
Imports (chiefly lake asphalt).....	278	222	545	316	396	378	369
Exports (unmanufactured).....	554	581	710	528	720	544	577
Petroleum asphalt (excluding road oil):							
Sales.....	23,543	20,895	31,355	41,145	42,994	41,381	40,892
Imports.....					260	39	189
Exports.....	2,861	3,388	3,371	2,835	3,111	3,030	3,098

## No. 814.—GYPSUM—SUPPLY, SALES, IMPORTS, AND EXPORTS: 1935 TO 1939

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

	1935	1936	1937	1938	1939
Crude gypsum:					
Mined.....	1,904	2,713	3,058	2,684	3,227
Imported.....	450	677	897	789	1,308
Apparent supply.....	2,354	3,390	3,956	3,474	4,535
Calcined gypsum produced:					
Short tons.....	1,383	( <sup>2</sup> )	3,241	3,253	3,281
Value.....	( <sup>2</sup> )	( <sup>2</sup> )	\$11,076	\$10,990	\$14,621
Gypsum products sold: <sup>4</sup>					
Uncalcined:					
Short tons.....	595	831	3,861	3,757	3,868
Value.....	1,329	1,866	3,192	3,161	3,192
Calcined:					
Short tons.....	1,553	2,210	3,264	3,255	3,224
Value.....	22,358	31,089	36,880	34,875	34,001
Gypsum and gypsum products:					
Imported for consumption, value.....	720	862	1,168	1,002	1,365
Exported, value.....	186	256	271	283	309

<sup>1</sup> To avoid revealing confidential data, by-product gypsum is excluded.<sup>2</sup> Data not collected.<sup>3</sup> Includes by-product gypsum.<sup>4</sup> Gypsum products from domestic and imported crude.

Source of tables 813 and 814: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 815.—PORTLAND CEMENT—PRODUCTION, BY STATES; SHIPMENTS, IMPORTS, AND STOCKS: 1910 TO 1939

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 816)

STATE	1910	1920	1925	1930	1935	1937	1938	1939
Thousands of barrels of 376 pounds								
Production, total.....	76,550	100,029	161,869	161,197	76,742	118,175	105,367	122,269
Alabama.....	1,481	1,132	6,288	4,821	2,493	4,415	4,028	5,038
California.....	6,386	7,098	13,093	10,124	7,974	11,954	10,513	10,990
Illinois.....	4,459	5,539	7,101	7,935	3,368	5,246	3,960	4,649
Iowa.....	2,010	4,849	4,648	7,088	3,520	4,700	4,727	4,718
Kansas.....	5,060	4,841	6,511	6,012	2,337	3,097	3,264	3,739
Michigan.....	3,082	4,891	10,936	11,511	4,379	3,181	7,159	8,219
Missouri.....	4,456	6,018	8,332	7,809	3,392	4,753	4,491	4,786
New York.....	5,296	5,825	8,770	10,373	4,285	5,713	5,808	6,868
Ohio.....	1,522	1,780	5,715	8,632	3,875	6,700	5,188	5,800
Pennsylvania.....	20,676	28,269	42,347	37,844	15,502	23,004	20,865	25,106
Tennessee.....	(*)	(*)	(*)	3,875	2,733	3,081	3,319	3,537
Texas.....	2,287	2,562	4,858	6,782	3,787	6,906	6,949	7,337
Other States.....	14,027	27,659	43,055	38,393	18,925	23,565	24,482	31,473
Shipments.....	(?)	96,312	157,295	159,059	75,293	113,805	106,324	122,651
Imports.....	307	525	3,687	985	619	1,804	1,727	1,914
Stocks at mills (Dec.31).....	(?)	8,333	18,336	25,899	23,065	24,913	23,993	23,601

\* Includes Georgia and Tennessee.

† California includes Washington.

‡ Includes Kentucky and West Virginia.

§ Included in other States.

¶ Includes Oklahoma.

‡ Includes production of Puerto Rico.

† Not available.

No. 816.—PORTLAND CEMENT—SHIPMENTS, BY STATES, AND EXPORTS: 1936 TO 1939

(In thousands of barrels of 376 pounds)

STATE	1936	1937	1938	1939	STATE	1936	1937	1938	1939
Shipped from cement plants.....	112,850	113,806	108,324	122,651	Shipments to States—Continued.				
Shipments to States.....	111,967	112,732	105,043	120,849	South Atlantic—Continued.				
New England.....	4,531	4,899	4,618	6,015	West Virginia.....	2,061	1,325	1,021	1,305
Maine.....	373	393	412	416	North Carolina.....	1,209	1,432	1,649	2,090
New Hampshire.....	320	345	289	375	South Carolina.....	610	734	769	934
Vermont.....	238	295	222	264	Georgia.....	1,518	1,423	1,324	1,485
Massachusetts.....	1,000	2,068	1,958	2,607	Florida.....	1,203	1,365	1,236	1,506
Rhode Island.....	494	422	372	567	East South Central.....				
Connecticut.....	1,206	1,478	1,305	1,787	Kentucky.....	5,850	6,827	7,284	7,071
Middle Atlantic.....	21,635	22,182	20,315	23,285	Tennessee.....	1,625	1,704	1,954	1,909
New York.....	11,325	11,112	10,824	12,224	Tennessee.....	2,055	2,082	1,070	2,213
New Jersey.....	3,760	3,853	3,424	4,008	Alabama.....	1,222	1,224	1,311	1,368
Pennsylvania.....	6,550	7,213	6,068	7,052	Mississippi.....	948	1,816	2,020	1,532
East North Central.....	24,307	24,005	22,446	26,110	West South Central.....				
Ohio.....	5,414	5,420	5,266	6,309	Arkansas.....	10,077	10,451	10,859	11,526
Indiana.....	3,392	3,279	2,837	3,577	Arkansas.....	646	743	779	841
Illinois.....	6,981	6,945	6,432	7,664	Louisiana.....	1,644	1,695	1,908	1,978
Michigan.....	5,657	5,360	5,289	5,338	Oklahoma.....	2,416	2,069	1,000	2,166
Wisconsin.....	2,893	3,001	2,620	3,222	Texas.....	5,471	5,914	6,271	6,541
West North Central.....	12,978	12,874	11,830	13,529	Mountain.....	5,642	4,749	4,328	4,336
Minnesota.....	2,843	2,553	2,394	2,650	Montana.....	1,488	820	392	470
Iowa.....	2,902	3,240	3,227	2,994	Idaho.....	364	471	338	411
Missouri.....	3,264	3,132	2,788	3,225	Wyoming.....	249	395	497	265
North Dakota.....	320	275	280	284	Colorado.....	1,134	1,056	857	1,171
South Dakota.....	399	526	394	462	New Mexico.....	1,534	825	891	674
Nebraska.....	1,212	1,101	1,102	1,224	Arizona.....	563	571	702	640
Kansas.....	2,039	1,950	1,646	1,690	Utah.....	509	500	479	552
South Atlantic.....	11,046	11,148	11,222	13,283	Nevada.....	202	110	128	153
Delaware.....	352	292	299	357	Pacific.....	16,235	15,498	12,133	16,368
Maryland.....	1,469	1,842	1,612	1,904	Washington.....	3,781	4,107	2,237	5,074
District of Columbia.....	1,147	1,066	1,005	1,423	Oregon.....	816	762	669	795
Virginia.....	1,477	1,668	2,307	2,163	California.....	11,639	10,629	9,216	9,596
					Unspecified.....	267	51	19	149
					Exports direct by manufacturers <sup>1</sup> .....	883	1,022	1,281	2,002

<sup>1</sup> Includes shipments to Alaska, Hawaii, and Puerto Rico.

Source of tables 815 and 816: Dept. of the Interior, Bur. of Mines; Minerals Yearbook.

## No. 817.—CEMENT—PRODUCTION, BY KIND: 1890 TO 1939

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	1924.....	150,777	149,358	1,418	272,345
1895.....	8,781	990	7,741	5,482	1925.....	163,388	161,659	1,729	281,076
1900.....	17,231	8,482	8,749	13,284	1926.....	166,635	164,530	2,105	280,786
1905.....	40,102	35,247	4,855	35,932	1927.....	175,380	173,207	2,124	281,786
1910.....	77,785	76,550	1,235	68,752	1928.....	178,509	176,299	2,210	278,883
1912.....	83,351	82,438	913	67,463	1929.....	172,856	170,646	2,209	255,105
1913.....	92,949	92,007	852	93,001	1930.....	162,989	161,197	1,792	231,249
1914.....	89,050	88,230	820	82,204	1931.....	126,671	125,429	1,242	142,580
1915.....	86,708	85,915	794	74,285	1932.....	77,198	76,741	457	82,718
1916.....	92,363	91,521	842	101,879	1933.....	63,984	63,473	511	86,229
1917.....	93,454	92,814	639	126,106	1934.....	78,419	77,748	672	117,882
1918.....	71,515	71,082	433	114,132	1935.....	77,748	76,742	1,006	114,810
1919.....	81,307	80,778	529	138,714	1936.....	114,460	112,660	1,810	172,778
1920.....	100,791	100,023	767	203,193	1937.....	118,075	116,175	1,901	171,414
1921.....	99,381	98,842	539	187,708	1938.....	107,178	105,357	1,821	156,703
1922.....	115,679	114,760	889	203,324	1939.....	124,698	122,259	2,439	184,255
1923.....	138,732	137,460	1,272	293,122					

<sup>1</sup> Value of shipments.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

## No. 818.—STONE—SALES, BY KIND AND BY USE: 1933 TO 1939

VARIETY AND USE	QUANTITY SOLD, THOUSANDS OF SHORT TONS (2,000 POUNDS) <sup>1</sup>							VALUE, 1,000 DOLLARS	
	1933	1934	1935	1936	1937	1938	1939 <sup>2</sup>	1938	1939 <sup>2</sup>
Total.....	70,222	92,064	83,159	131,416	133,143	124,839	147,447	139,255	158,462
Granite.....	4,422	6,792	6,014	15,442	9,266	10,433	12,041	20,916	22,496
Basalt and related rocks.....	7,394	11,843	9,672	14,014	13,581	13,909	16,091	12,230	14,161
Sandstone.....	2,800	3,605	3,010	6,254	5,073	6,314	8,854	5,056	11,746
Marble.....	225	177	132	166	208	219	228	5,248	6,689
Limestone.....	45,922	57,502	57,493	87,739	94,577	81,680	100,840	82,287	94,817
All other.....	9,459	12,345	6,838	7,804	10,438	12,284	9,387	10,458	8,550
Building stone.....	870	711	830	1,001	1,159	1,066	1,353	11,895	16,008
Monumental.....	166	187	179	236	249	202	211	7,359	7,266
Paving blocks.....	60	64	78	75	74	38	326	463	3,246
Curbing.....	56	79	69	124	98	109	494	1,217	4,081
Flagging.....	14	23	24	44	50	41	65	418	437
Rubble.....	142	293	276	327	251	370	549	6,927	5,525
Riprap.....	3,255	6,053	4,019	11,319	5,359	6,211	5,812	6,995	5,852
Crushed stone.....	45,491	60,568	54,755	87,271	88,433	94,793	103,391	88,767	93,958
Furnace flux (limestone and marble).....	7,985	9,231	12,192	17,725	21,332	9,703	17,288	6,043	12,632
Refractory stone.....	501	677	866	1,324	1,525	660	1,492	952	2,044
Manufacturing industries (limestone and marble).....	5,638	5,373	5,835	6,596					
Agricultural limestone and other.....	6,045	8,804	3,131	5,373	14,583	11,737	16,666	13,779	18,422

<sup>1</sup> 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 1939: Building stone (cut stone, slabs, and mill blocks), 9,300,300 cubic feet; monumental stone, 2,871,840 cubic feet; paving blocks, 2,797,650 (number); curbing, 1,175,260 cubic feet; and flagging, 789,410 cubic feet.

<sup>2</sup> Preliminary.

<sup>3</sup> To avoid disclosing confidential information, sandstone paving blocks are included under "curbing."

<sup>4</sup> Includes sandstone paving blocks.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

## No. 819.—GLASS AND GLASSWARE—PRODUCTION, BY KIND: 1931, 1935, AND 1937

NOTE.—Comparable figures not available for 1933. See third paragraph of general note, p. 802

	Unit	QUANTITY (THOUSANDS OF UNIT SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)		
		1931	1935	1937	1931	1935	1937
		Total value.....				211,955	277,627
Window glass.....	Sq. ft.	266,772	428,938	616,566	10,307	18,180	31,389
Obscured glass, including cathedral and skylight glass and opalescent sheet glass.....	do	17,796	14,372	27,698	2,389	1,644	3,966
Wire glass, rough and polished.....	do	15,664	11,961	21,343	1,800	1,369	2,719
Tableware, pressed and blown.....					24,293	34,750	41,082
Shades, globes, reflectors, etc.....					6,690	5,812	9,160
Lenses, except optical lenses.....	Dozen	(2)	2,045	2,977	1,362	1,876	3,085
Food-product containers <sup>2</sup> .....	Gross	13,194	14,686	17,059	50,929	54,147	59,740
Beverage containers.....	do	(2)	9,114	16,469	15,642	33,064	57,474
Medicinal and toilet preparation containers.....	do	12,765	14,579	18,348	30,280	30,345	36,157
Other glass and glass products <sup>4</sup> .....					68,392	96,439	109,267

<sup>1</sup> Ovenware, previously included with "Tableware," is included with "Other glass and glass products."<sup>2</sup> Data incomplete or no data. <sup>3</sup> Not including pressed ware (packers' ware) and jelly glasses (home-pack.)<sup>4</sup> Including polished plate glass.

## No. 820.—CLAY PRODUCTS—PRODUCTION, BY KIND: 1933, 1935, AND 1937

INDUSTRY AND PRODUCT	Unit	QUANTITY (THOUSANDS OF UNIT SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)		
		1933	1935	1937	1933	1935	1937
CLAY PRODUCTS (OTHER THAN POTTERY)							
Total value.....					52,772	90,178	159,009
Brick:							
Common.....	Number.	1,019,810	1,811,841	3,262,633	8,816	18,238	34,010
Vitrified <sup>1</sup> .....	do	63,111	71,800	84,078	1,224	1,724	2,049
Face.....	do	270,323	472,587	937,599	3,807	7,011	14,357
Drain tile.....	Ton <sup>2</sup>	108	264	444	1,127	2,002	3,589
Sewer pipe.....	do	451	670	673	4,911	8,617	13,718
Architectural terra cotta.....	do	26	18	29	1,831	1,528	2,915
Hollow building tile or block.....	do	608	913	1,654	2,836	5,469	10,767
Tile (not drain):							
Roofing.....	Squares.	103	135	228	911	1,145	2,054
Floor (incl. plain, vitreous, encaustic, quarry, etc.).....	Sq. ft.	5,793	7,555	13,246	887	1,034	1,784
Ceramic mosaic (vitreous and semivitreous, unglazed).....	do	4,229	6,416	11,734	699	1,317	2,366
Falence (including art, enameled, and hand-decorated).....	do	3,401	12,625	29,182	2,886	3,862	9,066
Wall (white and bright glazed). <sup>3</sup> .....	do	9,930	10,705	10,052	1,552	3,091	2,689
Stove lining.....	Ton <sup>2</sup>	6	8	12	224	236	310
Fire-clay products (shaped):							
Brick, block, etc. <sup>4</sup> .....	Number.	382,076	494,899	728,406	13,834	20,567	34,940
Special shapes.....	Ton <sup>2</sup>	107	156	184	2,293	3,265	4,751
All other clay products.....					5,432	11,021	19,673
POTTERY, INCLUDING PORCELAIN WARE							
Total value.....					44,024	68,283	97,365
Red earthenware (flower pots, etc.).....					1,207	1,795	1,960
Stoneware (except chemical) and yellow and Rockingham ware.....					2,222	1,677	1,889
White ware, cream color, white granite, earthenware, and semivitreous porcelain.....					15,005	22,164	25,711
Hotel china.....					5,008	7,198	10,018
Vitreous china plumbing fixtures.....					7,709	12,969	20,148
Porcelain electrical supplies <sup>5</sup> .....					7,056	12,504	24,837
Saggers.....					328	424	587
All other products.....					5,491	9,651	12,215

<sup>1</sup> Excluding sewer liners. Figure for 1933 includes some brick made for purposes other than paving.<sup>2</sup> Of 2,000 pounds. <sup>3</sup> Including trim.<sup>4</sup> Brick, block, or tile for locomotive and other fire-box lining, etc. (9-inch equiv.); and high alumina brick.<sup>5</sup> Includes value of metal fittings for 1935 and 1937.

Source of tables 819 and 820: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.

**No. 821.—CLAY BUILDING MATERIALS—PRODUCTION OF BRICK, TILE, AND FIRE-CLAY PRODUCTS: 1915 TO 1938**

YEAR	BRICK (MILLIONS)			VALUE (THOUSANDS OF DOLLARS)							
	Com-mon	Vitrif-ied <sup>1</sup>	Face	Brick			Archi- tec- tur- al terra cotta	Hol- low build- ing tile	Tile (other than hollow and drain)	Sewer pipe	Fire- clay Prod- ucts
				Com-mon	Vitrif-ied <sup>1</sup>	Face					
1915 <sup>2</sup>	6,851	953	855	42,145	12,231	9,586	4,796	7,801	5,186	11,250	15,800
1920	4,852	498	787	82,216	12,079	19,441	10,852	27,112	12,470	25,971	53,416
1923	7,282	690	1,931	94,473	15,570	38,862	15,436	28,275	23,804	29,103	46,677
1924	7,159	554	2,030	86,092	12,974	39,931	16,446	24,098	24,842	32,400	40,621
1925	7,562	539	2,475	88,551	11,870	45,428	19,130	26,264	27,124	30,421	41,164
1926	7,517	468	2,440	88,227	10,285	44,516	19,667	27,815	34,085	29,305	42,707
1927	7,061	398	2,413	78,408	10,764	41,521	16,628	26,490	32,766	29,426	38,174
1928	6,413	378	2,412	69,333	7,804	40,634	13,642	25,792	31,529	29,069	37,392
1929	5,505	368	2,139	58,793	7,504	36,120	13,921	30,142	32,846	21,330	42,376
1930	3,681	300	1,482	37,438	6,247	24,615	10,016	22,210	28,934	15,964	36,664
1931	2,315	207	903	21,952	4,266	13,271	5,492	11,172	19,700	9,448	19,457
1932	1,013	133	334	3,705	2,642	5,273	2,317	4,269	8,108	3,745	9,624
1933	1,020	63	270	3,816	1,224	3,807	1,831	2,836	6,435	4,911	16,127
1934	1,090	114	305	11,419	2,434	4,749	1,128	3,904	6,705	7,913	16,243
1935	1,811	72	473	18,238	1,724	7,011	1,528	5,460	10,600	8,617	23,831
1936	2,907	79	849	30,408	1,868	12,727	2,565	8,913	15,954	12,459	35,104
1937	3,253	85	938	34,010	2,049	14,357	2,915	10,767	17,029	13,718	42,838
1938	2,730	85	803	28,373	2,035	11,812	2,604	8,833	12,931	11,626	23,373

<sup>1</sup> Vitrified brick or plates, excluding sewer liners, for paving and other purposes through 1934; thereafter, for paving only. <sup>2</sup> From Geological Survey.

Source: Dept. of Commerce, Bureau of the Census; annual report, except as noted.

**No. 822.—SALT—PRODUCTION, EXPORTS, AND IMPORTS, 1880 TO 1939, AND PRODUCTION, BY STATES AND BY KIND, 1915 TO 1939**

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	1929	8,543,560	109,222	36,420
1885	986,411	2,108	440,290	1930	8,054,440	70,478	54,021
1890	1,242,770	2,464	257,323	1931	7,358,070	98,710	33,216
1895	1,913,751	3,002	279,576	1932	6,407,073	63,581	28,013
1900	2,921,708	7,511	199,909	1933	7,604,972	105,178	30,132
1905	3,635,257	34,238	161,159	1934	7,612,074	105,365	63,124
1910	4,242,792	49,013	137,103	1935	7,926,897	112,213	51,215
1915	5,352,409	80,474	122,326	1936	8,828,936	76,974	61,041
1920	6,840,020	139,272	137,654	1937	9,241,564	70,111	45,696
1925	7,397,500	155,079	85,788	1938	8,025,768	67,498	39,513
1928	8,074,700	145,396	42,850	1939	9,277,911	124,273	46,933

STATE OR KIND	1915	1920	1925	1930	1935	1938	1939
<b>Production, total</b> .....	<b>6,352,409</b>	<b>6,840,029</b>	<b>7,397,500</b>	<b>8,064,440</b>	<b>7,926,897</b>	<b>8,026,768</b>	<b>9,277,911</b>
<b>By States:</b>							
Michigan.....	1,762,430	2,262,915	2,172,600	2,558,290	2,128,171	2,078,612	2,408,872
New York.....	1,570,446	1,903,101	2,053,970	2,009,280	1,927,822	1,717,004	2,041,422
Ohio.....	823,234	1,057,802	1,173,590	1,311,440	1,487,315	1,489,270	1,794,783
Kansas.....	527,123	788,655	812,540	759,800	608,204	597,900	641,732
Louisiana.....	( <sup>1</sup> )	265,085	500,350	535,250	702,990	908,180	1,072,540
California.....	146,784	212,008	292,480	350,370	350,222	349,850	404,669
Texas.....	62,297	91,103	( <sup>1</sup> )	( <sup>1</sup> )	268,800	324,449	352,008
Utah.....	55,270	75,269	88,150	85,240	57,625	61,069	68,100
West Virginia.....	32,513	20,802	25,870	28,670	65,968	120,568	144,727
Undistributed.....	372,303	159,299	277,960	418,100	323,771	318,895	348,943
<b>By kinds:</b>							
Manufactured (evapo- rated).....	2,335,323	2,409,024	2,235,170	2,358,610	2,330,042	2,429,100	2,658,577
In brine.....	1,851,199	2,819,916	2,819,690	3,718,460	3,837,613	3,694,807	4,684,177
Rock salt.....	1,165,887	1,610,189	2,342,640	1,977,370	1,759,242	1,901,861	2,035,157
<b>Total value<sup>2</sup> (dollars)</b> .....	<b>11,747,686</b>	<b>28,894,075</b>	<b>26,162,361</b>	<b>25,009,480</b>	<b>21,837,911</b>	<b>23,242,561</b>	<b>24,608,650</b>

<sup>1</sup> Included in "Undistributed."  
<sup>2</sup> F. o. b. mine or refinery; values do not include cost of coopeage or containers.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 823.—ACCIDENTS IN MINERAL INDUSTRIES—NUMBER OF MEN EMPLOYED, KILLED, AND INJURED, AND RATE: 1924 TO 1938

YEAR	Average days active	MEN EMPLOYED		Man-days of employment	Number killed	Number injured <sup>1</sup>	NUMBER KILLED OR INJURED PER THOUSAND 300-DAY WORKERS	
		Actual number	Equivalent in 300-day workers				Killed	Injured <sup>1</sup>
1925	222	1,049,579	777,896	233,368,875	2,826	58,704	3.6	197.2
1926	242	1,058,843	855,632	256,689,813	3,201	52,752	3.7	178.1
1927	225	1,044,637	782,635	234,790,200	2,797	45,618	3.6	163.2
1928	231	951,449	733,728	220,118,341	2,029	38,717	3.6	146.1
1929	243	928,048	752,800	225,842,583	2,728	38,806	3.6	143.1
1930	217	888,514	641,749	192,521,971	2,492	130,580	3.9	203.5
1931	188	784,347	492,009	147,602,799	1,707	96,412	3.6	196.0
1932	165	671,343	368,852	110,555,616	1,368	68,717	3.7	186.3
1933	181	677,722	409,292	122,787,658	1,242	72,342	3.0	176.7
1934	195	739,737	481,807	144,542,133	1,429	81,660	3.0	169.5
1935	195	783,139	507,847	152,354,170	1,495	82,220	3.0	161.9
1936	216	824,514	593,088	177,920,334	1,686	92,644	2.8	156.2
1937	217	859,951	622,634	186,790,283	1,769	96,484	2.8	155.0
1938	187	774,894	483,523	145,056,875	1,369	71,618	2.8	148.1

<sup>1</sup> Excluding those injured in coal mines for years prior to 1930. Figures for 1930 and subsequent years, excluding data for coal mines, are: Number injured—1930, 26,759; 1931, 16,093; 1932, 9,745; 1933, 11,029; 1934, 13,652; 1935, 16,844; 1936, 23,067; 1937, 28,207; 1938, 20,304. Number injured per thousand and 300-day workers—1930, 117.0; 1931, 99.7; 1932, 91.6; 1933, 93.6; 1934, 100.9; 1935, 98.3; 1936, 109.8; 1937, 117.7; 1938, 107.3.

Source: Department of the Interior, Bureau of Mines; see annual bulletins listed in source note, table 824.

No. 824.—ACCIDENTS IN MINERAL INDUSTRIES—NUMBER OF MEN EMPLOYED, KILLED, AND INJURED, BY INDUSTRY GROUPS: 1938 AND EARLIER YEARS

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
<b>Metal mines:<sup>1</sup></b>						<b>Metallurgical plants—Con.</b>					
1915	152,118	141,997	553	34,680	609	1934	26,852	24,472	13	1,243	77
1920	136,553	134,540	425	32,205	837	1935	36,493	35,458	28	1,548	119
1925	126,713	123,908	371	34,458	674	1936	41,167	42,424	32	2,108	132
1930	103,238	92,909	271	15,091	503	1937	47,550	49,694	41	3,064	163
1931	80,940	62,405	168	8,402	307	1938	30,043	37,943	20	2,136	137
1932	63,288	36,984	107	4,857	177	<b>Coke ovens:</b>					
1933	67,016	38,807	95	5,763	132	1916	31,603	34,119	45	5,154	83
1934	68,645	49,077	116	7,699	193	1920	28,139	29,921	49	3,393	79
1935	62,314	67,841	164	9,953	263	1925	23,264	24,054	28	1,652	44
1936	100,932	84,033	199	14,355	295	1930	19,855	22,936	28	990	32
1937	118,429	99,522	219	17,614	441	1931	15,564	18,163	9	499	35
1938	103,027	78,353	156	12,347	375	1932	12,002	13,862	14	298	22
<b>Quarries:</b>						1933	13,598	15,609	11	366	22
1915	100,740	82,447	148	9,148	523	1934	15,483	18,096	14	490	26
1920	86,488	77,089	178	10,880	337	1935	16,126	17,251	10	304	21
1925	91,872	83,487	149	13,713	462	1936	17,811	20,726	22	428	33
1930	80,633	68,531	105	7,152	205	1937	20,442	22,997	9	554	33
1931	69,200	51,755	61	5,222	205	1938	13,799	15,466	6	262	20
1932	56,866	37,047	32	3,464	110	<b>Coal mines:</b>					
1933	61,927	37,874	59	3,526	111	1911	728,348	532,565	2,656	(?)	(?)
1934	64,331	43,694	60	3,807	117	1915	734,008	511,598	2,269	(?)	(?)
1935	73,005	48,744	51	4,023	126	1920	784,621	601,283	2,272	(?)	(?)
1936	80,022	62,914	91	5,538	179	1925	748,806	480,227	2,234	(?)	(?)
1937	84,094	67,647	77	6,171	177	1929	654,494	481,545	2,187	(?)	(?)
1938	77,497	57,519	82	4,869	158	1930	644,006	412,979	2,063	101,093	2,728
<b>Metallurgical plants:</b>						1931	580,705	330,880	1,463	78,478	1,871
1916	80,201	88,596	83	14,863	217	1932	527,623	262,484	1,207	57,445	1,527
1920	59,232	65,587	61	8,714	149	1933	523,182	297,410	1,064	50,972	1,341
1925	58,935	66,220	44	7,480	231	1934	566,426	346,468	1,226	66,304	1,704
1930	40,787	44,403	25	2,670	156	1935	595,202	338,572	1,242	63,701	1,874
1931	28,938	28,806	16	1,304	89	1936	584,582	382,972	1,342	67,652	1,924
1932	21,564	18,474	8	778	59	1937	589,856	382,904	1,413	60,344	1,933
1933	21,999	19,583	18	1,018	61	1938	541,528	294,252	1,105	49,700	1,608

<sup>1</sup> Figures include data for mines producing nonmetallic minerals other than coal. <sup>2</sup> Not available.

Source: Department of the Interior, Bureau of Mines; annual bulletins, Metal Mine Accidents, Quarry Accidents, Accidents at Metallurgical Plants, Coke Oven Accidents, and Coal Mine Accidents.

## 32. MANUFACTURES

(Statistics in this section relate to continental United States except as noted. For additional statistics on manufactured food products, mineral products, and forest products, see sections 27, 28, 29, and 31)

**GENERAL NOTE.**—The Census of Manufactures was taken decennially prior to 1899 and for each fifth year thereafter through 1919, and has since been taken biennially. The censuses for 1904, 1909, 1914, and 1919 covered all factories or plants whose products were valued at \$500 or more, but, beginning with 1921, the minimum limit has been \$5,000. As a rule, the term "establishment" signifies a single plant or factory, but in some cases an establishment operates two or more factories and in a few cases two or more departments of a single plant or factory are treated as separate establishments. At the Census for 1937, however, an establishment operating two or more factories was counted as two or more establishments. The total number of establishments was increased approximately 2,000 by this change.

"Value of products" represents selling value at the plant or factory. Because of the use of the products of some establishments as materials for others, the total cost of materials and the total value of products for all industries in a given group, and for all groups in the aggregate, include much duplication, estimated at roughly one-third of the gross value of products. Such duplication is not, however, found to any great extent within individual industries.

At the census for 1933 the smaller establishments in many industries were canvassed by means of an abridged schedule which did not call for detailed data on production, and therefore the production figures in the reports of that census for certain industries are somewhat incomplete. In cases in which the degree of incompleteness was sufficient to affect the comparableness of the statistics for different census years, the 1933 figures have been omitted from tables presenting detailed statistics of production in the 1937 and subsequent issues of the Statistical Abstract. Figures for 1933, together with 1931 figures adjusted for comparison with 1933, are, however, included in the 1936 edition.

It is sometimes necessary, for various reasons but chiefly because of changes in census classification, to make adjustments in the figures for earlier census years. Adjustments have been made as a result of the exclusion from the Census of Manufactures for 1937 of the industries "Gas, manufactured, illuminating and heating" and "Railroad repair shops." Adjustments have been made, also, as a result of the exclusion, beginning 1933, of the industries "Coffee and spice, roasting and grinding" and "Peanuts, walnuts, and other nuts, processed and shelled." The "Motion pictures, not including projection in theaters" industry was treated as a manufacturing industry in the censuses for 1921 to 1929, inclusive, but not in subsequent censuses. No adjustments of the figures for 1929 and earlier years have been made on account of this change, but its effect on the comparableness of the figures for different census years is very slight.

Detailed quantity and value figures for products of selected manufacturing industries are presented in certain of the Census tables in this section and in sections 27, 28, 29, and 31. The "total value" figures for the respective industries, as given in those tables, differ from the values of products of the corresponding industries, as given in table 830, because of the inclusion in the product-value totals in those tables, but not in the values of products for the corresponding industries in table 830, of data for the respective classes of commodities made as minor or secondary products by establishments engaged primarily in other lines of manufacture.

### No. 825.—MANUFACTURES—SUMMARY: 1849 TO 1937

	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, containers, fuel, and purchased energy	Value of products <sup>1</sup>	Value added by manu- facture <sup>2</sup>
			1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Factories and hand and neighborhood industries:</b>						
1849 <sup>3</sup>	123, 025	957, 059	236, 755	655, 124	1, 019, 107	463, 983
1859 <sup>3</sup>	140, 433	1, 311, 246	378, 879	1, 031, 605	1, 885, 802	864, 257
1869 <sup>3</sup>	252, 148	2, 053, 990	620, 407	4, 990, 742	4, 386, 860	4, 139, 119
1879 <sup>3</sup>	253, 852	2, 732, 595	947, 954	4, 890, 824	5, 369, 579	1, 972, 786
1889 <sup>3</sup>	355, 405	4, 251, 535	1, 891, 220	5, 162, 014	9, 372, 379	4, 210, 305
1899 <sup>3</sup>	512, 191	5, 304, 143	2, 320, 998	7, 343, 628	13, 000, 149	5, 656, 521
<b>Factories, excluding hand and neighborhood industries:<sup>4</sup></b>						
1899 <sup>3</sup>	205, 237	4, 509, 684	1, 895, 414	6, 441, 437	11, 103, 726	4, 662, 288
1904 <sup>3</sup>	213, 955	5, 139, 895	2, 444, 221	8, 309, 480	14, 346, 645	6, 039, 086
1908 <sup>3</sup>	205, 509	6, 273, 239	3, 210, 277	11, 875, 782	20, 067, 674	8, 191, 892
1914 <sup>3</sup>	295, 223	6, 613, 991	3, 787, 767	14, 020, 718	23, 443, 659	9, 422, 941
1914 <sup>5</sup>	173, 656	6, 478, 713	3, 783, 259	13, 824, 278	23, 065, 555	9, 241, 287
1919 <sup>3</sup>	210, 426	8, 431, 157	9, 673, 134	36, 283, 747	60, 053, 895	23, 770, 147
1921 <sup>3</sup>	192, 275	6, 484, 447	7, 467, 690	24, 445, 982	41, 748, 680	17, 302, 704
1923 <sup>3</sup>	192, 293	8, 292, 779	10, 166, 713	33, 658, 376	58, 288, 281	24, 629, 095
1925 <sup>3</sup>	184, 108	7, 879, 508	9, 994, 341	35, 193, 679	60, 926, 676	26, 731, 096
1927 <sup>3</sup>	187, 801	7, 857, 015	10, 118, 713	34, 045, 316	60, 471, 716	26, 426, 400
1929 <sup>3</sup>	200, 811	8, 380, 530	10, 909, 815	37, 441, 140	68, 178, 840	30, 737, 200
1931 <sup>3</sup>	171, 450	6, 136, 144	6, 638, 541	21, 229, 356	39, 829, 888	18, 600, 532
1933 <sup>3</sup>	139, 325	5, 787, 611	4, 940, 146	16, 549, 788	30, 557, 328	14, 007, 540
1935 <sup>3</sup>	107, 916	7, 208, 794	7, 311, 329	7, 20, 441, 145	44, 993, 699	18, 552, 553
1937 <sup>3</sup>	166, 794	8, 539, 231	10, 112, 853	7, 35, 539, 333	60, 712, 872	28, 178, 539

<sup>1</sup> See second paragraph of general note.

<sup>2</sup> Value of products less cost of materials, containers, fuel, and purchased electric energy.

<sup>3</sup> For all establishments having products valued at \$500 or more. <sup>4</sup> Reduced to gold basis.

<sup>5</sup> Figures for "Gas, manufactured, illuminating and heating" and "Railroad repair shops" have been excluded beginning 1899.

<sup>6</sup> For all establishments having products valued at \$5,000 or more. <sup>7</sup> Includes cost of contract work.

<sup>8</sup> Calculated by subtracting sum of cost of materials, containers, fuel, purchased electric energy, and cost of contract work from value of products. Not strictly comparable with years prior to 1935.

Source: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.

No. 826.—POPULATION, WAGE EARNERS, AND PRODUCTION—INDEXES: 1899 TO 1937

NOTE.—See general note, p. 802

CENSUS YEAR	Population	Wage earners	Production (quantity)	Production per wage earner	CENSUS YEAR	Population	Wage earners	Production (quantity)	Production per wage earner
1899	100	100	100	100	1925	154	178	275	154
1904	110	115	122	105	1927	158	178	274	154
1909	121	139	159	114	1929	162	190	311	164
1914	131	147	170	116	1931	166	140	206	147
1919	140	191	214	112	1933	168	181	192	147
1921	145	147	169	115	1935	170	169	233	143
1923	140	186	263	141	1937	173	194	303	156

No. 827.—MANUFACTURING ESTABLISHMENTS CLASSIFIED ACCORDING TO NUMBER OF WAGE EARNERS: 1935 AND 1937

NOTE.—See general note, p. 802

NUMBER OF WAGE EARNERS	1935				1937			
	Establishments	Average number of wage earners	Percent of total		Establishments	Average number of wage earners	Percent of total	
			Establishments	Wage earners			Establishments	Wage earners
<b>Total</b>	167, 916	7, 203, 794	100. 0	100. 0	166, 794	8, 589, 231	100. 0	100. 0
None	6, 896		4. 1		6, 885		4. 1	
1 to 5	70, 033	100, 189	41. 7	2. 6	62, 164	170, 174	37. 3	2. 0
6 to 20	46, 136	509, 265	27. 5	7. 1	46, 402	514, 487	27. 8	6. 0
21 to 50	20, 910	874, 900	12. 5	9. 4	23, 138	750, 922	13. 9	8. 8
51 to 100	10, 373	741, 823	6. 2	10. 3	11, 011	852, 373	7. 1	9. 9
101 to 250	8, 261	1, 292, 789	4. 9	17. 9	9, 745	1, 522, 670	5. 8	17. 8
251 to 500	3, 141	1, 086, 732	1. 9	15. 1	3, 911	1, 363, 000	2. 3	15. 0
501 to 1,000	1, 421	976, 462	. 8	13. 6	1, 660	1, 133, 323	1. 0	13. 2
1,001 to 2,500	879	862, 550	. 3	11. 8	737	1, 080, 534	. 4	12. 6
2,501 or more	176	879, 044	. 1	12. 2	241	1, 181, 748	. 1	13. 8

No. 828.—MANUFACTURING ESTABLISHMENTS CLASSIFIED BY VALUE OF PRODUCTS: 1937

NOTE.—See general note, p. 802

CLASS OF ESTABLISHMENTS ACCORDING TO VALUE OF PRODUCTS	ESTABLISHMENTS		WAGE EARNERS		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE	
	Number	Percent distribution	Average number	Percent distribution	Amount (thousands of dollars)	Percent distribution	Amount (thousands of dollars)	Percent distribution
<b>Total</b>	166, 794	100. 0	8, 589, 231	100. 0	60, 712, 872	100. 0	25, 173, 539	100. 0
\$5, 000 to \$19, 999	50, 548	30. 3	161, 896	1. 9	576, 969	1. 0	327, 065	1. 3
\$20, 000 to \$49, 999	37, 611	22. 5	305, 036	3. 6	1, 214, 034	2. 0	859, 544	2. 6
\$50, 000 to \$99, 999	23, 661	14. 2	385, 439	4. 5	1, 633, 661	2. 8	879, 270	3. 5
\$100, 000 to \$249, 999	23, 422	14. 0	763, 574	8. 9	3, 729, 973	6. 1	1, 799, 924	7. 2
\$250, 000 to \$499, 999	12, 763	7. 7	857, 354	10. 0	4, 511, 524	7. 4	2, 079, 254	8. 2
\$500, 000 to \$999, 999	8, 908	5. 3	1, 128, 224	13. 2	6, 279, 012	10. 3	2, 834, 843	11. 3
\$1, 000, 000 to \$2, 499, 999	6, 098	3. 7	1, 517, 198	17. 7	9, 396, 818	15. 5	4, 157, 931	16. 5
\$2, 500, 000 to \$4, 999, 999	2, 132	1. 3	1, 021, 809	11. 9	7, 337, 162	12. 1	3, 251, 715	12. 9
\$5, 000, 000 and over	1, 651	1. 0	2, 428, 701	28. 3	25, 939, 732	42. 8	9, 189, 995	36. 5

Source of tables 826, 827, and 828: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.



## No. 829.—INDUSTRIAL PRODUCTION—INDEXES, BY GROUPS: 1923 TO 1940

NOTE.—1935-39 average=100. This is a revised series. For discussion of this revision, see Federal Reserve Bulletin for August 1940. The monthly indexes have been adjusted for seasonal variations and for the varying number of working days in the month.

YEAR AND MONTH	MANUFACTURES											
	Total	Durable manufactures						Nondurable manufactures				
		Total	Iron and steel	Machinery	Transportation equipment	Non-ferrous metals and products	Lumber and products	Stone, clay, and glass products	Total	Textiles and products	Leather and products	
1923	88	86	104	110	86	110	90	143	87	72	83	99
1924	82	81	95	92	81	94	93	139	91	69	72	86
1925	91	90	108	110	89	106	104	148	101	76	84	88
1926	96	95	114	117	102	109	113	148	105	79	84	90
1927	95	95	107	109	99	89	108	144	106	83	92	91
1928	99	100	117	124	106	108	118	142	110	85	87	93
1929	110	110	133	135	130	134	136	146	110	93	94	95
1930	91	91	99	98	100	91	106	105	96	84	74	84
1931	75	74	68	62	66	62	83	76	77	70	79	82
1932	58	57	41	33	43	38	52	51	51	70	71	70
1933	69	68	54	55	50	48	60	63	54	79	88	88
1934	75	74	66	62	60	69	62	64	64	81	70	91
1935	87	87	84	82	83	95	76	85	77	90	93	99
1936	103	104	108	114	105	111	104	105	103	100	104	103
1937	113	113	122	123	126	125	124	113	114	106	106	102
1938	88	87	78	68	82	70	80	90	92	95	85	93
1939	108	108	108	114	104	99	114	106	114	108	112	104
1939												
July	104	104	101	103	101	86	102	104	114	106	113	107
August	104	107	105	111	104	92	112	105	113	108	111	103
September	113	113	114	128	108	99	128	108	116	111	114	103
October	121	121	129	161	115	105	144	113	123	115	119	105
November	124	124	133	161	123	102	153	121	120	117	123	108
December	126	128	140	167	126	128	159	121	128	118	126	105
1940												
January	122	122	135	147	127	137	154	115	123	113	118	101
February	116	116	124	118	123	137	142	114	113	110	109	98
March	112	112	118	106	123	131	132	111	120	106	99	93
April	111	110	113	99	123	115	124	110	115	107	100	85
May	115	114	119	118	124	116	126	112	113	110	103	87
June	121	121	131	154	128	120	128	111	111	114	106	96

YEAR AND MONTH	MANUFACTURES—continued							MINERALS			
	Nondurable manufactures—Continued							Total	Fuels	Metals	
	Manufactured food products	Alcoholic beverages	Tobacco products	Paper and products	Printing and publishing	Petroleum and coal products	Chemicals	Rubber products			
1923	82		84	58	74	56	57	63	98	94	118
1924	81		83	61	79	59	56	66	89	86	107
1925	85		85	66	84	69	63	81	92	87	120
1926	87		88	72	92	76	70	80	99	95	125
1927	88		89	74	93	78	73	83	100	97	110
1928	93		92	79	90	87	78	98	99	95	120
1929	101		96	85	104	96	89	100	107	103	134
1930	100		93	79	97	89	87	78	93	91	101
1931	79		87	74	83	80	78	72	80	82	67
1932	79		79	65	74	69	68	64	66	72	35
1933	83		80	76	75	74	76	77	78	80	60
1934	88	74	87	76	80	76	83	86	80	83	58
1935	89	80	90	86	89	86	85	93	86	89	73
1936	98	109	99	98	99	97	99	107	99	99	102
1937	103	108	103	107	109	108	112	104	112	100	127
1938	101	96	102	95	96	100	96	83	97	90	86
1939	108	98	106	114	100	110	104	113	106	105	113
1939											
July	105	97	100	108	100	106	104	107	107	108	102
August	111	96	110	112	105	110	100	112	91	89	105
September	111	96	107	121	111	112	106	122	114	113	121
October	109	106	111	131	118	120	111	128	119	117	128
November	110	98	110	134	117	120	111	120	120	118	131
December	112	95	109	135	119	119	112	123	114	118	124
1940											
January	111	98	103	123	109	117	113	119	118	117	127
February	113	96	106	114	108	116	111	119	114	112	130
March	112	98	103	110	106	118	109	116	117	114	134
April	111	103	111	116	108	115	111	115	119	116	135
May	112	100	110	127	115	114	114	117	118	115	135
June	115	113	115	132	120	115	116	115	118	116	134

Source: Board of Governors of the Federal Reserve System. Figures published monthly in Federal Reserve Bulletin.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937

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 manufacturer two or more classes of commodities. See also general note, p. 802

GROUP OR INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	WAGES	COST OF MATERIALS, ETC., FUEL, PURCHASED ENERGY, AND CONTRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE <sup>2</sup>
All industries, total.....	1937	160,794	8,509,231	10,112,883	35,639,333	60,712,872	25,173,539
	1935	167,016	7,203,794	7,311,329	26,441,145	44,093,699	18,552,553
	1933	139,325	5,787,011	4,940,146	16,549,788	30,557,328	14,007,540
	1931	171,450	6,163,144	6,688,541	21,220,356	30,829,888	18,600,532
Food and kindred products, total.....	1937	48,727	888,298	977,776	7,911,368	11,205,610	3,354,242
	1935	48,936	797,442	799,881	6,724,450	9,510,675	2,786,224
	1933	40,285	666,237	620,558	4,210,015	6,604,036	2,394,021
	1931	47,767	635,359	725,669	5,315,248	7,958,362	2,643,113
Animal products, total.....	1937	12,604	216,386	252,505	3,562,050	4,323,019	760,970
	1935	11,812	195,754	206,810	2,989,602	3,627,336	637,674
	1933	10,370	178,791	170,076	1,879,028	2,415,559	545,831
	1931	11,922	171,093	208,922	2,671,813	3,353,725	681,912
Butter.....	1937	3,716	19,437	19,619	510,114	589,767	79,652
	1935	3,458	18,434	17,516	423,163	501,216	78,052
	1933	3,166	16,498	15,062	316,843	386,512	68,669
	1931	3,367	15,667	18,823	393,228	468,472	70,245
Canned and cured fish, crabs, shrimps, oysters, and clams.	1937	325	18,229	8,705	48,728	78,410	29,682
	1935	274	13,385	6,310	30,193	60,888	21,395
	1933	264	9,993	4,473	26,248	40,566	14,311
	1931	304	8,691	5,222	28,404	42,352	13,948
Cheese.....	1937	2,567	4,482	4,359	95,672	112,786	17,114
	1935	2,673	4,344	3,936	84,122	98,950	14,827
	1933	2,157	3,141	2,910	46,791	57,334	10,542
	1931	2,371	2,904	3,564	54,081	68,072	13,991
Condensed and evaporated milk.....	1937	601	3,967	9,994	166,606	210,718	44,112
	1935	467	3,458	8,319	130,945	171,489	40,544
	1933	436	6,331	6,100	96,698	131,086	34,388
	1931	485	6,121	7,256	109,397	148,598	36,201
Ice cream.....	1937	2,835	18,664	21,269	143,687	282,003	138,416
	1935	2,447	17,321	19,104	101,276	209,685	108,408
	1933	2,118	14,367	16,145	66,315	168,386	92,072
	1931	2,948	17,819	25,416	110,504	268,515	168,011
Meat packing, wholesale.....	1937	1,160	127,477	170,386	2,386,090	2,787,358	401,267
	1935	1,223	116,620	136,468	2,030,924	2,362,369	331,445
	1933	1,078	113,193	112,266	1,202,639	1,490,085	287,546
	1931	1,209	106,707	134,530	1,839,260	2,180,823	341,664
Poultry dressing and packing, wholesale.	1937	533	8,913	5,931	87,457	105,841	18,384
	1935	562	8,078	5,068	78,642	92,044	16,302
	1933	437	7,471	4,862	51,853	66,157	14,304
	1931	497	6,982	5,944	77,667	97,560	19,893
Sausage casings, not made in meat-packing establishments. <sup>3</sup>	1937	31	876	899	4,415	6,639	2,124
Sausage, meat puddings, head-cheese, etc., not made in meat-packing establishments. <sup>3</sup>	1937	786	9,342	11,372	119,380	149,598	30,218
Sausage, meat puddings, head-cheese, etc., and sausage casings, not made in meat-packing establishments.	1935	808	9,164	10,089	103,395	130,095	26,700
	1933	714	7,797	8,259	62,741	86,438	23,698
	1931	741	6,242	8,366	59,272	84,333	25,060

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> Shown as separate industry for first time in 1937; no comparable data for prior years.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFA- CTURE <sup>2</sup>
<b>Food, etc.—Continued.</b>							
Vegetable products, except beverages, total.	1937	27,005	561,877	570,216	3,838,341	5,691,874	1,853,632
	1935	28,727	510,339	479,484	3,355,764	4,887,189	1,531,425
	1933	22,895	423,716	370,598	2,161,744	3,610,035	1,343,292
	1931	27,443	414,051	451,559	2,518,798	4,177,358	1,653,555
Bread and other bakery prod- ucts.	1937	17,193	230,388	293,994	727,022	1,426,163	609,141
	1935	19,068	218,423	248,532	670,040	1,235,078	565,032
	1933	14,830	182,382	196,672	427,465	919,778	492,318
	1931	17,718	183,161	239,331	505,477	1,190,048	684,571
Canned and dried fruits and vegetables; canned and bottled juices; preserves, jellies, fruit butters, pickles, and sauces.	1937	2,772	137,064	92,638	498,562	788,927	290,300
	1935	2,744	116,298	70,612	409,241	640,044	240,403
	1933	2,072	84,274	45,239	268,420	439,988	171,558
	1931	2,535	80,184	54,001	322,005	513,001	190,996
Cereal preparations.....	1937	112	8,133	10,792	94,906	164,495	69,589
	1935	110	7,890	8,526	82,433	146,081	64,248
	1933	103	7,115	7,270	55,015	111,026	56,011
	1931	111	7,018	9,005	69,427	141,583	72,157
Chewing gum.....	1937	25	2,401	2,967	16,888	56,722	39,833
	1935	26	2,315	2,417	14,935	47,706	32,781
	1933	31	2,252	2,232	12,599	41,654	26,055
	1931	35	2,147	2,464	16,824	51,340	34,516
Chocolate and cocoa products, not including confectionery.	1937	40	7,402	8,129	74,131	102,346	28,215
	1935	44	8,291	7,996	68,407	93,047	26,639
	1933	54	6,460	6,115	41,572	67,754	26,182
	1931	55	5,677	6,649	50,045	87,346	37,301
Confectionery.....	1937	1,226	53,722	43,441	182,781	305,839	123,058
	1935	1,314	52,109	39,252	158,738	250,889	106,151
	1933	1,218	50,609	32,991	114,164	211,833	97,669
	1931	1,666	51,262	42,153	144,748	284,157	138,409
Corn sirup, corn sugar, corn oil, and starch.	1937	27	7,010	10,411	96,462	135,820	39,358
	1935	36	7,337	8,436	70,263	103,632	33,369
	1933	28	7,591	8,575	47,420	93,361	45,941
	1931	43	6,652	7,963	54,034	98,723	44,590
Feeds, prepared, for animals and fowls.	1937	1,126	14,397	15,839	338,505	415,211	76,706
	1935	942	11,606	11,068	230,622	288,662	53,040
	1933	710	8,791	7,866	122,070	161,343	39,273
	1931	796	8,449	9,402	162,734	209,921	47,187
Flavoring extracts, flavoring sir- ups, and related products.	1937	398	4,162	4,274	46,280	117,897	71,617
	1935	407	2,002	2,651	29,135	67,875	33,690
	1933	383	2,287	2,184	20,333	54,169	33,836
	1931	626	5,204	6,877	48,575	119,238	76,663
Flour and other grain-mill prod- ucts.	1937	2,238	26,390	30,186	722,711	856,310	133,600
	1935	2,193	26,495	27,105	716,222	853,219	136,997
	1933	1,932	23,207	22,591	432,671	567,008	134,332
	1931	2,412	22,840	27,298	461,091	698,041	136,950
Food preparations not elsewhere classified.	1937	1,049	16,794	15,367	200,808	278,039	77,831
	1935	1,029	14,138	12,126	158,541	222,006	64,065
	1933	802	10,664	8,992	100,809	152,754	52,144
	1931	782	8,939	6,120	90,171	147,646	57,375
Macaroni, spaghetti, vermicelli, and noodles.	1937	319	6,452	5,719	32,886	50,359	17,522
	1935	336	6,005	5,306	31,811	47,590	15,787
	1933	296	5,492	4,265	20,385	35,392	15,507
	1931	309	4,764	4,474	20,311	36,225	15,914

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.  
<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>4</sup> Revised; revision not carried into subgroup or group total.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFA- CTURE <sup>2</sup>
<b>Food, etc.—Continued.</b>							
Malt <sup>3</sup> .....	1937	56	1,644	2,923	76,118	94,630	18,512
	1935	54	1,439	2,348	56,412	75,118	18,700
	1933	30	848	1,283	26,662	27,923	7,261
	1931	27	540	866	18,920	19,243	5,322
Oleomargarine (margarine) not made in meat-packing estab- lishments.	1937	16	1,214	1,607	30,987	44,563	13,575
	1935	14	1,176	1,803	23,293	32,402	9,109
	1933	16	841	1,855	8,312	12,706	4,464
	1931	32	1,043	1,352	15,269	22,818	7,548
Rice cleaning and polishing.....	1937	61	2,218	1,356	38,816	46,853	8,037
	1935	68	2,025	1,312	34,214	44,113	9,899
	1933	50	1,636	1,022	22,697	30,683	7,987
	1931	55	1,503	1,276	31,813	40,300	8,547
Shortenings (other than lard), vegetable cooking oils, and salad oils.	1937	48	4,901	5,651	204,383	239,495	35,112
	1935	48	4,845	4,700	177,976	212,689	34,713
	1933	49	3,658	3,217	68,140	85,830	17,681
	1931	50	3,602	4,011	99,841	115,302	15,461
Sugar, beet.....	1937	87	9,366	11,733	68,006	107,306	38,399
	1935	77	9,232	9,338	71,142	95,160	24,017
	1933	84	10,706	10,884	76,127	127,133	51,006
	1931	67	6,241	7,548	62,325	85,673	23,348
Sugar, cane, not including prod- ucts of refineries.	1937	72	4,221	2,380	20,722	29,151	8,429
	1935	74	2,944	1,650	18,268	26,281	7,083
	1933	67	2,371	1,228	11,594	18,233	6,689
	1931	68	2,032	1,333	10,008	13,981	3,973
Sugar refining, cane.....	1937	23	14,024	15,973	362,653	424,631	61,978
	1935	18	13,832	13,914	336,177	377,214	41,038
	1933	19	11,495	12,237	281,536	337,075	55,639
	1931	19	11,855	15,547	335,933	395,303	50,370
Vinegar and cider.....	1937	117	974	836	3,774	6,427	2,653
	1935	125	1,037	1,002	4,761	8,518	3,758
	1933	121	844	724	3,943	6,631	2,687
	1931	137	848	885	4,249	7,506	3,257
<b>Beverages and ice, total.....</b>	1937	0,118	110,035	149,055	510,977	1,250,717	739,740
	1935	8,397	91,349	113,588	370,025	966,150	617,125
	1933	7,020	63,732	73,974	178,243	678,442	500,199
	1931	8,402	50,215	65,188	124,637	427,284	302,647
<b>Beverages, nonalcoholic.....</b>	1937	3,020	27,979	30,981	112,380	276,779	164,399
	1935	3,175	16,778	17,343	62,094	159,298	97,204
	1933	2,903	15,123	14,187	41,873	111,297	60,424
	1931	4,250	23,905	30,082	76,045	212,597	136,522
<b>Ice, manufactured.....</b>	1937	3,847	18,705	21,603	27,517	136,542	109,025
	1935	3,850	19,032	20,635	23,048	128,385	100,337
	1933	3,699	21,332	22,849	25,959	139,263	112,304
	1931	4,111	25,217	33,050	35,078	192,027	156,949
<b>Liquors, distilled <sup>4</sup>.....</b>	1937	151	6,215	7,412	73,200	113,103	39,903
	1935	131	8,152	8,361	76,520	152,875	76,355
	1933	31	1,661	1,471	14,569	34,293	19,754
	1931	51	2,514	2,470	23,016	60,850	30,935
	1931	27	997	1,331	13,132	21,741	8,608

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> Revised; revision not carried into subgroup or group total.

<sup>4</sup> Figures for 1937 and 1935 not strictly comparable with those for earlier years, because of inclusion of data for malthouses, first reported separately by breweries for 1935.

<sup>5</sup> At the 1935 census ethyl alcohol was assigned to "Chemicals, n. e. c." and "Liquors, rectified, etc." were separately classified. The 1933 figures in italics have been adjusted for comparison with 1935 and 1937.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Number of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Food, etc.—Continued.</b>							
Liquors, malt.....	1937	653	47,097	79,275	201,917	537,105	335,180
	1935	666	39,169	60,615	139,918	420,030	280,112
	1933	525	23,501	33,480	76,194	429,961	4153,767
Liquors, rectified and blended....	1937	210	7,094	6,732	72,378	144,455	72,077
	1935	260	5,883	4,527	57,128	99,130	42,002
Liquors, vinous.....	1937	337	3,005	3,051	23,586	42,733	19,147
	1935	315	2,835	2,107	15,317	36,432	21,116
	1933	212	1,262	972	9,302	24,084	14,782
	1931	14	96	119	381	949	568
Textiles and their products, total..	1937	20,616	1,814,387	1,549,559	4,089,124	7,061,609	2,972,435
	1935	22,847	1,687,737	1,371,173	3,531,972	6,080,834	2,523,832
	1933	19,295	1,476,704	1,018,687	2,531,298	4,810,060	2,379,882
	1931	23,786	1,422,991	1,240,048	3,021,880	5,855,546	2,833,666
Textile mill products, total.....	1937	6,279	1,125,514	957,003	2,252,972	3,986,881	1,733,908
	1935	6,899	1,063,307	837,956	1,918,282	3,347,137	1,428,855
	1933	6,208	907,315	658,660	1,410,791	2,714,070	1,303,279
	1931	6,818	899,607	755,284	1,527,216	3,024,190	1,486,974
Carpets and rugs, total.....	1937	114	34,580	36,193	97,190	183,520	86,337
	1935	123	30,487	30,443	62,573	127,588	65,016
	1933	87	22,194	18,836	30,869	73,885	43,016
	1931	118	24,217	25,285	40,200	92,411	52,211
Carpets and rugs, paper-fiber and grass.	1937	9	788	768	1,220	3,152	1,932
	1935	12	692	572	824	2,092	1,268
	1933	7	221	186	228	609	332
	1931	6	311	258	297	876	578
Carpets and rugs, rag.....	1937	35	429	280	647	1,336	689
	1935	40	986	943	1,514	4,028	2,514
	1933	26	677	464	609	1,851	1,242
	1931	51	1,003	918	1,026	3,332	2,306
Carpets and rugs, wool (other than rag).	1937	56	30,779	32,171	83,574	162,187	78,613
	1935	56	27,033	27,710	56,234	115,267	59,023
	1933	54	21,296	18,186	30,032	71,425	41,303
	1931	61	22,903	24,109	38,876	88,204	49,328
Carpet yarn, woolen and worsted.	1937	15	2,584	2,973	11,749	16,851	5,103
	1935	16	1,176	1,218	4,002	6,211	2,209
Cordage and twine; jute goods; Unen goods, total.	1937	162	22,427	18,501	55,033	98,425	43,392
	1935	148	18,609	13,949	34,542	68,868	34,316
	1933	142	16,986	11,091	25,314	55,546	30,233
	1931	151	16,439	12,926	32,736	65,574	32,838
Cordage and twine.....	1937	118	14,043	11,683	38,022	66,418	28,396
	1935	112	12,280	9,074	23,743	46,956	23,213
	1933	110	11,145	7,373	18,284	38,714	20,429
	1931	117	11,087	8,627	24,402	47,567	23,155
Jute goods <sup>12</sup> .....	1937	32	6,522	5,190	13,174	25,565	12,391
	1935	24	4,595	3,521	7,360	16,294	8,934
	1933	20	4,248	2,563	4,813	12,463	7,651
	1931	20	3,785	2,881	5,824	12,791	6,967

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> No comparable figures available for 1931.

<sup>4</sup> No comparable figures available for earlier years.

<sup>5</sup> Revised by adding figures for "Hats and caps, except felt and straw," formerly included in the "Cutting-up" industries.

<sup>10</sup> Because of changes in classification the figures below will not add to these totals.

<sup>11</sup> Figures not strictly comparable with those for 1933 and 1931.

<sup>12</sup> Because of changes in classification of certain establishments, the figures for earlier years are not strictly comparable with those for 1937.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage car- ners (aver- age for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Textiles, etc.—Continued</b>							
Linen goods.....	1937	12	1,862	1,628	3,836	6,441	2,005
	1935	12	1,754	1,354	3,439	5,607	2,108
	1933	12	1,593	1,156	2,216	4,370	2,153
	1931	14	1,507	1,417	2,510	5,220	2,716
<i>Cotton manufactures, total</i> .....	<sup>11</sup> 1937	1,237	435,428	324,083	<sup>13</sup> 705,099	1,274,295	<sup>13</sup> 569,226
	<sup>11</sup> 1935	1,223	383,002	247,844	637,729	1,030,768	393,039
	1933	1,242	393,105	226,758	495,399	901,950	406,557
	1931	1,327	343,360	231,736	<sup>13</sup> 425,832	850,466	<sup>13</sup> 424,034
Cotton narrow fabrics.....	1937	159	12,016	11,131	22,115	43,486	21,371
	1935	170	13,466	11,107	23,017	44,593	21,376
	1933	172	13,237	10,059	17,558	38,890	21,331
	1931	174	12,826	11,017	19,693	41,991	22,293
Cotton woven goods (over 12 inches in width).....	1937	677	336,104	255,655	<sup>13</sup> 525,947	997,110	<sup>13</sup> 441,163
	1935	670	295,648	192,769	478,929	798,738	289,809
Cotton yarn and thread.....	1937	395	86,206	59,834	<sup>13</sup> 155,093	260,604	<sup>13</sup> 105,510
	1935	372	73,414	43,570	134,103	214,835	80,731
Cotton woven goods (over 12 inches in width) and cotton yarn and thread.....	1933	1,067	379,445	216,384	476,769	861,170	384,401
	1931	1,140	329,962	219,680	<sup>13</sup> 404,855	805,792	<sup>13</sup> 400,937
Fish nets and seines.....	1937	9	502	463	1,914	3,095	1,181
	1935	11	474	399	1,680	2,692	923
	1933	13	423	315	1,072	1,895	824
	1931	13	372	438	1,283	2,682	1,399
<i>Dyeing and finishing cotton, rayon, and silk, total</i> .....	1937	533	74,982	75,730	135,795	283,292	147,468
	<sup>8</sup> 1935	523	71,380	66,226	105,904	223,662	117,668
Dyeing and finishing, cotton fabric.....	1937	246	49,635	49,112	106,171	204,052	97,881
	<sup>8</sup> 1935	246	43,319	38,348	74,672	144,128	69,456
Dyeing and finishing, rayon and silk fabric.....	1937	159	18,003	19,633	22,899	57,599	34,791
	<sup>8</sup> 1935	146	20,836	21,505	24,548	59,387	34,839
Dyeing and finishing yarn (cot- ton, rayon, and silk)—for sale or on commission.....	1937	128	7,344	6,986	6,815	21,611	14,796
	<sup>8</sup> 1935	132	7,225	6,372	6,773	20,147	13,374
<i>Felt goods, except woven felts</i> .....	1937	39	3,711	4,529	13,649	29,649	11,000
	<sup>8</sup> 1935	40	3,576	3,438	13,605	29,607	10,192
<i>Hats, caps, and hat and cap materials, total</i> .....	1937	523	28,892	29,199	66,437	122,815	56,378
	<sup>9</sup> 1935	617	26,862	27,718	56,410	107,322	50,912
	<sup>9</sup> 1933	547	23,289	19,688	33,873	77,292	38,718
	<sup>9</sup> 1931	671	23,344	20,452	53,772	106,817	53,045
Hats and caps, except felt and straw, men's.....	1937	258	3,460	2,934	5,928	11,730	5,892
	1935	315	3,796	3,518	7,052	14,257	7,295
	1933	299	4,053	2,968	6,181	12,659	6,478
	1931	379	3,459	3,662	8,173	16,867	8,694
Hats, fur felt.....	1937	140	15,926	17,705	34,732	66,775	32,042
	1935	152	14,660	16,454	27,645	55,907	28,262
	1933	117	12,540	11,935	19,138	40,600	21,462
	1931	138	14,084	16,538	29,509	59,616	30,107

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.  
<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> No comparable figures available for earlier years.

<sup>4</sup> Revised by adding figures for "Hats and caps, except felt and straw," formerly included in the "Cutting-up" industries.

<sup>5</sup> Figures not strictly comparable with those for 1933 and 1931.

<sup>6</sup> Not strictly comparable with 1935 and 1933 because of the inclusion of processing taxes in the cost of materials, etc., for those years.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Textiles, etc.—Continued.							
Hat and cap materials, men's.....	1937	69	2,444	2,154	10,091	15,216	5,125
	1935	88	2,483	2,206	8,875	13,004	4,729
	1933	76	1,898	1,465	6,199	9,718	3,517
	1931	95	1,935	2,077	6,554	11,010	4,466
Hats, straw, men's.....	1937	47	3,024	2,892	7,138	13,622	6,484
	1935	50	2,918	2,644	7,471	12,369	4,898
	1933	46	3,147	2,056	5,217	9,947	4,730
	1931	50	2,823	2,784	7,253	13,892	6,693
Hat bodies, carded wool felt.....	1937	14	4,038	3,714	8,547	15,473	6,026
	1935	12	3,005	2,896	5,367	11,185	5,818
	1933	9	1,631	1,264	1,638	4,369	2,531
	1931	9	1,543	1,390	2,283	5,432	3,149
<i>Knit goods, total</i> .....	<sup>11</sup> 1937	1,821	231,064	199,087	329,489	659,074	330,485
	<sup>11</sup> 1935	1,852	219,776	184,478	315,573	606,726	291,153
	1933	1,577	189,698	132,030	<sup>14</sup> 249,356	498,350	248,093
	1931	1,706	178,011	149,589	<sup>14</sup> 296,687	586,677	288,990
Gloves and mittens, knitted.....	1937	18	3,182	2,121	2,330	5,795	3,465
Hosiery.....	<sup>11</sup> 1937	745	150,460	136,204	159,017	361,676	201,658
	<sup>11</sup> 1935	695	138,021	121,377	146,502	316,187	168,625
	1933	614	117,919	82,959	<sup>14</sup> 120,356	263,710	143,364
	1931	921	112,374	95,129	<sup>14</sup> 156,061	331,209	175,168
Knitted cloth.....	1937	213	11,360	10,558	44,298	68,001	23,703
	1935	213	11,370	9,486	43,483	64,030	20,547
	1933	167	8,950	7,246	14,32,888	49,892	16,506
	1931	167	7,544	7,171	<sup>14</sup> 36,628	53,043	16,416
Knitted outerwear—regular fac- tories.	1937	505	23,424	19,504	58,867	102,244	43,378
Knitted outerwear—contract fac- tories.	1937	164	2,715	2,050	658	4,592	3,934
Knitted outerwear <sup>10</sup> .....	1935	758	35,455	30,170	71,599	131,455	59,850
	1933	801	26,908	19,574	<sup>14</sup> 50,681	92,547	41,896
	1931	710	26,142	24,744	<sup>14</sup> 59,070	111,673	52,502
Knitted underwear.....	1937	179	39,923	28,560	63,419	117,767	54,348
	1935	186	34,030	23,445	53,029	95,054	42,124
	1933	195	35,915	22,251	14,44,931	92,200	47,260
	1931	218	31,951	22,545	14,44,938	80,853	44,916
<i>Lace goods</i> .....	1937	57	8,109	9,087	10,534	28,342	17,809
	1935	56	7,858	8,086	10,940	27,528	16,588
	1933	44	5,911	5,582	<sup>14</sup> 5,813	16,929	11,116
	1931	42	6,048	6,289	6,123	19,162	13,040
<i>Rayon and silk manufactures, total.</i>	1937	848	110,839	92,440	248,270	404,735	156,465
	<sup>8</sup> 1935	1,105	125,908	95,479	197,811	354,226	156,416
Rayon broad woven goods (18 inches wide and over).	1937	237	57,949	48,946	149,192	229,773	80,581
	<sup>8</sup> 1935	274	58,508	46,593	103,806	174,598	71,292
Rayon narrow fabrics.....	1937	112	5,568	4,830	8,347	18,535	10,188
	<sup>8</sup> 1935	92	3,399	2,727	4,199	9,845	5,646
Rayon throwing and spinning— commission only.	1937	25	1,937	1,191	472	2,400	1,927
	<sup>8</sup> 1935	45	5,270	3,147	1,145	6,014	4,869

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> No comparable figures available for earlier years.

<sup>11</sup> Figures not strictly comparable with those for 1933 and 1931.

<sup>12</sup> Revised to include cost of contract work.

<sup>13</sup> Includes data for knitted gloves and mittens for 1935 and prior census years.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Textiles, etc.—Continued.</b>							
Rayon yarn and thread—proc- essed for sale.	1937	51	5,399	3,652	14,800	21,729	6,929
	1935	36	3,141	2,485	8,741	14,048	5,306
Silk broad woven goods (18 inches wide and over).	1937	194	17,597	14,010	38,886	63,098	24,212
	1935	396	27,104	21,249	52,908	90,280	37,382
Silk narrow fabrics.....	1937	81	4,527	4,201	5,525	13,770	8,245
	1935	91	4,515	4,173	4,734	13,254	8,519
Silk throwing and spinning— commission only.	1937	90	13,290	7,789	3,633	15,278	11,645
	1935	132	16,480	9,693	3,563	17,469	13,907
Silk yarn and thread—made for sale.	1937	52	10,572	7,820	27,415	40,162	12,737
	1935	39	7,401	5,413	19,219	28,712	9,494
<i>Waste and related products, total.</i> <sup>16</sup>	1937	236	10,205	9,155	50,486	76,055	24,569
	1935	313	9,245	7,347	42,446	66,022	23,576
Batting, padding, and wadding; upholstery filling. <sup>16</sup>	1937	110	4,645	4,353	23,888	36,870	12,932
	1935	110	3,248	2,592	15,353	25,631	9,778
Processed waste and recovered wool fiber—for sale.	1937	126	5,560	4,301	26,598	38,185	11,587
	1935	203	5,997	4,755	26,593	40,391	13,798
	1933	168	4,563	2,920	15,178	25,244	10,067
	1931	172	4,222	3,171	13,555	22,295	8,740
<i>Wool and hair manufactures, total.</i>	1937	704	159,277	159,080	536,021	826,802	290,781
	1935	699	166,604	152,349	440,532	710,740	270,209
Woolen and worsted dyeing and finishing.	1937	53	2,563	2,307	4,075	11,093	6,387
	1935	66	3,369	3,406	6,852	16,065	9,214
Woolen woven goods, including woven felts.	1937	332	61,931	62,698	173,054	288,748	115,694
	1935	323	64,985	60,451	135,377	246,928	111,551
Woolen yarn.....	1937	41	2,749	2,777	8,594	13,558	4,965
	1935	43	2,909	2,567	7,356	11,596	4,241
Wool scouring.....	1937	20	1,252	1,393	1,916	4,550	2,635
	1935	20	1,527	1,765	2,115	6,055	3,940
	1933	20	1,305	1,418	1,189	4,404	3,215
	1931	21	1,377	1,968	1,160	4,640	3,480
Wool combing—commission, and tops for sale.	1937	11	3,252	3,558	4,574	10,299	5,726
	1935	12	2,648	2,616	3,541	8,045	4,504
Worsted woven goods.....	1937	176	70,227	71,101	278,905	408,842	131,937
	1935	167	72,068	66,138	226,531	338,442	111,911
Worsted yarn.....	1937	71	17,303	14,847	66,303	89,741	23,438
	1935	68	19,097	15,405	58,760	85,609	24,849
<b>The cutting-up industries, total.</b>	1937	13,217	661,767	562,691	1,747,222	2,907,211	1,159,989
	1935	14,952	602,513	510,074	1,544,852	2,580,706	1,035,853
	1933	12,127	491,420	343,315	1,073,988	1,993,527	919,539
	1931	15,665	503,600	400,964	1,441,647	2,708,665	1,266,718

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> No comparable figures available for earlier years.

<sup>16</sup> Excludes data for wiping rags for 1937 because not considered a manufactured product. Such data were included for 1935.

<sup>17</sup> Revised to include data for "Haireloth," which has been abandoned as a separate classification.

<sup>18</sup> Because of the fact that some establishments, such as those in all apparel industries, lose their identity during a 2-year period through change of name, ownership, and location, and, therefore, may be missed by a canvass made largely by mail, the 1937 statistics are not complete.



No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Textiles, etc.—Continued.							
<i>Men's, youths', and boys' clothing, not elsewhere classified, total.</i>	1937	2,217	138,314	142,257	358,403	618,197	269,794
Clothing, men's, youths', and boys', not elsewhere classified—regular factories.	1937	1,282	94,361	101,042	353,884	558,997	205,113
Clothing, men's, youths', and boys', not elsewhere classified—contract factories.	1937	935	43,953	41,216	4,519	59,200	54,681
<i>Men's and boys' cotton, leather, and allied garments, total.</i>	1937	1,573	166,300	100,408	203,950	477,563	183,613
Clothing, leather and sheep-lined.	1937	78	4,075	3,720	14,399	20,973	6,573
Clothing, work (including work shirts), and sport garments, except leather.	1937	675	69,502	41,265	132,868	204,390	71,522
Shirts (except work shirts), col- lars, and nightwear—regular factories.	1937	409	55,570	34,948	102,835	174,988	72,164
Shirts (except work shirts), col- lars, and nightwear—contract factories.	1937	120	12,024	6,107	1,214	9,240	8,025
Shirts and nightwear (and collars)	1935	555	60,777	38,059	94,053	159,769	65,716
Trousers (semidress), wash suits, and washable service apparel.	1937	232	15,817	9,532	28,779	46,778	17,999
Underwear, men's—regular fac- tories.	1937	50	7,888	4,213	13,707	20,285	6,578
Underwear, men's—contract fac- tories.	1937	9	1,424	623	148	910	762
Underwear, men's.....	1935	65	7,655	4,021	11,654	18,968	7,314
<i>Miscellaneous apparel and allied products, total.</i>	1937	602	20,803	15,654	59,425	95,676	36,251
Furnishing goods, men's, not elsewhere classified—regular factories.	1937	333	12,144	9,794	37,080	60,064	22,984
Furnishing goods, men's, not elsewhere classified—contract factories.	1937	31	759	533	81	854	773
Furnishing goods, not elsewhere classified.	1935	427	11,185	9,615	32,294	56,528	24,234
Handkerchiefs—regular factories.	1937	58	4,065	2,548	13,470	18,776	5,306
Handkerchiefs—contract fac- tories.	1937	16	932	586	134	944	810

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> No comparable figures available for earlier years.

<sup>4</sup> Because of the fact that some establishments, such as those in all apparel industries, lose their identity during a 2-year period through change of name, ownership, and location, and, therefore, may be missed by a canvass made largely by mail, the 1937 statistics are not complete.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Number of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Textiles, etc.—Continued.</b>							
Handkerchiefs.....	1935	89	4,889	3,216	11,210	18,443	7,233
	1933	74	4,701	2,442	8,060	14,924	6,864
	1931	88	4,761	3,221	10,256	18,798	8,543
Suspenders, garters, and other elastic woven goods, made from purchased webbing.	1937	64	2,903	2,193	8,060	15,038	6,379
	1935	74	2,719	1,956	8,578	14,659	6,080
	1933	62	2,617	1,827	8,150	12,781	4,631
	1931	71	3,257	2,442	9,995	17,105	7,170
<i>Gloves and mittens, cloth or cloth and leather combined, made from purchased mate- rials.</i>	1937	107	12,679	7,847	18,705	32,560	13,855
	1935	115	8,048	4,488	10,333	18,940	8,608
	1933	91	8,586	3,547	8,743	16,012	7,270
	1931	100	7,101	3,319	8,912	14,539	5,627
<i>Women's, misses', and chil- dren's apparel not elsewhere classified, total.</i>	<sup>18</sup> 1937	6,337	242,879	226,615	724,549	1,213,302	488,663
Blouses, women's, misses', and children's—regular factories.	<sup>8</sup> 1937	128	3,860	3,360	16,774	26,785	10,010
Blouses, women's, misses', and children's—contract factories.	<sup>8</sup> 1937	64	2,554	1,661	146	2,435	2,290
Outerwear, children's and in- fants'—regular factories.	<sup>8</sup> 1937	346	15,962	13,295	46,731	77,522	30,791
Outerwear, children's and in- fants'—contract factories.	<sup>8</sup> 1937	106	5,157	3,308	276	4,941	4,665
Coats, suits, and separate skirts, women's, misses', and juniors' —regular factories.	<sup>8</sup> 1937	1,005	20,690	29,708	201,651	290,124	88,572
Coats, suits, and separate skirts, women's, misses', and juniors' —contract factories.	<sup>8</sup> 1937	762	18,923	22,004	2,163	31,097	28,934
Dresses, except house dresses— regular factories.	<sup>8</sup> 1937	1,147	48,217	54,278	258,464	403,074	144,610
Dresses: except house dresses— contract factories.	<sup>8</sup> 1937	1,275	43,874	42,655	2,635	58,503	55,868
Dresses: House dresses, uni- forms, and aprons—regular factories.	<sup>8</sup> 1937	403	28,250	17,165	55,084	93,892	38,208
Dresses: House dresses, uni- forms, and aprons—contract factories.	<sup>8</sup> 1937	79	4,039	2,203	278	3,242	2,964
Underwear and nightwear of cot- ton and flannelette woven fab- ric, women's, children's, and infants'.	<sup>8</sup> 1937	122	8,835	5,511	19,600	30,050	10,450
Underwear and nightwear of knitted fabric, women's, chil- dren's, and infants'.	<sup>8</sup> 1937	113	10,463	6,562	21,418	36,373	14,955

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> No comparable figures available for earlier years.

<sup>4</sup> Revised to include cost of contract work.

<sup>5</sup> Because of the fact that some establishments, such as those in all apparel industries, lose their identity during a 2-year period through change of name, ownership, and location, and, therefore, may be missed by a canvass made largely by mail, the 1937 statistics are not complete.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Textiles, etc.—Continued.</b>							
Clothing, women's, misses', and children's, not elsewhere classified—regular factories.	1937	654	26,897	20,613	98,374	149,958	51,585
Clothing, women's, misses', and children's, not elsewhere classified—contract factories.	1937	133	5,178	3,304	455	5,207	4,752
<i>Millinery, total</i> .....	1937	755	21,560	22,921	41,007	88,242	47,235
	1935	1,033	22,770	23,988	40,042	88,080	48,047
	1933	834	22,574	20,312	34,646	77,347	42,701
	1931	1,134	26,612	32,565	71,795	144,575	72,780
Millinery—regular factories.....	1937	723	21,321	22,654	40,855	87,544	46,600
Millinery—contract factories.....	1937	32	239	268	152	697	545
<i>Corsets and allied garments</i> ...	1937	215	16,385	13,255	32,514	70,789	38,274
	1935	241	15,635	12,036	32,532	66,947	34,415
	1933	179	14,017	9,388	29,034	58,002	29,058
	1931	204	13,977	11,400	31,694	71,923	40,229
<i>Fabricated textile products other than wearing apparel, total.</i>	1937	1,511	42,847	34,733	218,669	310,932	92,313
	1935	1,561	32,503	25,309	163,462	236,683	73,222
Awnings, tents, sails, and canvas covers. <sup>3</sup>	1937	367	4,732	4,844	17,506	30,324	12,818
	1935	421	3,937	3,974	12,582	22,800	10,227
Bags, other than paper.....	1937	186	12,075	9,749	103,725	130,001	26,276
	1935	198	10,920	8,048	88,001	111,566	23,504
	1933	169	10,543	6,977	69,537	92,115	22,578
	1931	189	11,985	9,111	79,173	104,991	25,818
Curtains, draperies, and bedspreads—regular factories.	1937	284	8,934	5,908	37,253	52,517	15,264
Curtains, draperies, and bedspreads—contract factories.	1937	48	711	506	173	1,109	937
Curtains, draperies, and bedspreads.	1935	352	6,934	5,185	27,536	42,645	15,100
Housefurnishings, not elsewhere classified.	1937	404	11,346	9,230	44,710	60,391	24,681
	1935	421	7,737	5,902	28,918	46,433	17,515
Fabricated textile products not elsewhere classified.	1937	101	2,903	2,874	11,567	10,771	8,204
	1935	52	1,187	941	3,274	5,841	2,567
Flags, banners, regalia, vestments, robes, and related products.	1937	121	2,146	1,623	3,736	7,870	4,134
	1935	117	1,738	1,349	3,151	7,389	4,239
	1933	98	1,494	1,046	2,011	4,948	2,936
	1931	129	2,204	2,083	3,458	8,443	4,085
<b>The processing industries, total.</b>	1937	1,120	27,106	29,865	88,930	167,517	78,687
	1935	1,196	21,917	23,143	68,838	132,092	64,154
	1933	960	18,060	16,712	46,519	103,363	50,844
	1931	1,303	19,784	23,800	52,718	122,692	60,974

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> No comparable figures available for earlier years.

<sup>4</sup> Restricted to establishments with products valued at \$20,000 or more.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Textiles, etc.—Continued.</b>							
<i>Embroideries; trimmings (not made in textile mills); stamped art goods, total.</i> <sup>12</sup>	1937	1,071	15,180	13,314	23,234	57,908	20,674
	1935	1,147	11,859	10,839	21,620	46,273	24,653
	1933	912	9,765	7,949	<sup>14</sup> 16,608	35,314	18,700
	1931	1,252	11,773	13,183	18,361	50,533	32,171
Embroideries—Schiffli-machine products—regular factories.	1937	98	1,171	900	2,783	5,220	2,437
Embroideries—Schiffli-machine products—contract factories.	1937	173	1,596	1,418	1,668	4,960	3,301
Embroideries—Schiffli-machine products.	1935	308	2,300	2,162	4,263	9,618	5,355
Embroideries—Other than Schiffli-machine products—regular factories.	1937	47	548	459	676	1,632	956
Embroideries—Other than Schiffli-machine products—contract factories.	1937	267	3,394	2,850	1,472	6,956	5,485
Embroideries—Other than Schiffli-machine products.	1935	351	3,351	2,991	2,173	7,792	5,619
Embroideries (Schiffli-machine and other).	1933	547	4,652	3,874	<sup>14</sup> 4,261	12,194	7,993
	1931	732	5,561	6,330	<sup>14</sup> 6,851	20,224	13,373
Trimmings (not made in textile mills); stamped art goods—regular factories.	1937	203	4,362	3,710	20,241	30,285	10,044
Trimmings (not made in textile mills); stamped art goods—contract factories.	1937	283	4,128	3,870	1,304	8,847	7,452
Trimmings (not made in textile mills); stamped art goods.	1935	488	6,148	5,687	15,184	28,863	13,679
	1933	365	5,113	4,075	<sup>14</sup> 12,347	23,120	10,773
	1931	520	6,212	6,853	13,824	30,308	16,485
<i>Artificial leather; oilcloth, total.</i>	1937	33	3,810	5,173	27,783	40,425	12,637
	1935	33	3,648	4,199	23,277	34,321	11,045
	1933	30	3,203	3,416	15,011	26,236	11,225
	1931	30	2,170	4,288	17,330	29,181	11,843
Artificial leather-----	1937	25	2,541	3,475	18,413	27,607	9,194
	1935	25	2,254	2,577	14,009	21,218	7,209
	1933	22	1,952	1,955	8,143	13,584	5,436
	1931	21	1,941	2,477	9,083	15,195	6,112
Oilcloth-----	1937	8	1,269	1,698	9,374	12,817	3,443
	1935	8	1,394	1,623	9,237	13,103	3,836
	1933	8	1,251	1,461	6,864	12,663	5,789
	1931	9	1,229	1,811	8,256	13,986	5,730
<i>Asphalted-felt-base floor covering; linoleum, total.</i>	1937	16	8,197	11,378	32,908	60,184	36,276
	1935	16	6,410	8,105	23,942	52,398	28,456
	1933	18	5,092	5,347	16,320	41,812	25,492
	1931	21	4,841	6,829	17,017	42,977	25,960

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>13</sup> Because of changes in classification of certain establishments, the figures for earlier years are not strictly comparable with those for 1937.

<sup>14</sup> Revised to include cost of contract work.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Textiles, etc.—Continued.</b>							
Asphalted-felt-base floor cover- ing.	1937	13	3,280	4,773	17,630	33,548	15,918
	1935	12	2,694	3,480	12,558	28,371	15,814
	1933	13	2,271	2,546	9,564	22,714	13,150
	1931	15	1,946	2,734	9,151	19,993	10,842
Linoleum.....	1937	3	4,827	6,604	15,278	35,637	20,368
	1935	4	3,716	4,624	11,384	24,026	12,642
	1933	5	2,821	2,800	6,756	19,098	12,342
	1931	6	2,805	3,595	7,868	22,984	15,118
Forest products, total.....	1937	18,012	694,341	636,724	1,173,931	2,439,530	1,285,600
	1935	16,127	576,012	438,395	799,534	1,662,221	866,686
	1933	12,285	454,171	289,097	599,182	1,127,405	618,223
	1931	16,016	509,665	440,176	763,631	1,646,922	883,291
Basic industries, total.....	1937	8,602	326,394	276,113	360,805	880,540	510,735
	1935	6,924	283,309	190,125	230,939	573,291	342,352
	1933	4,676	216,461	119,117	130,595	368,985	238,389
	1931	6,010	225,831	163,833	167,715	463,117	295,402
Excelsior.....	1937	52	900	730	1,335	3,033	1,698
	1935	48	831	592	1,031	2,444	1,413
	1933	50	800	432	863	2,064	1,231
	1931	61	927	683	1,412	2,983	1,571
Lumber and timber products not elsewhere classified.	1937	7,647	323,928	275,084	345,900	848,481	502,681
	1935	5,981	255,230	183,074	222,440	551,614	329,174
	1933	3,783	189,367	113,153	123,450	360,464	227,013
	1931	4,996	196,647	165,870	160,511	443,629	283,118
Turpentine and rosin.....	1937	993	1,506	350	22,670	29,025	6,356
	1935	895	27,248	6,519	7,468	19,233	11,705
	1933	843	26,285	5,501	6,282	16,427	10,145
	1931	953	28,257	7,280	5,793	16,506	10,713
Wood-reworking industries, total.	1937	3,805	94,178	92,106	216,050	403,001	186,351
	1935	3,694	73,188	61,914	141,228	270,256	129,028
	1933	3,106	53,863	39,175	89,844	177,116	87,272
	1931	4,430	75,574	78,144	157,063	310,678	153,615
Laths and related products.....	1937	48	1,444	1,833	1,624	5,433	3,809
	1935	48	1,496	1,911	1,459	5,521	4,062
	1933	47	1,404	1,687	1,308	5,044	3,737
	1931	51	1,497	2,020	1,683	5,747	4,065
Planing-mill products and other wooden products not elsewhere classified, made in planing mills not connected with sawmills.	1937	2,853	66,814	67,745	174,795	312,552	137,758
	1935	2,793	48,297	42,179	109,108	196,272	87,164
	1933	2,356	35,388	26,117	67,880	124,235	56,355
	1931	3,453	54,493	58,552	128,760	235,081	109,920
Window and door screens and weather strip.	1937	144	2,833	3,034	7,394	14,748	7,353
	1935	141	1,873	1,744	4,123	8,668	4,545
	1933	123	1,571	1,223	2,011	6,314	3,403
	1931	207	2,564	2,671	5,713	13,539	7,826
Wood turned and shaped and other wooden goods, not else- where classified.	1937	755	23,087	19,493	32,837	70,268	37,431
	1935	752	21,522	16,080	26,537	59,794	33,257
	1933	580	15,500	10,147	17,746	41,523	23,777
	1931	719	17,020	14,602	23,907	55,710	31,804
Wooden-container indus- tries, total.	1937	1,294	48,173	36,189	87,824	160,350	72,726
	1935	1,344	45,122	29,600	70,113	130,456	60,373
	1933	1,217	42,007	24,183	59,078	108,952	49,874
	1931	1,490	43,277	33,056	73,825	139,016	65,192

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.  
<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Forest products—Continued.							
Baskets and rattan and willow ware, not including furniture.	1937	194	9,308	5,126	6,068	16,051	9,687
	1935	204	9,006	4,603	5,750	14,492	8,741
	1933	184	8,371	3,625	4,900	12,435	7,536
	1931	223	8,428	5,257	6,314	16,347	10,033
Boxes, cigar, wooden and part wooden.	1937	69	3,206	2,322	2,681	7,128	4,447
	1935	72	3,176	2,000	2,227	6,161	3,934
	1933	77	3,426	1,782	2,209	5,904	3,695
	1931	92	3,777	2,564	3,473	8,859	5,386
Boxes, wooden, except cigar boxes.	1937	634	25,981	19,544	45,454	86,347	40,893
	1935	661	23,061	15,015	32,165	63,278	31,113
	1933	595	21,763	12,515	29,056	54,995	25,938
	1931	675	22,884	17,572	39,705	74,667	34,902
Cooperage.....	1937	397	9,588	9,177	32,527	50,225	17,698
	1935	407	9,879	7,982	29,972	46,556	16,584
	1933	361	8,467	6,261	22,913	35,618	12,705
	1931	500	8,208	7,663	24,333	39,143	14,810
Furniture and related in- dustries, total.	1937	3,283	173,984	176,529	315,376	676,781	361,406
	1935	3,221	133,772	116,741	214,387	447,441	233,054
	1933	2,666	108,298	78,421	145,924	305,960	160,035
	1931	3,340	131,310	130,077	223,071	497,197	274,125
Billiard and pool tables, bowling alleys, and accessories.	1937	23	530	638	1,838	5,547	3,709
	1935	17	314	290	1,059	3,145	2,086
	1933	17	407	228	514	1,123	609
	1931	32	592	613	1,396	3,761	2,306
Furniture, including store and office fixtures.	1937	3,097	170,072	172,558	308,304	668,467	350,163
	1935	3,035	130,781	113,898	200,151	434,444	225,293
	1933	2,411	105,488	76,346	142,587	297,730	155,143
	1931	3,148	127,605	125,972	217,660	482,289	264,393
Mirror and picture frames.....	1937	163	3,382	3,433	5,284	12,767	7,534
	1935	169	2,677	2,552	4,177	9,852	5,675
	1933	138	2,403	1,847	2,823	7,107	4,284
	1931	160	3,113	3,492	3,780	11,146	7,367
Other allied industries, total.	1937	938	51,612	55,808	184,476	318,867	134,382
	1935	944	43,621	40,016	136,867	240,747	103,880
	1933	730	33,545	28,292	83,741	166,393	82,652
	1931	746	33,673	35,065	141,967	236,913	94,997
Caskets, coffins, burial cases, and other morticians' goods.	1937	521	13,678	15,120	33,628	71,757	38,128
	1935	548	13,779	13,817	29,479	65,653	36,174
	1933	395	12,155	11,837	25,674	58,740	33,066
	1931	399	11,932	14,225	28,519	69,810	41,291
Cork products.....	1937	35	3,599	4,136	13,905	21,788	7,879
	1935	34	3,033	2,776	7,268	13,687	6,719
	1933	30	2,797	2,168	5,277	11,804	6,327
	1931	31	3,018	3,027	6,617	14,877	8,260
Matches.....	1937	25	5,261	5,392	20,214	30,902	10,688
	1935	24	5,075	4,693	19,039	30,440	11,401
	1933	18	4,726	4,087	11,679	25,373	14,693
	1931	19	3,369	3,493	10,875	18,473	7,597
Synthetic-resin, cellulose-plastic, vulcanized-fiber, and molded and pressed pulp fabricated ar- ticles, not elsewhere classified.	1937	160	16,673	19,822	32,045	77,716	45,671
	1935	153	12,749	12,090	21,300	50,299	23,999
	1933	101	6,840	5,927	10,023	25,731	15,703
	1931	86	5,654	6,105	10,805	27,239	16,436

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	WAGES	COST OF MATERIALS, ETC., FUEL, PURCHASED ENERGY, AND CONTRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE <sup>2</sup>
Forest products—Continued.							
Wood preserving.....	1937	197	12,401	11,338	84,694	116,700	32,015
	1935	185	8,985	6,639	59,781	80,368	20,587
	1933	185	7,027	4,233	31,087	43,945	12,858
	1931	211	9,700	3,214	85,141	106,514	21,374
Paper and allied products, total.....	1937	3,053	264,455	207,270	1,208,154	2,060,849	852,605
	1935	2,945	235,605	235,725	887,346	1,523,186	635,840
	1933	2,697	196,380	172,842	654,647	1,172,743	518,096
	1931	2,883	194,581	214,337	758,010	1,357,582	509,572
Paper and pulp, total.....	1937	841	137,803	175,650	721,101	1,205,132	484,031
	1935	779	126,971	133,602	525,499	879,002	353,503
	1933	781	107,298	99,194	393,663	695,654	301,991
	1931	<sup>20</sup> 848	107,902	126,886	495,089	851,630	356,442
Pulp (wood and other fiber).....	1937	194	26,994	33,570	153,652	247,192	93,540
	1935	188	23,627	23,401	99,178	167,208	71,030
	1933	181	20,074	18,103	81,806	134,692	52,796
	1931	<sup>20</sup> 198	20,219	22,844	110,608	166,559	55,891
Paper.....	1937	647	110,809	142,080	567,449	957,940	300,491
	1935	591	103,344	110,200	420,320	711,793	282,473
	1933	600	87,224	81,091	311,787	560,063	249,196
	1931	650	87,683	104,042	384,420	684,971	300,551
Converted paper products, total.....	1937	2,212	126,652	131,619	487,053	855,717	368,064
	1935	2,166	108,694	102,123	361,847	644,185	232,338
	1933	1,916	89,082	73,648	260,984	477,089	216,195
	<sup>20</sup> 1931	2,069	89,186	89,936	271,005	520,021	249,916
Bags, paper, exclusive of those made in paper mills.	1937	107	10,360	9,850	53,424	32,458	20,034
	1935	107	9,120	3,038	41,766	65,554	23,798
	1933	96	7,665	5,813	29,298	40,370	20,084
	1931	95	6,836	6,423	33,427	54,291	20,804
Boxes, paper, not elsewhere classified.	1937	1,257	65,158	66,025	238,500	409,475	170,974
	1935	1,214	55,276	50,579	168,915	298,648	129,733
	1933	1,104	47,220	37,614	126,326	223,004	95,679
	1931	1,214	46,722	44,085	113,251	217,872	104,621
Cardboard, not made in paper mills.	1937	16	877	814	2,925	5,379	2,454
	1935	16	628	641	1,947	3,694	1,748
	1933	12	492	452	1,406	2,793	1,388
	1931	12	520	599	1,656	3,594	1,938
Card cutting and designing.....	1937	77	3,315	4,138	9,369	21,138	11,769
	1935	76	2,961	2,845	7,710	17,216	9,506
	1933	64	1,804	1,535	4,029	10,138	0,108
	1931	72	2,041	2,408	6,674	15,953	9,270
Envelopes.....	1937	162	9,511	10,509	25,107	51,290	26,183
	1935	166	9,038	9,087	20,900	43,613	22,718
	1933	163	7,981	6,755	15,918	33,896	17,978
	1931	162	8,924	9,658	22,452	46,943	24,491
Paper goods not elsewhere classified.	1937	551	32,888	34,835	145,809	259,206	113,397
	1935	547	27,416	26,448	110,719	195,786	85,005
	1933	438	20,681	18,364	77,158	142,079	64,921
	<sup>20</sup> 1931	464	20,409	22,769	84,395	162,074	77,679
Wallpaper.....	1937	42	4,543	5,455	11,920	26,772	14,852
	1935	40	4,205	4,486	9,800	19,658	9,768
	1933	39	3,239	3,116	6,851	15,800	8,948
	1931	50	3,734	3,994	9,150	20,194	11,044

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.  
<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>20</sup> Revised; revision not carried into group total.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, FUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Printing, publishing, and allied industries, total.	1937	22,751	363,108	532,985	793,092	2,585,000	1,792,607
	1935	22,606	304,842	446,372	613,446	2,164,095	1,551,550
	1933	19,293	262,993	354,320	375,843	1,726,423	1,350,563
	1931	24,789	315,306	535,962	578,080	2,487,825	1,900,744
Printing and publishing, total.	1937	19,831	276,583	416,930	676,592	2,205,826	1,529,234
	1935	19,840	245,370	361,662	536,934	1,891,639	1,354,704
	1933	16,867	213,786	292,472	<sup>14</sup> 422,372	1,524,890	1,102,618
	<sup>20</sup> 1931	21,978	255,480	438,630	<sup>14</sup> 647,871	2,212,267	1,564,397
Printing and publishing, book, music, and job.	1937	10,587	141,368	195,050	283,571	806,795	526,224
	1935	10,961	126,692	168,772	233,080	698,220	464,840
	1933	9,224	104,690	128,932	<sup>14</sup> 175,049	519,000	344,942
	<sup>20</sup> 1931	11,707	135,977	212,931	<sup>14</sup> 262,881	804,019	541,138
Printing and publishing, news- paper and periodical.	1937	9,244	135,215	221,881	393,021	1,306,031	1,003,010
	1935	8,879	118,684	192,890	302,954	1,192,810	889,865
	1933	7,633	109,087	163,400	<sup>14</sup> 247,323	1,004,990	757,676
	1931	10,211	119,503	225,699	<sup>14</sup> 384,900	1,408,248	1,023,269
Allied industries, total.....	1937	2,920	76,525	116,055	116,500	370,873	263,873
	1935	2,760	59,466	84,710	76,511	273,356	196,845
	1933	2,436	49,207	61,849	56,221	201,436	145,215
	1931	2,819	60,845	98,538	73,101	280,848	207,747
Bookbinding and blank-book making.	1937	997	25,933	28,665	30,746	94,822	64,077
	1935	1,022	20,454	21,796	22,018	73,315	51,207
	1933	863	16,865	16,091	<sup>14</sup> 16,540	56,011	39,471
	1931	1,056	21,216	25,356	<sup>14</sup> 22,564	79,780	57,276
Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.	1937	77	2,152	2,771	2,865	8,881	6,016
	1935	101	2,190	2,449	2,752	7,661	4,900
	1933	77	1,089	1,094	921	3,425	2,505
	1931	133	1,467	2,048	1,440	5,607	4,168
Engraving, steel, copperplate, and wood, and plate printing.	1937	435	7,831	9,883	8,115	20,436	21,321
	1935	388	5,300	6,521	4,818	20,124	15,306
	1933	343	5,033	5,255	3,637	16,223	12,585
	1931	432	6,995	9,503	6,425	27,425	21,001
Lithographing.....	1937	552	24,079	35,928	54,319	137,731	83,412
	1935	387	17,688	24,158	34,305	92,047	57,742
	1933	340	14,579	18,123	<sup>14</sup> 25,906	68,188	42,193
	1931	364	16,215	25,723	<sup>14</sup> 36,638	87,433	56,745
Photoengraving, not done in printing establishments.	1937	641	12,364	29,113	15,303	77,962	62,659
	1935	662	9,408	21,342	8,787	53,342	44,555
	1933	600	7,907	14,788	<sup>14</sup> 6,513	37,583	31,064
	1931	617	10,095	24,990	<sup>14</sup> 8,463	56,020	47,506
Stereotyping and electrotyping, not done in printing establish- ments.	1937	218	4,766	9,694	5,183	31,043	25,890
	1935	206	4,417	8,444	3,831	26,867	23,036
	1933	207	3,734	6,488	2,600	20,066	17,397
	1931	223	4,857	10,917	3,590	24,582	20,991
Chemicals and allied products, total.	1937	7,419	314,520	381,405	1,027,948	3,721,531	1,793,583
	1935	7,419	276,434	285,875	1,448,322	2,837,316	1,388,483
	1933	6,527	237,480	220,771	968,478	2,117,513	1,149,041
	1931	7,444	239,370	293,271	1,255,459	2,650,635	1,395,176
Chemicals and allied prod- ucts other than animal and vegetable oils, total.	1937	6,831	292,640	366,055	1,598,676	3,315,675	1,716,999
	1935	6,818	258,922	275,280	1,207,898	2,543,385	1,335,586
	1933	5,900	229,507	212,519	838,582	1,947,491	1,108,069
	1931	6,835	216,176	251,093	1,036,312	2,376,978	1,341,667

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.  
<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>14</sup> Revised to include cost of contract work.

<sup>20</sup> Revised; revision not carried into group total.



No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFA- CTURE <sup>2</sup>
Chemicals, etc.—Continued.							
Ammunition and related prod- ucts.	1937	15	6,596	7,584	16,462	37,443	20,981
	1935	13	5,599	5,121	10,354	26,308	15,954
	1933	8	5,305	4,420	9,397	24,402	15,005
	1931	9	5,336	4,428	9,427	25,112	15,685
Baking powder, yeast, and other leavening compounds.	1937	40	2,380	3,761	13,330	30,279	16,949
	1935	48	2,666	4,278	14,403	32,341	17,938
	1933	40	2,690	3,654	13,112	31,975	18,863
	1931	45	2,881	4,798	20,746	47,027	26,281
Blacking, stains, and dressings...	1937	147	1,536	1,490	7,988	19,183	11,194
	1935	167	1,408	1,467	8,366	17,932	9,536
	1933	154	1,625	1,504	6,900	19,056	12,146
	1931	156	1,501	1,666	6,041	20,343	13,402
Bluing.....	1937	14	67	69	350	1,120	778
	1935	15	58	55	287	1,012	624
	1933	16	77	86	323	1,033	710
	1931	20	95	94	402	1,179	777
Bone black, carbon black, and lampblack.	1937	62	2,190	2,712	7,236	18,854	11,618
	1935	55	1,828	1,937	5,334	14,811	9,477
	1933	48	1,449	1,206	4,010	8,507	4,497
	1931	62	1,039	1,344	5,022	9,535	4,513
Candles.....	1937	22	725	686	2,624	5,352	2,727
	1935	23	713	590	2,400	4,794	2,334
	1933	19	673	561	1,844	4,128	2,284
	1931	23	713	711	2,481	5,396	2,915
Chemicals not elsewhere classi- fied.	1937	601	78,951	117,221	455,062	932,750	477,668
	1935	570	65,838	80,481	350,134	668,667	338,564
	1933	541	53,190	59,229	221,453	476,503	255,049
	1931	558	48,622	66,300	246,068	533,175	287,107
Cleaning and polishing prepara- tions.	1937	363	3,341	3,943	23,644	57,871	34,228
	1935	395	2,824	3,033	17,295	42,407	25,112
	1933	327	2,755	2,722	14,753	41,048	23,296
	1931	388	2,449	2,969	16,079	48,007	31,028
Compressed and liquefied gases...	1937	356	4,655	6,591	14,244	56,418	42,174
	1935	330	3,788	4,408	11,250	42,019	30,780
	1933	326	2,763	3,154	8,586	32,007	23,421
	1931	349	2,844	3,806	10,135	41,806	31,672
Drug grinding.....	1937	21	699	849	4,762	7,935	3,173
	1935	21	590	601	3,370	5,916	2,537
	1933	22	630	614	3,448	6,309	2,951
	1931	23	661	711	5,457	9,159	3,702
Drugs and medicines.....	1937	1,013	24,095	26,116	98,822	345,916	247,007
	1935	1,056	22,128	21,979	83,704	291,733	205,030
	1933	998	19,683	18,768	70,594	257,013	186,419
	1931	1,197	21,023	23,194	82,356	313,563	231,206
Explosives.....	1937	77	5,406	8,620	24,213	58,181	33,969
	1935	74	4,570	5,647	17,013	40,667	23,655
	1933	66	4,168	4,135	12,705	35,106	22,401
	1931	78	4,733	5,572	10,510	46,258	26,739
Fertilizers.....	1937	743	20,893	15,364	130,081	195,759	65,678
	1935	670	17,473	10,967	93,362	140,386	47,004
	1933	522	13,063	7,274	69,053	94,939	28,886
	1931	599	14,551	12,146	106,481	154,350	47,869

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.  
<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., (fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFA- TURE <sup>2</sup>
Chemicals, etc.—Continued.							
Fireworks and allied products . . .	1937	50	1,760	1,621	3,695	8,128	4,433
	1935	52	1,588	1,309	2,640	6,504	3,855
	1933	46	1,420	1,122	2,046	5,979	3,033
	1931	48	1,387	1,661	2,992	6,976	3,986
Glue and gelatin . . . . .	1937	75	3,547	4,565	23,891	40,650	17,259
	1935	74	3,253	3,534	15,076	28,161	13,085
	1933	63	2,013	2,033	8,328	17,163	8,834
	1931	72	2,559	3,325	15,460	27,516	12,055
Grease and tallow, not including lubricating greases.	1937	266	5,200	6,763	32,980	52,269	19,289
	1935	259	4,761	5,390	22,214	39,836	17,622
	1933	201	3,088	4,099	14,141	26,238	12,097
	1931	238	4,067	5,225	17,533	29,241	11,708
Ink, printing . . . . .	1937	184	2,793	4,085	25,104	47,347	22,243
	1935	101	2,370	3,234	18,602	34,535	15,933
	1933	100	2,094	2,063	12,604	26,106	13,563
	1931	171	2,247	3,479	14,532	32,188	17,056
Ink, writing . . . . .	1937	17	366	370	1,500	3,476	1,976
	1935	22	377	380	1,415	3,382	1,967
	1933	22	355	321	1,226	2,722	1,296
	1931	23	347	363	1,463	3,535	2,073
Insecticides and fungicides, and industrial and household chemi- cal compounds not elsewhere classified.	1937	573	4,322	4,659	34,103	71,168	37,005
	1935	546	3,468	3,401	24,304	59,429	29,036
	1933	380	1,977	1,856	11,211	27,908	16,098
	1931	498	2,650	3,015	20,540	54,756	34,117
Mucilage, paste, and other ad- hesives, except glue and rubber cement.	1937	61	295	313	2,165	4,210	2,045
	1935	66	267	289	1,767	3,639	1,806
	1933	55	213	237	1,265	2,478	1,184
	1931	69	282	350	1,889	3,621	1,732
Paints, pigments, and varnishes.	1937	1,124	31,664	42,751	312,085	538,461	226,375
	1935	1,082	27,686	32,187	232,164	417,000	184,836
	1933	961	22,880	23,791	153,026	289,442	136,416
	1931	1,039	22,521	26,425	193,787	350,726	156,989
Perfumes, cosmetics, and other toilet preparations.	1937	478	10,168	9,262	53,905	132,336	78,431
	1935	563	9,662	8,586	44,759	119,529	74,770
	1933	490	8,978	7,470	33,175	97,049	63,874
	1931	658	10,026	9,674	44,184	153,818	109,694
Rayon and allied products . . . . .	1937	33	55,098	65,291	80,616	254,697	174,081
	1935	32	50,550	50,693	64,513	185,100	120,646
	1933	34	44,306	38,613	44,031	156,932	112,900
	1931	32	38,735	38,281	36,181	132,632	96,452
Salt . . . . .	1937	46	4,616	5,279	11,212	82,741	21,528
	1935	48	4,976	4,384	10,934	29,720	18,788
	1933	50	5,036	4,814	9,154	29,011	19,857
	1931	53	4,728	5,549	10,864	31,430	20,566
Soap . . . . .	1937	232	14,008	10,075	185,170	301,292	116,122
	1935	235	13,911	15,339	139,403	239,152	99,659
	1933	235	14,304	14,140	98,507	200,128	106,621
	1931	248	14,183	17,740	121,829	257,719	135,889
Tanning materials, natural dye- stuffs, mordants and assist- ants, and sizes.	1937	158	2,312	3,000	22,903	35,685	13,081
	1935	154	2,651	2,636	19,706	33,639	13,933
	1933	124	2,141	2,212	13,518	23,322	9,804
	1931	116	1,962	2,390	15,621	26,469	10,948

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., from purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.<sup>4</sup> Revised; revision not carried into subgroup or group total.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (aver- age for the year)	WAGES	COST OF MATE- RIALS, FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Chemicals, etc.—Continued.							
Wood distillation and charcoal manufacture.	1937	60	4,467	4,024	11,328	26,145	14,817
	1935	60	3,808	2,816	7,023	15,971	8,047
	1933	54	2,731	1,782	5,073	11,036	5,963
	1931	63	2,654	2,745	6,474	11,440	4,666
Animal and vegetable oils, total.	1937	588	21,880	15,851	329,273	405,867	76,584
	1935	601	17,512	10,595	240,934	293,431	52,497
	1933	567	16,973	8,252	139,951	170,022	40,072
	1931	609	15,194	12,207	220,147	273,657	53,509
Oil, cake, and meal, cottonseed.	1937	447	16,583	8,532	195,747	242,043	46,296
	1935	458	13,226	5,912	100,552	187,887	27,356
	1933	475	14,242	5,376	78,229	104,212	25,982
	1931	504	12,268	8,335	147,165	181,347	34,182
Oil, cake, and meal, linseed.	1937	23	2,628	3,591	74,481	90,357	15,875
	1935	25	2,350	2,950	48,451	60,264	11,449
	1933	22	1,625	1,684	33,853	40,468	6,610
	1931	28	1,837	2,278	50,306	62,883	12,576
Oils, essential.	1937	13	195	266	2,933	3,981	1,048
	1935	12	166	219	2,608	3,542	959
	1933	12	175	222	2,243	3,094	851
	1931	12	128	199	2,707	3,505	798
Oils not elsewhere classified.	1937	105	2,474	2,962	56,111	69,476	13,365
	1935	106	1,770	1,814	30,918	41,737	10,819
	1933	58	931	970	15,625	22,254	6,629
	1931	65	961	1,394	19,970	25,922	5,962
Products of petroleum and coal, total. <sup>3</sup>	1937	675	106,473	176,904	2,366,802	2,954,465	587,662
	1935	688	96,370	133,854	1,686,859	2,118,307	431,448
	1933	668	84,203	107,669	1,206,372	1,576,013	369,641
	1931	679	85,623	132,925	1,399,154	1,797,066	397,911
Coke-oven products.	1937	94	20,603	33,103	273,068	367,469	84,401
	1935	88	16,694	21,575	139,557	238,704	55,147
	1933	97	13,066	15,527	123,275	165,731	42,466
	1931	112	14,383	22,134	162,793	220,509	63,716
Fuel briquets.	1937	21	457	547	4,041	6,138	2,097
	1935	25	341	386	3,364	4,013	1,519
	1933	24	290	262	1,886	2,944	1,068
	1931	23	301	357	3,035	4,568	1,533
Lubricating oils and greases, not made in petroleum refineries.	1937	195	2,231	2,839	25,387	44,113	18,725
	1935	180	1,933	2,282	20,972	36,069	15,096
	1933	158	1,794	2,087	16,774	28,702	11,923
	1931	168	2,115	2,960	22,809	41,704	18,895
Petroleum refining.	1937	365	83,182	140,415	2,064,307	2,546,746	482,439
	1935	395	77,402	100,611	1,481,936	1,838,622	356,686
	1933	389	69,047	80,793	1,064,437	1,378,637	314,200
	1931	376	68,824	107,474	1,210,517	1,524,286	313,708

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> Revised; revision not carried into subgroup or group total.

<sup>4</sup> This group formerly included "Gas, manufactured, illuminating and heating." At the Census for 1937 this was discontinued as a manufactures industry classification; the figures for earlier years have been revised accordingly.

NO. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Number of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, FUEL, TUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Rubber products, total.....	1937	478	129,818	171,305	514,260	883,033	368,772
	1935	466	114,681	133,715	368,811	677,659	308,848
	1933	408	106,283	99,117	211,367	472,744	261,347
	1931	453	99,250	112,596	252,867	614,265	361,398
Rubber tires and inner tubes....	1937	46	93,200	96,707	366,858	578,860	209,002
	1935	42	67,128	78,253	265,515	446,092	180,576
	1933	44	62,076	54,737	139,302	299,313	159,921
	1931	48	49,169	63,089	173,604	406,288	232,679
Boots and shoes, rubber.....	1937	12	18,356	20,422	27,475	64,455	36,981
	1935	12	17,246	16,113	20,821	53,162	32,341
	1933	13	18,102	14,440	14,124	42,010	27,895
	1931	16	15,882	13,770	12,298	47,906	35,607
Rubber goods other than tires, inner tubes, and boots and shoes.	1937	420	48,172	54,176	119,027	242,717	122,790
	1935	412	40,307	30,348	82,475	178,405	95,931
	1933	351	35,205	29,939	57,881	131,411	73,531
	1931	390	34,218	35,738	66,965	160,077	93,112
Leather and its manufactures, total.	1937	3,364	331,955	311,293	809,469	1,491,513	592,043
	1935	3,506	310,755	279,740	694,293	1,224,431	530,139
	1933	3,265	282,000	222,487	544,737	996,773	452,036
	1931	3,702	272,757	262,130	660,200	1,189,870	523,076
Leather: Tanned, curried, and finished. <sup>22</sup>	1937	402	50,687	61,288	281,506	395,022	113,516
	1935	384	50,877	55,683	190,411	308,345	108,834
	1933	374	44,191	43,076	138,177	237,202	99,026
	1931	418	42,047	49,542	172,786	271,138	98,352
Leather: Tanned, curried, and finished—regular factories. <sup>22</sup>	1937	331	48,132	58,332	270,220	387,908	108,688
Leather: Tanned, curried, and finished—contract factories. <sup>22</sup>	1937	71	2,555	2,956	2,286	7,114	4,828
Leather products, total.....	1937	2,962	281,268	250,004	617,963	1,096,490	478,527
	1935	3,122	269,878	224,056	494,832	916,086	421,205
	1933	2,801	237,811	179,411	406,561	759,571	353,010
	1931	3,284	230,710	212,588	493,415	918,738	425,324
Belting and packing, leather.....	1937	182	2,820	3,355	15,529	27,901	12,372
	1935	187	2,362	2,520	11,574	21,522	9,948
	1933	162	1,684	1,763	7,018	14,880	7,862
	1931	178	1,640	1,968	7,302	14,522	7,220
Boot and shoe cut stock and find- ings.	1937	470	18,755	17,844	95,088	132,660	36,672
	1935	498	18,275	16,781	76,317	111,579	35,261
	1933	487	16,798	13,918	61,864	93,293	31,420
	1931	552	17,672	16,412	82,274	117,101	34,827
Boots and shoes, other than rub- ber.	1937	1,080	215,438	191,305	416,305	768,327	352,022
	1935	1,024	202,113	172,349	338,799	643,872	310,073
	1933	1,132	190,914	142,054	286,308	553,425	267,122
	1931	1,156	181,374	163,271	337,627	653,880	316,252
Gloves and mittens, leather.....	1937	221	11,637	9,939	15,720	30,718	14,999
	1935	224	9,810	8,500	13,874	28,131	14,257
	1933	194	8,120	6,434	11,377	23,470	12,063
	1931	227	7,884	7,554	13,136	28,024	14,887

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>22</sup> At the census for 1937 the "Leather: Tanned, curried, and finished" industry was separated into 2 industries, "Leather: Tanned, curried, and finished—regular factories" and "Leather: Tanned, curried, and finished—contract factories." No separation of the statistics was made for years prior to 1937.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Leather, etc.—Continued.							
Handbags and purses, wom- en's. <sup>23</sup>	1937	203	11,306	9,054	24,756	43,446	18,090
Leather goods—small articles <sup>23</sup>	1937	68	2,443	1,850	5,342	10,217	4,875
Leather goods not elsewhere classified. <sup>23</sup>	1937	322	7,103	6,309	15,679	31,084	15,405
Pocketbooks, purses, and card cases. <sup>23</sup>	1935	324	11,406	9,232	23,288	42,992	19,704
	1933	218	8,107	5,954	15,349	28,345	12,093
	1931	260	8,747	9,793	22,601	43,147	20,546
Leather goods not elsewhere classified. <sup>23</sup>	1935	401	6,024	5,421	13,358	26,385	13,027
	1933	291	4,547	3,516	9,176	18,425	9,250
	1931	355	5,221	5,321	11,974	26,012	14,038
Saddlery, harness, and whips. . .	1937	139	3,049	2,699	8,110	13,417	5,300
	1935	157	3,234	2,919	7,739	13,357	5,618
	1933	147	2,515	2,054	6,146	10,364	4,218
	1931	185	1,974	1,925	5,268	9,339	4,071
Trunks, suitcases, brief cases, bags, and other luggage.	1937	277	8,708	8,458	20,534	38,720	18,180
	1935	307	6,054	6,236	14,932	28,248	13,317
	1933	270	5,117	3,749	9,328	17,368	8,040
	1931	371	6,198	6,343	13,232	20,715	13,483
Stone, clay, and glass products, total.	1937	6,071	300,278	348,521	523,112	1,305,858	872,746
	1935	5,722	233,205	226,140	353,709	946,480	592,771
	1933	4,528	173,000	142,142	212,155	608,609	306,545
	1931	6,408	222,856	248,800	316,468	925,318	608,850
Industries using stone as a material, total.	1937	3,578	110,171	130,333	250,317	628,892	378,675
	<sup>24</sup> 1935	3,395	81,302	80,231	155,255	408,786	253,631
	<sup>24</sup> 1933	2,556	61,620	54,013	96,540	273,195	176,046
	<sup>24</sup> 1931	3,762	84,787	107,105	165,606	463,441	207,774
	Abrasives wheels, stones, paper, and cloth, and related prod- ucts.	1937	103	9,670	14,250	29,339	77,054
1935		94	6,776	8,351	20,734	53,867	33,133
1933		77	4,890	4,081	11,349	30,159	18,310
1931		73	4,614	5,540	11,727	31,647	19,919
Asbestos products other than steam packing and pipe and boiler covering.	1937	73	13,023	14,157	20,494	63,794	34,300
	1935	72	9,622	9,293	17,178	38,163	20,985
	1933	58	6,084	5,075	10,789	25,255	14,466
	1931	67	6,009	6,452	13,837	35,174	21,337
Cement. . . . .	1937	158	26,426	34,070	69,979	183,201	113,222
	1935	153	20,698	20,904	43,089	120,417	77,323
	1933	148	15,829	13,870	26,932	86,021	59,989
	1931	164	24,317	29,884	56,098	148,845	92,747
Concrete products. . . . .	1937	1,382	12,840	13,781	35,453	76,174	40,721
	1935	1,224	8,399	7,834	20,223	44,067	24,745
	1933	766	4,422	3,592	9,289	20,538	11,249
	1931	1,432	9,253	10,728	22,373	53,192	30,319

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>23</sup> At the census for 1937 "Handbags and purses, women's," "Leather goods—small articles," and "Leather goods not elsewhere classified" were established as separate industry classifications. The establishments comprising these industries were formerly in the industries "Pocketbooks, purses, and card cases" and "Leather goods not elsewhere classified." Comparable figures are not available for classifications established for 1937.

<sup>24</sup> At the census for 1937 "Nonclay refractories" was established as a separate industry classification; data were formerly included in the "Clay products" industry. The figures for 1935 and 1933 for the latter industry have been revised by excluding data for nonclay refractories, but no segregation has been made for 1931. The subgroup totals have been revised for the years 1935 and 1933.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Stone, etc.—Continued.							
Gypsum products <sup>2a</sup> -----	1937	70	5,207	6,591	16,681	42,617	25,935
	1935	72	3,382	3,444	8,921	26,288	17,368
Limo-----	1937	203	9,751	9,610	13,287	35,022	21,735
	1935	189	7,497	6,052	8,040	23,322	14,382
	1933	187	5,972	4,079	6,543	16,200	9,657
	1931	203	6,706	6,012	8,896	22,200	13,304
Marble, granite, slate, and other stone, cut and shaped.	1937	1,403	20,816	24,381	27,349	79,006	51,657
	1935	1,404	15,224	16,192	18,756	56,478	37,722
	1933	1,129	16,541	16,760	17,777	55,041	37,264
	1931	1,588	27,700	41,651	34,405	119,395	84,990
Nonclay refractories <sup>24</sup> -----	1937	40	5,041	6,331	12,538	28,457	15,919
	1935	43	4,861	4,023	8,153	20,771	12,618
	1933	40	3,304	2,139	4,813	12,161	7,338
Sand-lime brick-----	1937	23	414	460	545	1,618	1,073
	1935	20	227	199	270	654	385
	1933	10	84	61	74	205	131
	1931	31	322	357	461	1,268	806
Wallboard and plaster (except gypsum), building insulation, and floor composition. <sup>25</sup>	1937	114	6,333	6,691	15,652	41,049	25,398
	1935	124	4,616	3,938	8,992	23,859	14,367
Wallboard, insulating board, gypsum and other plasters, and floor composition. <sup>25</sup>	1933	172	4,694	3,679	9,439	27,610	18,172
	1931	214	6,461	7,111	18,913	54,594	35,681
Industries using clay as a material, total.	1937	1,727	98,404	102,630	91,346	291,247	199,001
	<sup>24</sup> 1935	1,582	74,078	63,570	59,113	185,030	125,918
	<sup>24</sup> 1933	1,334	55,062	37,347	35,611	110,679	77,068
	<sup>24</sup> 1931	1,807	80,969	75,223	59,977	209,286	149,309
China firing and decorating, not done in potteries.	1937	16	306	359	762	1,690	927
	1935	19	278	224	645	1,267	622
	1933	14	162	127	378	762	384
	1931	21	220	236	551	1,128	577
Clay products (other than pot- tery).	1937	1,198	59,585	57,844	50,975	163,262	112,286
	<sup>24</sup> 1935	1,031	39,722	30,579	29,931	90,427	60,496
	<sup>24</sup> 1933	888	28,550	16,828	15,181	52,462	37,271
	<sup>24</sup> 1931	1,264	61,128	44,368	36,969	127,336	90,367
Graphite, ground and refined-----	1937	6	56	74	729	1,078	349
	1935	9	256	261	942	2,122	1,180
	1933	10	168	146	763	1,490	727
	1931	9	133	133	976	1,962	986
Minerals and earths, ground or otherwise treated.	1937	157	4,539	4,898	11,613	27,161	15,548
	1935	161	4,258	3,614	8,919	21,545	12,626
	1933	107	1,874	1,565	4,389	9,684	5,295
	1931	88	1,000	1,127	3,817	7,295	3,478

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.<sup>24</sup> At the census for 1937 "Nonclay refractories" was established as a separate industry classification; data were formerly included in the "Clay products" industry. The figures for 1935 and 1933 for the latter industry have been revised by excluding data for nonclay refractories, but no segregation has been made for 1931. The subgroup totals have been revised for the years 1935 and 1933.<sup>25</sup> The "Gypsum products" and "Wallboard and plaster (except gypsum), building insulation, and floor composition" industries were treated as a single industry, "Wallboard, insulating board, gypsum and other plasters, and floor composition" prior to 1935. The 1933 and 1931 figures for the latter industry have been revised to include data for mineral wool, formerly assigned to "Steam and other packing," etc., but this revision was not carried into totals for subgroup and group.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Stone, etc.—Continued.							
Pottery, including porcelain ware.	1937	251	33,060	38,329	26,252	94,726	68,474
	1935	257	28,845	28,088	18,003	66,778	48,775
	1933	231	23,632	17,891	12,179	43,718	31,689
	1931	275	27,023	26,981	16,393	65,866	49,473
Statuary and art goods (except concrete), factory production.	1937	99	858	1,126	1,015	3,331	2,816
	1935	105	719	823	4,770	2,892	42,116
	1933	84	686	789	721	2,574	1,853
	1931	150	1,325	2,328	1,271	5,700	4,429
Glass and manufactures of glass, total.	1937	766	91,703	115,568	181,449	475,719	294,270
	1935	745	77,825	82,339	139,341	352,664	213,323
	1933	638	56,317	50,781	81,995	224,825	142,830
	1931	839	57,100	66,531	90,824	252,592	161,767
Glass.....	1937	232	79,051	101,588	140,705	387,710	247,005
	1935	213	67,138	71,443	110,041	283,925	173,884
	1933	213	49,797	45,222	63,410	191,943	128,538
	1931	229	49,917	57,882	78,575	216,265	142,600
Mirrors and other glass products made of purchased glass.	1937	534	12,652	13,981	40,744	88,009	47,265
	1935	532	10,687	10,898	29,300	68,738	30,438
	1933	425	6,520	5,559	18,585	32,877	14,292
	1931	610	7,183	8,650	17,250	30,327	19,077
Iron and steel and their products, not including machinery.	1937	8,345	1,166,287	1,661,045	4,047,687	7,480,360	3,432,674
	<sup>26</sup> 1935	8,105	879,089	991,207	2,511,698	4,688,958	2,077,260
	<sup>26</sup> 1933	7,055	655,536	585,521	1,522,536	2,768,962	1,246,426
	<sup>26</sup> 1931	6,531	626,331	735,787	1,869,989	3,400,102	1,540,113
Crude iron and steel and rolled products, total.	1937	497	502,417	817,778	2,378,626	4,003,017	1,624,391
	1935	468	374,808	458,584	1,412,280	2,305,970	893,681
	1933	466	288,945	270,367	876,046	1,357,574	481,529
	1931	526	278,206	357,645	1,091,015	1,714,214	623,199
Blast-furnace products.....	1937	87	23,075	38,001	544,881	672,525	127,644
	1935	72	15,178	18,916	300,658	374,651	73,993
	1933	72	12,098	11,564	183,957	213,685	29,729
	1931	80	13,572	19,259	269,132	311,371	52,240
Steel-works and rolling-mill prod- ucts (including all depart- ments, such as bolt and nut, wire, tin plate, etc.).	1937	410	479,342	779,776	1,833,745	3,330,491	1,496,747
	1935	396	350,630	439,660	1,111,621	1,931,518	819,933
	1933	394	276,847	258,803	692,089	1,143,889	461,800
	1931	446	264,634	338,387	831,884	1,402,843	670,959
Other iron and steel prod- ucts, total.	1937	7,848	663,870	843,267	1,669,061	3,477,344	1,808,283
	<sup>26</sup> 1935	7,637	504,281	532,623	1,099,409	2,282,088	1,183,580
	<sup>26</sup> 1933	6,589	366,594	315,154	640,490	1,411,387	764,897
	<sup>26</sup> 1931	6,005	348,125	378,142	768,973	1,686,858	916,915
Boiler-shop products <sup>27</sup> .....	1937	453	24,485	33,842	82,979	165,280	82,301
	1935	413	13,290	14,770	36,598	73,170	36,572
	1933	292	9,805	9,064	23,481	45,866	22,896

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> Revised; revision not carried into subgroup or group total.

<sup>26</sup> Figures for 1935 and 1933 revised to include figures for "Boiler-shop products" and "Foundry products (gray-iron and malleable-iron)" transferred from "Machinery, not including transportation equipment" group; no revision has been made in the figures for 1931.

<sup>27</sup> Prior to the census for 1937 in "Machinery, not including transportation equipment" group. No separate figures for 1931; at that census included in the abandoned industry "Foundry and machine-shop products."

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (aver- age for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Iron and steel, etc.—Con.</b>							
Bolts, nuts, washers, and rivets <sup>28</sup>	1937	138	16,840	22,088	44,342	98,079	53,737
	1935	137	12,506	13,375	29,300	57,420	28,120
	1933	103	8,486	7,155	15,350	32,874	17,523
	1931	116	10,518	10,177	16,872	30,483	22,611
	1937	75	17,613	18,083	25,441	61,118	35,677
Cast-iron pipe and fittings.....	1935	71	13,543	10,370	14,810	37,870	25,080
	1933	71	9,454	5,847	6,992	20,916	11,924
	1931	78	16,066	14,559	20,977	47,938	26,960
	1937	154	8,408	11,870	20,053	49,915	29,862
Doors, shutters, and window sash and frames, molding, and trim, metal.	1935	134	4,533	5,093	10,284	22,740	12,456
	1933	125	3,572	3,123	5,953	13,377	7,423
	1931	139	6,316	8,898	14,572	35,608	21,636
	1937	21	6,847	9,670	4,333	21,555	17,222
Firearms.....	1935	22	4,855	5,499	3,412	13,027	9,615
	1933	22	3,382	3,164	2,169	9,214	7,045
	1931	24	4,264	4,711	2,501	10,611	8,110
	1937	194	18,255	27,659	63,224	122,835	59,611
Forgings <sup>29</sup> .....	1935	185	12,253	15,107	35,105	66,351	31,243
	1933	181	7,953	7,354	16,806	32,523	15,627
	1931	202	9,071	11,444	22,657	47,700	25,043
	1937	1,239	120,024	168,588	141,723	397,303	255,580
Foundry products (gray-iron and malleable-iron). <sup>27</sup>	1935	1,251	86,894	98,512	90,275	250,460	160,185
	1933	1,078	59,321	49,414	43,543	142,722	99,179
	1937	64	1,119	1,376	2,527	5,094	3,467
Galvanizing and other coating <sup>29</sup> .....	1935	65	1,201	1,269	2,135	5,194	3,061
	1933	54	761	661	1,164	2,691	1,827
	1931	60	1,011	1,170	1,669	4,060	2,391
	1937	428	53,000	65,274	86,736	219,082	132,346
Hardware not elsewhere classified.	1935	405	41,473	42,386	57,747	147,677	98,930
	1933	381	32,550	26,937	30,040	85,077	55,037
	1931	451	36,118	37,269	38,318	115,900	77,882
	1937	830	89,287	111,788	180,105	439,285	259,181
Heating and cooking apparatus, except electric. <sup>30</sup>	1935	834	68,820	73,041	115,610	297,364	182,354
	1933	770	52,494	46,510	66,344	186,971	126,626
	1931	827	61,676	64,833	91,537	271,607	180,670
	1937	42	2,432	2,746	5,636	11,929	6,293
Nails, spikes, etc. <sup>28</sup> .....	1935	43	2,178	2,320	4,334	9,656	5,322
	1933	39	1,695	1,590	2,704	6,973	4,269
	1931	46	1,670	1,670	2,682	6,828	3,846
	1937	241	25,240	30,635	50,116	113,920	63,804
Plumbers' supplies, not includ- ing pipe or vitreous-china sani- tary ware.	1935	252	20,136	21,335	32,120	75,631	43,510
	1933	232	15,893	12,922	17,561	46,886	29,325
	1931	238	19,688	20,440	26,003	70,936	44,933

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>27</sup> Prior to the census for 1937 in "Machinery, not including transportation equipment" group. No separate figures for 1931; at that census included in the abandoned industry "Foundry and machine-shop products."

<sup>28</sup> Not including similar products manufactured to a considerable extent by steel works and rolling mills or by plants operated in connection with rolling mills. The figures here given refer only to establishments engaged primarily in the specified classes of products. "Nails, spikes," etc., also exclude products made in wire mills.

<sup>29</sup> Largely custom work. Exclusive of products made in steel works and rolling mills or in plants operated in connection with rolling mills.

<sup>30</sup> Represents industries classified prior to 1937 as "Steam and hot-water heating apparatus and steam fittings" and "Stoves and ranges, other than electric."



NO. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Iron and steel, etc.—Con.</b>							
Safes and vaults.....	1937	14	1,132	1,445	1,098	5,149	3,152
	1935	14	809	800	1,266	3,313	2,047
	1933	21	933	643	938	2,918	1,930
	1931	25	2,044	2,176	4,073	11,607	7,534
Screw-machine products and wood screws.	1937	311	21,287	28,030	42,714	102,725	60,011
	1935	302	15,018	16,825	27,223	63,029	35,801
	1933	255	10,236	8,951	13,485	33,449	19,994
	1931	275	12,047	13,478	16,142	43,698	27,566
Springs, steel, except wire <sup>28</sup> .....	1937	57	3,902	5,804	16,153	27,233	11,080
	1935	49	3,146	3,566	11,049	18,233	7,185
	1933	60	2,112	1,972	5,543	10,413	4,869
	<sup>31</sup> 1931	77	2,561	5,101	6,367	12,614	6,248
	<sup>32</sup> 1931	98	2,938	3,634	7,541	15,158	7,017
Stamped and pressed metal products; enameling, japann- ing, and lacquering.	1937	743	61,002	73,141	148,148	294,039	145,891
	1935	698	50,014	51,183	102,323	208,672	106,349
	1933	552	32,302	26,634	54,682	117,372	62,690
	1931	566	28,378	30,662	53,618	122,696	69,078
Steel barrels, kegs, and drums....	1937	58	6,231	7,357	30,296	48,175	17,880
	1935	64	5,761	5,839	21,090	34,650	13,560
	1933	53	5,517	6,026	18,035	30,399	12,364
	1931	52	3,253	3,513	12,990	21,644	8,654
Structural and ornamental metal work <sup>29</sup>	1937	1,132	36,814	53,898	169,673	292,756	123,033
	1935	1,111	27,243	28,225	94,088	160,762	66,075
	1933	903	21,377	18,624	63,160	107,612	44,443
	1931	1,302	37,510	47,875	131,649	238,033	106,394
Tin cans and other tinware not elsewhere classified.	1937	224	33,145	37,194	245,110	358,796	113,686
	1935	204	27,484	27,826	206,118	292,388	86,270
	1933	194	23,343	22,093	137,046	207,946	70,900
	1931	199	25,271	27,978	149,121	223,634	74,513
Tools and cutlery: Cutlery (not including silver and plated cutlery) and edge tools.	1937	251	16,830	18,633	18,737	68,194	49,457
	1935	264	13,715	13,532	12,672	51,171	38,499
	1933	200	10,807	8,848	8,647	38,718	30,071
	1931	221	12,485	12,194	8,983	52,337	43,354
Files.....	1937	21	3,715	4,815	3,344	13,653	10,309
	1935	22	2,913	3,049	2,237	9,179	6,943
	1933	23	2,684	2,431	1,567	7,391	5,824
	1931	26	3,016	2,719	1,221	7,316	6,095
Saws.....	1937	80	4,384	5,576	7,415	19,853	12,438
	1935	82	3,425	3,731	4,523	13,649	8,427
	1933	71	2,528	2,847	3,003	9,926	6,923
	1931	78	3,005	3,084	4,035	11,572	7,537
Tools, not including edge tools, machine tools, files, or saws.	1937	369	17,612	21,132	30,959	80,046	49,087
	1935	343	12,636	13,268	19,068	52,544	33,470
	1933	294	9,598	8,158	10,821	34,199	23,078
	1931	355	10,833	11,209	13,725	42,417	28,692

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> Revised; revision not carried into subgroup or group total.

<sup>28</sup> Not including similar products manufactured to a considerable extent by steel works and rolling mills or by plants operated in connection with rolling mills. The figures here given refer only to establishments engaged primarily in the specified classes of products. "Nails, spikes," etc., also exclude products made in wire mills.

<sup>29</sup> Largely custom work. Exclusive of products made in steel works and rolling mills or in plants operated in connection with rolling mills.

<sup>31</sup> Adjusted for comparison with 1933 and later years.

<sup>32</sup> Includes data for establishments engaged primarily in repairing and replacing motor-vehicle springs, not included in later years.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUB- LISHED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Iron and steel, etc.—Con.</b>							
Wire drawn from purchased rods (covers fabricated wire prod- ucts made in the same estab- lishments).	1937	93	24,580	33,967	100,375	132,149	81,774
	1935	88	21,550	24,452	93,722	127,417	59,695
	1933	78	14,056	14,321	39,015	75,476	35,861
	1931	82	14,476	17,179	45,187	83,370	38,183
Wirework not elsewhere classified.	1937	563	33,471	39,207	78,296	164,510	86,214
	1935	536	25,165	25,426	55,984	117,569	61,685
	1933	429	17,633	14,155	35,220	74,520	39,300
	1931	494	17,226	17,382	40,308	80,694	46,386
Wrought pipe, welded and heavy riveted. <sup>3</sup>	1937	53	14,125	19,436	66,629	113,769	45,140
	1935	45	10,720	11,793	42,285	73,849	31,594
	1933	44	6,552	5,580	20,321	34,957	14,135
	1931	51	8,045	9,890	42,291	75,041	32,749
Nonferrous metals and their products, total.	1937	5,303	270,327	349,276	1,926,526	2,783,285	856,759
	1935	5,411	214,986	232,651	1,092,344	1,668,561	576,217
	1933	4,367	155,960	140,088	586,444	951,331	394,937
	1931	5,744	180,477	209,515	808,569	1,326,565	517,996
Smelting and refining, total	1937	230	35,873	50,788	1,134,077	1,289,707	155,630
	1935	249	27,242	29,815	600,453	695,268	94,815
	1933	214	18,236	17,023	302,325	350,012	56,684
	1931	237	21,006	27,064	401,151	484,682	83,530
Primary, total.....	1937	62	29,815	43,255	954,818	1,084,607	129,789
	1935	62	22,478	24,887	476,653	554,627	77,074
	1933	69	14,567	13,649	231,985	273,286	41,401
	1931	76	18,477	22,716	335,713	408,589	72,876
Smelting and refining, copper....	1937	23	14,514	20,941	645,294	715,355	70,061
	1935	20	10,440	11,154	310,797	348,267	37,460
	1933	19	5,696	5,387	142,672	158,610	15,938
	1931	27	8,642	10,708	226,520	269,384	42,864
Smelting and refining, lead.....	1937	14	4,036	5,547	234,072	253,598	19,526
	1935	16	3,187	3,424	122,019	137,219	16,200
	1933	14	2,195	2,325	60,534	70,453	9,020
	1931	16	2,584	3,569	78,745	90,726	11,982
Smelting and refining, zinc.....	1937	25	11,265	16,767	75,452	115,655	40,202
	1935	26	8,842	10,309	43,836	69,151	25,315
	1933	26	6,866	5,838	28,679	44,222	15,543
	1931	33	7,251	8,439	30,449	48,479	18,030
Secondary, total.....	1937	168	6,058	7,533	179,260	205,100	25,841
	1935	187	4,764	4,928	123,801	140,641	18,840
	1933	155	3,669	3,474	70,443	85,726	15,283
	1931	161	3,429	4,348	65,438	76,093	10,665
Gold, silver, and platinum, re- fining and alloying.	1937	65	1,085	1,561	35,208	92,093	6,886
	1935	88	1,002	1,318	71,791	78,018	6,227
	1933	61	745	980	30,036	44,604	5,567
	1931	63	803	1,186	36,893	41,398	4,505
Smelting and refining, nonfer- rous metals other than gold, silver, and platinum, not from the ore.	1937	103	4,973	5,972	94,052	113,007	18,955
	1935	99	3,762	3,610	62,009	62,623	10,614
	1933	94	2,924	2,494	31,407	41,123	9,716
	1931	98	2,626	3,162	28,546	34,695	6,150

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> Largely custom work. Exclusive of products made in steel works and rolling mills or in plants operated in connection with rolling mills.

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 1931 to 1937—Continued

GROUP OR INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	WAGES	COST OF MATERIALS, ETC., FUEL, PURCHASED ENERGY, AND CONTRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE <sup>2</sup>
<b>Nonferrous metals, etc.—Con.</b>							
Alloys and manufactures of metals, and of alloys, total.	1937	5,073	234,454	298,488	792,448	1,493,578	701,129
	1935	5,162	187,744	202,836	491,890	973,203	481,403
	1933	4,153	137,734	123,065	284,117	592,369	308,263
	1931	5,507	<sup>20</sup> 158,305	182,451	407,418	841,883	434,466
Aluminum products.....	1937	163	23,695	31,888	96,104	165,643	69,540
	1935	170	19,271	20,345	58,609	104,067	45,458
	1933	109	13,634	11,900	34,027	61,464	27,437
	1931	138	13,803	16,106	41,605	76,300	34,095
Clocks, watches, time-recording devices, and materials and parts except watchcases.	1937	75	23,223	27,559	38,444	97,934	59,489
	1935	76	18,026	18,280	22,674	61,204	38,530
	1933	63	12,850	10,003	9,468	31,666	22,188
	1931	75	16,213	15,686	12,880	45,563	32,083
Collapsible tubes.....	1937	15	1,983	1,872	5,272	9,185	3,913
	1935	16	1,961	1,750	4,906	8,505	3,539
	1933	17	1,750	1,482	3,834	6,924	3,090
	1931	17	1,737	1,634	4,142	7,634	3,492
Electroplating.....	1937	547	8,266	9,828	6,815	26,686	19,872
	1935	563	6,238	6,941	4,649	18,328	13,679
	1933	423	3,956	3,715	2,352	10,032	7,680
	1931	464	4,107	5,642	2,802	13,084	10,282
Fire extinguishers, chemical.....	1937	25	1,041	1,401	3,582	8,899	5,307
	1935	25	806	965	2,479	5,343	2,864
	1933	22	589	604	1,720	3,775	2,055
	1931	25	571	617	1,706	4,453	2,656
Gold leaf and foil.....	1937	26	625	515	1,231	2,299	1,068
	1935	27	557	403	961	1,783	822
	1933	31	608	348	684	1,402	718
	1931	48	865	631	1,015	2,217	1,202
Jewelers' findings and materials.	1937	71	2,470	3,002	14,574	21,684	7,109
	1935	73	2,663	2,728	10,991	17,170	6,179
	1933	60	1,811	1,604	5,503	9,250	3,747
	1931	99	1,899	2,843	7,121	11,976	4,855
Jewelry.....	1937	974	20,368	23,273	43,915	96,601	52,686
	1935	994	17,096	17,841	30,883	70,917	40,034
	1933	779	13,069	11,323	16,783	42,652	25,869
	1931	1,052	16,724	20,231	28,684	75,123	46,438
Lighting equipment.....	1937	466	21,743	24,918	55,593	115,096	59,593
	1935	501	16,677	17,232	40,114	85,700	45,538
	1933	357	10,538	9,506	19,241	46,173	26,933
	1931	523	14,790	18,150	30,312	75,050	44,738
Needles, pins, hooks and eyes, and slide and snap fasteners.	1937	52	9,580	10,154	10,291	36,240	25,949
	1935	50	10,104	9,494	9,383	32,830	23,447
	1933	45	6,412	5,768	5,818	22,758	16,940
	1931	46	5,354	5,667	4,842	20,342	15,500
Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified.	1937	1,103	83,016	115,515	392,683	669,374	276,691
	1935	1,098	62,935	72,001	220,759	393,227	172,468
	1933	875	47,784	43,729	128,356	239,156	110,800
	1931	1,056	48,913	55,169	195,338	331,439	130,101
Sheet-metal work, not specifically classified.	1937	1,392	22,973	29,293	85,935	159,096	73,161
	1935	1,400	17,369	19,551	58,123	109,333	51,210
	1933	1,229	13,050	12,658	35,403	68,807	38,344
	1931	1,793	19,365	25,158	56,342	116,443	60,101

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.  
<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>20</sup> Revised; revision not carried into group total.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 TO 1937—Continued

GROUP OR INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	WAGES	COST OF MATERIALS, ETC., FUEL, PURCHASED ENERGY, AND CONTRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE <sup>2</sup>
<b>Nonferrous metals, etc.—Con.</b>							
Silverware and plated ware.....	1937	196	11,361	13,790	22,670	56,733	34,063
	1935	189	10,194	11,078	15,298	43,372	28,074
	1933	126	9,177	8,229	12,425	34,333	21,907
	1931	163	11,077	12,713	11,792	45,815	34,022
Tin and other foils, not including gold foil.	1937	9	1,669	2,354	11,157	17,760	6,603
	1935	11	1,831	1,899	9,226	14,533	5,307
	1933	7	1,337	1,189	7,681	11,331	3,651
	1931	8	<sup>20</sup> 1,218	998	7,383	12,226	4,843
Watchcases.....	1937	29	2,451	3,150	4,182	10,358	6,176
	1935	20	2,016	2,329	2,776	6,983	4,206
	1933	20	1,169	1,006	760	2,657	1,897
	1931	31	1,669	1,707	1,361	4,219	2,858
Machinery, not including transportation equipment, total.	1937	9,961	955,975	1,375,506	2,424,495	5,891,599	3,467,105
	<sup>33</sup> 1935	10,114	687,465	800,020	1,405,792	3,492,701	2,086,999
	<sup>33</sup> 1933	8,442	470,580	444,567	724,217	1,857,842	1,163,625
	<sup>33</sup> 1931	11,468	695,297	797,510	1,218,187	3,415,078	2,196,892
Agricultural implements (including tractors).	1937	262	77,512	121,861	280,514	564,778	278,265
	1935	241	62,800	64,321	140,249	291,254	151,005
	<sup>34</sup> 1933	194	19,264	18,562	29,006	64,951	35,945
	<sup>34</sup> 1931	250	29,245	32,265	69,782	168,318	98,536
Cash registers, adding and calculating machines, and other business machines except typewriters.	1937	87	23,630	37,422	21,245	138,071	116,826
	1935	93	18,468	23,696	13,911	94,739	80,828
	<sup>35</sup> 1933	73	12,448	14,926	7,849	50,831	42,932
	<sup>35</sup> 1931	41	12,176	14,982	5,260	56,474	51,205
Cranes, and dredging, excavating, and road-building machinery. <sup>36</sup>	1937	158	18,800	28,151	64,193	138,848	74,656
	1935	128	10,808	12,572	29,010	62,860	33,850
Electrical machinery, apparatus, and supplies.	1937	1,435	257,660	355,959	642,867	1,622,098	979,232
	1935	1,393	170,641	198,046	372,001	960,430	588,430
	1933	1,209	180,857	115,750	212,514	553,431	340,918
	1931	1,379	180,166	204,488	337,125	995,010	657,886
Engines, turbines, water wheels and windmills.	1937	130	32,855	50,838	86,601	194,695	108,094
	1935	149	22,082	26,845	43,206	99,996	56,790
	<sup>34</sup> 1933	153	15,411	14,853	23,436	56,619	33,183
	<sup>34</sup> 1931	173	22,414	26,075	44,977	100,933	64,956
Machine-shop products <sup>37</sup> .....	1937	2,957	109,245	155,337	262,142	652,751	390,609
	1935	3,026	82,474	97,454	174,184	418,054	243,870
	1933	2,895	70,647	60,392	104,760	274,568	169,808

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>30</sup> Revised; revision not carried into group total.

<sup>33</sup> The figures for 1935 and 1933 have been revised by excluding figures for the "Boiler-shop products" and "Foundry products (gray-iron and malleable-iron)" industries which have been transferred to "Iron and steel and their products, except machinery" group. The figures for 1931 have not been revised as there are no figures available for these industries for 1931.

<sup>34</sup> Beginning 1935 figures for tractors excluded from "Engines, turbines, water wheels, and windmills" and included with "Agricultural implements (including tractors)." The 1933 and 1931 figures for these industries have been revised accordingly.

<sup>35</sup> Manufacturers of duplicating machines, check-writing machines, and manifold machines, now classified in this industry, prior to 1935 were assigned to the abandoned industry "Foundry and machine-shop products." Figures for 1933 have been revised accordingly, but no revision has been made for 1931.

<sup>36</sup> New industry at the census for 1935; formerly a part of the abandoned industry classification "Foundry and machine-shop products." No figures available for earlier years.

<sup>37</sup> No figures available for 1931; included with those for the abandoned industry "Foundry and machine-shop products" for 1931.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 to 1937—Continued

GROUP OR INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	WAGES	COST OF MATERIALS, ETC., FUEL, PURCHASED ENERGY, AND CONTRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE <sup>2</sup>
<b>Machinery—Continued.</b>							
Machinery not elsewhere classified. <sup>3a</sup>	1937	2,298	146,712	217,737	375,047	964,151	588,504
	1935	2,532	107,285	128,895	215,000	566,605	351,593
Machine-tool accessories and machinists' precision tools.	1937	806	32,893	55,957	40,002	162,002	116,000
	1935	731	23,138	34,414	27,413	96,838	69,424
	1933	587	12,757	14,159	10,882	44,383	33,501
	1931	718	17,533	20,559	16,320	69,033	52,713
Machine tools.....	1937	292	47,266	78,284	78,115	260,243	182,123
	1935	269	28,185	37,261	36,689	121,633	85,143
	1933	232	12,714	12,596	10,844	41,434	30,589
	1931	279	21,262	25,150	21,901	81,287	59,386
Printers' machinery and equipment. <sup>3b</sup>	1937	280	13,710	22,378	20,966	78,028	57,662
	1935	238	0,884	13,582	13,131	51,560	38,429
Pumps (hand and power), pumping equipment, and air compressors.	1937	345	28,320	39,773	85,061	198,721	113,061
	<sup>30</sup> 1935	348	17,523	20,170	41,593	102,298	60,704
	<sup>30</sup> 1933	277	12,469	11,771	23,798	55,010	32,111
	<sup>30</sup> 1931	324	17,010	19,023	38,906	96,562	57,656
Radios, radio tubes, and phonographs.	1937	162	48,343	52,002	154,906	277,807	122,902
	1935	196	44,796	42,906	103,686	200,973	97,286
	1933	156	32,879	29,055	58,521	121,802	65,281
	1931	217	36,490	35,146	88,403	193,143	104,740
Refrigerators and refrigerating and ice-making apparatus.	1937	280	50,623	71,371	195,229	363,788	168,559
	1935	275	37,146	40,443	116,925	224,114	107,189
	1933	204	26,398	24,385	69,601	140,762	71,161
	1931	227	26,116	32,350	88,562	199,427	110,836
Scales and balances.....	1937	57	3,299	4,115	5,858	17,856	11,998
	1935	56	2,468	2,633	3,816	13,384	9,568
	1933	45	2,187	1,825	2,162	8,333	6,171
	1931	54	2,814	3,293	3,644	14,561	10,917
Sewing machines and attachments.	1937	36	9,019	13,551	9,003	34,836	25,833
	1935	39	7,509	9,053	6,032	22,635	16,004
	1933	30	6,313	6,034	2,862	12,926	10,064
	1931	34	8,000	8,792	6,091	20,148	14,057
Textile machinery and parts.....	1937	356	25,340	33,139	35,546	107,429	71,883
	1935	349	19,072	21,246	23,269	68,846	45,577
	1933	314	18,576	18,737	18,378	60,323	41,645
	1931	330	18,808	21,238	18,175	65,798	47,623
Typewriters and parts.....	1937	21	21,440	25,956	13,392	45,006	31,614
	1935	20	15,398	16,632	8,630	33,858	25,228
	1933	14	9,591	7,565	3,256	16,465	13,208
	1931	20	10,924	10,328	3,785	22,057	18,271

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3a</sup> New industry at the census for 1935; formerly a part of the abandoned industry classification "Foundry and machine-shop products." No figures available for earlier years.

<sup>3b</sup> New industry at the census for 1935; formerly a part of the abandoned industry classification "Foundry and machine-shop products." The figures for 1935 have been revised to exclude data for air compressors, now a part of "Pumps, pumping equipment, and air compressors." No figures available for earlier years.

<sup>3c</sup> Figures revised to include data for air compressors, classified in "Machinery not elsewhere classified" at the census for 1935 and in the abandoned industry "Foundry and machine-shop products" in previous years.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Machinery—Continued.</b>							
Washing machines, wringers, driers, and ironing machines, for household use.	1937	40	9,302	11,675	41,208	60,889	28,680
	1935	41	8,742	9,852	37,041	62,425	25,384
	1933	41	6,956	6,303	24,361	44,542	20,181
	1931	59	6,201	6,201	24,521	50,929	26,408
Foundry and machine-shop products, not elsewhere classi- fied. <sup>40</sup>	1933	2,018	80,813	81,045	121,987	340,564	218,577
	1931	7,363	286,108	330,660	460,726	1,272,399	821,673
Transportation equipment, air, land, and water, total. <sup>41</sup>	1937	1,942	623,845	907,231	4,099,756	5,985,889	1,886,134
	1935	1,813	476,971	651,954	2,983,095	4,290,117	1,307,053
	1933	1,505	303,402	316,433	1,286,619	2,047,210	700,592
	1931	1,999	369,600	464,130	1,729,837	2,881,866	1,152,010
Aircraft and parts.....	1937	92	24,003	33,353	38,805	106,568	67,763
	1935	79	11,384	14,893	14,361	45,347	30,986
	1933	64	7,816	10,308	7,987	26,460	18,503
	1931	101	9,870	15,481	13,101	40,278	27,177
Carriages, wagons, sleighs, and sleds.	1937	43	1,823	1,723	4,633	9,138	4,505
	1935	45	1,592	1,284	3,633	6,845	3,102
	1933	53	1,409	922	2,350	4,753	2,402
	1931	70	1,321	1,169	2,494	5,160	3,669
Cars, electric and steam railroad, not built in railroad repair shops.	1937	154	40,466	59,276	226,505	335,322	108,817
	1935	150	21,481	25,750	61,732	100,542	38,810
	1933	138	14,266	14,710	27,311	48,148	18,837
	1931	152	18,786	25,553	59,764	99,657	39,903
Locomotives, railroad, mining, and industrial, not built in railroad repair shops.	1937	13	9,000	14,845	39,260	72,123	32,857
	1935	14	3,790	3,972	9,493	17,383	7,890
	1933	13	2,374	1,863	4,266	6,927	2,661
	1931	16	5,443	5,590	14,871	22,119	7,248
Motorcycles, bicycles, and parts.	1937	29	6,938	8,207	19,793	36,044	16,251
	1935	23	5,093	5,214	12,813	23,086	10,273
	1933	19	3,038	2,039	6,162	12,055	5,894
	1931	19	3,294	3,563	5,520	13,697	8,177
Motor-vehicle bodies and motor- vehicle parts.	1937	936	284,814	430,940	1,275,073	2,080,018	804,045
	1935	825	240,757	328,375	1,005,059	1,550,924	545,806
	1933	701	145,745	148,322	437,186	750,084	318,849
	1931	940	150,649	193,770	516,945	945,407	428,401
Motor vehicles, not including motorcycles.	1937	131	194,527	316,141	2,394,269	3,096,219	701,949
	1935	121	147,044	217,039	1,814,814	2,391,090	576,276
	1933	122	97,869	103,755	767,708	1,096,946	328,178
	1931	178	134,866	156,750	1,044,406	1,567,520	523,120
Ship and boat building, steel and wooden, including repair work.	1937	544	62,274	93,747	101,411	250,457	149,046
	1935	556	44,830	55,422	61,109	154,900	93,790
	1933	395	30,885	33,890	31,172	92,096	61,524
	1931	518	45,262	62,028	72,322	186,993	114,071

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.  
<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>30</sup> Revised; revision not carried into group total.

<sup>40</sup> This industry abandoned as a separate classification at the census for 1935; divided into 6 industries. The 1933 and 1931 figures were not in all cases assigned to the industry classifications.

<sup>41</sup> Excludes figures for "Carriages and sleds, children's." See "Miscellaneous industries" group.

<sup>42</sup> Manufacturers of lunch wagons, classified in this industry prior to 1933, are now assigned to "Planing-mill products" industry in "Forest products" group. These figures have been revised for comparison with later years.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Miscellaneous industries, total.....	1937	10, 077	355, 164	366, 083	1, 633, 610	2, 712, 042	1, 078, 422
	<sup>43</sup> 1935	11, 211	310, 140	284, 628	1, 844, 995	2, 227, 258	882, 263
	<sup>43</sup> 1933	8, 095	262, 583	205, 842	1, 005, 854	1, 688, 621	682, 766
	<sup>43</sup> 1931	11, 781	302, 672	305, 625	1, 285, 776	2, 322, 890	1, 037, 113
Musical instruments, total.....	1937	187	11, 971	14, 089	17, 161	43, 265	26, 104
	1935	192	8, 805	8, 788	10, 188	26, 633	16, 448
	1933	170	6, 106	5, 097	5, 424	15, 715	10, 202
	1931	230	10, 003	11, 152	10, 762	32, 207	21, 445
Organs.....	1937	84	1, 086	1, 235	1, 474	4, 637	3, 163
	1935	28	614	611	592	1, 699	1, 107
	1933	29	674	510	337	1, 627	1, 240
	1931	42	1, 460	1, 733	1, 627	5, 710	4, 083
Pianos.....	1937	38	5, 698	7, 062	9, 767	21, 703	11, 936
	1935	36	4, 110	4, 089	5, 606	12, 688	7, 082
	1933	36	2, 700	2, 382	2, 828	7, 243	4, 415
	1931	50	4, 737	5, 157	5, 892	15, 293	9, 401
Piano and organ parts and materials.	1937	32	1, 778	1, 716	2, 114	4, 978	2, 864
	1935	34	1, 217	1, 029	1, 224	3, 186	1, 902
	1933	38	768	527	584	1, 732	1, 148
	1931	50	1, 213	1, 178	1, 005	3, 090	2, 086
Musical instruments and parts and materials, not elsewhere classified.	1937	83	3, 409	4, 075	3, 800	11, 948	8, 141
	1935	94	2, 894	3, 010	2, 765	9, 060	6, 295
	1933	72	2, 064	1, 678	1, 024	5, 114	3, 490
	1931	88	2, 593	3, 053	2, 288	8, 114	5, 876
Tobacco manufactures, total.....	1937	852	92, 158	70, 291	<sup>44</sup> 947, 628	1, 272, 688	325, 050
	1935	890	90, 543	59, 448	<sup>44</sup> 809, 025	1, 063, 400	284, 375
	1933	804	87, 325	50, 933	<sup>44</sup> 659, 095	909, 082	249, 937
	1931	1, 228	99, 769	69, 411	<sup>44</sup> 785, 502	1, 155, 851	370, 349
Cigarettes.....	1937	34	26, 149	24, 182	<sup>44</sup> 771, 522	968, 027	197, 405
	1935	29	24, 447	18, 315	<sup>44</sup> 641, 313	800, 090	165, 377
	1933	27	22, 544	13, 835	<sup>44</sup> 503, 560	637, 776	134, 216
	1931	40	20, 146	14, 064	<sup>44</sup> 555, 049	759, 389	204, 340
Cigars.....	1937	693	55, 879	37, 522	<sup>44</sup> 87, 341	109, 237	81, 895
	1935	746	56, 019	35, 503	<sup>44</sup> 77, 814	151, 265	73, 451
	1933	665	54, 558	30, 061	<sup>44</sup> 72, 589	139, 372	66, 783
	1931	1, 063	68, 182	46, 074	<sup>44</sup> 119, 295	227, 349	108, 054
Tobacco (chewing and smoking) and snuff.	1937	125	10, 130	8, 587	<sup>44</sup> 88, 766	134, 524	45, 759
	1935	115	10, 077	7, 626	<sup>44</sup> 89, 898	135, 445	45, 547
	1933	112	10, 223	7, 037	<sup>44</sup> 82, 946	131, 935	48, 988
	1931	125	11, 441	8, 703	<sup>44</sup> 111, 158	169, 113	57, 955
Other industries, total.....	1937	9, 038	251, 035	281, 703	668, 820	1, 306, 089	727, 269
	<sup>43</sup> 1935	10, 129	210, 792	216, 442	525, 732	1, 107, 224	584, 442
	<sup>43</sup> 1933	7, 721	169, 154	149, 812	341, 336	763, 823	422, 487
	<sup>43</sup> 1931	10, 323	192, 000	<sup>20</sup> 225, 278	489, 512	1, 134, 832	645, 320
Artificial and preserved flowers and plants.	1937	189	5, 657	3, 803	6, 175	14, 378	8, 202
	1935	190	3, 206	2, 609	3, 383	8, 904	5, 611
	1933	131	2, 338	1, 567	2, 481	6, 445	3, 984
	1931	158	2, 348	2, 140	3, 415	9, 035	5, 620

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> Revised; revision not carried into group total.

<sup>4</sup> Revised to include data for "Carriages and sleds, children's" industry. Until the census for 1937 this industry was included in "Transportation equipment, air, land, and water" group.

<sup>4</sup> Amount of internal-revenue tax paid by tobacco, cigar, and cigarette manufacturers included to avoid inflating "Value added by manufacture."

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
1931 to 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Miscellaneous industries—Con.</b>							
Artists' materials.....	1937	40	372	403	1,282	2,783	1,501
	1935	47	350	393	1,220	2,431	1,202
	1933	38	265	259	959	2,137	1,148
	1931	45	328	308	1,211	2,544	1,383
Beauty-shop equipment, except furniture. <sup>45</sup>	1937	73	2,548	2,480	5,334	13,571	8,238
	1935	82	2,179	1,968	5,059	12,525	7,466
Brooms.....	1937	289	4,067	2,906	6,301	11,628	5,327
	1935	348	4,158	3,072	7,515	14,398	6,824
	1933	260	3,767	2,111	4,601	9,073	4,472
	1931	334	4,086	10 3,326	6,264	13,135	6,871
Brushes, other than rubber.....	1937	243	7,915	7,250	24,110	44,537	20,420
	1935	250	6,818	6,007	18,867	42,091	23,234
	1933	221	5,800	4,821	12,200	24,576	12,376
	1931	264	5,891	5,992	14,228	30,827	10,000
Buttons.....	1937	291	12,026	9,256	13,573	31,291	17,713
	1935	297	10,288	8,151	11,275	28,031	16,756
	1933	200	9,888	6,706	8,614	22,412	13,798
	1931	212	8,224	6,661	8,303	21,525	13,221
Carbon paper and inked ribbons.	1937	50	1,627	1,991	9,173	17,890	8,681
	1935	56	1,425	1,629	7,592	14,695	7,193
	1933	47	1,171	1,243	5,157	11,225	6,069
	1931	54	1,198	1,463	6,034	13,476	7,442
Carriages and sleds, children's....	1937	54	5,218	5,415	9,960	19,655	9,696
	1935	55	4,918	4,360	7,432	15,511	8,080
	1933	46	3,971	2,877	5,671	10,085	5,314
	1931	59	4,159	4,479	7,091	16,769	9,879
Dentists' equipment and sup- plies.	1937	101	4,674	5,347	12,717	30,879	18,162
	1935	87	3,516	3,631	9,145	22,068	13,823
	1933	79	3,120	2,452	6,945	16,437	9,452
	1931	84	3,874	3,949	9,362	24,005	14,643
Feathers, plumes, and manu- factures thereof.	1937	61	559	437	1,193	2,320	1,126
	1935	73	573	423	612	1,646	1,034
	1933	40	322	265	227	835	808
	1931	53	527	559	588	1,898	1,310
Foundry supplies.....	1937	51	466	592	4,739	8,626	3,886
	1935	46	400	446	3,446	6,519	3,074
	1933	40	334	315	1,326	2,788	1,462
	1931	52	428	492	2,080	3,098	1,918
Fur goods—regular factories <sup>46</sup> ....	1937	1,590	12,798	21,369	106,206	154,971	48,765
Fur goods—contract factories <sup>46</sup> ....	1937	52	154	191	138	634	495
Fur goods <sup>46</sup> .....	1935	2,438	12,510	21,040	90,992	143,784	52,793
	1933	1,463	8,210	11,500	50,061	80,524	30,444
	1931	2,354	12,368	24,793	102,634	164,749	62,115

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>3</sup> Revised; revision not carried into group total.

<sup>45</sup> New classification at the census for 1935; no comparable figures available for earlier years.

<sup>46</sup> At the census for 1937 the industry "Fur goods" was separated into two industries, "Fur goods—regular factories" and "Fur goods—contract factories." Because of the fact that some establishments lose their identity during a 2-year period through change of name, ownership, and location, and, therefore, may be missed by a canvass made largely by mail, the 1937 figures for this industry are not complete and are not comparable with the figures for the "Fur goods" industry for prior years.



No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
Miscellaneous industries—Con.							
Furs, dressed and dyed.....	1937	121	6,343	8,335	6,449	21,763	15,314
	1935	167	6,434	7,561	7,007	21,340	14,333
	1933	181	5,364	6,246	9,540	24,948	15,408
	1931	243	5,160	7,968	16,221	37,873	21,652
Hair work.....	1937	35	434	374	942	2,440	1,507
	1935	43	602	438	1,064	2,738	1,674
	1933	37	228	188	306	956	679
	1931	52	267	288	311	1,184	874
Hand stamps and stencils and brands.	1937	266	2,375	2,929	3,047	10,386	7,339
	1935	277	2,255	2,532	2,760	9,338	6,588
	1933	256	2,196	2,062	1,855	7,637	5,782
	1931	288	2,496	3,371	2,395	10,045	7,651
Instruments and apparatus, pro- fessional, scientific, commer- cial, and industrial. <sup>47</sup>	1937	283	17,399	23,543	29,684	96,013	66,329
	1935	283	15,216	17,573	20,714	68,344	47,630
	1933	241	8,894	9,183	9,586	35,915	26,322
	1931	302	13,341	15,912	15,953	50,447	43,495
Jewelry and instrument cases....	1937	91	4,788	3,692	4,800	12,202	7,343
	1935	74	2,629	2,252	2,602	7,156	4,553
	1933	62	1,095	841	1,134	3,096	1,961
	1931	92	1,398	1,415	1,941	4,919	2,978
Lapidary work.....	1937	51	217	306	3,343	4,391	1,048
	1935	60	163	201	1,244	2,050	806
	1933	34	107	124	483	823	340
	1931	53	205	340	1,378	2,475	1,007
Mattresses and bed springs not elsewhere classified.	1937	839	19,165	19,811	63,190	113,120	49,929
	1935	824	15,404	14,668	48,949	84,811	35,862
	1933	645	13,280	10,694	32,491	59,724	27,233
	1931	781	13,622	14,702	37,509	77,598	39,999
Miscellaneous articles not else- where classified.	1937	595	15,854	12,905	24,156	54,404	30,248
	1935	666	14,452	12,025	21,492	50,353	28,861
	1933	574	13,435	9,894	16,644	41,811	25,167
	1931	732	14,545	13,690	23,217	57,050	33,833
Models and patterns, not includ- ing paper patterns.	1937	594	5,728	9,762	4,142	22,289	18,147
	1935	582	4,104	6,128	3,244	15,297	12,053
	1933	422	2,795	3,525	1,483	8,627	7,145
	1931	640	4,332	7,378	2,787	16,192	13,405
Optical goods.....	1937	96	11,998	14,465	14,432	47,461	33,029
	1935	100	9,067	10,333	11,114	33,600	22,486
	1933	103	7,598	7,300	8,155	29,214	18,059
	1931	102	7,446	8,756	7,524	27,887	20,364
Paving materials: Blocks (except brick and stone) and mixtures.	1937	148	1,946	2,419	14,605	25,289	10,683
	1935	132	2,231	2,514	9,984	17,885	7,901
	1933	93	1,151	1,215	6,287	10,950	4,663
	1931	97	1,081	1,556	8,587	16,003	7,416

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>4</sup> Revised; revision not carried into subgroup or group total.

<sup>47</sup> Manufacturers of gas and water meters, prior to 1935, assigned to "Meters (gas, water, etc.) and gas generators" industry in "Machinery, except transportation equipment" group, are now classified in this industry. The figures for years prior to 1935 have been revised accordingly, but the revision has not been carried into the total for the group and subgroup.

<sup>48</sup> Revised to include figures for "Combs and hairpins not made of metal or of rubber" industry, abandoned as a separate classification.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earn- ers (aver- age for the year)	WAGES	COST OF MATE- RIALS, FUEL, ETC., PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Miscellaneous industries—Con.</b>							
Pencils, lead (including mechanical), and crayons.	1937	46	5,776	5,216	9,866	22,430	12,564
	1935	47	5,182	4,236	8,255	19,999	11,744
	1933	43	4,048	3,167	5,134	14,394	9,260
	1931	46	3,969	3,700	6,128	17,237	11,106
Pens, fountain and stylographic; pen points, gold, steel, and brass.	1937	42	4,343	4,352	7,985	21,828	14,443
	1935	51	3,780	3,428	5,796	17,888	12,091
	1933	54	3,099	2,341	4,124	11,598	7,473
	1931	68	3,945	4,364	7,219	23,799	16,579
Photographic apparatus and materials and projection apparatus.	1937	109	18,450	28,876	36,653	115,888	79,235
	1935	118	12,000	15,807	26,150	73,966	47,817
	1933	84	8,975	10,155	11,985	53,860	41,875
	1931	110	10,609	13,082	20,868	79,507	58,639
Pipes (tobacco)-----	1937	25	2,382	2,413	2,523	7,047	5,124
	1935	29	2,240	2,283	2,019	6,176	4,158
	1933	22	1,362	1,145	960	3,274	2,314
	1931	24	1,677	1,761	1,776	5,522	3,747
Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.	1937	111	7,418	9,520	62,644	102,562	39,917
	1935	108	6,478	6,685	44,525	76,173	31,847
	1933	74	4,418	4,436	23,893	44,833	20,040
	1931	88	4,123	5,331	32,706	58,963	26,257
Signs and advertising novelties.	1937	1,001	16,042	19,181	27,754	75,723	47,969
	1935	1,075	13,712	14,932	21,920	61,362	39,442
	1933	848	12,044	11,577	15,312	47,144	31,832
	1931	1,078	14,463	18,485	21,297	74,681	53,334
Soda fountains and related products.	1937	51	1,655	2,549	6,263	13,033	6,770
	1935	48	1,096	1,436	4,171	8,214	4,043
	1933	40	816	948	2,649	6,035	3,386
	1931	47	1,563	2,190	5,236	14,606	9,370
Sporting and athletic goods, not including firearms or ammunition.	1937	204	11,392	11,730	21,857	44,461	22,603
	1935	196	9,665	9,018	16,720	34,864	18,143
	1933	176	8,215	6,523	10,570	25,267	14,693
	1931	217	10,176	11,219	20,099	49,257	29,159
Stationery goods not elsewhere classified. <sup>4b</sup>	1933	86	3,467	2,738	6,813	14,241	7,423
	1931	128	5,088	5,345	12,211	27,196	14,985
Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.	1937	125	5,934	6,930	15,048	32,554	17,506
	1935	124	4,774	4,742	11,768	24,258	12,491
	1933	118	4,285	3,785	8,728	19,300	10,661
	1931	131	4,120	4,545	10,253	22,047	12,394
Surgical and orthopedic appliances and related products.	1937	323	8,423	8,546	45,031	77,068	32,037
	1935	307	7,089	6,288	39,144	61,764	25,620
	1933	250	6,958	6,119	28,846	51,442	22,596
	1931	325	6,740	7,271	22,954	51,012	28,058
Theatrical scenery and stage equipment.	1937	50	397	489	1,189	2,678	1,489
	1935	48	279	437	751	1,937	1,186
	1933	40	312	397	617	2,044	1,427
	1931	45	305	649	1,213	3,003	1,784

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not, except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

<sup>4</sup> Revised; revision not carried into subgroup or group total.

<sup>4b</sup> Abandoned as a separate classification in 1935, now assigned to other industries.

<sup>5b</sup> Revised to exclude data for establishments manufacturing mineral wool as a primary product, such establishments having been transferred to "Wallboard and plaster (except gypsum), building insulation, and floor composition" industry in "Stone, clay, and glass products" group. Revision not carried into total for group or subgroup.

No. 830.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS AND INDUSTRIES:  
 1931 TO 1937—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earnors (average for the year)	WAGES	COST OF MATE- RIALS, ETC., FUEL, PUR- CHASED ENERGY, AND CON- TRACT WORK <sup>1</sup>	VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE <sup>2</sup>
<b>Miscellaneous industries—Con.</b>							
Toys (not including children's wheel goods or sleds), games, and playground equipment.	1937	344	17,847	15,020	28,812	63,856	35,044
	1935	354	15,375	12,129	23,985	52,156	28,222
	1933	285	12,484	8,877	17,119	37,222	20,103
	1931	380	13,231	12,880	21,615	53,601	32,036
Umbrellas, parasols, and canes...	1937	81	3,088	2,572	8,042	13,237	5,166
	1935	83	2,186	1,712	6,159	10,086	3,927
	1933	80	2,155	1,531	4,972	8,259	3,257
	1931	93	1,852	1,611	5,136	9,115	3,979
Window shades (textile and paper), and fixtures.	1937	304	3,166	3,173	13,294	23,574	10,280
	1935	319	2,990	2,710	12,223	20,324	8,101
	1933	312	2,903	2,294	9,115	16,170	7,055
	1931	448	3,119	3,313	11,198	20,562	9,304
Wool pulling.....	1937	19	794	1,064	12,695	16,651	3,956
	1935	17	866	975	9,065	12,403	3,538
	1933	16	678	670	7,087	10,228	3,138
	1931	14	640	915	5,359	7,378	2,019

<sup>1</sup> Figures for 1937 and 1935 include cost of contract work; those for 1933 and 1931 do not; except as noted.

<sup>2</sup> Value added by manufacture calculated for 1937 and 1935 by subtracting cost of materials, etc., fuel, purchased energy, and contract work from value of products; for 1933 and 1931 figures for contract work are not available except for a few industries.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 831.—MANUFACTURES—SUMMARY, BY STATES: 1935 AND 1937

[See general note, p. 802]

Census year	Number of establishments	Salaried officers and employees <sup>1</sup>	Wage earners (average for the year) <sup>1</sup>	SALARIES	WAGES	COST OF MATERIALS, ETC., FUEL, FEED, CHANGED ENERGY, AND CONTRACT WORK <sup>2</sup>	VALUE OF PRODUCTS <sup>3</sup>	VALUE ADDED BY MANUFACTURE <sup>4</sup>	
									In thousands of dollars
United States..	1937	166,794	1,217,171	8,569,231	2,716,866	10,112,893	35,539,333	60,712,872	25,178,639
	1935	167,916	1,058,501	7,203,794	2,253,425	7,311,329	26,441,145	44,993,699	18,592,853
<b>GEOGRAPHIC DIVS.</b>									
New England.....	1937	15,568	131,740	1,022,350	294,813	1,133,392	2,622,600	5,109,918	2,487,258
	1935	15,180	120,129	902,668	255,348	882,428	2,020,877	3,931,000	1,901,123
Middle Atlantic.....	1937	40,897	378,730	2,386,743	882,022	2,938,510	9,256,477	16,599,776	7,343,298
	1935	53,200	337,748	2,060,784	757,204	2,199,623	7,010,885	12,502,542	5,851,031
East North Central..	1937	36,773	380,686	2,571,131	876,111	3,505,787	17,523,928	19,970,059	8,446,131
	1935	36,907	319,114	2,082,293	682,681	2,400,013	9,295,627	14,353,520	6,057,899
West North Central.	1937	13,834	76,559	406,176	153,687	457,489	5,762,949	4,091,727	1,828,778
	1935	13,892	70,185	345,752	136,072	343,978	2,257,855	3,308,119	1,050,134
South Atlantic.....	1937	15,751	84,029	991,825	176,843	836,180	3,285,204	5,403,450	2,116,245
	1935	15,219	71,689	856,446	147,930	625,845	3,491,453	4,025,611	1,534,183
East South Central..	1937	6,681	34,193	370,412	60,757	297,939	1,186,135	1,977,318	791,183
	1935	6,382	30,135	303,955	58,462	214,281	868,172	1,440,201	581,020
West South Central.	1937	8,579	41,492	272,389	90,350	251,833	1,377,111	2,008,027	815,916
	1935	8,182	34,731	214,213	65,828	177,932	1,332,051	1,892,782	590,727
Mountain.....	1937	3,683	13,784	78,774	27,032	66,107	390,194	928,951	289,787
	1935	3,392	12,254	61,907	23,065	60,197	400,853	590,400	192,572
Pacific.....	1937	16,025	75,953	499,431	155,862	597,006	2,352,673	3,938,647	1,555,972
	1935	14,895	62,610	369,696	126,745	401,030	1,748,202	2,871,457	1,123,265
<b>New England:</b>									
Maine.....	1937	1,171	6,432	75,464	13,452	72,263	197,526	348,636	151,111
	1935	1,189	6,067	68,603	12,141	58,027	154,515	271,731	117,216
New Hampshire.....	1937	794	4,819	56,517	10,473	55,235	144,323	249,632	105,309
	1935	775	4,688	53,833	9,154	47,812	116,857	207,001	90,734
Vermont.....	1937	653	2,871	23,682	6,088	24,616	58,772	111,876	53,104
	1935	600	2,498	18,870	5,014	17,598	41,323	80,847	39,520
Massachusetts.....	1937	8,619	68,204	496,036	154,043	556,077	1,364,259	2,620,789	1,256,490
	1935	8,266	62,677	437,459	136,377	438,411	1,084,175	2,000,445	976,871
Rhode Island.....	1937	1,409	12,384	108,031	28,872	112,933	276,739	517,196	240,458
	1935	1,420	11,132	100,852	24,921	94,322	225,690	411,880	189,296
Connecticut.....	1937	2,892	37,030	262,620	81,936	312,270	581,002	1,261,789	680,787
	1935	2,820	33,067	223,041	67,741	226,253	407,618	809,401	491,483
<b>Middle Atlantic:</b>									
New York.....	1937	29,749	188,616	995,658	438,861	1,236,048	3,998,266	7,314,447	3,316,180
	1935	33,569	173,400	878,522	390,068	901,676	3,307,515	5,063,860	2,650,335
New Jersey.....	1937	7,064	67,496	436,745	160,526	523,504	1,890,639	3,253,243	1,302,708
	1935	7,425	59,037	373,522	136,686	391,924	1,382,469	2,407,323	1,024,855
Pennsylvania.....	1937	13,084	122,618	954,340	283,014	1,176,957	3,367,673	6,032,083	2,664,410
	1935	12,926	105,251	814,670	230,540	816,022	2,320,901	4,191,369	1,870,467
<b>E. North Central:</b>									
Ohio.....	1937	9,138	104,016	694,205	242,874	957,650	2,793,160	5,099,817	2,306,627
	1935	9,142	88,593	579,522	192,606	665,855	2,005,768	3,680,904	1,656,130
Indiana.....	1937	3,939	43,581	313,342	93,480	402,117	1,478,598	2,497,548	1,018,980
	1935	3,017	37,086	248,196	73,708	257,802	1,040,284	1,649,530	703,246
Illinois.....	1937	11,764	118,256	668,841	273,835	862,793	2,085,247	5,304,238	2,319,036
	1935	12,018	99,214	525,045	215,042	681,888	2,131,031	3,743,099	1,612,099
Michigan.....	1937	5,614	76,219	660,676	183,414	966,841	3,204,438	5,289,101	2,091,663
	1935	5,424	60,246	531,658	132,698	601,866	2,428,069	3,936,178	1,563,119
Wisconsin.....	1937	6,318	33,614	234,067	82,507	296,365	1,062,486	1,772,310	709,824
	1935	6,286	33,976	199,972	67,637	204,201	784,486	1,313,815	529,329
<b>W. North Central:</b>									
Minnesota.....	1937	3,218	17,424	89,925	35,923	107,393	624,566	937,468	312,898
	1935	3,701	16,751	76,241	32,737	77,974	500,843	746,351	245,507
Iowa.....	1937	2,454	13,886	67,878	25,490	76,193	473,395	706,458	236,004
	1935	2,467	12,277	56,541	21,604	55,483	398,718	575,371	176,693
Missouri.....	1937	4,251	29,843	136,831	64,001	202,886	944,988	1,505,368	509,398
	1935	4,379	27,193	157,693	56,577	163,785	742,709	1,183,637	440,028
North Dakota.....	1937	340	830	2,854	1,433	3,192	35,571	46,837	10,266
	1935	320	831	2,551	1,337	2,742	32,355	41,338	8,076
South Dakota.....	1937	434	1,281	4,970	2,198	5,485	52,897	67,276	14,380
	1935	403	1,188	4,400	1,949	4,398	44,722	56,028	11,305
Nebraska.....	1937	1,071	4,809	19,569	9,049	22,126	215,077	282,502	67,424
	1935	1,140	4,810	17,855	8,708	18,120	189,332	247,727	58,395
Kansas.....	1937	1,526	8,387	34,128	15,694	40,513	416,469	543,807	127,348
	1935	1,492	7,185	30,481	13,100	31,518	349,304	457,076	108,371

For footnotes, see p. 840.

## No. 831.—MANUFACTURES—SUMMARY, BY STATES: 1935 and 1937—Con.

Census year	Number of establishments	Salaried officers and employees <sup>1</sup>	Wage earners (average for the year) <sup>1</sup>	SALARIES	WAGES	COST OF MATERIALS, ETC., FUEL, PURCHASED ENERGY, AND CONTRACT WORK <sup>2</sup>	VALUE OF PRODUCTS <sup>2</sup>	VALUE ADDED BY MANUFACTURE <sup>3</sup>	
									In thousands of dollars
<b>South Atlantic:</b>									
Delaware.....	1937	359	2,670	21,052	6,329	22,992	65,980	124,884	58,404
	1935	339	2,232	16,532	4,703	15,259	46,604	83,015	36,411
Maryland.....	1937	2,683	18,436	145,932	40,787	156,995	666,027	1,095,863	430,836
	1935	2,679	15,482	117,245	32,516	108,282	444,919	741,608	296,889
Dist. of Columbia.	1937	469	5,043	8,714	9,521	12,848	31,451	74,108	42,657
	1935	490	3,986	8,115	8,778	11,953	28,884	66,232	37,343
Virginia.....	1937	2,384	11,791	132,643	25,388	112,774	572,874	908,222	335,848
	1935	2,241	10,238	113,654	21,269	86,377	450,500	697,530	247,029
West Virginia.....	1937	1,057	8,061	83,464	18,295	102,511	257,752	480,526	222,774
	1935	1,027	6,680	74,180	14,492	76,650	198,820	366,574	167,754
North Carolina.....	1937	2,896	13,139	258,771	29,050	189,265	908,903	1,384,738	475,834
	1935	2,699	12,082	227,100	25,595	148,922	735,018	1,103,911	368,893
South Carolina.....	1937	1,193	5,434	129,748	11,841	91,792	234,433	409,912	175,478
	1935	1,121	4,808	108,558	10,163	65,946	184,618	297,156	112,538
Georgia.....	1937	2,875	12,540	159,496	23,629	110,501	439,145	708,652	269,597
	1935	2,834	10,546	139,650	20,245	81,495	327,406	514,655	187,249
Florida.....	1937	1,835	6,897	62,005	12,003	36,501	113,138	217,045	103,997
	1935	1,889	5,635	51,412	10,179	30,961	74,683	154,930	80,247
<b>E. South Central:</b>									
Kentucky.....	1937	1,624	8,801	68,998	18,298	66,249	323,002	504,897	181,806
	1935	1,621	8,066	60,809	17,423	63,058	284,289	450,676	166,336
Tennessee.....	1937	2,083	13,359	135,073	27,241	109,248	412,360	707,987	295,927
	1935	1,991	11,002	112,434	22,015	81,246	302,432	520,969	218,387
Alabama.....	1937	1,874	8,832	120,301	18,511	96,058	336,328	573,764	237,436
	1935	1,711	7,417	94,345	14,201	60,643	210,842	357,226	146,584
Mississippi.....	1937	1,100	3,206	46,040	5,708	26,384	114,446	190,671	76,225
	1935	1,059	2,750	36,867	4,823	19,334	70,809	120,330	49,521
<b>W. South Central:</b>									
Arkansas.....	1937	1,048	3,251	37,280	6,095	24,734	99,089	164,676	65,587
	1935	1,066	2,915	29,076	5,181	17,328	74,108	110,341	45,233
Louisiana.....	1937	1,684	9,045	76,057	18,919	60,203	380,984	580,840	199,586
	1935	1,611	8,359	61,064	15,659	44,982	290,577	433,520	142,943
Oklahoma.....	1937	1,428	6,042	29,551	12,066	34,390	255,470	366,089	110,618
	1935	1,335	5,306	24,349	10,122	24,521	203,258	280,676	77,418
Texas.....	1937	4,422	22,554	129,501	43,280	132,505	1,141,568	1,581,422	459,854
	1935	4,167	18,151	99,124	34,867	90,202	764,118	1,059,245	295,128
<b>Mountain:</b>									
Montana.....	1937	515	1,952	11,268	3,936	15,758	134,041	176,279	42,238
	1935	478	1,581	8,725	3,177	10,592	92,863	122,430	29,568
Idaho.....	1937	533	1,319	12,797	2,485	16,250	63,633	101,325	37,691
	1935	455	1,176	9,635	2,050	10,738	41,319	64,988	23,668
Wyoming.....	1937	235	824	3,795	1,711	5,210	33,028	49,129	16,191
	1935	209	682	3,172	1,387	4,072	29,692	42,192	12,600
Colorado.....	1937	1,233	5,197	25,932	10,299	31,753	145,735	237,838	92,103
	1935	1,160	4,763	20,858	8,746	21,530	107,762	171,350	63,588
New Mexico.....	1937	241	506	3,683	768	2,922	11,485	20,599	9,114
	1935	197	404	2,827	718	2,233	7,812	13,573	5,761
Arizona.....	1937	290	1,288	7,193	2,823	8,602	84,721	118,356	33,635
	1935	272	1,000	4,748	2,207	5,034	39,283	55,456	19,173
Utah.....	1937	552	2,448	13,094	4,575	14,479	156,911	204,857	47,946
	1935	538	2,420	10,808	4,280	10,304	80,263	114,167	33,899
Nevada.....	1937	84	250	1,012	434	1,625	9,638	20,568	10,930
	1935	83	228	1,224	490	1,694	7,984	15,303	7,319
<b>Pacific:</b>									
Washington.....	1937	3,057	13,008	101,260	26,589	128,472	380,321	675,640	295,319
	1935	2,840	11,470	79,589	23,590	83,970	268,944	470,123	201,170
Oregon.....	1937	2,107	7,051	65,982	14,670	79,492	194,085	363,142	160,057
	1935	1,710	6,051	51,006	11,681	51,415	145,398	259,345	113,947
California.....	1937	10,861	55,894	392,189	114,603	389,132	1,808,269	2,899,865	1,091,597
	1935	10,345	44,995	239,101	92,475	265,645	1,333,860	2,141,900	808,130

<sup>1</sup> Does not include 173,403 employees for 1937 not classed as salaried officers or wage earners, for which no salary or wage data were collected. No data for 1935.

<sup>2</sup> See second paragraph of general note, p. 802.

<sup>3</sup> Calculated by subtracting sum of cost of materials, containers, fuel, purchased electric energy, and cost of contract work from value of products for both years.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures, 1928.

## No. 832.—MANUFACTURES—SUMMARY FOR INDUSTRIAL AREAS: 1935 AND 1937

NOTE.—The term industrial area signifies an area having as its nucleus an important manufacturing city and comprising the county in which the city is located, together with any adjoining county or counties in which there is great concentration of manufacturing industry. The industrial areas by constituent counties are as follows: Akron area—Summit County; Albany-Schenectady-Troy area—Albany, Rensselaer, and Schenectady Counties; Allentown-Bethlehem area—Lehigh and Northampton Counties; Baltimore area—Baltimore City and Baltimore County; Boston area—Essex, Middlesex, Norfolk, and Suffolk Counties; Bridgeport-New Haven-Waterbury area—Fairfield and New Haven Counties; Buffalo area—Erie and Niagara Counties; Chicago area—Cook, Du Page, Kane, Lake, and Will Counties, Ill., and Lake County, Ind.; Cincinnati area—Butler and Hamilton Counties, Ohio, and Campbell and Kenton Counties, Ky.; Cleveland area—Cuyahoga and Lorain Counties; Dayton area—Montgomery County; Detroit area—Oakland and Wayne Counties; Hartford area—Hartford County; Indianapolis area—Marion County; Kansas City area—Clay and Jackson Counties, Mo., and Wyandotte County, Kans.; Los Angeles area—Los Angeles County; Milwaukee area—Kenosha, Milwaukee, and Racine Counties; Minneapolis-St. Paul area—Dakota, Hennepin, and Ramsey Counties; New York City-Newark-Jersey 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-Camden 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. See also general note, p. 802

[All figures except number of wage earners in thousands of dollars]

AREA	WAGE EARNERS (AVERAGE FOR YEAR)		WAGES		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE	
	1935	1937	1935	1937	1935	1937	1935	1937
United States.....	7,203,794	8,569,231	7,311,329	10,112,883	44,993,699	60,712,872	18,562,553	25,173,539
Total for areas.....	4,023,833	4,768,649	4,547,403	6,251,249	27,207,880	38,279,316	11,951,021	15,443,024
Akron area.....	49,774	52,888	70,223	80,702	365,633	395,871	173,671	179,774
Albany-Schenectady- Troy area.....	37,649	44,085	39,896	57,190	205,811	304,469	111,324	153,876
Allentown-Bethlehem area.....	43,693	56,850	41,642	62,106	180,362	290,734	97,421	150,708
Baltimore area.....	84,415	105,615	83,861	124,623	613,650	925,761	249,299	352,495
Boston area.....	226,930	247,085	235,743	281,911	1,224,104	1,485,927	574,550	677,030
Bridgeport-New Haven- Waterbury area.....	122,187	146,077	124,110	173,309	520,780	761,229	286,250	396,284
Buffalo area.....	82,094	105,722	98,559	164,440	753,182	1,078,068	272,174	433,175
Chicago area.....	421,397	538,775	494,037	740,160	3,316,851	4,711,428	1,414,456	1,995,958
Cincinnati area.....	85,931	101,044	96,454	128,762	621,641	794,341	254,797	330,770
Cleveland area.....	138,310	163,319	163,394	232,570	866,370	1,210,522	402,778	570,486
Dayton area.....	34,257	47,388	45,032	72,594	204,700	315,584	121,401	185,702
Detroit area.....	330,670	406,882	465,429	648,515	2,657,006	3,409,351	1,025,648	1,304,953
Hartford area.....	55,138	70,079	59,845	89,474	216,320	314,894	135,029	194,556
Indianapolis area.....	34,244	41,254	36,097	50,356	227,681	297,483	107,419	142,475
Kansas City (Missouri and Kansas) area.....	36,608	41,410	40,209	49,867	474,050	549,273	122,373	139,767
Los Angeles area.....	94,013	128,555	105,848	164,763	838,623	1,205,280	321,288	466,080
Milwaukee area.....	99,123	120,967	113,772	172,075	599,791	871,529	286,091	395,288
Minneapolis-St. Paul area.....	46,637	55,609	49,754	69,310	432,517	533,733	166,756	205,528
New York City-Newark- Jersey City area.....	706,351	848,345	873,371	1,046,187	5,624,038	6,764,288	2,065,285	2,878,131
Philadelphia-Camden area.....	312,377	345,553	335,118	421,546	1,869,180	2,350,645	842,026	1,005,830
Pittsburgh area.....	174,717	227,675	195,232	348,702	1,032,912	1,746,908	460,352	767,357
Providence-Fall River- New Bedford area.....	141,891	158,075	127,763	167,766	526,169	670,564	251,428	316,731
Reading area.....	40,905	45,429	39,078	47,349	121,436	156,921	67,007	83,761
Rochester area.....	44,548	57,090	50,260	78,620	235,733	342,224	135,140	198,585
St. Louis area.....	115,325	140,876	120,931	171,719	875,228	1,202,719	339,117	465,275
San Francisco-Oakland area.....	76,963	88,414	91,274	122,910	825,618	1,052,363	292,289	356,821
Scranton-Wilkes-Barre area.....	33,302	33,363	26,391	28,380	105,953	133,635	55,724	65,297
Seattle-Tacoma area.....	30,631	39,103	34,263	51,202	218,823	307,401	85,963	115,586
Springfield-Holyoke area.....	39,693	46,187	41,780	67,242	192,997	258,177	98,113	132,139
Toledo area.....	37,006	41,716	44,641	59,023	201,069	334,002	126,720	142,985
Wheeling area.....	47,537	50,574	53,065	72,523	257,616	332,671	101,845	126,386
Worcester area.....	73,501	88,203	74,821	103,977	303,379	424,879	158,558	220,684
Youngstown area.....	60,034	83,251	71,704	130,626	430,437	748,362	168,570	288,420

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

## No. 833.—TEXTILE MANUFACTURES—PRODUCTION, BY KIND: 1935 AND 1937

NOTE.—In general, most of the articles 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

PRODUCT	Unit	QUANTITY (THOUSANDS OF UNIT SPECIFIED)		VALUE (THOUSANDS OF DOLLARS)	
		1935	1937	1935	1937
<b>COTTON MANUFACTURES</b>					
Total value.....				1,035,430	1,286,249
Ducks (except tire)	Sq. yard	150,371	222,814	37,110	45,452
Sheetings	do.	1,890,455	1,825,884	107,875	150,006
Drills	do.	178,698	281,809	18,029	27,482
Twills and satens	do.	265,538	343,574	31,587	41,728
Osnaburgs	do.	141,372	153,093	15,220	16,200
Print cloth	do.	1,610,281	2,121,060	100,951	133,125
Broadcloths and poplins	do.	369,074	472,791	30,087	45,241
Pajama checks and dimities	do.	22,990	45,063	1,780	4,206
Tobacco and cheesecloth and gauze	do.	641,660	902,776	12,703	17,866
Napped fabrics	do.	298,706	455,411	31,253	49,183
Blankets, all cotton, including orb (finished, not in the gray). <sup>1</sup>	do.	58,019	110,400	10,803	18,995
Blankets, part-wool, containing less than 25 percent, by weight, of wool or similar fibers. <sup>1</sup>	do.	( <sup>2</sup> )	53,905	( <sup>2</sup> )	10,535
Denims, pin stripes, pin checks, and hickory stripes	do.	206,867	245,065	33,527	38,481
Bed ticking	do.	56,574	60,104	8,047	8,550
Shirtings	do.	273,889	345,744	29,721	42,165
Ginghams (carded and combed yarn fabrics)	do.	40,560	12,173	5,210	1,400
Cottonades and other covers (except shirting covers)	do.	45,967	59,733	8,067	11,972
Voiles (combed or part-combed)	do.	32,665	48,165	2,554	3,275
Organdies and lawns (combed or part-combed)	do.	212,131	303,282	15,284	22,909
Tire fabrics	Pound	118,304	107,688	39,939	40,930
Towels, towellings, washcloths, bath mats, and terry-woven fabrics other than towels, etc. <sup>3</sup>	Sq. yard	178,463	211,812	35,197	40,774
Bedsprad fabrics	do.	49,041	57,219	8,109	9,155
Plushes, velvets, and velveteens	do.	20,693	24,432	11,942	16,207
Corduroys	do.	31,773	30,217	10,039	8,898
Cotton table damask	do.	15,341	15,910	3,320	2,980
Drapery and upholstery fabrics (including tapestries), except fabrics classified as pile fabrics or fine goods	do.	104,560	115,033	26,276	30,049
Cotton narrow fabrics				41,158	43,205
Yarns made for sale	Pound	390,037	533,634	133,509	176,341
Thread	do.	34,854	38,885	35,137	41,350
Tire cords on cones	do.	75,076	93,093	24,368	28,153
Cotton waste made for sale	do.	338,073	515,425	21,027	25,076
Other cotton products				138,229	127,766
<b>LACE GOODS</b>					
Total value.....				25,794	26,770
Nottingham lace curtains	Pair	9,572	10,690	11,328	12,079
Nottingham lace curtain nets	Lin. yard	4,886	5,190	1,148	1,377
Lavers laces				9,980	9,769
Other lace products				3,337	3,548
<b>KNIT GOODS</b>					
Total value.....				592,834	641,081
Full-fashioned hosiery	Doz. pair	36,425	40,200	200,703	229,259
Seamless hosiery	do.	80,071	85,358	115,724	122,718
Union suits	Dozen	6,278	7,224	35,853	43,501
Sweaters, sweater coats, and jerseys	do.	4,386	4,712	55,342	59,247
Bathing suits of knit fabric (made from materials owned by establishments reporting)	do.	990	1,207	14,551	17,320
Headwear, except infants'	do.	969	859	3,875	2,854
Neckties	do.	255	69	519	157
Dresses and suits	Number	4,031	1,788	22,570	5 10,380
Knitted cloth made for sale				53,578	57,539
Other knit products				90,119	98,056
<b>RAYON AND SILK MANUFACTURES</b>					
Total value.....				308,461	354,973
Rayon and silk broad goods	Sq. yard	1,027,091	1,138,629	237,072	279,958
Rayon	do.	730,711	947,314	141,226	200,170
Rayon mixtures	do.	44,110	54,820	18,844	22,195
Silk	do.	239,476	100,226	69,066	49,842
Silk mixtures	do.	12,794	27,270	7,336	10,740

For footnotes, see p. 844.

No. 833.—TEXTILE MANUFACTURES—PRODUCTION, BY KIND: 1935 AND 1937—  
 Continued

PRODUCT	Unit	QUANTITY (THOU- SANDS OF UNIT SPECIFIED)		VALUE (THOUSANDS OF DOLLARS)	
		1935	1937	1935	1937
<b>RAYON AND SILK MANUFACTURES—CON.</b>					
Rayon and silk narrow fabrics.....				24, 803	30, 651
Ribbons.....				9, 818	13, 237
Fringes and gimps.....				4, 937	2, 432
Other.....				9, 947	14, 921
Silk and rayon yarn and thread made for sale.....				46, 587	33, 675
Other silk and rayon products.....					
<b>WOOL AND HAIR MANUFACTURES *</b>					
<b>Total value.....</b>				(7)	669, 583
Men's-wear suitings and pantings.....	Sq. yard	224, 390	215, 634	101, 844	215, 594
Men's-wear overcoatings and topcoatings.....	do.	53, 181	45, 573	50, 940	50, 099
Women's-wear coatings.....	do.	83, 692	88, 449	61, 412	80, 026
Women's-wear suitings and dress fabrics.....	do.	62, 479	55, 673	46, 235	41, 996
Shirtings.....	do.	13, 242	13, 075	8, 810	10, 810
Other apparel fabrics.....	do.	(7)	51, 322	(7)	23, 325
Nonapparel fabrics.....	do.	59, 298	62, 597	60, 696	74, 331
Blankets, bed and camp except crib: 93 percent or more wool or similar animal fibers.....	do.	19, 500	18, 096	13, 295	14, 329
25 to 93 percent wool or similar animal fibers.....	do.	40, 593	19, 066 (8)	10, 242	9, 026 (9)
Less than 25 percent wool or similar animal fibers.....	do.				
Other blankets.....	do.	745	1, 084	600	1, 109
Woven felts.....	Pound	10 5, 212	5, 095	12, 180	14, 715
Yarns ".....	do.	97, 947	75, 355	101, 595	98, 766
Tops ".....	do.	9, 376	9, 950	7, 023	7, 384
Nolls ".....	do.	15, 421	10, 143	6, 750	5, 743
Other products.....				5, 159	16, 772
<b>FELT GOODS, EXCEPT WOVEN FELTS</b>					
<b>Total value.....</b>				21, 237	27, 510
Trimming and lining felts.....	Pound	5, 067	5, 362	2, 722	3, 029
Carpet and rug linings and cushions.....	do.	38, 928	52, 728	5, 766	9, 173
Roof, shoe, and slipper felts and linings.....	do.	7, 841	6, 836	3, 300	3, 456
Automotive felts.....	do.	10, 440	9, 541	2, 845	3, 063
Other felts.....	do.	33, 496	37, 998	6, 596	8, 785
<b>HAT BODIES, CARDED WOOL FELT</b>					
<b>Total value.....</b>				10, 161	13, 397
Hat bodies, carded, for sale as such.....	Dozen	1, 803	2, 428	6, 707	9, 668
Finished hats.....	do.	322	372	3, 364	3, 728
<b>CARPETS AND RUGS</b>					
<b>Total value.....</b>				119, 103	174, 367
Wool carpets.....	Sq. yard	24, 481	32, 292	43, 658	78, 980
Wool rugs made of sewed strips.....	do.	1, 089	976	2, 781	2, 654
Wool rugs woven whole.....	do.	(7)	32, 073	61, 138	68, 265
Other carpets and rugs.....				3, 230	6, 904
Other products.....				8, 297	17, 564
<b>RECOVERED WOOL FIBER</b>					
Recovered wool fiber, total.....	Pound	57, 201	61, 962	13, 555	14, 760
<b>HATS, FUR-FELT</b>					
<b>Total value.....</b>				54, 409	65, 047
New hats finished.....	Dozen	1, 645	1, 715	37, 942	44, 214
New hat bodies and hats in the rough, made for sale as such.....	do.	1, 932	2, 200	16, 467	20, 833
<b>ARTIFICIAL LEATHER AND OILCLOTH</b>					
<b>Total value.....</b>				33, 330	39, 177
Artificial leather.....	Sq. yard	(12)	91, 125	22, 431	27, 876
Pyroxylin-coated.....	do.	83, 313	79, 841	18, 351	23, 873
Other.....	do.	(13)	11, 284	4, 080	4, 003
Oilcloth.....	do.	80, 355	73, 355	10, 948	11, 301
<b>ASPHALTED-FELT-BASE FLOOR COVERING AND LINOLEUM</b>					
<b>Total value.....</b>				49, 549	65, 055
Asphalted-felt-base floor covering.....	Sq. yard	128, 043	156, 081	31, 260	35, 481
Linoleum.....	do.	24, 453	35, 745	18, 289	29, 574



No. 833.—TEXTILE MANUFACTURES—PRODUCTION, BY KIND: 1935 AND 1937—  
Continued

PRODUCT	Unit	QUANTITY (THOUSANDS OF UNIT SPECIFIED)		VALUE (THOUSANDS OF DOLLARS)		
		1935	1937	1935	1937	
CORDAGE AND TWINE AND JUTE AND LINEN GOODS						
Total value.....					72,481	102,020
Rope, cable, and cordage:						
Manilla hemp.....	Pound.....	75,390	88,122	9,050	14,209	
Sisal and/or henequen.....	do.....	6,859	7,024	547	816	
Cotton.....	do.....	22,750	27,220	5,908	7,071	
Other.....	do.....			1,232	2,179	
Twine, binder <sup>12</sup> .....	Pound.....	108,811	114,943	6,030	8,582	
Twine, cotton.....	do.....	50,733	60,214	13,948	17,950	
Twine, other.....	do.....			12,496	15,992	
Yarns and roves produced for sale.....	Pound.....	86,182	115,946	11,023	14,787	
Linen thread.....	do.....	2,653	2,960	3,142	3,570	
Linen and part-linen woven goods.....	Sq. yard.....	8,917	7,749	2,394	2,481	
Jute bagging.....	do.....	39,979	61,682	2,838	5,831	
Other products.....	do.....			3,284	8,552	

<sup>1</sup> For production of wool-and-cotton mixed blankets containing 25 to 98 percent wool, see "Wool and hair manufactures," p. 843.

<sup>2</sup> See "Wool and hair manufactures," p. 843.

<sup>3</sup> For 1935—finished fabrics (not in the gray). For 1937—partly in the gray; partly finished fabrics.

<sup>4</sup> In addition, 82,000 dozen bathing suits valued at \$1,772,000 were reported as made from woven fabric and 114,000 dozen valued at \$705,000 made from purchased knitted fabric. Figures for bathing suits made on contract from materials owned by others and made in contract shops from materials owned by establishments reporting included with "Other knit products" to avoid disclosing data reported by individual establishments.

<sup>5</sup> Figures for dresses and suits made in contract shops from materials owned by establishments reporting included with "Other knit products" to avoid disclosing data reported by individual establishments.

<sup>6</sup> For 1935—sales (goods invoiced to customers). For 1937—quantity is production, including products made for others on commission and those made for own use; value is value of cloths woven from materials owned and cloths woven on commission.

<sup>7</sup> No comparable data.

<sup>8</sup> See "Cotton manufactures," p. 842.

<sup>9</sup> Includes \$63,000 for which no square yards were reported.

<sup>10</sup> Production including products made for others on commission and those made for own use.

<sup>11</sup> For 1935—sales (goods invoiced to customers); for 1937—made for sale.

<sup>12</sup> No data.

<sup>13</sup> Not including binder twine made in 8 penal institutions, as follows: 1935, 57,355,000 pounds; 1937, 42,809,000 pounds.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 834.—BOOTS AND SHOES (OTHER THAN RUBBER)—PRODUCTION, BY CLASS:  
1914 TO 1939

Note.—In thousands of pairs. Detailed value data were not collected at the censuses. For total value of products of the industry see table 830, p. 823. Data for 1925 to 1939 compiled from monthly reports of manufacturers representing approximately 95 percent of the total production in the United States for 1925 to 1929, 98 percent from 1930 to 1933, 99 percent for 1934 to 1936, and 98 percent for 1937 to 1939

YEAR	Total	Men's <sup>1</sup>	Boys' and youths' <sup>2</sup>	Women's	Misses' and children's	Infants	Athletic <sup>3</sup>	All fabric <sup>4</sup>	Part leather and part fabric	Slip-pers <sup>4</sup>	All other
1914.....	292,666	98,031	22,890	80,916	48,322	15,477	(5)	(5)	(5)	(5)	27,024
1919.....	331,225	95,017	20,504	104,818	48,558	16,069	586	11,050	(5)	(5)	28,042
1925.....	323,553	89,540	21,021	104,782	38,691	24,537	5,914	8,504	(5)	(5)	9,549
1930.....	304,170	77,147	18,580	112,620	32,037	18,558	1,728	2,593	(5)	(5)	5,954
1932.....	313,290	74,403	18,100	113,944	33,600	15,063	1,111	0,132	1,874	38,212	10,170
1933.....	350,382	83,821	19,944	130,742	33,180	18,578	1,316	4,637	1,485	40,648	11,030
1934.....	357,119	91,385	17,348	133,045	34,521	19,451	1,333	3,930	1,374	48,713	11,018
1935.....	353,761	90,535	17,847	145,291	37,270	21,107	1,961	3,871	2,891	42,056	12,133
1936.....	415,227	103,784	16,570	161,858	38,845	21,012	2,486	2,892	3,599	51,811	14,301
1937.....	411,969	102,895	17,451	140,675	39,911	22,786	2,576	7,705	14,541	48,294	6,104
1938.....	390,740	86,060	17,137	147,765	40,188	21,315	2,605	8,032	8,537	42,487	5,899
1939.....	424,135	103,753	16,858	167,697	43,990	24,085	3,857	4,977	7,209	45,695	6,056

<sup>1</sup> Figures beginning with 1927 are not strictly comparable with earlier years owing to the fact that large quantities of heavy footwear now included with men's shoes were included with "Athletic" prior to 1927.

<sup>2</sup> Figures exclude footwear with fabric uppers and rubber soles; data for this class, for certain census years, are shown in table 840, p. 850.

<sup>3</sup> Figures include satin, canvas, etc.

<sup>4</sup> Includes slippers and moccasins (all leather and part leather, felt, etc.) for house wear.

<sup>5</sup> Not reported separately; included with "all other."

<sup>6</sup> Not reported separately; included with the various classes of boots and shoes.

Source: Department of Commerce, Bureau of the Census; figures are published currently in monthly releases.

No. 835.—LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK:  
1928 TO 1939

[Cattle hide in thousands of hides, other figures in thousands of skins]

YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb	YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb
1928	20, 237	15, 617	54, 852	38, 706	1934	19, 771	12, 442	44, 982	34, 255
1929	19, 146	15, 364	55, 686	38, 985	1935	21, 932	14, 140	48, 250	38, 405
1930	17, 075	14, 171	55, 445	30, 393	1936	22, 628	13, 127	47, 363	37, 942
1931	16, 234	12, 438	48, 637	32, 443	1937	22, 380	12, 027	46, 554	34, 232
1932	14, 583	11, 580	37, 014	28, 841	1938	19, 047	12, 991	31, 905	28, 941
1933	17, 115	13, 049	44, 312	33, 881	1939	22, 089	14, 027	40, 419	39, 384

Source: Tanners' Council of America.

No. 836.—LEATHER—PRODUCTION, BY KIND: 1931, 1935, AND 1937

PRODUCT AND UNIT OF QUANTITY	QUANTITY <sup>1</sup>			VALUE (THOUSANDS OF DOLLARS) <sup>1</sup>		
	1931	1935	1937	1931	1935	1937
Total value.....				253, 682	299, 872	372, 458
Solo and belting leather.....				73, 183	85, 907	110, 212
Oak and union sole.....1,000 backs, bends, and sides.....	11, 746	16, 005	18, 348	55, 030	61, 960	80, 078
Chrome and combination sole.....do.....	447	1, 187	1, 052	2, 175	4, 246	3, 996
Horse-sole.....1,000 butts.....	( <sup>2</sup> )	( <sup>2</sup> )	400	( <sup>2</sup> )	( <sup>2</sup> )	825
Belting butts—curried <sup>3</sup> 1,000 butts and butt bends.....	266	466	628	2, 785	4, 448	6, 325
Offal (heads, bellies, shoulders, etc.) <sup>4</sup> 1,000 pounds.....	86, 161	91, 542	94, 438	13, 193	15, 343	18, 948
Harness leather.....				2, 166	4, 368	4, 490
Union-black.....1,000 sides.....	96	300	303	513	1, 527	1, 816
Oak black and russet.....do.....	279	513	431	1, 653	2, 839	2, 675
Bag, case, and strap leather—finished grains.....do.....	( <sup>5</sup> )	851	887	( <sup>5</sup> )	4, 727	5, 316
Collar leather.....do.....	180	366	376	627	1, 104	1, 510
Wetling leather.....1,000 pounds.....	2, 077	7, 486	7, 240	712	2, 161	2, 298
Upholstery leather (automobile, furniture, and carriage)—finished.....				( <sup>5</sup> )	4, 518	7, 139
Whole-hide grains and machine-buffed.....1,000 hides.....	( <sup>5</sup> )	262	425	( <sup>5</sup> )	3, 282	5, 227
Splits (main and second).....1,000 pieces.....	( <sup>5</sup> )	187	312	( <sup>5</sup> )	1, 286	1, 911
Upper leather.....				( <sup>5</sup> )	127, 315	153, 095
Cattle, including kip sides.....1,000 sides.....	12, 514	20, 069	20, 010	32, 536	51, 929	64, 508
Calf and whole kip, except kip sides.....1,000 skins.....	10, 544	12, 800	12, 324	27, 135	28, 815	35, 706
Goat and kid.....do.....	34, 978	41, 009	37, 580	37, 285	36, 106	39, 133
Kangaroo and wallaby.....do.....	1, 166	1, 295	1, 189	1, 048	1, 746	1, 634
Horse, colt, ass, and mule (butts and shanks).....				643	837	1, 344
Wax and finished splits.....1,000 pieces.....	( <sup>2</sup> )	( <sup>2</sup> )	10, 298	( <sup>5</sup> )	7, 882	8, 537
Other.....				( <sup>5</sup> )	2, 234	2, 234
Glove and garment leather.....				16, 729	18, 129	23, 468
Horse, colt, ass, and mule—half and whole fronts <sup>6</sup> .....						
1,000 equivalent half fronts.....	1, 590	1, 596	1, 615	3, 514	3, 197	3, 862
Sheep and lamb except shearlings.....1,000 skins.....	9, 039	13, 448	12, 592	6, 835	8, 948	10, 072
Shearlings.....do.....	( <sup>5</sup> )	( <sup>5</sup> )	2, 729	( <sup>5</sup> )	( <sup>5</sup> )	4, 878
Other.....				6, 379	5, 984	7, 655
Fancy and bookbinders' leather.....				10, 495	6, 263	6, 626
Lining leather.....				( <sup>2</sup> )	( <sup>5</sup> )	15, 431
Sheep and lamb—shoe stock.....1,000 skins.....	( <sup>2</sup> )	( <sup>5</sup> )	11, 162	( <sup>2</sup> )	( <sup>5</sup> )	9, 210
Goat and kid.....do.....	( <sup>2</sup> )	( <sup>5</sup> )	4, 968	( <sup>2</sup> )	( <sup>5</sup> )	4, 755
Other.....				( <sup>2</sup> )	( <sup>5</sup> )	1, 466
Patent upper leather, cattle including kip sides, japanned.....1,000 sides.....	( <sup>2</sup> )	( <sup>5</sup> )	3, 020	( <sup>2</sup> )	( <sup>5</sup> )	9, 326
Splits, other than wax and finished upper and upholstery.....1,000 splits.....	( <sup>2</sup> )	( <sup>2</sup> )	15, 765	( <sup>2</sup> )	( <sup>2</sup> )	10, 230
Skivers.....1,000 doz.....	192	184	226	1, 685	1, 908	2, 304
Other leather.....				45, 965	31, 980	10, 650
Rough leather.....						
Belting butts—for sale as such.....						
1,000 butts and butt bends.....	369	404	663	2, 020	3, 682	5, 829
Other rough leather.....				<sup>5</sup> 555	<sup>5</sup> 1, 712	4, 535

<sup>1</sup> Comparable figures for 1933 are not available. See third paragraph of general note, p. 802.

<sup>2</sup> No data.

<sup>3</sup> Not including butts and butt bends curried by establishments classified in other industries that buy rough tanned leather for further manufacture into finished articles.

<sup>4</sup> Data not strictly comparable because 1935 figures are partially incomplete.

<sup>5</sup> No comparable data or data incomplete.

<sup>6</sup> Combined glove, garment, and upper leather.

<sup>7</sup> Includes some fancy leather.

<sup>8</sup> Includes values for items to which footnote 5 is indexed and therefore are not comparable with those for 1937.

<sup>9</sup> Some items included in "Other leather" and therefore are not comparable with those for 1937.

Source: Department of Commerce; Bureau of the Census; reports of Biennial Census of Manufactures.

No. 837.—CHEMICALS—PRODUCTION, BY KIND: 1933, 1935, AND 1937

NOTE.—Data shown in this table represent products made for sale and for interplant transfer. In addition, large quantities of certain chemicals, especially acids, are made and consumed in further processes in the same establishments. There is considerable duplication in the total value of products due to the use of products sold by one establishment as material for other establishments manufacturing chemicals. Tons are of 2,000 pounds, except as noted

PRODUCT	QUANTITY (THOUSANDS OF UNIT SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)			
	Unit	1933	1935	1937	1933	1935	1937
Total value.....					489,977	642,808	916,529
Acetates <sup>1</sup> .....					11,407	13,217	20,587
Amyl.....	Gallon	608	1,026	1,522	442	789	1,189
Butyl.....	do	3,763	5,631	9,316	2,578	3,687	5,085
Calcium <sup>2</sup> .....	Ton	26	26	23	1,166	826	727
Ethyl.....	Gallon	5,082	5,563	6,946	2,660	2,679	2,919
Acetone.....	Pound	(3)	68,922	84,309	(3)	2,042	2,845
Acids <sup>1</sup> .....					50,657	65,300	85,953
Acetic (basis 100 percent) <sup>4</sup> .....	Pound	65,150	101,501	131,645	4,303	5,455	6,607
Boric (boracic).....	do	21,013	28,738	40,524	845	1,246	1,545
Chromic.....	do	4,969	6,723	8,997	537	888	1,260
Citric <sup>5</sup> .....	do	5,696	10,493	18,138	1,795	2,768	4,119
Hydrochloric (basis 100 percent).....	Ton	45	55	71	2,387	3,048	3,988
Mixed (sulphuric-nitric).....	do	42	40	54	1,883	2,105	2,485
Nitric (basis 100 percent).....	do	30	25	35	2,428	2,143	3,053
Oleic.....	Pound	(3)	43,763	38,087	(3)	3,273	3,605
Oxalic.....	do	9,223	8,884	10,198	903	945	1,087
Phosphoric <sup>6</sup> .....	do	24,653	45,386	78,251	892	1,334	1,786
Stearic.....	do	(3)	27,438	31,889	(3)	2,777	3,656
Sulphuric <sup>7</sup> (basis 80° Baumé).....	Ton	3,848	4,488	5,719	26,482	31,908	42,198
Tannic <sup>8</sup> .....	Pound	682	725	1,016	236	305	382
Tartaric.....	do	6,799	6,887	10,643	1,493	1,600	2,485
Alcohols:							
Methyl, synthetic.....	Gallon	8,793	13,359	31,606	1,680	3,611	8,619
Butyl.....	Pound	(3)	35,878	79,934	(3)	2,602	5,867
Ethyl and other alcohols <sup>9</sup> .....		(3)	(3)	(3)	24,122	34,492	36,820
Ammonia, anhydrous <sup>10</sup> .....	Pound	150,185	138,779	223,041	5,930	5,679	8,868
Ammonia, aqua and liquor (N. H. <sub>3</sub> content) <sup>11</sup> .....	do	11,390	23,916	25,515	923	1,235	1,310
Bicarbonates and carbonates <sup>1</sup> .....					30,363	36,514	43,089
Sodium bicarbonate, refined (basis 100 percent).....	Ton	129	137	142	3,588	3,658	3,606
Soda ash.....	do	1,654	1,872	2,324	24,183	28,425	38,769
Bromides.....					2,764	4,964	7,057
Calcium carbide.....	Ton	101	147	193	6,059	6,234	9,842
Calcium oxychloride (bleaching powder) <sup>12</sup> .....	do	28	40	46	921	909	937
Carbon, activated.....	do	(3)	11	11	(3)	926	1,444
Carbon bisulphide.....	Pound	90,179	117,768	155,238	3,283	3,885	4,751
Carbon tetrachloride.....	do	30,344	51,970	78,700	1,854	2,150	3,068
Chlorides <sup>13</sup> .....					15,647	16,257	18,741
Calcium (basis 73 to 80 percent) <sup>14</sup> .....	Ton	158	227	264	2,716	3,629	4,181
Sulphur.....	Pound	46,998	59,117	66,698	665	889	994
Ammonium (sal ammoniac).....	do	(3)	34,865	39,599	(3)	1,584	1,821
Chromates and bichromates <sup>1</sup> .....					3,579	5,230	6,465
Sodium.....	Ton	20	42	49	3,281	4,763	5,926
Citrates.....					1,464	1,957	948
Coal-tar products <sup>15</sup> .....					107,273	120,682	157,744
Crudes <sup>16</sup> .....					16,085	19,173	29,471
Intermediates.....					21,443	29,300	37,140
Finished products <sup>17</sup> .....					68,845	72,408	91,133
Cyanides.....					3,205	4,430	4,684
Ester gum.....	Pound	(17)	21,373	25,590	(17)	1,482	2,213
Ether (ethyl).....	do	7,421	7,915	13,097	1,385	1,805	1,652
Ferro-alloys, electric-furnace.....	Ton <sup>18</sup>	121	217	352	11,868	23,490	45,295
Fluorides.....					(3)	1,969	6,134
Glycerine, crude <sup>19</sup> .....	Pound	22,161	24,043	24,181	1,191	2,366	3,693
Glycerine, dynamite grade <sup>19</sup> .....	do			{ 43,686 }			{ 7,823 }
Glycerine, chemically pure <sup>19</sup> .....	do	{ 107,853 }	{ 118,727 }	{ 78,813 }	{ 7,915 }	{ 12,973 }	{ 13,460 }
Hydroxides <sup>1</sup> .....					26,007	30,295	34,792
Potassium (caustic) <sup>20</sup> .....	Ton	9	10	11	868	1,280	1,438
Sodium (caustic).....	do	645	720	897	24,473	28,134	32,028
Iodides <sup>1</sup> .....					1,309	745	794
Potassium.....	Pound	479	433	613	1,108	572	699
Modified sodas.....	Ton	22	29	29	776	1,140	1,051
Nitrates (except sodium) <sup>1</sup> <sup>20</sup> .....					2,359	3,322	4,335
Silver (lunar caustic).....	Ounce	4,146	5,195	7,249	1,072	1,908	2,285
Ammonium.....	Pound	18,694	25,298	45,560	574	674	1,131
Oxides <sup>1</sup> .....					4,503	8,770	14,719
Tin.....	Pound	2,743	3,245	3,324	1,118	1,686	1,707

For footnotes, see p. 847.

No. 837.—CHEMICALS—PRODUCTION, BY KIND: 1933, 1935, AND 1937—Con.

PRODUCT	QUANTITY (THOUSANDS OF UNIT SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)			
	Unit	1933	1935	1937	1933	1935	1937
Peroxides <sup>1</sup>					2,966	3,869	4,790
Hydrogen (basis 100 volumes)	Pound	12,119	17,409	22,925	2,388	3,155	3,781
Phosphates <sup>1</sup>					11,486	14,190	16,207
Calcium	Ton	42	41	44	5,332	5,116	5,444
Sodium:							
Tribasic	do.	80	87	117	3,084	3,862	4,235
Dibasic	do.	38	35	22	1,396	1,338	814
Monobasic and pyro	do.	3	5	13	540	833	1,735
Plastics <sup>4</sup>					24,905	44,036	61,996
Nitrocellulose (pyroxylin)	Pound	10,095	13,341	14,851	7,799	10,682	12,526
Finished articles of nitrocellulose (pyroxylin) <sup>2a</sup>					5,020	5,116	5,890
Cellulose acetate	Pound	2,875	10,305	18,924	2,246	7,986	12,200
Coal-tar resins	do.	41,857	87,719	231,568	7,509	15,672	23,584
Other plastics and synthetic resins, including synthetic rubber					2,331	4,578	8,206
Sodium borate (borax)	Ton	94	106	126	3,163	3,693	3,416
Sodium hypochlorite <sup>2a</sup>	do.	32	51	75	2,073	4,305	6,275
Sodium silicate (liquid and solid) <sup>2a</sup>	do.	630	608	641	6,583	7,674	8,555
Stearates					352	1,109	1,773
Sulphates <sup>1</sup>					16,826	21,497	26,769
Aluminum (concentrated alum)	Ton	322	348	393	6,600	7,748	8,959
Copper (blue vitriol)	Pound	56,070	54,759	78,892	1,408	2,002	3,883
Magnesium (Epsom salt)	Ton	37	38	41	1,234	1,117	1,217
Sodium:							
Glanber's salt	do.	40	26	32	586	542	491
Hyposulphite (thiosulphate)	do.	18	24	33	763	1,054	1,412
Niter cake	do.	17	19	23	353	344	522
Salt cake (crude)	do.	115	170	241	1,471	2,184	2,363
Zinc	Pound	29,797	37,466	37,530	512	721	1,148
Ammonium	Ton	(3)	96	102	(3)	2,073	2,418
Sulphides <sup>1</sup>					1,870	2,112	2,344
Sodium <sup>2a</sup>	Ton	31	25	27	1,354	1,390	1,530
Sulphites					3,003	3,752	3,924
Sulphur, refined	Ton	49	60	76	1,736	2,054	2,333
Tartrates					1,089	805	1,802
Vitreous enamels ("frit")	Pound	39,853	73,397	110,879	2,587	4,400	6,826
Other chemicals					83,394	109,590	206,518

<sup>1</sup> Value includes data for items not shown separately.  
<sup>2</sup> Production in 1935 and 1937, basis 80 percent; for 1933, as reported, regardless of strength.  
<sup>3</sup> Data incomplete, no comparable data, data not available, or data withheld.  
<sup>4</sup> Synthetic, natural, dilute, and glacial.  
<sup>5</sup> Production in 1935 and 1937, basis 100 percent; for 1933, as reported, regardless of strength.  
<sup>6</sup> Production in 1933, basis 50 percent, in part P<sub>2</sub>O<sub>5</sub> and in part H<sub>2</sub>P<sub>4</sub>O<sub>7</sub>; in 1935 and 1937, basis 50 percent H<sub>2</sub>P<sub>4</sub>O<sub>7</sub>.  
<sup>7</sup> Data for production by establishments classified in lead smelting and refining and copper smelting industries included in figures for 1935 and 1937, but not in those for 1933.  
<sup>8</sup> In addition, 3,968,000 gallons of refined natural methanol, valued at \$1,133,000, was produced for sale in the "Wood distillation and charcoal manufacture" industry.  
<sup>9</sup> The production of ethyl alcohol in proof gallons, as reported to the Bureau of Internal Revenue, Treasury Dept., was as follows: 1933, 138,600,000; 1935, 193,219,000; 1937, 215,438,000.  
<sup>10</sup> Includes production from ammonia liquor, as follows: 1935, 2,991,000 pounds, value \$380,000; 1937, 2,662,000 pounds, value \$246,000; 1933, not reported separately.  
<sup>11</sup> Figures for 1935 and 1937, but not for 1933, include data for ammonia produced in the manufacture of gas. For production in coke industry, see Bureau of Mines report, Minerals Yearbook.  
<sup>12</sup> Basis 35 to 37 percent available chlorine.  
<sup>13</sup> For 1933, includes methyl chloride; thereafter, included in "Compressed and liquefied gases" industry.  
<sup>14</sup> In addition, production by establishments engaged primarily in manufacture of salt was as follows: 1935, 8,000 tons, value \$50,000; 1937, 7,000 tons, value \$67,000. Data included for 1933.  
<sup>15</sup> Figures for 1935 and 1937 do not include color lakes, included with "Paints, pigments, and varnishes" (table 838), nor certain other coal-tar chemicals, shown elsewhere in this table. Data for these classes of products are included with the figures for 1933.  
<sup>16</sup> Not including byproduct crudes made in coke plants and gas works.  
<sup>17</sup> Data incomplete; value included in that of "Other chemicals." <sup>18</sup> Tons are of 2,240 pounds.  
<sup>19</sup> Total production of crude glycerine, as reported to the Div. of Cotton and Oils, Bur. of the Census, for 1937, was 169,039,000 pounds. Most of this was further refined and sold or used as glycerine, dynamite grade, or glycerine, chemically pure. Prior to 1937, both dynamite grade and chemically pure glycerine were reported as glycerine, refined.  
<sup>20</sup> Data for sodium nitrate withheld to avoid disclosing an approximation of the output of an individual establishment. Value included in that of "Other chemicals."  
<sup>21</sup> Data for production of photographic-film base and wrapping materials are not included. Value of these included in that of "Other chemicals."  
<sup>22</sup> Made in producing establishments in "Chemicals not elsewhere classified" industry. Nitrocellulose articles are also made from purchased nitrocellulose plastics by establishments in other industries.  
<sup>23</sup> Includes an indeterminate amount of materials used as fillers, such as wood flour, etc.  
<sup>24</sup> Production in 1935 and 1937, basis 15 percent available chlorine; for 1933, as reported, regardless of strength.  
<sup>25</sup> Liquid, basis 40%. <sup>26</sup> Includes that refined from natural product. <sup>27</sup> Includes product made from brines.  
<sup>28</sup> Production in 1935 and 1937, basis 60 to 62 percent; for 1933, as reported, regardless of strength.

Source: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.

## No. 838.—MISCELLANEOUS PRODUCTS MADE BY CHEMICAL PROCESSES

NOTE.—Semifinished products made for consumption in the same establishment are not included, but there is some duplication in total value of products in certain branches, due to the use of such products as materials by other establishments in the same industry. Tons are of 2,000 pounds

PRODUCT	QUANTITY (THOUSANDS OF UNIT SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)			
	Unit	1933	1935	1937	1933	1935	1937
BONE BLACK, CARBON BLACK, ETC.							
Total value.....					8,641	15,454	19,579
Bone black.....	Pound..	23,123	32,922	35,571	829	1,318	1,717
Carbon black (Bureau of Mines).....	do.....	273,125	352,749	610,606	7,602	13,755	17,389
Lampblack.....	do.....	3,012	3,902	5,309	210	386	473
COMPRESSED AND LIQUEFIED GASES							
Total value.....					148,185	67,831	85,580
Acetylene.....	Cu. ft.....	754,089	1,143,199	1,511,445	11,039	14,748	19,166
Carbon dioxide (not solid).....	Pound..	2117,382	2,87,657	2,100,716	4,466	4,541	4,940
Chlorine, for sale.....	Ton.....	125	207	286	4,486	7,991	10,417
Hydrogen.....	Cu. ft.....	589,290	743,800	1,103,177	915	1,567	1,849
Oxygen.....	do.....	1,821,880	2,683,859	4,441,391	12,997	18,126	26,073
Nitrous oxide (laughing gas).....	Gallon..	82,220	95,861	97,768	811	946	1,114
Dry ice (solid carbon dioxide).....	Pound..	59,058	165,124	313,217	1,970	3,246	4,619
Other gases.....					11,502	16,707	17,403
FERTILIZERS							
Total value.....					82,811	121,058	178,264
Complete fertilizers.....	Ton.....	3,274	4,202	5,681	61,180	93,092	128,750
Superphosphates, not ammoniated (including concentrated phosphates), for sale. <sup>3</sup>	do.....	1,546	1,755	3,113	12,882	16,489	27,840
Other fertilizers.....	do.....	376	525	890	8,749	11,477	21,067
PAINTS, PIGMENTS, AND VARNISHES							
Total value.....		1981 <sup>4</sup>			382,064	423,108	552,507
Pigments, colors, for sale.....	Pound..	1,296,006	1,507,754	1,870,270	69,428	87,012	117,200
Paints in paste form.....	do.....	242,628	256,715	269,827	26,191	23,268	28,541
Ready-mixed and semipaste paints.....	Gallon..	81,287	90,645	110,248	125,112	129,108	163,580
Water paints and kalsomine, dry or in paste.....	Pound..	122,823	125,165	150,876	5,295	5,298	7,622
Plastic paints.....	do.....	14,561	13,220	15,564	1,893	781	1,103
Varnishes, japans, lacquers, enamels, and allied products.....					127,852	171,186	226,003
Quantity reported.....	Gallon..	89,936	128,372	169,626	124,340	166,178	220,328
Fillers (liquid, paste, and dry).....					1,211	1,159	2,111
Putty.....	Pound..	69,007	71,841	90,544	2,992	2,872	3,683
Bleached shellac.....	do.....	10,731	12,525	14,639	2,619	2,425	2,664
SOAP							
Total value.....					238,062	223,809	271,803
Bar soap:							
Toilet soap.....	Pound..	305,638	352,976	360,611	53,064	53,325	62,805
Laundry soap.....	do.....	1,431,104	1,134,055	1,122,421	68,385	51,340	61,388
Granulated, powdered, and sprayed soap.....	do.....	421,804	503,118	743,194	40,977	45,284	68,409
Soap chips and flakes.....	do.....	351,077	458,936	390,455	30,353	36,320	38,005
Washing powders.....	do.....	262,711	219,048	232,411	12,059	7,746	9,104
Cleasers and scouring powders containing soap.....	do.....	164,067	233,587	173,346	6,383	7,688	7,172
Shaving soap <sup>6</sup> .....	do.....			14,631	11,568	9,218	9,730
Quantity reported.....	do.....	(?)	12,868	14,631	(?)	7,816	9,730
Liquid soap, not including packaged shampoos.....	do.....	33,627		29,870	2,421	1,673	2,435
Quantity reported.....	do.....	33,627	22,593	29,870	2,421	1,523	2,435
Soap stock or soap base, for sale.....	do.....	3,978	3,635	4,522	547	270	347
Textile soap, including potash and foots soaps for textile manufacture.....	do.....	(?)	70,082	60,708		5,350	5,358
Potash soap, other than textile and liquid.....	do.....	(?)	20,804	25,072	12,320	1,484	2,157
Other and not reported by kind.....						3,802	4,894

<sup>1</sup> Does not include value of methyl chloride.

<sup>2</sup> Includes approximately 64,500,000 pounds piped to plants making dry ice in 1933, 25,285,000 pounds in 1935, and 17,000,000 pounds in 1937. <sup>3</sup> Basis 16 percent available phosphoric acid.

<sup>4</sup> Comparable data for 1933 are not available; see third paragraph of general note, p. 802.

<sup>5</sup> Includes value of production for which no quantity was reported.

<sup>6</sup> Includes shaving cream with soap base.

Shaving cream containing no soap is classified as a product of the "Perfumes, cosmetics, and toilet preparations" industry, p. 849. The total production of shaving cream, with and without soap, in 1935 and 1937, was valued at \$7,957,000 and \$9,626,000, respectively.

<sup>7</sup> No comparable data.

No. 838.—MISCELLANEOUS PRODUCTS MADE BY CHEMICAL PROCESSES—Con.

PRODUCT	VALUE (THOUSANDS OF DOLLARS) <sup>1</sup>		
	1931	1935	1937
<b>DRUGS AND MEDICINES</b>			
Total value.....	305,545	280,491	335,697
Medicinal products sold direct to or prescribed by physicians.....	(7)	132,931	133,935
Alkaloids and derivatives, made for sale.....	7,677	5,861	6,915
Biological products.....	14,821	13,412	17,679
For human use:			
Antitoxins.....	2,430	2,644	3,008
Bacterins.....	1,026	1,002	1,089
Serums.....	1,103	1,190	1,729
Vaccines.....	1,148	1,552	1,915
Viruses.....	193	604	493
Undistributed.....	1,189	921	2,022
For animal use:			
Antitoxins.....	255	201	120
Bacterins.....	543	627	846
Serums.....	5,436	3,948	4,723
Vaccines.....	516	438	676
Viruses.....	886	700	708
Undistributed.....	97	239	350
Other products.....		113,057	109,341
U. S. P. and N. F. <sup>2</sup> .....		39,508	35,811
Special formulas.....		64,544	66,557
Undistributed.....		9,206	7,173
Medicines in specially prepared packages made for sale to the general public.....	283,047	136,458	191,214
U. S. P. and N. F. <sup>2</sup> .....		31,413	28,942
Not U. S. P. and N. F. <sup>2</sup> .....		105,046	162,272
Medicinal products not classified above, and undistributed.....		5,935	1,887
Poultry and animal remedies (except biological products).....		5,167	8,630
<b>INSECTICIDES AND FUNGICIDES, AND INDUSTRIAL AND HOUSEHOLD CHEMICAL COMPOUNDS</b>			
Total value.....	59,687	69,242	98,096
Deodorants, other than for human use.....	1,801	779	1,037
Disinfectants and insecticides.....	34,875	37,946	43,847
Reported by kind:			
Agricultural insecticides and fungicides.....	13,749	16,544	19,713
Calcium arsenate.....	1,280	2,322	1,879
Lead arsenate.....	3,674	4,173	5,541
Lime-sulphur, dry.....	564	275	341
Lime-sulphur, solution.....	1,266	991	1,013
Paris green.....	6,065	489	336
Other including nicotine-sulphate and sulphur dust.....		8,293	10,603
Household insecticides and repellants.....	14,773	13,303	17,820
Fly sprays.....	9,258	5,723	7,339
Insect powder (Pyrethrum).....	1,851	1,409	2,022
Fluoride powders and mixtures.....	416	425	423
Moth repellants.....	1,551	1,005	3,040
Not reported by kind.....	1,698	4,051	4,995
Disinfectants.....	5,412	5,246	6,314
Not reported by kind.....	942	2,853	.....
Boiler compounds.....	3,887	5,883	4,319
Other industrial and household chemical compounds.....	19,925	24,634	48,394
<b>PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS</b>			
Total value <sup>10</sup> .....	166,257	129,438	143,024
Perfumes and toilet waters.....	15,004	11,463	12,595
Creams, other than shaving cream.....	25,125	14,430	17,697
Lip sticks and lip rouges.....	5,100	4,714	4,418
Other rouges.....	5,630	2,574	2,520
Dentifrices.....	35,699	29,722	35,559
Deodorants for human use.....	2,802	3,029	3,503
Shampoos.....	4,087	4,157	5,539
Face powders.....	18,372	11,205	11,287
Talcum powders.....	8,418	5,005	6,041
Other toilet powders.....	2,543	3,529	3,112
Hair dyes, tonics, and dressings.....	15,889	11,046	13,238
Face lotions.....	5,817	5,560	7,831
Other toilet preparations.....	21,272	22,907	19,784

<sup>1</sup> Comparable data for 1933 are not available; see third paragraph of general note, p. 802.

<sup>2</sup> No comparable data.

<sup>3</sup> United States Pharmacopoeia and National Formulary.

<sup>4</sup> Because of a reclassification, figures for 1935 are not strictly comparable with those for 1937.

<sup>10</sup> Because of a reclassification of certain products, figures for 1931 are not strictly comparable with those for subsequent years.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

**No. 839.—TANNING MATERIALS, NATURAL DYESTUFFS, MORDANTS AND ASSISTANTS, AND SIZES—PRODUCTION, BY KIND: 1933, 1935, AND 1937**

	QUANTITY (THOUSANDS OF POUNDS)			VALUE (THOUSANDS OF DOLLARS)		
	1933	1935	1937	1933	1935	1937
Total value.....				21,068	30,463	41,099
Tanning extracts (solid and liquid):						
Chestnut <sup>1</sup> .....	286,065	302,842	363,706	3,517	4,588	4,908
Sumac <sup>1</sup> (solid and liquid).....	6,452	2,552	3,358	301	204	169
Other.....				1,416	2,153	2,662
Other tanning materials.....				1,783	2,074	3,065
Natural dyestuffs:						
Logwood (solid and liquid).....	10,827	8,706	8,215	870	744	832
Other extracts, and ground, chipped, and dry product.....				263	197	576
Mordants.....					538	575
Assistants, total value.....				6,216	11,440	17,841
Softeners, soluble oils, and greases:						
Total value.....				( <sup>2</sup> )	4,003	5,222
Quantity reported.....	( <sup>2</sup> )	43,993	63,450	( <sup>2</sup> )	3,896	5,222
Quantity not reported.....				( <sup>2</sup> )	707	
Sulphonated oils and fats:						
Quantity reported.....	( <sup>2</sup> )	42,830	57,427	( <sup>2</sup> )	3,932	4,769
Quantity not reported.....				( <sup>2</sup> )	1,424	1,778
Other <sup>4</sup> .....				( <sup>2</sup> )	1,481	6,071
Sizes, total value.....				6,233	7,614	10,410
Dextrin.....	24,174	29,493	26,944	1,448	1,501	1,599
Other, total value.....				4,785	6,023	8,811
Quantity reported.....	162,776	175,316	206,524	4,600	5,479	8,811
Quantity not reported.....				185	544	

<sup>1</sup> Pounds for 1935 and 1937, basis 25 percent tannin; for 1933, not reported according to strength.

<sup>2</sup> No solid sumac extract reported. <sup>3</sup> No comparable data. <sup>4</sup> Includes synthetic textile assistants.

**No. 840.—RUBBER PRODUCTS—PRODUCTION, BY KIND: 1933, 1935, AND 1937**

	Unit	QUANTITY (THOUSANDS OF UNIT SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)		
		1933	1935	1937	1933	1935	1937
Total value.....					468,615	671,722	878,626
Tires and inner tubes:							
Pneumatic tires and casings:							
Motor-vehicle.....	Number	45,376	48,765	54,113	221,051	322,103	412,766
Motorcycle and bicycle.....	do		4,006	5,056		3,852	4,583
Inner tubes:							
Passenger car, truck, and bus.....	do	46,812	47,761	52,373	31,715	44,386	55,739
All other, including motorcycle and bicycle.....	do		1,550	3,590		728	1,769
Solid and cushion tires:							
Truck and bus for highway transportation.....	do		37	23		1,534	870
Industrial truck, tractor, and trailer.....	do		117	232	3,740	864	1,548
All other, including carriage and other tiring.....	Pound		6,094	13,567		718	1,501
Boots, rubber.....	Pair	2,622	3,029	3,884	4,659	5,534	7,625
Shoes and overshoes, rubber.....	do	32,984	37,810	41,699	23,042	30,384	32,602
Shoes, canvas, with rubber soles.....	do	29,689	23,955	31,519	13,813	12,843	18,042
Soles, for sale as such.....	do	272,504	278,369	295,081	11,110	11,594	16,285
Soles, incl. composition or fiber.....	do	91,095	69,656	72,476	8,316	7,259	10,750
Rubberized fabrics, sold as such or on hand:							
Automobile and carriage.....	Sq. yard	8,620	5,227	6,006	3,362	1,874	2,123
All other.....	do	62,631	66,119	63,608	14,836	18,186	19,509
Belting.....	Pound	30,628	48,363	58,708	12,928	20,498	32,060
Hose and tubing.....	do				18,074	26,626	40,410
Packing.....	Pound	9,328	11,409	14,047	1,872	2,737	3,551
Druggists' and stationers' sundries.....	do				8,242	12,387	15,963
Hard-rubber goods.....	do				9,928	14,032	16,711
All other manufactures of rubber.....	do				81,912	122,232	164,486
Reclaimed rubber produced <sup>2</sup> .....	Pound	( <sup>3</sup> )	266,785	399,629	( <sup>3</sup> )	11,774	19,738

<sup>1</sup> Includes data for a small quantity of casings and tubes other than for motor vehicles, motorcycles, and bicycles.

<sup>2</sup> Including reclaimed rubber transferred to other plants of same company.

<sup>3</sup> No comparable data. <sup>4</sup> Included with "All other manufactures of rubber."

Source of tables 839 and 840: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 841.—PRINTING AND PUBLISHING—RECEIPTS AND CIRCULATION

PUBLICATIONS	1929	1931	1933	1935	1937
	Value (thousands of dollars)				
Total.....	2, 711, 607	2, 184, 813	1, 505, 484	1, 865, 524	2, 182, 922
Newspapers and periodicals, printed and published or published only.....	1, 580, 565	1, 293, 777	937, 114	1, 089, 811	1, 209, 524
Newspapers.....	1, 073, 119	886, 523	667, 820	760, 247	861, 689
Periodicals, other than newspapers.....	507, 445	407, 254	269, 294	329, 564	407, 835
Subscriptions and sales.....	460, 326	425, 267	367, 440	403, 691	459, 469
Advertising.....	1, 120, 238	868, 510	569, 674	686, 120	810, 054
Books and pamphlets, printed and published or published only <sup>1</sup> .....	215, 552	158, 642	95, 905	136, 481	168, 267
Newspapers, periodicals, books, and pamphlets, printed for publication by others <sup>2</sup> .....	129, 518	156, 737	101, 372	130, 580	144, 820
General job printing, composition sold to the trade, ready prints, and paper patterns.....	785, 971	<sup>3</sup> 575, 657	<sup>3</sup> 371, 093	<sup>3</sup> 807, 084	<sup>3</sup> 597, 875
Manufacturing done in printing establishments.....	(4)	(4)	(4)	1, 560	2, 446
Aggregate circulation per issue (average for the year)					
Newspapers and periodicals:					
Daily.....	42, 947, 824	42, 124, 651	38, 424, 281	41, 552, 243	44, 135, 058
Sunday.....	29, 011, 648	27, 463, 465	25, 453, 894	29, 190, 006	32, 713, 208
Triweekly.....	311, 777	215, 694	105, 703	142, 928	264, 343
Semiweekly.....	2, 982, 184	2, 637, 126	2, 836, 089	3, 852, 640	3, 481, 522
Weekly.....	53, 378, 350	46, 054, 782	51, 413, 509	57, 932, 576	73, 177, 172
Monthly.....	133, 048, 488	122, 670, 528	103, 192, 794	102, 193, 740	126, 864, 214
Quarterly.....	20, 605, 002	10, 575, 617	23, 237, 557	23, 277, 089	25, 808, 323
All other classes.....	11, 514, 355	8, 353, 006	6, 334, 280	7, 668, 599	14, 450, 796

<sup>1</sup> Includes books of music printed and published or published only. For 1929 and 1931, includes value of sheet music published by establishments that did no printing and value of music printed for others.  
<sup>2</sup> The inclusion of this item results in duplication in the total value of products since it represents amounts paid by publishers for work done for them, and consequently enters into the production cost and the "Value of products" (receipts for subscriptions and sales and advertising), reported by the publishers.  
<sup>3</sup> In addition, lithographed or engraved paper patterns, music, maps and atlases, labels, tags, and greeting cards valued at \$24,601,000 in 1931, \$21,287,000 in 1933, \$33,025,000 in 1935, and \$36,789,000 in 1937, were reported by establishments in other industries.  
<sup>4</sup> No comparable data.

No. 842.—ENGINES, TURBINES, WATER WHEELS, WINDMILLS, AND LOCOMOTIVES—VALUE, BY KIND: 1929 TO 1937  
(In thousands of dollars)

CLASS	1929	1931	1933	1935	1937
Total.....	291, 788	104, 349	42, 888	104, 316	221, 481
Steam engines and turbines.....	32, 459	14, 893	8, 443	11, 180	19, 087
Reciprocating marine.....	5, 181	493	161	244	193
Reciprocating stationary and portable.....		1, 634	435	1, 130	2, 633
Stationary turbines.....	27, 278	8, 427	5, 670	9, 798	12, 861
Marine turbines.....		4, 339	1, 505		3, 400
Not reported as to type.....		872			
Internal-combustion engines (not including tractors).....	166, 634	68, 279	26, 624	65, 429	131, 651
Diesel and semi-Diesel type—					
Marine (Diesel).....	11, 430	4, 876	1, 828	5, 137	12, 148
Other.....	15, 369	6, 978	3, 326	11, 868	20, 118
Other internal-combustion engines—					
Marine—					
Inboard.....	7, 111	5, 528	949	2, 237	3, 204
Outboard.....	7, 882	2, 352	1, 249	2, 385	4, 519
Motor-vehicle <sup>1</sup> .....	50, 654	15, 424	4, 147	6, 683	11, 277
Other stationary and portable.....	49, 251	19, 341	9, 406	24, 610	42, 807
Aircraft engines <sup>2</sup> .....	24, 966	13, 780	8, 719	12, 610	28, 577
Windmills.....	4, 063	1, 214	1, 400	1, 833	2, 613
Water wheels and water turbines.....	5, 023	6, 889	483	3, 263	2, 967
Engines and turbines not specified as to kind of power.....	675		191	876	
Locomotives, steam, electric, and internal-combustion.....	82, 909	<sup>3</sup> 13, 073	2, 748	21, 735	65, 163

<sup>1</sup> Excluding engines built for installation in motor vehicles manufactured in the same establishments.  
<sup>2</sup> Excluding engines built for installation in aircraft manufactured in the same establishment.  
<sup>3</sup> Not including value of electric locomotives.  
Source of tables 841 and 842: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.



## NO. 843.—MACHINERY—VALUE OF THE PRINCIPAL CLASSES MANUFACTURED

NOTE.—In thousands of dollars. The various classes of machinery listed are products of a number of industries, such as "Machinery not elsewhere classified," "Motor vehicles," "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 844 to 848

CLASS	1920	1931	1933	1935	1937
Agricultural machinery.....	167, 673	49, 054	17, 109	68, 016	114, 340
Aircraft (begun and completed within year).....	62, 167	22, 308	15, 860	17, 454	38, 664
Bakers' machinery and equipment.....	21, 730	10, 876	7, 332	11, 860	18, 120
Blowers and fans.....	25, 243	15, 323	6, 955	15, 830	20, 282
Bottlers' machinery, except for dairies.....	11, 082	5, 653	9, 157	8, 264	21, 135
Canning machinery.....	8, 535	4, 065	3, 139	8, 271	11, 840
Cash registers, adding, calculating, and card-tabulating machines, and typewriters.....	151, 583	62, 270	146, 677	83, 217	110, 833
Cement and concrete machinery:					
Cement-making machinery.....	4, 387	1, 570	545	1, 046	2, 005
Concrete mixers.....	11, 405	4, 367	969	2, 415	5, 543
Other cement and concrete machinery.....	4, 132	1, 457	224	1, 800	4, 053
Clay-working machinery (brick, pottery, etc.).....	4, 402	1, 671	501	1, 071	2, 727
Condensers.....	4, 358	2, 550	950	1, 257	1, 715
Confectionery and ice-cream machinery.....	3, 674	3, 809	2, 667	5, 052	7, 217
Conveying and elevating machinery:					
Bucket type.....	9, 387	2, 605	2, 107	2, 010	3, 639
Belt type.....	14, 206	7, 153	3, 403	3, 935	9, 321
Other.....	24, 944	12, 261	5, 944	10, 091	20, 451
Cotton-ginning machinery.....	11, 760	2, 630	2, 165	4, 802	11, 300
Cranes (including hoists and derricks).....	67, 840	18, 448	8, 607	13, 227	35, 426
Dairy machinery.....	16, 593	11, 388	5, 327	14, 864	19, 162
Dredging and excavating machinery:					
Power shovels.....	43, 348	18, 609	4, 519	12, 560	28, 800
Other.....	17, 307	11, 678	3, 643	7, 466	13, 772
Electrical machinery (generators, motors, and fans, including parts).....	285, 974	138, 425	73, 405	151, 501	283, 545
Elevators and elevator machinery.....	44, 044	20, 035	8, 322	9, 110	21, 235
Engines (steam or internal-combustion), turbines, and water wheels.....	204, 796	90, 062	38, 740	80, 748	153, 705
Flour-mill and grain-mill machinery.....	8, 286	4, 342	2, 354	5, 187	6, 010
Glass-making machinery.....	3, 688	2, 545	1, 895	3, 543	4, 720
Hydraulic machinery (other than for dredging).....	10, 082	4, 540	1, 549	5, 593	(*)
Laundry machinery (for commercial laundries only).....	28, 893	14, 687	5, 980	11, 051	16, 206
Lawn mowers.....	10, 953	6, 141	3, 467	4, 987	8, 427
Leather-working machinery, other than shoe.....	1, 249	816	747	1, 005	1, 220
Locomotives (steam, electric, and internal-combustion).....	82, 909	13, 073	2, 748	21, 795	65, 163
Machine tools.....	180, 374	58, 712	23, 936	37, 412	205, 822
Metal-working machinery, other than machine tools.....	50, 336	36, 294	13, 530	33, 888	32, 020
Mining machinery (not including well drilling or dredging).....	440, 325	412, 570	8, 107	21, 195	29, 124
Motorcycles, side cars, bicycles, and parts.....	21, 198	13, 285	(*)	22, 807	39, 827
Motor vehicles, except motorcycles.....	3, 412, 056	1, 387, 173	928, 650	2, 152, 936	2, 848, 786
Oil-mill machinery, cottonseed, and other.....	2, 533	1, 286	2, 110	2, 790	4, 677
Oil-well machinery (including drilling) and other well-drilling machinery and supplies.....	90, 530	24, 635	21, 483	54, 808	121, 881
Packing-house machinery.....	6, 663	4, 622	2, 756	5, 317	7, 029
Paper-mill and pulp-mill machinery.....	30, 456	15, 793	8, 696	14, 829	33, 177
Pneumatic machinery (other than pneumatic tools):					
Air compressors.....	39, 683	15, 210	7, 214	15, 891	23, 328
Other pneumatic machinery.....	1, 691	1, 657	397	(*)	(*)
Printers' machinery.....	64, 860	32, 324	13, 598	30, 377	46, 582
Pumps (hand and power) and pumping equipment.....	132, 747	71, 555	36, 846	64, 210	121, 836
Refrigerators, mechanical.....		128, 033	90, 694	152, 513	243, 805
Refrigerating and ice-making machinery (complete machines).....	167, 149	16, 642	4, 115	6, 570	9, 534
Road-making machinery.....	30, 094	27, 006	11, 126	26, 039	50, 327
Rubber-working machinery.....	13, 652	4, 425	3, 347	4, 838	12, 271
Scales and balances.....	25, 385	12, 072	6, 805	12, 191	17, 169
Sewing machines.....	37, 378	15, 252	10, 274	18, 250	24, 593
Shoe machinery.....	12, 317	9, 765	8, 130	10, 245	10, 903
Slot-vending machines.....	8, 821	5, 861	5, 472	5, 989	8, 978
Stokers, mechanical.....	14, 054	8, 310	5, 629	11, 537	23, 176
Sugar-mill machinery.....	5, 046	1, 840	794	1, 260	4, 344
Textile machinery and parts.....	115, 525	61, 223	57, 892	64, 899	101, 845
Transmission machinery.....	26, 787	15, 326	9, 693	11, 869	(*)
Vacuum cleaners (electric).....	35, 108	24, 847	14, 411	24, 191	36, 029
Washing machines, clothes wringers, driers, and ironing machines for domestic use.....	70, 011	48, 281	42, 422	59, 513	73, 201
Windmills.....	4, 063	1, 214	1, 400	1, 833	2, 613
Woodworking machinery.....	35, 151	11, 057	6, 100	12, 542	23, 118

\* Includes other miscellaneous adding, calculating, and computing devices.

† Excludes mining dredges.

‡ No comparable data.

§ Includes dredging machinery.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

## No. 844.—ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES—VALUE, BY CLASSES: 1929 TO 1937

[In thousands of dollars]

PRODUCT	1929	1931	1933	1935	1937
Total value.....	1,918,738	997,643	529,436	918,216	1,647,224
Generating apparatus, except railway and vehicle power generators.....	61, 116	25, 287	12, 794	34, 593	77, 558
Motor-generator sets and dynamotors (not including arc welding sets).....	13, 307	6, 007	2, 201	5, 862	10, 832
Transformers, current-limiting reactors, and induction-voltage regulators (except measuring-instrument transformers).....	84, 032	42, 742	13, 004	34, 357	91, 070
Storage batteries and parts and supplies.....	109, 601	65, 736	52, 129	65, 901	78, 260
Dry batteries and wet primary batteries and parts and supplies.....	40, 334	20, 200	15, 315	19, 817	24, 627
Switchboard apparatus (circuit breakers, panelboards, switchboards, and switches).....	81, 201	44, 832	16, 243	36, 188	38, 743
Measuring instruments, meters, relays, analyzers, and instrument and meter transformers.....	38, 523	22, 715	9, 323	23, 486	41, 114
Insulated wire and cable and armored conductor.....	323, 982	126, 160	65, 637	122, 226	245, 342
Conduits and fittings.....	46, 768	27, 464	14, 662	23, 095	39, 443
Fuses and fuse blocks (except high-voltage and power types, 2,300 volts and over).....	14, 036	7, 761	4, 825	5, 013	7, 117
Stationary motors.....	136, 035	68, 430	41, 173	72, 068	143, 606
Fractional horsepower.....	51, 252	33, 648	23, 746	37, 806	75, 775
One horsepower and over:					
Direct current.....	22, 619	9, 060	3, 622	8, 489	15, 029
Alternating current.....	62, 163	25, 722	13, 874	26, 373	62, 202
Not reported by kind or rating.....			230		
Automotive starter motors (not including vehicle motors or control switches).....	32, 849	13, 044	9, 032	25, 300	20, 540
Fans (direct motor-driven).....	10, 196	8, 984	2, 437	6, 695	18, 565
Control apparatus (except railway and vehicle controllers, all types).....	44, 289	22, 186	15, 165	28, 280	47, 388
Lamps (not including sockets and other fittings) and vacuum tubes.....	85, 320	70, 502	50, 142	67, 551	81, 990
Industrial apparatus and appliances (electric furnaces and heating and welding apparatus) <sup>1</sup> .....	20, 095	11, 321	7, 975	20, 701	35, 673
Commercial cooking apparatus.....	2, 280	1, 439	625	1, 491	2, 765
Household apparatus and appliances.....	84, 485	55, 578	36, 767	72, 704	112, 275
Vacuum cleaners, electric.....	35, 108	24, 847	14, 411	24, 191	36, 029
Flatirons.....	8, 618	5, 070	4, 639	6, 554	8, 909
Cooking utensils.....	13, 341	8, 250	5, 311	8, 922	16, 452
Ranges, disc stoves, and hot plates.....	16, 933	9, 643	4, 189	14, 196	25, 037
Air heaters, radiant and convector type.....	1, 833	1, 012	362	577	1, 201
Water heaters (for permanent installation) and parts and accessories.....	1, 640	1, 316	432	3, 530	5, 805
Other.....	7, 612	5, 440	7, 365	14, 733	10, 012
Wiring devices.....	38, 395	21, 778	17, 796	24, 583	32, 003
Wiring supplies.....	22, 296	10, 339	4, 702	12, 345	23, 667
Carbons.....	17, 049	9, 512	8, 997	12, 470	20, 432
Electrotherapeutic and electromedical (including dental) apparatus and X-ray apparatus (exclusive of X-ray tubes).....	23, 555	9, 164	4, 389	9, 243	16, 290
Flashlight cases.....	7, 050	2, 171	1, 876	3, 571	5, 772
Ignition apparatus for internal-combustion engines.....	58, 627	27, 894	23, 432	40, 528	58, 201
Lightning arresters and choke coils.....	6, 515	3, 257	1, 592	2, 871	5, 893
Radio parts (coils, condensers, etc.).....	(3)	(3)	(3)	26, 406	47, 328
Rectifying apparatus.....	4, 269	2, 871	1, 723	3, 046	5, 026
Signaling apparatus, electric.....	34, 820	17, 465	6, 432	12, 146	22, 043
Telephone and telegraph apparatus.....	168, 293	113, 170	21, 180	43, 584	115, 883
Other.....	310, 763	129, 631	67, 802	61, 544	129, 789

<sup>1</sup> Includes values of parts and supplies.<sup>2</sup> Motor-driven machine tools are classified in the "Machine tools" industry.<sup>3</sup> No data.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

NO. 845.—FARM EQUIPMENT—PRODUCTION, BY CLASS AND KIND: 1937, 1938,  
AND 1939

CLASS	NUMBER			VALUE (THOUSANDS OF DOLLARS)		
	1937	1938	1939	1937	1938	1939
All products, total value.....				580,049	490,013	474,229
Plows and listers.....				33,042	26,818	20,305
Moldboard plows.....	465,607	313,416	240,625	15,537	12,644	9,710
Disk plows.....	28,530	22,549	16,407	4,185	3,446	2,541
Other <sup>1</sup> .....				13,340	10,728	9,046
Harrow, rollers, pulverizers, and stalk cutters.....				16,658	13,503	11,723
Disk harrows.....	135,544	103,421	84,545	9,745	7,595	6,447
Spike-tooth and spring-tooth harrow sections.....						
Soil pulverizers and packers.....	400,224	313,274	193,329	3,536	2,671	1,702
Other <sup>1</sup> .....	19,517	15,878	10,166	1,019	835	590
Planting and fertilizing machinery.....				2,363	2,201	2,985
Corn planters.....	77,384	61,117	46,012	27,528	20,246	14,397
Combination corn and cotton planters.....	78,461	67,051	33,547	3,693	3,111	2,143
Grain drills.....	67,000	41,242	23,384	1,900	1,625	793
Manure spreaders.....	60,057	27,344	33,393	7,045	5,026	2,889
Other <sup>1</sup> .....				7,217	2,967	4,158
Cultivators and weedeaters.....				7,671	6,618	4,383
Horse-drawn cultivators.....	217,418	168,958	102,320	22,231	16,871	12,220
Tractor-drawn cultivators.....	127,183	90,760	63,547	3,791	2,610	1,526
Field cultivators.....	11,774	11,488	6,004	10,937	7,047	5,832
Garden cultivators, hand.....	233,239	271,951	205,978	1,235	1,237	656
Other <sup>1</sup> .....				467	1,447	368
Harvesting machinery.....				5,760	4,630	3,909
Grain binders.....	31,259	47,019	15,242	46,692	71,522	49,020
Combines (harvest-threshers).....	29,403	48,040	41,537	5,371	9,457	3,020
Corn binders (row-binders).....	16,094	12,765	5,535	21,284	35,628	25,473
Corn pickers.....	13,556	16,722	16,044	2,821	2,256	974
Other <sup>1</sup> .....				6,172	6,992	6,484
Haying machinery.....				10,663	17,281	13,009
Mowers.....	125,852	70,225	73,112	18,740	14,404	14,268
Rakes, sulky, side delivery, and sweep.....	84,780	59,429	43,596	8,015	5,026	5,188
Loaders.....	27,256	17,481	15,350	4,302	3,038	2,592
Other <sup>1</sup> .....				2,558	1,580	1,532
Machines for preparing crops for market or use.....				4,866	4,960	5,085
Grain threshers.....	4,996	8,649	2,781	20,472	22,572	19,822
Ensilago and feed cutters.....	12,168	13,209	31,673	4,049	7,438	2,605
Corn shellers.....	65,253	50,337	57,897	2,229	2,714	2,023
Corn huskers and shredders.....	1,940	1,570	1,722	900	938	1,073
Hay presses.....	5,725	3,535	4,540	2,137	1,455	1,223
Feed grinders and crushers.....	62,016	53,235	75,992	3,134	3,106	4,003
Other <sup>1</sup> .....				7,032	6,397	7,393
Tractors.....				283,304	196,218	203,674
Wheel type.....	237,837	172,437	185,558	159,686	116,832	110,857
Track-laying type.....	34,002	16,837	20,127	66,418	33,772	45,305
Garden tractors.....	10,716	9,949	9,777	1,775	1,345	1,416
Attachments and parts.....				40,715	44,220	45,999
Engines, internal-combustion (except auto- motive and marine).....				20,849	15,411	18,738
Engines.....	282,643	186,447	244,848	18,597	13,351	15,755
Attachments and parts.....				2,261	2,060	2,983
Farm wagons and trucks.....				3,565	4,394	5,230
Farm wagons.....	57,560	22,389	30,720	3,656	1,372	1,703
Farm trucks.....	48,563	21,766	21,416	1,849	851	623
Other <sup>1</sup> .....				3,060	2,171	2,841
Miscellaneous equipment.....				95,975	88,054	105,101
Milking machines.....	21,502	18,787	22,798	1,216	1,230	1,418
Cream separators.....	84,240	71,632	63,229	3,812	2,921	2,750
Elevators, farm (portable).....	8,007	6,122	5,138	1,581	1,540	2,040
Water systems, pneumatic.....	4,142	4,006	5,108	924	1,411	1,045
Pumps, water.....	195,486	176,184	241,664	9,549	8,150	11,755
Windmills and windmill towers.....	726,090	511,465	689,308	3,573	2,440	2,733
Barn and barnyard equipment.....	87,713	63,444	67,098	3,540	2,576	2,732
Poultry-farm equipment.....				4,397	4,376	5,450
Bookkeepers' supplies.....				6,515	5,243	7,437
Corncribs.....				1,244	1,183	1,284
Grain bins.....	2,922	6,525	34,605	573	670	3,652
Forks, hoes, and rakes.....				7,232	5,845	4,302
Shovels, spades, and scoops.....				7,274	5,824	6,054
Lawn mowers.....	1,248,898	1,128,373	1,250,958	8,427	9,103	9,071
Lighting plants, electric, residence, etc.....	37,156	21,349	296,755	4,338	3,143	2,006
Silos.....	9,031	7,560	6,775	3,952	3,163	2,812
Wheel barrows.....	330,764	346,593	378,796	1,404	1,505	1,563
Other <sup>1</sup> .....				25,209	27,104	28,297

<sup>1</sup> Including attachments and parts.

<sup>2</sup> Not strictly comparable with earlier years.

Source: Department of Commerce, Bureau of the Census; annual report, Manufacture and Sale of Farm Equipment and Related Products.

## No. 846.—MACHINE TOOLS—PRODUCTION, BY KIND: 1933, 1935, AND 1937

KIND	NUMBER			VALUE (THOUSANDS OF DOLLARS)		
	1933	1935	1937	1933	1935	1937
Machine tools and replacement and repair parts, total value.....				29, 631	98, 983	220, 508
Boring machines.....	(1)	604	{ 2 927 2 529 }	976	4, 630	{ 2 6, 715 2 4, 345 }
Boring mills, vertical, work revolving.....	(1)	(1)	(1)	967	5, 287	11, 888
Drilling machines:						
Horizontal, vertical, and radial.....	(1)	(1)	(1)	569	1, 068	5, 367
Combined vertical and horizontal, automatic, universal-head, and all other.....	(1)	(1)	(1)	477	1, 030	3, 931
Forging machines (hammers, presses, etc.).....	(1)	(1)	1, 865	1, 030	4, 673	10, 860
Gear-cutting machines.....	(1)	(1)	(1)	3, 627	13, 211	28, 177
Grinding machines.....	(1)	(1)	(1)			
Lathes:						
Bench (plain and screw-cutting).....	3, 283	{ 12, 174 2, 567 }	14, 663	1, 425	{ 1, 153 3, 989 }	1, 911 12, 709
Engine.....	242	(1)	(1)	1, 185	9, 986	23, 716
Automatic.....	201	(1)	3, 138	516	3, 637	13, 532
Turret, horizontal hand-operated.....	(1)	(1)	(1)	768	792	3, 246
Other.....	(1)	(1)	(1)	1, 341	8, 956	19, 586
Milling machines.....	(1)	(1)	5, 061	1, 341		
Portable tools (electric and pneumatic):						
Drills:						
Number reported.....	24, 115	78, 179	139, 119	1, 409	3, 373	9, 754
Number not reported.....				94	1, 677	
Grinders.....	(1)	27, 646	42, 981	466	1, 606	2, 377
Hammers.....	11, 262	(1)	19, 941	629	986	1, 303
Other, including portable motor-driven garage equipment, and flexible shaft, etc.....	(1)	(1)	(1)	2, 303	4, 893	5, 504
Presses (except forging presses).....	(1)	(1)	(1)	1, 696	6, 326	15, 036
Shapers and slotters.....	35	463	1, 131	58	922	2, 648
Threading machines.....	493	(1)	(1)	331	1, 986	4, 179
All other machine tools.....	(1)	(1)	(1)	3, 968	7, 492	19, 037
Replacement and repair parts.....				5, 694	11, 571	14, 687

<sup>1</sup> Data incomplete.

<sup>2</sup> Not strictly comparable with figures for earlier years because of differences in the questionnaires.

## No. 847.—MACHINE-TOOL ACCESSORIES AND MACHINISTS' PRECISION TOOLS—PRODUCTION, BY KIND: 1933, 1935, AND 1937

PRODUCT	VALUE (THOUSANDS OF DOLLARS)			PRODUCT	VALUE (THOUSANDS OF DOLLARS)		
	1933	1935	1937		1933	1935	1937
Total value.....	46, 878	104, 939	176, 082	Small tools and tool holders—Continued.			
Attachments and fixtures.....	25, 894	58, 491	95, 650	Milling cutters (all types), end mills, slotting cutters, etc.:			
General equipment:				Solid.....	2, 447	5, 262	10, 200
Chucks.....	714	1, 873	4, 566	Inserted-teeth.....	1, 212	1, 786	850
Vises (machine).....	81	161	234	Reamers.....	1, 220	3, 184	5, 062
Attachments for machine tools:				Threading tools:			
Lathe.....	104	220	728	Taps and dies (not pipe-threading):			
Boring, drilling, and milling-machine.....	805	1, 028	1, 384	Taps.....	1, 848	3, 806	7, 827
Other attachments.....	99	628	550	Dies.....	652	1, 513	1, 955
Other attachments and fixtures.....	1, 592	3, 001	6, 828	Chasers.....	1, 018	1, 789	2, 539
Special equipment and machinery.....	22, 501	51, 571	81, 361	Pipe-threading:			
Small tools and tool holders.....	17, 509	39, 367	66, 731	Taps.....	405	424	719
Arbors, collars, and collets (lathe, milling-machine, and drill).....	164	499	995	Dies.....	456	475	849
Counterbores.....	56	507	1, 058	Pipe stocks, complete with dies.....	650	1, 306	1, 825
Countersinks and combination countersinks and drills.....	104	356	543	All other, and those not reported by kind.....	2, 285	7, 347	14, 151
Drills.....	4, 593	8, 981	15, 189	Precision measuring tools (micrometer and vernier).....	186	1, 183	1, 581
Hobbing cutters.....	484	2, 131	2, 970	Gages (plug, ring, snap, thread, etc.).....	701	1, 332	3, 003
				Other measuring tools.....	618	1, 575	2, 229
				Misc. equip't and accessories, not incl. above.....	11, 910	2, 093	6, 887

<sup>1</sup> Includes machine-tool accessories, etc., not reported by kind.

Source of tables 846 and 847: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

## No. 848.—REFRIGERATING AND ICE-MAKING APPARATUS—PRODUCTION

PRODUCT	NUMBER		VALUE (THOUSANDS OF DOLLARS)	
	1935	1937	1935	1937
Total value.....			1 226, 611	1 375, 406
Mechanical refrigerators and refrigerating systems, compression-type (electric):				
Domestic (household):				
Self-contained, total.....			1 119, 873	1 183, 574
Capacity under 6 cu. ft.....	875, 397	1, 003, 026	60, 903	84, 468
6 cu. ft. or more but under 10 cu. ft.....	536, 308	991, 022	55, 182	95, 986
10 cu. ft. and over.....	11, 088	12, 102	2, 428	2, 306
Not reported by size.....			1, 359	734
Commercial.....			1 8, 344	1 20, 973
Beverage coolers (for bottled beverages).....		63, 653		5, 446
Water coolers, self-contained.....	(?)	(?)	2, 026	4, 563
Ice-cream cabinets, self-contained:				
Number reported.....	14, 220	47, 028	2, 062	8, 377
Number not reported.....			600	100
Other commercial refrigerators and display cases, self-contained.....	(?)	(?)	3, 648	2, 498
Systems <sup>2</sup> high sides, low sides, etc. (commercial and domestic):				
Systems complete without cabinets.....	242, 240	279, 645	11, 047	11, 680
Compressors made for sale separately.....	54, 875	198, 510	3, 910	9, 540
Evaporators made for sale separately:				
Number reported.....	67, 985	866, 973	1, 573	3, 145
Number not reported.....			559	1, 355
High sides and low sides made for sale separately.....			7, 207	12, 451
Room coolers (not air conditioning).....	(?)	(?)	( <sup>3</sup> )	1, 139
Cabinets, <sup>3</sup> display cases, etc., for mechanical refrigerators, made for sale separately:				
Domestic (household), all sizes.....	314, 394	520, 097	9, 497	17, 103
Commercial:				
Refrigerator cabinets:				
Number reported.....	13, 789	45, 469	1, 151	5, 737
Number not reported.....			2, 590	1, 781
Display, storage, etc., cases:				
Number reported.....	8, 021	26, 953	3, 711	13, 418
Number not reported.....			3, 536	2, 905
Remote fountain or water coolers, with low sides and other commercial cabinets.....			1, 296	3, 115
Ice refrigerators and ice boxes:				
Domestic (household):				
Number reported.....	308, 976	394, 550	6, 662	9, 920
Number not reported.....			233	61
Commercial ice refrigerators, water coolers, milk coolers, food-display cases, etc.....			3, 223	5, 354
Ice-making and refrigerating machines and apparatus, commercial and industrial.....			7, 962	11, 539
Complete machines (ice-making capacity per 24 hours):				
Less than 10 tons:				
Number reported.....	4, 497	10, 195	2, 460	4, 890
Number not reported.....			189	500
10 tons or more but under 100 tons:				
Number reported.....	847	1, 751	2, 825	3, 403
Number not reported.....			370	117
100 tons and over.....	(?)	(?)	727	505
Compressors and evaporators made for sale separately as such:				
Number reported.....	70, 842	10, 300	738	1, 762
Number not reported.....			654	1, 243
Condensing units (high sides) for air-conditioning.....	(?)	7, 555	(?)	5, 817
Evaporators for air-conditioning.....	(?)	17, 440	(?)	1, 130
All other, including air-conditioning equipment, absorption-type refrigerators, custom-built refrigerators, cabinets cooled by replaceable chemical refrigerant and cooling equipment therefor, cabinets and display cases not reported by method of cooling, and parts for all types <sup>4</sup> .....			34, 236	53, 602

<sup>1</sup> The values of "Systems, high sides, low sides, etc.," (see footnote 3) and "Cabinets, display cases, etc.," are duplicated in the totals to which this footnote is indexed, to the extent to which these products were sold to manufacturers in the industry for assembly and sale as complete refrigerators.

<sup>2</sup> No data or data incomplete.

<sup>3</sup> The term "system," as used here, refers to a complete assembly, consisting of "high side" and "low side" with motor, control, and expansion valve or its equivalent. The cabinet is not a part of the system.

<sup>4</sup> Data incomplete; included with "All other, including air-conditioning equipment, etc."

<sup>5</sup> Figures combined to avoid disclosing output of individual manufacturers.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 849.—RADIOS, RADIO TUBES, AND PHONOGRAPHS—PRODUCTION: 1935 AND 1937

PRODUCT	NUMBER		VALUE (THOUSANDS OF DOLLARS)	
	1935	1937	1935	1937
Radios, radio tubes, and phonographs, total value.....			1 208, 633	1 288, 020
Receiving sets complete (cabinets, chassis, speakers, and tubes):			134, 674	1 176, 736
Number reported.....	5, 645, 162	7, 802, 399	132, 684	175, 380
Number not reported.....			1, 990	1, 356
For home and general use.....		5, 843, 569	104, 816	131, 526
Number reported.....	4, 397, 804	5, 843, 569	103, 563	131, 526
Number not reported.....			1, 253	
Covering standard broadcast band:				
Socket-power-operated.....	1, 250, 219	2, 045, 273	14, 908	29, 529
Battery-operated.....	187, 026	235, 049	4, 885	3, 665
Extending beyond standard broadcast band—all-wave receiving sets:				
Socket-power-operated:				
Number reported.....	2, 700, 738	3, 200, 083	76, 742	91, 472
Number not reported.....			1, 253	
Battery-operated.....	259, 821	273, 164	7, 028	6, 860
Automobile sets.....	1, 221, 708	1, 800, 841	25, 556	38, 670
For general use:				
Factory price not over \$25.....	1, 040, 906	1, 810, 601	20, 812	36, 162
Over \$25.....	177, 653	73, 971	4, 526	2, 142
For police use:				
Police sets.....	3, 149	6, 269	218	375
Aircraft sets (including all accessory equipment except batteries), commercial receiving sets and direction finders, and other sets not specified above.....			1, 841	1, 963
Number reported.....	2, 288	10, 182	651	607
Number not reported.....			1, 190	1, 356
Radio-phonograph combinations.....	23, 362	57, 807	2, 461	4, 567
<b>Tubes:</b>				
Receiving tubes.....	78, 231, 142	112, 218, 139	28, 975	39, 251
For replacement.....	36, 760, 396	41, 472, 438	12, 954	15, 482
Rectifiers (primarily for use with receiving sets).....	3, 762, 328	4, 178, 024	1, 203	1, 700
Other tubes.....	33, 007, 068	37, 294, 414	11, 751	13, 722
For initial equipment.....	41, 461, 746	70, 745, 701	16, 021	23, 769
Rectifiers (primarily for use with receiving sets).....	2, 926, 166	4, 780, 449	1, 110	1, 601
Other tubes.....	38, 535, 680	65, 965, 252	14, 902	22, 168
Transmitting tubes for initial equipment and for replacement.....	(?)	(?)	1, 874	3, 005
Rectifier tubes not included above:				
Low-power, 500 watts and under.....	(?)	79, 657	553	300
High-power, above 500 watts.....	(?)	41, 003	159	242
<b>Transmitters (including all associated equipment):</b>				
Broadcast.....	(?)	(?)	401	1, 910
Aircraft.....	(?)	(?)	1, 004	3, 206
Ship.....	(?)	540	1, 250	1, 770
Other transmitters, for use at fixed locations.....	(?)	(?)	3, 115	1, 989
<b>Phonographs and accessories:</b>				
Phonographs for mechanical reproduction, including cabinets.....	(?)	(?)	2, 107	7, 086
Records.....	(?)	(?)	3, 705	7, 823
Needles.....	(?)	(?)	269	583
<b>Miscellaneous:</b>				
Receiving-set chassis for sale separately as such <sup>1</sup> .....	277, 722	(?)	4, 136	5, 485
Loud speakers for sale separately as such <sup>2</sup> .....	(?)	(?)	5, 616	9, 213
Microphones (all types).....	(?)	(?)	455	694
Public-address and music-distribution apparatus.....	(?)	(?)	2, 784	3, 696
Other apparatus and products (including dictating machines, phonographs for electrical reproduction of records, including cabinets and tubes, and other miscellaneous products).....			15, 554	25, 632

<sup>1</sup> Includes some duplication. See footnote 3.

<sup>2</sup> Data incomplete.

<sup>3</sup> The items to which this footnote is indexed are duplicated in the subtotal and the total at the head of the table, to the extent to which the products were sold to manufacturers of complete radio receiving sets for installation in such sets made within the year covered by the report.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 850.—MOTOR VEHICLES AND AIRCRAFT—PRODUCTION: 1933, 1935, AND 1937

PRODUCT	NUMBER			VALUE (THOUSANDS OF DOLLARS)		
	1933	1935	1937	1933	1935	1937
<b>MOTOR VEHICLES AND CHASSIS</b>						
Total.....	1,848,013	3,023,052	4,732,553	928,650	2,152,996	2,848,796
Passenger vehicles (not including public conveyances).....	1,533,566	3,211,734	3,847,800	752,700	1,752,138	2,206,511
Closed.....	1,516,343	3,191,877	3,827,517	744,268	1,739,271	2,281,131
Open.....	17,223	19,857	20,283	8,432	12,866	15,380
Motor busses (including school, sightseeing, and public-utility).....	1,574	4,817	7,665	6,948	27,176	47,176
Trucks.....	213,633	505,226	602,144	110,785	271,202	350,683
Hearse and undertakers' wagons.....	325	1,681	2,604	1,911	3,769	6,206
Ambulances.....	418	1,253	2,467	520	580	1,155
Truck tractors.....	1,633	2,464	1,786	3,203	5,028	2,785
Taxicabs and commercial vehicles not specified above.....	5,281	3,205	4,300	5,245	3,570	3,637
Fire-department apparatus.....	244	538	985	1,475	2,811	5,868
Other vehicles and apparatus (including street-cleaning apparatus, etc.).....	46	124	397	219	762	1,036
Chassis.....	90,743	103,010	264,345	45,663	85,940	127,729
Passenger.....	8,756	40,596	36,423	3,375	13,453	12,704
Commercial.....	81,804	161,675	220,205	41,509	71,702	113,223
Bus.....	183	739	1,717	210	785	1,802
<b>AIRCRAFT</b>						
Total value.....				26,610	40,882	101,520
Aircraft begun and completed within the year <sup>1</sup> .....	1,179	1,365	3,100	15,800	17,454	38,664
Airplanes.....	1,056	1,313	3,090	13,359	14,895	38,575
Seaplanes and amphibians.....	68	41		2,221	2,347	
Other.....	55	11	10	280	213	80
Value of work done during census year on aircraft under construction <sup>2</sup> .....				2,436	14,069	33,776
Parachutes, propellers, and pontoons.....				1,375	2,832	8,228
Parts.....				5,808	6,527	20,852

<sup>1</sup> For 1933, reported as "Built in 1933;" for 1935, as "Begun and completed in 1935;" for 1937, as "Begun and completed in 1937."

<sup>2</sup> The term "aircraft under construction" includes all aircraft (1) begun prior to the census year and finished during the census year, (2) begun prior to the census year and not completed during the year, or (3) begun during the census year and not completed at the close of the census year. Only the value of work done during the census year is reported.

No. 851.—BICYCLES—PRODUCTION: 1899 TO 1937

YEAR	Number	Value	YEAR	Number	Value
1899.....	1,182,691	\$23,656,487	1925.....	303,446	\$7,030,566
1904.....	250,487	3,740,923	1927.....	255,466	5,303,440
1909.....	233,707	3,228,189	1929.....	307,845	6,183,773
1914.....	398,899	5,361,230	1931.....	260,029	4,733,254
1919.....	479,163	<sup>1</sup> 12,498,000	1933.....	<sup>3</sup> 320,000	<sup>1</sup> 5,402,000
1921.....	<sup>2</sup> 216,464	<sup>2</sup> 6,218,394	1935.....	656,828	12,059,807
1923.....	486,177	10,726,900	1937.....	1,130,736	22,223,431

<sup>1</sup> Estimated in small part.

<sup>2</sup> Not including data for bicycles made by certain establishments engaged primarily in other lines of manufacture, not reported separately. The combined value of bicycles and parts made by these establishments amounted to \$176,464.

<sup>3</sup> Estimated in part.

Source of tables 850 and 851: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

## No. 852.—COTTON SPINDLES, COTTON CONSUMPTION, AND STOCKS

NOTE.—The statistics for 1916 to 1940 relate to the 12 months ended July 31 and those for prior years to the 12 months ended Aug. 31. Consumption and stocks are expressed in running bales, counting round as half bales, except that all figures, 1840 to 1870, inclusive, and foreign cotton for all years are in equivalent 500-pound bales. The number of active cotton spindles represents spindles operated at some time during the year, and is not as satisfactory a measure of activity of the industry as active spindle hours

YEAR	COTTON SPINDLES (THOUSANDS)					Spindles using cotton with other fibers (thousands)	Active cotton spindle hours (thousands)	COTTON CONSUMED, EXCLUDING LINTERS <sup>1</sup> (THOUSANDS OF BALES)			
	Total in place	Active						United States	Cotton-growing States	New England	Other States
		United States	Cotton-growing States	New England	Other States						
1840-----	( <sup>2</sup> )	2,285	181	1,597	506	( <sup>2</sup> )	( <sup>2</sup> )	237	71	159	7
1850-----	( <sup>2</sup> )	3,998	265	2,959	775	( <sup>2</sup> )	( <sup>2</sup> )	576	78	431	87
1860-----	( <sup>2</sup> )	5,236	324	3,859	1,053	( <sup>2</sup> )	( <sup>2</sup> )	845	94	567	184
1870-----	( <sup>2</sup> )	7,132	328	5,498	1,306	( <sup>2</sup> )	( <sup>2</sup> )	797	69	551	177
1880-----	( <sup>2</sup> )	<sup>3</sup> 10,653	<sup>3</sup> 661	<sup>3</sup> 8,632	<sup>3</sup> 1,460	( <sup>2</sup> )	( <sup>2</sup> )	<sup>3</sup> 1,570	<sup>3</sup> 189	<sup>3</sup> 1,129	<sup>3</sup> 252
1890-----	( <sup>2</sup> )	14,384	1,570	10,934	1,850	( <sup>2</sup> )	( <sup>2</sup> )	2,518	539	1,502	477
1900-----	( <sup>2</sup> )	19,472	4,368	13,171	1,933	( <sup>2</sup> )	( <sup>2</sup> )	3,873	1,523	1,909	440
1910-----	28,929	28,207	10,494	15,735	2,038	( <sup>2</sup> )	( <sup>2</sup> )	4,422	2,254	1,995	393
1920-----	35,834	35,481	15,231	18,287	1,963	402	( <sup>2</sup> )	0,420	3,583	2,307	440
1924-----	37,804	36,840	16,944	17,066	1,839	258	84,360	5,191	3,858	1,535	287
1925-----	37,929	35,032	17,202	15,975	1,765	251	91,055	6,193	4,220	1,639	335
1926-----	37,586	34,750	17,574	15,520	1,650	243	93,941	6,456	4,500	1,628	328
1927-----	36,096	34,410	17,894	14,995	1,521	235	102,605	7,190	5,194	1,675	321
1928-----	35,540	33,670	18,282	13,815	1,473	232	06,451	0,834	5,114	1,438	282
1929-----	34,820	32,417	18,541	12,538	1,339	207	99,604	7,091	5,392	1,447	251
1930-----	34,025	31,245	18,586	11,351	1,308	177	87,515	6,106	4,749	1,143	214
1931-----	32,673	28,980	18,073	9,655	1,251	117	75,204	5,263	4,148	937	179
1932-----	31,709	27,272	17,630	8,566	1,076	113	68,755	4,866	4,033	877	155
1933-----	30,893	26,895	17,929	8,205	761	119	85,205	6,137	5,037	684	167
1934-----	30,942	27,742	18,511	8,457	774	126	80,419	5,700	4,550	985	165
1935-----	30,928	26,701	18,212	7,763	726	98	72,526	5,361	4,306	818	237
1936-----	28,147	24,664	17,834	6,092	788	78	83,990	6,351	5,336	832	184
1937-----	26,982	25,419	18,244	6,425	761	91	101,225	7,950	6,626	1,073	251
1938-----	26,372	24,774	18,128	5,919	727	90	84,962	5,748	4,881	708	160
1939-----	25,261	23,731	17,666	5,408	657	110	87,996	6,858	5,810	859	189
1940-----	24,760	23,586	17,641	5,270	666	103	97,006	7,784	6,647	918	219

YEARLY AVERAGE OR YEAR	CONSUMPTION (THOUSANDS OF BALES)						STOCKS IN CONSUMING ESTABLISHMENTS AT END OF YEAR (THOUSANDS OF BALES)				
	Cotton, excluding linters						Cotton, excluding linters				
	Total	Domestic				Foreign	Linters	Total	Domestic	Foreign	Linters
		Total	Upland	Sea Island	American-Egyptian						
1900-1910-----	4,829	4,080	4,610	64	149	163	4,731	4,673	58	39	
1911-1915-----	5,287	5,051	4,876	75	( <sup>4</sup> )	206	822	738	84	86	
1916-1920-----	6,388	6,105	6,034	71	( <sup>4</sup> )	232	1,452	1,352	100	179	
1921-1925-----	5,869	6,577	5,531	9	37	292	1,009	911	92	139	
1926-1930-----	6,736	6,434	6,419	1	15	301	1,150	1,050	100	186	
1931-1935-----	5,466	5,325	5,311	1	14	149	1,116	1,061	55	201	
1920-----	6,420	6,008	6,014	43	46	417	1,358	1,208	150	277	
1924-----	5,681	5,353	5,312	5	36	328	637	722	688	84	
1925-----	6,195	5,917	5,894	4	19	276	659	866	757	79	
1926-----	6,456	6,176	6,162	2	12	280	804	1,087	1,010	80	
1927-----	7,190	6,880	6,859	1	20	308	806	1,405	1,325	80	
1928-----	6,834	6,535	6,519	1	15	299	780	1,012	936	77	
1929-----	7,091	6,778	6,764	1	13	313	879	1,052	932	120	
1930-----	6,106	5,803	5,790	( <sup>5</sup> )	13	302	805	1,163	1,043	185	
1931-----	5,203	5,084	5,068	( <sup>5</sup> )	15	179	714	996	923	74	
1932-----	4,805	4,744	4,732	( <sup>5</sup> )	12	122	637	1,218	1,165	55	
1933-----	6,137	6,004	5,985	1	18	133	761	1,348	1,298	50	
1934-----	5,700	5,553	5,540	( <sup>5</sup> )	13	148	767	1,248	1,172	53	
1935-----	5,391	5,241	5,229	1	11	120	719	789	740	40	
1936-----	6,351	6,220	6,192	( <sup>5</sup> )	21	131	734	897	855	42	
1937-----	7,959	7,763	7,747	( <sup>5</sup> )	20	182	819	1,236	1,218	67	
1938-----	5,748	5,616	5,608	2	6	132	715	1,203	1,223	39	
1939-----	6,858	6,730	6,714	3	19	122	851	862	816	46	
1940-----	7,784	7,655	7,631	3	21	128	1,091	972	913	59	

<sup>1</sup> Includes linters for 1840 to 1908. Figures for all years include foreign and domestic cotton.

<sup>2</sup> Not available. <sup>3</sup> Cotton mills only. <sup>4</sup> Includes linters for 1906 to 1908. <sup>5</sup> Average, 1909 and 1910.

<sup>6</sup> "Upland" includes "American-Egyptian" beginning 1912 (first year produced). <sup>7</sup> Less than 500 bales.

Source: Department of Commerce, Bureau of the Census; annual report, Cotton Production and Distribution.



No. 853.—COTTON SPINDLE ACTIVITY, 1938, 1939, 1940, AND COTTON CONSUMPTION, 1931 TO 1940, BY STATES

NOTE.—Years ended July 31. Consumption includes domestic and foreign cotton and is in running bales counting rounds as half bales, except foreign cotton which is in equivalent 500-pound bales

SECTION AND STATE	COTTON SPINDLES IN PLACE (THOUSANDS)			ACTIVE COTTON SPINDLE HOURS (MILLIONS)			COTTON CONSUMED, EXCLUDING LINTERS (THOUSANDS OF BALES)				
	1937-38	1938-39	1939-40	1937-38	1938-39	1939-40	1931-1935, average	1936-37	1937-38	1938-39	1939-40
United States.....	26,372	25,261	24,750	74,962	87,696	97,006	5,466	7,950	5,748	6,868	7,784
Cotton-growing States.....	13,798	13,119	13,136	59,776	69,231	76,751	4,425	6,626	4,881	5,810	6,647
New England.....	6,773	6,143	5,884	13,709	16,726	18,241	860	1,073	708	859	918
Other States.....	801	799	730	1,477	1,739	2,014	181	251	160	189	219
Alabama.....	1,884	1,811	1,800	5,460	6,507	7,685	570	856	588	727	868
Connecticut.....	696	620	518	1,275	1,301	1,552	60	77	46	54	67
Georgia.....	3,243	3,234	3,210	10,152	12,416	13,554	985	1,562	1,080	1,348	1,565
Maine.....	705	689	685	1,988	2,246	2,363	111	109	120	147	150
Massachusetts.....	3,766	3,434	3,331	6,672	8,700	9,776	442	539	329	410	471
New Hampshire.....	629	429	307	1,455	1,291	1,160	149	157	118	130	111
New York.....	355	347	331	664	781	934	76	116	66	84	95
North Carolina.....	6,049	5,866	5,840	17,150	20,607	23,491	1,298	2,021	1,478	1,789	2,040
Rhode Island.....	979	973	945	2,106	2,906	3,179	91	129	87	108	111
South Carolina.....	5,731	5,619	5,519	20,677	23,244	25,279	1,103	1,511	1,196	1,372	1,536
Tennessee.....	600	550	555	2,306	2,382	2,614	139	191	152	173	191
Texas.....	255	239	237	871	912	960	74	131	119	125	145
Virginia.....	634	639	640	2,053	2,185	2,142	128	174	146	139	149
All other States.....	945	911	833	2,233	2,318	2,376	240	326	222	251	284

Source: Department of Commerce, Bureau of the Census; annual report, Cotton Production and Distribution.

No. 854.—EXPLOSIVES—AMOUNTS (EXCLUDING EXPORTS) MANUFACTURED AND SOLD, CONTINENTAL UNITED STATES AND ALASKA: 1915 TO 1939

NOTE.—In thousands of pounds. Permissible explosives are those approved by the Bureau of Mines as suitable for use in coal mines

YEAR	Total	Permissible explosives	High explosives other than permissible	BLACK BLASTING POWDER		USE	Total	Permissible explosives	High explosives other than permissible	Black blasting powder
				Granular.	Pellet					
1915.....	460,901	27,350	235,829	197,722	.....	1938.....	332,130	41,859	238,576	51,695
1916.....	505,415	34,665	255,155	215,575	.....	Coal mining.....	111,369	41,417	23,584	46,368
1917.....	582,475	43,041	262,316	277,119	.....	Metal mining.....	76,613	20	75,407	186
1918.....	499,125	46,045	206,416	246,663	.....	Quarrying and non-metallic mineral mining.....	42,706	268	40,702	1,737
1919.....	417,634	38,855	198,269	180,511	.....	Railway and other construction work.....	88,780	51	85,692	3,037
1920.....	537,055	53,963	229,112	254,880	.....	All other purposes.....	13,662	103	13,191	367
1921.....	372,108	41,134	170,952	160,021	.....	1939.....	366,438	49,951	278,260	58,237
1922.....	431,772	43,430	209,475	178,866	.....	Coal mining.....	124,232	40,401	23,663	51,169
1923.....	520,728	60,371	237,405	201,951	.....	Metal mining.....	88,280	18	88,061	201
1924.....	495,533	55,134	273,323	167,076	.....	Quarrying and non-metallic mineral mining.....	56,522	387	53,732	2,402
1925.....	501,752	58,353	286,435	156,964	( <sup>1</sup> )	Railway and other construction work.....	103,565	101	99,707	3,758
1926.....	535,890	67,685	310,518	157,687	( <sup>1</sup> )	All other purposes.....	13,839	44	13,087	767
1927.....	499,011	63,847	303,468	131,696	( <sup>1</sup> )	1939.....	366,438	49,951	278,260	58,237
1928.....	475,251	60,708	292,785	98,004	23,754	Coal mining.....	124,232	40,401	23,663	51,169
1929.....	509,708	62,069	326,993	86,818	33,227	Metal mining.....	88,280	18	88,061	201
1930.....	445,090	53,820	291,391	63,139	36,735	Quarrying and non-metallic mineral mining.....	56,522	387	53,732	2,402
1931.....	337,565	41,578	216,157	46,300	33,530	Railway and other construction work.....	103,565	101	99,707	3,758
1932.....	233,887	32,225	137,908	35,793	27,061	All other purposes.....	13,839	44	13,087	767
1933.....	255,987	33,927	157,849	33,887	30,323	1939.....	366,438	49,951	278,260	58,237
1934.....	314,768	39,208	206,625	37,193	31,742	Coal mining.....	124,232	40,401	23,663	51,169
1935.....	308,381	39,170	200,324	34,223	34,665	Metal mining.....	88,280	18	88,061	201
1936.....	391,606	47,859	262,047	40,420	41,278	Quarrying and non-metallic mineral mining.....	56,522	387	53,732	2,402
1937.....	404,744	49,579	288,924	29,837	36,404	Railway and other construction work.....	103,565	101	99,707	3,758
1938.....	332,130	41,859	238,576	23,552	28,143	All other purposes.....	13,839	44	13,087	767
1939.....	386,438	49,951	278,260	28,322	29,915					

<sup>1</sup> Pellet powder is included with granular powder. Pellet powder was first manufactured for general sale in 1925.

Source: Department of the Interior, Bureau of Mines; Production of Explosives in the United States.

No. 855.—TOBACCO PRODUCTS—PRODUCTION, BY KIND

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 94,943,380 cigars in 1939. 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 <sup>1</sup>	Snuff	Large	Small	Large	Small
1901-1905	346,841	175,981		11,003	138,402	20,556	6,513,095	716,720	7,143	3,227,602
1906-1910	413,054	187,480	13,524	12,525	192,700	26,845	6,883,272	1,050,501	10,119	6,192,571
1911-1915	437,346	158,529	15,017	10,795	221,866	31,140	7,087,530	1,033,654	16,693	6,302,418
1916-1920	456,584	159,809	14,346	9,758	237,808	34,805	7,384,937	810,327	26,026	6,566,670
1921-1925	409,457	115,445	10,105	6,972	239,151	37,785	6,091,913	557,300	16,704	65,908,901
1926-1930	389,244	99,470	6,404	5,821	235,421	40,159	6,360,660	414,044	10,479	109,361,216
1931-1935	349,785	64,602	4,014	3,660	239,072	36,987	4,648,368	245,412	20,417	121,702,534
1932	347,270	61,945	4,048	3,354	241,067	35,904	4,332,723	278,749	3,374	106,652,434
1933	342,113	61,361	5,042	3,120	236,401	36,008	4,300,046	290,515	2,846	114,874,217
1934	345,566	62,760	6,080	2,970	237,832	36,894	4,525,780	221,077	88,202	129,976,534
1935	342,728	60,688	6,904	4,683	235,757	36,095	4,685,370	177,822	2,504	139,966,180
1936	347,077	59,155	6,372	5,068	239,349	38,022	5,172,279	180,006	2,458	158,803,958
1937	340,570	58,331	6,774	4,099	233,334	37,141	5,303,300	198,656	3,060	169,939,320
1938	345,369	54,495	5,959	4,572	243,470	37,173	5,014,758	162,900	2,638	171,636,353
1939	343,307	51,233	5,733	4,701	243,640	37,970	5,197,627	150,940	4,369	180,666,824

STATE	NUMBER OF FACTORIES JAN. 1, 1940, MAKING—			PRODUCTION IN 1939 (CALENDAR YEAR)				
	Tobacco and snuff <sup>1</sup>	Cigars	Cigarettes	Tobacco and snuff (1,000 pounds)	Cigars (thousands)		Cigarettes (thousands)	
					Large	Small	Large	Small
Total	608	3,553	75	343,307	5,197,627	156,940	4,369	180,666,824
California	26	125	0	372	68,871	6	1	3,376,493
Connecticut	6	113		28	38,908			
Florida	4	155	2	2	909,007	4,054		1,017
Illinois	75	421	1	25,454	31,822			421
Indiana	23	56		130	98,193			
Kentucky	25	23	4	42,274	3,736		1,611	12,313,821
Louisiana		11			77,965			
Massachusetts	27	215	7	292	38,628		9	3,885
Michigan	22	99	1	8,095	111,672			
Minnesota	15	57		44	5,472			
Missouri	14	71	2	20,238	25,978			11,117
New Hampshire	2	33			57,177			
New Jersey	15	117	3	7,424	764,500	1,360	19	10,491,094
New York	126	838	25	1,489	211,010	2,610	1,955	601,000
North Carolina	11	7	7	124,467	41,575	14,689	478	86,307,663
Ohio	47	177		36,825	246,741	37		
Pennsylvania	74	515	7	7,764	1,818,742	70	111	6,071,339
South Carolina	1	4		9	204,800			
Tennessee	12	8		19,962	13,665			
Virginia	8	12	9	29,161	294,448	133,313	185	61,488,974
West Virginia	6	26		7,817	76,753			
All other	69	470	1	2,470	67,907	1		

<sup>1</sup> Includes scrap chewing tobacco.

<sup>2</sup> Factories producing a taxable product, excluding 228 "quasi" manufacturers.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 856.—TOBACCO CONSUMPTION IN THE UNITED STATES: 1933 TO 1939

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 857

ITEM	1933	1934	1935	1936	1937	1938	1939
Leaf tobacco consumed in manufacture:							
In registered factories	710,668	775,530	775,932	847,367	872,924	865,302	885,209
In bond	1,283	943	1,027	1,165	1,118	1,631	1,743
Manufactured tobacco imported:							
From Puerto Rico	905	903	853	682	475	42	38
Other countries <sup>1</sup>	2,010	3,353	4,456	3,299	4,378	3,381	3,010
Exports of manufactured tobacco <sup>2</sup>	13,606	16,526	18,646	21,543	24,971	27,715	29,262
Remaining for consumption	701,260	784,204	763,622	830,970	853,924	842,641	861,729
Per capita consumption—pounds	5.58	6.04	5.90	6.47	6.61	6.47	6.62

<sup>1</sup> Imports for consumption beginning with 1934; general imports for 1933.

<sup>2</sup> Represents exports to foreign countries and shipments to noncontiguous Territories and possessions.

Source: Leaf tobacco used in registered factories, Treasury Department, Bureau of Internal Revenue; leaf tobacco used in bonded factories, Treasury Department, Bureau of Customs; other data, Department of Commerce, Bureau of Foreign and Domestic Commerce.

## No. 857.—TOBACCO, LEAF—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 856)

CALENDAR YEAR OR YEARLY AVERAGE	Total	Cigars	Ciga- rettes	Tobacco and snuff	CALENDAR YEAR	Total	Cigars	Ciga- rettes	Tobacco and snuff
1896-1900.....	350,053	87,851	16,235	254,967	1929.....	796,026	152,199	346,543	297,053
1901-1905.....	451,461	124,411	12,444	314,606	1930.....	779,806	137,001	347,015	293,900
1906-1910.....	524,193	130,206	22,079	362,908	1931.....	752,404	127,628	320,062	294,813
1911-1915.....	573,283	151,890	52,207	374,186	1932.....	600,134	104,288	290,029	286,317
1916-1920.....	650,460	155,312	130,320	364,828	1933.....	710,068	104,699	326,093	270,876
1921-1925.....	872,077	151,421	198,069	322,588	1934.....	775,530	111,123	375,383	280,024
1926-1930.....	762,540	149,240	312,633	300,767	1935.....	778,932	113,742	369,458	292,751
1931-1935.....	740,634	112,296	345,985	282,652	1936.....	847,367	126,578	453,327	267,462
1920.....	737,354	152,372	267,584	317,399	1937.....	872,924	128,653	470,061	274,300
1927.....	744,288	152,510	290,464	301,314	1938.....	865,302	118,751	489,840	262,711
1928.....	754,025	161,290	310,159	293,176	1939.....	855,299	122,081	500,133	253,485

## No. 858.—DISTILLED SPIRITS, WINES, FERMENTED MALT LIQUORS, AND CEREAL BEVERAGES—PRODUCTION, TAX-PAID WITHDRAWALS, AND IMPORTS

YEAR ENDED JUNE 30—	DISTILLED SPIRITS INCLUDING INDUSTRIAL ALCOHOL (THOUSAND TAX GALLONS) <sup>1</sup>			Still wines (thous. wine gallons) <sup>2</sup>	Sparkling wines (thous. half-pint units) <sup>3</sup>	Rectified spirits and wines (thous. proof gallons)	Fermented malt liquors (thous. barrels) <sup>4</sup>	Cereal beverages <sup>5</sup> (thous. barrels) <sup>4</sup>
	Total	Exclusive of fruit brandy	Fruit brandy					
Production: <sup>6</sup>								
1905.....	153,250	147,811	5,449	(7)	(7)	105,290	40,522	-----
1910.....	163,894	150,238	7,656	(7)	(7)	99,919	59,485	-----
1915.....	160,656	132,134	8,522	(7)	(7)	90,858	59,808	-----
1918.....	173,834	173,476	5,357	(7)	(7)	61,920	50,260	-----
1920.....	101,265	99,610	1,649	(7)	(7)	591	9,231	-----
1925.....	167,493	160,951	548	3,638	62	40	(9)	5,119
1928.....	170,515	170,103	412	4,823	11	46	(9)	4,131
1929.....	205,038	203,844	1,194	11,332	409	35	(8)	3,866
1930.....	197,221	196,805	416	3,155	445	31	(8)	3,081
1931.....	170,394	169,374	820	6,059	1	22	(8)	3,137
1932.....	150,391	149,760	631	5,210	3	(9)	(9)	2,706
1933.....	123,405	121,819	1,586	18,756	10	(7)	(9)	1,261
1934.....	241,610	233,036	8,574	77,778	10,657	(7)	<sup>10</sup> 37,678	130
1935.....	349,772	330,395	9,877	91,030	6,214	23,094	45,229	131
1936.....	449,954	429,900	20,094	170,303	8,277	32,449	51,812	119
1937.....	432,138	409,006	12,472	122,045	9,623	44,311	58,748	103
1938.....	351,190	328,045	22,544	228,720	9,780	43,500	50,340	70
1939.....	346,344	318,397	27,446	231,959	6,084	43,401	53,871	63
1940.....	387,183	368,756	18,427	212,363	9,035	47,057	54,892	61
Withdrawals, tax-paid: <sup>6</sup>								
1937.....	120,011	118,094	1,917	62,035	7,006	-----	55,392	<sup>12</sup> 101
1938.....	114,262	113,220	1,706	61,176	7,223	-----	53,926	<sup>12</sup> 99
1939.....	114,678	112,888	1,690	67,376	6,338	-----	51,817	<sup>12</sup> 62
1940.....	128,326	126,749	1,577	82,177	8,377	-----	53,014	<sup>12</sup> 40
Imports for consumption:								
1938.....	<sup>13</sup> 13,856	<sup>13</sup> 13,155	<sup>13</sup> 701	3,054	<sup>14</sup> 543	486	(15)	-----
1939.....	<sup>13</sup> 10,824	<sup>13</sup> 10,123	<sup>13</sup> 700	3,157	<sup>14</sup> 514	324	(15)	-----
1940.....	<sup>13</sup> 12,039	<sup>13</sup> 11,166	<sup>13</sup> 883	3,893	<sup>14</sup> 644	370	(15)	-----

<sup>1</sup> In computing taxable gallons all fractional parts of a proof gallon less than one-tenth are excluded.

<sup>2</sup> Production represents the amount removed from fermenters including wine that is removed for use as distilling material in the production of brandy.

<sup>3</sup> Includes artificially carbonated wine. Tax is payable "on each one-half pint (for artificially carbonated wine, 'on each pint' beginning June 26, 1936) or fraction thereof" of "each bottle or other container."

<sup>4</sup> Barrels of not more than 31 gallons. <sup>5</sup> C containing less than one-half of 1 percent alcohol by volume.

<sup>6</sup> Includes data for Alaska, Hawaii, and Puerto Rico.

<sup>7</sup> No data compiled by Bureau of Internal Revenue. <sup>8</sup> No legal production.

<sup>9</sup> Includes 1,588,788 barrels produced prior to Apr. 7 (effective date of the Act of Mar. 22, 1933).

<sup>10</sup> Alcoholic content limited to 3.2 percent by weight from Apr. 7 to Dec. 5, 1933.

<sup>11</sup> Does not include brandy withdrawn for the fortification of wine.

<sup>12</sup> Total withdrawals; tax law repealed, effective May 10, 1934. <sup>13</sup> In thousands of proof gallons.

<sup>14</sup> In thousands of wine gallons. <sup>15</sup> Figures not available.

Source of tables 857 and 858: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner. Imports, Department of Commerce, Bureau of Foreign and Domestic Commerce; Monthly Summary of Foreign Commerce of the U. S.

No. 859.—DENATURED ALCOHOL:<sup>1</sup> 1910 TO 1940

YEAR ENDED JUNE 30—	Alcohol produced at industrial alcohol plants <sup>2</sup>	Denaturing plants	Ethyl alcohol withdrawn for denaturation <sup>3</sup>	DENATURED ALCOHOL PRODUCED		
				Completely denatured	Specially denatured	Total
	<i>Proof gallons</i>		<i>Proof gallons</i>	<i>Wine gallons</i>	<i>Wine gallons</i>	<i>Wine gallons</i>
1910		12	10,605,871	3,076,625	3,002,103	6,078,728
1915		23	25,411,719	5,386,047	8,599,822	13,985,869
1920	18,933,551	52	45,640,949	13,528,403	15,307,947	28,836,350
1925	106,165,518	91	182,254,039	40,983,970	34,824,303	81,808,273
1929	202,616,750	70	186,045,935	53,296,717	54,623,207	107,919,924
1930	193,823,717	68	185,000,827	59,003,510	47,713,468	106,716,978
1931	198,109,617	61	182,606,700	50,000,627	37,414,521	87,415,148
1932	146,950,913	50	136,888,865	35,002,096	44,541,336	79,543,432
1933	115,609,754	43	107,657,981	27,275,071	35,800,271	63,075,342
1934	105,103,522	41	139,681,129	27,174,311	55,067,092	82,241,403
1935	130,645,920	39	166,253,606	38,740,679	58,284,395	97,025,074
1936	190,126,236	37	174,357,295	36,522,368	64,955,485	101,477,853
1937	223,181,228	45	181,034,322	22,118,378	30,084,281	52,202,659
1938	201,033,858	43	165,848,246	25,598,717	69,009,024	94,607,741
1939	201,017,546	38	177,836,688	17,179,433	88,561,077	105,740,510
1940	243,727,756	40	225,160,792	15,352,033	111,409,797	126,761,830

<sup>1</sup> Includes data for Hawaii for all years and data for Puerto Rico beginning with Aug. 1, 1923.  
<sup>2</sup> Separate accounts for alcohol produced at industrial alcohol plants required commencing May 1, 1920.  
<sup>3</sup> Figures include rum and spirits produced at distilleries for denaturation.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 860.—ETHYL ALCOHOL AND OTHER DISTILLED SPIRITS, EXCEPT BRANDY—MATERIALS USED IN PRODUCTION, BY KINDS: 1901 TO 1940

YEAR ENDED JUNE 30—	Molasses (thousand gallons)	GRAIN (THOUSAND BUSHELS)				ETHYL SULPHATE	PINE-APPLE JUICE	OTHER MATERIALS <sup>1</sup>	
		Corn	Malt	Rye	Other <sup>1</sup>			Thousand gallons	Thousand pounds
1901	3,165	18,867	3,274	5,086	52				
1902	12,486	18,474	3,801	5,585	68				
1903	15,544	20,698	3,764	5,873	72				
1904	18,549	19,149	3,455	5,024	80				
1905	20,550	20,693	3,769	5,489	47				
1906	22,638	20,002	3,759	5,596	36				
1907	25,723	23,475	4,440	6,251	46				
1908	28,945	17,384	2,975	3,756	32				
1909	33,550	18,081	3,221	4,304	22				
1910	42,293	20,547	3,705	5,043	33				
1911	44,363	23,247	4,653	5,376	91				
1912	61,606	23,017	4,076	5,000	85				
1913	64,641	23,848	4,253	5,828	110				
1914	64,721	21,316	3,639	5,342	83				
1915	123,801	14,260	2,357	2,441	80				
1916	80,977	32,070	4,481	3,117	82		71,165		
1917	112,498	39,973	4,240	2,375	81		78,493		
1918	118,028	14,545	1,690	249	172		68,527		
1919	123,499	3,890	573	25	86		9,801		
1920	113,133	1,058	215	50	52		19,327		
1921	119,053	4,890	914	188	29		31,101		
1922	97,223	3,093	810	35	1		74,705		
1923	148,711	3,106	831	5			32,543	12	
1924	155,061	4,847	1,153	91	20		35,525	155,756	
1925	203,270	7,201	1,071	97	11		37,824	112,392	
1926	267,404	7,948	650	13	12		44,508	46,885	
1927	211,619	8,883	505	7			40,942	49,460	
1928	213,030	6,194	453	7	9		50,765	79,570	
1929	268,045	9,802	370	8			53,884	53,038	
1930	235,797	9,966	666	208	35	1,274	21,601	65,535	
1931	187,790	2,454	643	6,385	28	10,072	5,768	19,302	
1932	161,295	4,848	606	218	332	4,235	4,235	15,072	
1933	177,639	5,818	590	564	6	8,943	5,544	6,772	
1934	174,031	10,302	2,515	4,509	48	9,568	7,491	1,672	
1935	195,266	10,400	4,810	10,850	55	13,690	5,317	1,160	
1936	179,123	31,825	6,650	12,835	66	24,403	6,780	8,092	
1937	203,071	36,242	6,910	11,633	65	25,493	3,598	12,248	
1938	168,722	19,827	3,690	6,055	48	20,677	2,067	27	
1939	163,223	18,087	3,275	5,495	61	35,839	1,594	26,177	
1940	198,929	18,911	3,330	5,614	42	45,786	3,256	13,801	

<sup>1</sup> Wheat, barley, rice, etc.; also mixtures of corn, malt, and rye.  
<sup>2</sup> Diarrh, sulphite liquor, maniocca meal, maguery juice, maple sirup, cider, corn sirup, potatoes, crude alcohols mixture, cellulose pulp and chemical mixtures, etc.

Source: Treasury Department: 1901 to 1933, Bureau of Industrial Alcohol; Statistics Concerning Intoxicating Liquors. 1934 and subsequent years, Bureau of Internal Revenue; annual and special reports.

## No. 861.—MOTION-PICTURE PRODUCTION—SUMMARY: 1921 TO 1937

NOTE.—All money figures are in thousands of dollars. Data represent the activities of the motion-picture studios and laboratories. They do not include the distribution of films and their projection in theatres. No data are included for establishments which reported less than \$5,000 as the cost of work done. The motion-picture industry has been canvassed, since 1921, in connection with the Biennial Census of Manufactures. It is not, however, a manufacturing industry, but was treated as such prior to 1931

YEAR AND STATE	Number of establishments	PERSONS ENGAGED		SALARIES AND WAGES		Cost of contract work	Cost of studio supplies, fuel, etc. <sup>1</sup>	Cost of production
		Salariéd officers and employées	Wages earners (average for year)	Salaries	Wages			
UNITED STATES								
1921.....	127	4,400	6,259	22,953	14,740	563	31,190	77,397
1923.....	97	3,496	6,408	21,824	16,601	1,609	30,657	86,418
1925.....	132	5,945	5,573	35,951	13,066	5,369	33,258	93,636
1927.....	142	7,598	8,415	53,299	18,637	15,477	34,867	124,343
1929.....	142	8,818	10,784	60,168	24,860	11,312	38,441	134,102
1931.....	140	<sup>2</sup> 14,339		<sup>2</sup> 70,637		12,016	32,222	154,436
1933.....	92	<sup>3</sup> 8,260	10,777	<sup>3</sup> 52,948	18,395	4,028	26,153	119,343
1935.....	129	12,675	14,917	79,743	24,686	5,145	29,541	161,865
1937.....	83	15,845	18,779	104,324	35,204	7,013	35,575	197,741
STATES, 1937								
California.....	35	14,007	16,398	101,410	31,533	5,175	25,330	171,943
Los Angeles.....	24	6,787	8,558	52,231	16,500	1,454	17,027	87,765
Remainder of State.....	11	7,220	7,840	49,189	15,033	3,721	8,302	84,178
Illinois.....	7	67	89	136	117	14	146	481
New York.....	21	1,421	1,462	2,039	2,478	1,586	5,206	16,378
Other States.....	20	350	830	730	1,137	237	4,893	8,039

## PRODUCTS, BY KIND AND COST, AND RECEIPTS FOR WORK DONE

	1931	1933	1935	1937		1931	1933	1935	1937
Total cost of work done.....	154,436	119,343	161,865	187,741	Unfinished productions, cost..... Laboratory work: Positive films, cost..... Receipts for work done for others... Value of other work done..... Receipts for use of studio facilities....	14,729	14,581	15,084	33,075
Negative films, cost.....	108,560	82,280	118,673	131,755		12,556	7,625	6,046	8,218
Theatrical:						14,332	11,835	15,089	15,318
Number.....	1,227	1,059	1,064	3,942		2,802	1,520	1,818	3,468
Cost.....	100,065	77,536	110,975	126,039		1,457	1,502	4,554	5,907
News, cost.....	3,422	<sup>4</sup> 4,576	<sup>4</sup> 4,940	<sup>4</sup> 4,540					
Advertising, cost.....	4,664		324	<sup>4</sup> 1,176					
Educational, cost.....	409	168							
Other films, cost.....			2,434						

<sup>1</sup> Includes cost of studio supplies, containers for films, fuel, and purchased electric energy.  
<sup>2</sup> Data cover "productive employées" only. These include all wage earners and a part, but not all, of the salariéd employées. Figures are not, therefore, comparable with either the wage-earner figures or with the total number of persons engaged. Data for other years cover all classes of employées.  
<sup>3</sup> Does not include data for salariéd officers of corporations.  
<sup>4</sup> Combined to avoid disclosing approximations of data for individual establishments.

Source: Department of Commerce, Bureau of the Census; Biennial Census report, Motion Pictures

No. 862.—PATENT APPLICATIONS, CAVEATS FILED, AND PATENTS AND CERTIFICATES OF REGISTRATION ISSUED SINCE INITIATION OF THE PATENT SYSTEM: 1836 TO 1939

NOTE.—The number of patents granted prior to July 28, 1836, was 9,957. Data include patents issued to citizens of the United States and residents of foreign countries

CALENDAR YEAR OR PERIOD	Patent applications <sup>1</sup>	Caveats filed <sup>2</sup>	PATENTS ISSUED				CERTIFICATES OF REGISTRATION ISSUED					
			Total	Patents	Designs	Reissues	Total	Trade-marks	Trade-mark renewals	Labels	Prints	
1836-1850 <sup>3</sup>	4 14,062	4 4,763	8,387	7,804	5 840	6 183						
1851-1860	44,302	9,571	25,087	23,140	1,025	922						
1861-1870	128,763	22,228	85,910	79,612	3,181	3,117	7 121	7 121				
1871-1880	206,436	29,350	138,355	126,520	7,535	5,300	10,395	8,017			8 2,378	
1881-1890	352,475	25,012	217,821	207,850	8,357	1,014	14,060	10,636			9 4,024	
1891-1900	410,049	21,199	234,056	220,840	13,374	742	18,794	16,903			10 1,006	10 285
1901-1905	253,417	9,168	148,201	143,791	3,953	547	18,590	12,768			4,579	1,243
1906-1910	307,187	8,880	175,018	171,560	3,297	761	30,375	32,060			2,856	1,459
1911-1915	350,937		194,387	186,241	7,295	851	32,381	27,369			3,522	1,490
1916-1920	368,737		207,108	197,644	8,486	978	35,364	30,681			3,411	1,272
1921-1925	427,127		217,525	203,977	12,326	1,222	81,566	68,881	11 2,278		7,361	3,046
1926-1930	450,904		234,857	219,384	13,796	1,077	90,729	71,469	12,067		8,736	4,457
1931-1935	342,851		256,219	230,253	15,079	1,887	72,783	52,432	9,282		8,466	2,603
1904	52,143	1,808	30,984	30,267	557	110	3,569	2,158			1,114	207
1905	54,971	1,896	30,939	29,784	486	129	5,679	4,490			830	359
1906	56,482	1,885	31,965	31,181	625	159	11,933	10,568			709	656
1907	58,762	1,967	33,620	35,880	589	151	8,800	7,878			667	315
1908	61,475	2,110	33,682	32,757	757	108	6,029	5,191			618	220
1909	65,839	1,948	37,421	36,574	687	160	4,824	4,134			492	148
1910	64,029	970	35,930	35,108	639	123	4,720	4,239			370	120
1911	69,121		34,084	32,917	1,010	157	5,112	4,205			659	248
1912	70,970		37,731	36,231	1,342	158	5,896	5,020			533	243
1913	70,367		35,788	33,941	1,683	104	6,063	5,005			708	260
1914	70,404		41,850	39,945	1,715	190	7,874	6,817			719	338
1915	70,069		44,934	43,207	1,545	182	7,456	6,292			803	371
1916	71,033		45,927	43,970	1,759	198	8,087	6,791			864	432
1917	70,373		42,760	41,039	1,612	179	6,197	5,339			613	245
1918	59,800		39,941	38,509	1,207	165	4,912	4,001			654	107
1919	60,638		38,598	36,872	1,623	203	4,874	4,208			520	146
1920	86,893		39,882	37,104	2,485	233	11,294	10,282			760	262
1921	93,395		41,401	37,855	3,277	239	13,605	11,654			1,485	466
1922	89,028		40,287	38,414	1,627	256	14,992	12,793			1,612	637
1923	79,189		40,787	38,634	1,927	226	10,725	14,845			1,261	619
1924	60,888		45,650	42,594	2,671	235	17,562	15,749			1,278	535
1925	84,627		49,540	46,450	2,824	266	18,682	13,840	2,278		1,725	839
1926	86,116		47,627	44,750	2,602	275	21,819	14,964	4,282		1,686	887
1927	92,122		44,444	41,731	2,387	328	20,548	14,536	3,063		1,807	1,092
1928	92,725		45,899	42,376	3,188	335	19,084	14,142	2,049		1,921	972
1929	94,738		48,555	45,254	2,907	374	18,087	14,526	1,008		1,711	842
1930	94,203		48,322	45,243	2,712	367	17,191	13,251	1,665		1,611	664
1931	84,423		55,103	51,771	2,937	395	15,328	11,407	1,643		1,683	505
1932	71,864		50,856	48,619	2,944	396	13,190	9,613	1,687		1,443	453
1933	60,653		51,658	48,819	2,411	333	12,753	9,140	1,065		1,470	483
1934	61,572		47,763	44,401	2,821	371	10,063	11,375	2,407		1,786	495
1935	64,369		44,944	40,683	3,800	395	15,438	10,897	1,880		2,084	677
1936	69,585		44,820	40,842	4,550	422	14,804	10,732	1,886		1,740	446
1937	72,984		43,271	37,750	5,137	384	15,276	11,254	1,524		1,850	648
1938	75,429		43,493	38,117	5,027	349	13,564	10,212	1,051		1,762	539
1939	71,689		49,080	45,135	5,593	352	14,337	10,526	1,899		1,897	605

<sup>1</sup> Figures include patents for inventions, designs, and reissues of patents. Includes applications without fees.  
<sup>2</sup> Caveat law repealed June 25, 1910.  
<sup>3</sup> Data are for period from July 28, 1836, to Dec. 31, 1850, except as otherwise specified.  
<sup>4</sup> Data are for 11 years beginning 1840; records prior to this date are not available.  
<sup>5</sup> Data are for 8 years beginning 1843.  
<sup>6</sup> Data are for 13 years beginning 1838.  
<sup>7</sup> Data are for the year 1870.  
<sup>8</sup> Data are for 7 years beginning 1874.  
<sup>9</sup> Registration of labels suspended from May 27, 1891, to June 9, 1896.  
<sup>10</sup> Data are for 8 years; first print registered Mar. 7, 1893.  
<sup>11</sup> Data are for the year 1925.  
<sup>12</sup> Figures include plant patents issued since the law passed May 23, 1930, as follows: 5 in 1931; 46 in 1932; 33 in 1933; 32 in 1934; 45 in 1935; 49 in 1936; 55 in 1937; 41 in 1938; 45 in 1939.

Source: Department of Commerce, United States Patent Office; records (not published elsewhere). Fiscal year figures published in Annual Report of the Secretary.

### 33. DISTRIBUTION, SERVICES, AND HOTELS

[Data in this section relate to continental United States]

#### No. 863.—MANUFACTURERS' SALES—DISTRIBUTION, BY PRIMARY CHANNELS, BY INDUSTRY GROUPS: 1929 AND 1935

NOTE.—Figures do not cover sales or distribution expenses of manufacturers' own wholesale branches or retail stores, which are covered in data for wholesale trade and retail trade, respectively. Figures were not compiled for industries: (1) Where no outside sales were made, the plants being maintained for the purpose of making repairs, such as railroad repair shops; (2) where sales were made direct to users, the value of products in most instances comprising the sale of services, such as engraving and lithographing industries; (3) in which the plants were engaged, for the most part, in performing labor on materials owned by others so that their sales represented the sales of services rather than commodities, such as electroplating and galvanizing industries; and (4) where the plants of one organization so dominated that to show distribution of sales figures would disclose individual operations. The following table is limited to industries which are directly comparable in 1929 and 1935, while table 864 covers all industries for which 1935 data were compiled

[Amount of sales in thousands of dollars]

INDUSTRY GROUP	TOTAL DIS- TRIBUTED SALES, 1935		1935 DISTRIBUTED SALES OF INDUS- TRIES COMPARABLE WITH 1929		PERCENT OF DISTRIBUTED SALES MADE TO—			
	Amount	Num- ber of plants	Amount	Num- ber of plants	Own wholesale branches		Industrial users	
					1929	1935	1929	1935
All industries.....	38, 176, 470	134, 286	26, 323, 269	91, 688	18. 0	20. 6	28. 0	24. 6
Food and kindred products.....	9, 450, 989	47, 992	8, 084, 630	40, 159	24. 6	21. 5	6. 9	7. 9
Textiles and their products.....	5, 323, 427	16, 665	1, 111, 209	4, 679	5. 8	4. 8	13. 0	16. 9
Forest products.....	1, 628, 578	15, 661	1, 436, 220	15, 309	4. 5	5. 9	33. 8	32. 0
Paper and allied products.....	1, 291, 557	2, 919	1, 291, 557	2, 919	3. 8	5. 8	51. 8	54. 9
Chemicals and allied products.....	2, 583, 174	7, 269	1, 028, 492	3, 353	12. 2	20. 2	33. 5	30. 9
Petroleum and coal products.....	1, 831, 104	676	1, 665, 073	415	60. 1	64. 3	8. 5	10. 0
Rubber.....	655, 995	467	655, 995	467	41. 7	43. 0	25. 9	29. 3
Leather and its manufactures.....	1, 166, 286	3, 380	1, 056, 611	2, 745	21. 3	20. 4	14. 5	18. 4
Stone, clay, and glass products.....	885, 533	5, 629	577, 924	3, 547	4. 9	28. 3	36. 3	31. 6
Iron and steel and their products.....	3, 532, 059	6, 363	2, 905, 447	3, 589	5. 9	21. 3	55. 8	59. 8
Nonferrous metals and their products.....	1, 560, 844	4, 757	697, 858	2, 859	5. 9	6. 8	56. 3	61. 1
Machinery.....	3, 243, 366	10, 692	1, 175, 801	3, 212	17. 8	20. 1	41. 9	44. 5
Transportation equipment.....	2, 913, 924	1, 133	2, 876, 030	1, 016	17. 0	10. 4	24. 3	21. 8
Miscellaneous.....	2, 208, 634	10, 682	1, 765, 422	7, 419	5. 9	4. 4	9. 0	6. 6

INDUSTRY GROUP	PERCENT OF DISTRIBUTED SALES MADE TO—CON.								PERCENT OF DISTRIBUTED SALES NEGOTIATED THROUGH AGENTS, ETC.	
	Whole- salers and jobbers		Own retail stores		Retailers		Household consumers		1929	1935
	1929	1935	1929	1935	1929	1935	1929	1935		
All industries.....	31. 8	27. 3	2. 4	2. 2	20. 0	22. 9	1. 8	2. 4	7. 4	8. 3
Food and kindred products.....	31. 6	28. 5	3. 2	3. 8	29. 2	33. 2	4. 5	5. 1	12. 1	14. 0
Textiles and their products.....	22. 4	15. 3	4. 6	5. 1	50. 8	55. 3	3. 4	2. 6	4. 8	5. 9
Forest products.....	30. 2	27. 1	1. 2	1. 3	24. 5	26. 0	. 8	. 1	12. 1	15. 1
Paper and allied products.....	39. 1	32. 4	. . .	. . .	5. 3	6. 8	(1)	. . .	8. 0	5. 6
Chemicals and allied products.....	39. 1	31. 0	. 5	. 3	12. 7	15. 3	2. 0	2. 3	16. 1	14. 6
Petroleum and coal products.....	18. 6	19. 6	7. 6	4. 4	5. 2	1. 6	(1)	. 1	2. 4	1. 3
Rubber.....	16. 1	15. 9	. 5	2. 7	15. 6	0. 0	. 2	. 1	2. 4	2. 1
Leather and its manufactures.....	25. 0	16. 7	3. 7	2. 7	35. 1	41. 6	. 4	. 2	6. 1	7. 3
Stone, clay, and glass products.....	49. 8	18. 8	. 1	. 3	6. 2	16. 9	2. 7	4. 1	8. 3	7. 4
Iron and steel and their products.....	34. 1	13. 4	. 3	. 3	3. 0	4. 8	(1)	. 4	6. 5	5. 4
Nonferrous metals and their products.....	27. 8	20. 6	. 3	. 2	8. 2	10. 4	1. 5	. 9	4. 4	6. 0
Machinery.....	29. 0	24. 6	4. 4	2. 6	6. 7	7. 4	. 2	. 5	6. 9	8. 5
Transportation equipment.....	27. 5	26. 3	1. 9	. 4	20. 1	31. 4	. 2	. 7	1. 0	. 9
Miscellaneous.....	67. 0	72. 6	. 6	. 6	14. 8	13. 9	2. 7	1. 9	2. 7	2. 6

<sup>1</sup> Less than one-tenth of 1 percent.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Distribution of Manufacturers' Sales.

No. 864.—MANUFACTURERS' SALES—PRIMARY CHANNELS OF DISTRIBUTION AND DISTRIBUTION EXPENSES, BY INDUSTRY GROUPS:1935

[Sales and distribution expenses in millions and tenths of millions of dollars. See headnote, table 803]

	All in- dustries	Food and kindred prod- ucts	Textiles and prod- ucts	Forest prod- ucts	Paper and allied prod- ucts	Print- ing and pub- lish- ing	Chem- icals and allied prod- ucts	Prod- ucts of petro- leum and coal
<b>SALES BY CHANNELS OF DISTRIBUTION</b>								
Plants reporting.....	134,392	47,992	16,665	15,661	2,919	107	7,209	676
Total net sales.....	43,801.2	10,489.5	5,879.1	1,694.1	1,531.7	41.0	2,863.2	2,148.2
Total distributed sales.....	38,212.9	9,451.0	5,323.4	1,528.6	1,201.6	37.4	2,583.2	1,831.1
To own wholesale branches.....	7,499.5	2,014.2	384.3	101.6	74.9		848.3	1,117.9
Percent of total sales.....	17.1	19.2	6.5	6.0	4.8		29.7	51.9
To industrial and other large users.....	10,742.3	711.8	1,307.0	506.4	708.3	19.4	805.4	231.3
Percent of total sales.....	24.5	6.8	22.2	29.9	46.6	47.2	28.1	10.8
To wholesalers and jobbers.....	10,134.4	2,900.1	1,403.7	415.5	418.8	6.9	548.8	360.8
Percent of total sales.....	23.2	27.6	23.9	24.5	27.5	10.8	19.2	16.8
To own retail stores.....	629.1	312.3	70.1	18.0			17.6	72.8
Percent of total sales.....	1.5	3.0	1.2	1.1			.6	3.4
To retailers.....	8,412.1	3,043.7	2,092.8	427.7	88.0	7.1	308.5	40.6
Percent of total sales.....	19.2	29.1	35.7	25.2	5.8	17.3	10.8	1.9
To household consumers.....	795.5	464.0	65.0	59.4	1.5	4.1	54.5	7.9
Percent of total sales.....	1.8	4.4	1.1	3.5	.1	9.9	1.9	.4
Interplant transfers.....	4,360.8	776.0	335.9	96.2	210.8	1.0	204.3	204.0
Percent of total sales.....	9.9	7.4	5.7	5.7	13.9	2.5	7.1	9.5
Sales not allocated <sup>1</sup> .....	1,237.6	262.5	219.7	69.3	19.4	2.6	75.8	113.1
Percent of total sales.....	2.8	2.5	3.7	4.1	1.3	6.3	2.6	5.3
Percent of total sales made through—								
Own sales organizations.....	91.0	88.1	78.3	86.3	95.4	98.3	90.3	97.7
Agents, brokers, etc.....	9.0	11.9	21.7	13.7	4.6	1.7	9.7	2.3
<b>DISTRIBUTION EXPENSES</b>								
Plants reporting.....	53,623	17,735	8,197	4,516	1,353	13	3,071	249
Net sales.....	21,417.6	6,313.2	2,853.3	871.3	708.2	7.4	1,137.3	277.2
Distribution expenses, total <sup>2</sup> .....	2,006.5	594.8	249.0	99.7	65.3	7	172.4	20.5
Percent of sales.....	9.4	9.4	8.7	11.4	8.5	8.8	15.2	7.4
Distribution pay roll.....	883.0	261.2	127.6	47.3	30.7	4	66.8	7.2
Percent of sales.....	4.1	4.1	4.6	5.5	4.0	6.0	5.0	2.6

	Rub- ber prod- ucts	Leather and its manu- factures	Stone, clay, and glass prod- ucts	Iron, and steel and prod- ucts	Non- ferrous metals and prod- ucts	Ma- chinery	Trans- porta- tion equip- ment <sup>3</sup>	Mis- cella- neous
<b>SALES BY CHANNELS OF DISTRIBUTION</b>								
Plants reporting.....	467	3,380	5,029	6,363	4,757	10,692	1,133	10,682
Total net sales.....	666.9	1,281.1	950.5	4,280.4	1,627.1	3,631.3	4,142.0	2,275.9
Total distributed sales.....	656.0	1,166.3	885.5	3,532.1	1,560.9	3,243.4	2,913.9	2,208.6
To own wholesale branches.....	282.0	230.8	252.5	681.4	152.7	651.7	558.1	148.4
Percent of total sales.....	40.6	18.0	26.5	15.9	9.4	16.6	13.5	6.5
To industrial and other large users.....	192.2	257.0	302.1	2,139.7	1,077.6	1,566.1	645.9	272.2
Percent of total sales.....	27.6	20.1	31.8	50.2	66.2	39.9	15.6	12.0
To wholesalers and jobbers.....	104.6	192.2	172.9	501.9	203.9	756.3	764.3	339.2
Percent of total sales.....	15.0	15.0	18.2	11.8	12.5	19.1	18.5	61.1
To own retail stores.....	17.4	20.5	1.6	8.8	3.9	52.2	12.5	13.3
Percent of total sales.....	2.5	2.3	.2	.2	.2	1.3	.3	.6
To retailers.....	59.0	454.2	128.1	186.1	110.1	201.6	913.1	346.7
Percent of total sales.....	8.5	35.4	13.5	4.4	6.8	5.1	22.0	15.2
To household consumers.....	.7	2.5	28.2	14.1	13.7	20.9	20.0	38.9
Percent of total sales.....	.1	.2	3.0	.3	.5	.6	.5	1.7
Interplant transfers.....	22.5	84.8	41.1	667.1	49.6	552.9	1,060.6	43.8
Percent of total sales.....	3.2	6.6	4.3	15.7	3.1	14.1	25.6	1.9
Sales not allocated <sup>1</sup> .....	17.4	30.0	23.0	61.2	16.6	135.0	167.5	23.4
Percent of total sales.....	2.5	2.4	2.5	1.4	1.0	3.4	4.0	1.0
Percent of total sales made through—								
Own sales organizations.....	98.0	93.5	93.8	95.3	95.6	93.0	90.4	97.5
Agents, brokers, etc.....	2.0	6.5	6.2	4.7	4.4	7.0	.6	2.5
<b>DISTRIBUTION EXPENSES</b>								
Plants reporting.....	259	1,589	1,944	2,941	1,939	4,721	540	4,556
Net sales.....	517.7	598.3	373.4	1,606.8	640.1	2,266.6	1,993.3	1,203.5
Distribution expenses, total <sup>2</sup> .....	40.2	53.5	43.7	130.5	58.4	263.7	63.7	160.4
Percent of sales.....	7.8	8.9	11.7	8.1	9.1	11.7	3.2	12.5
Distribution pay roll.....	14.1	26.1	21.4	60.3	28.4	110.4	23.6	56.0
Percent of sales.....	2.7	4.4	5.7	3.8	4.4	4.9	1.2	4.7

<sup>1</sup> Or not distributed through usual channels.

<sup>2</sup> Including pay roll.

<sup>3</sup> Air, land, and water.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Distribution of Manufacturers' Sales.



NOTE.—Figures for 1929 and 1933 are

[Sales, expenses, pay roll, and

DIVISION AND STATE	NUMBER OF ESTABLISHMENTS			NET SALES			Active proprietors and firm members, 1935	EMPLOYEES (FULL TIME AND PART TIME), AVERAGE FOR YEAR <sup>1</sup>	
	1929	1933	1935	1929	1933	1935		1929	1933
United States.....	188,820	163,583	178,769	66,983,024	30,009,590	42,802,913	97,225	1,510,494	1,187,688
New England.....	9,766	8,592	9,590	4,005,910	1,667,712	2,528,487	5,166	108,152	74,454
Maine.....	8,986	860	970	175,853	98,462	127,840	504	7,214	5,567
New Hampshire.....	325	334	363	60,500	38,074	54,099	172	2,205	2,244
Vermont.....	308	300	344	57,393	41,751	58,507	140	1,898	2,153
Massachusetts.....	6,038	5,125	5,739	2,948,872	1,334,893	1,806,346	3,215	70,142	40,630
Rhode Island.....	734	577	683	275,357	128,808	180,597	369	7,516	5,352
Connecticut.....	1,365	1,396	1,481	488,435	225,724	306,078	706	17,117	12,118
Middle Atlantic.....	38,045	34,170	40,392	22,702,703	10,364,085	14,266,623	25,436	410,399	301,563
New York.....	25,202	21,825	26,915	17,143,753	7,856,469	10,846,900	16,620	274,699	199,067
New Jersey.....	2,334	2,082	3,025	935,521	492,270	708,045	1,670	26,578	24,190
Pennsylvania.....	10,509	9,663	10,452	4,623,429	2,015,356	2,741,012	7,240	109,122	78,300
East North Central.....	32,058	34,442	35,638	13,445,712	5,786,417	8,709,015	19,732	334,893	242,322
Ohio.....	8,035	8,286	9,086	2,925,525	1,307,382	2,028,552	5,323	79,076	64,450
Indiana.....	3,726	4,220	4,333	888,816	396,107	654,917	2,183	24,311	20,781
Illinois.....	11,556	11,898	12,009	6,675,726	2,715,150	3,937,609	6,611	168,043	94,828
Michigan.....	5,239	5,791	6,065	2,027,341	827,256	1,410,767	3,530	44,584	37,638
Wisconsin.....	3,502	4,238	4,145	928,304	479,516	677,170	2,805	28,802	24,025
West North Central.....	28,629	29,115	29,598	8,454,665	3,508,287	4,786,928	13,745	187,276	144,897
Minnesota.....	5,243	5,178	5,095	1,007,535	853,915	1,188,413	2,586	30,054	31,336
Iowa.....	4,946	5,250	5,063	1,043,316	461,730	627,795	2,619	26,748	22,142
Missouri.....	6,649	6,085	6,091	3,306,586	1,354,198	1,811,544	3,740	77,320	52,260
North Dakota.....	2,618	2,435	2,435	261,131	93,280	133,808	588	5,917	4,852
South Dakota.....	1,972	1,785	1,899	236,095	78,264	99,292	534	5,352	4,602
Nebraska.....	2,880	3,409	3,122	1,053,441	387,601	527,710	1,603	10,882	14,404
Kansas.....	4,315	5,003	4,621	880,611	292,279	398,387	2,076	18,994	14,561
South Atlantic.....	15,692	14,507	15,367	4,485,643	2,338,443	3,468,153	8,546	122,690	116,631
Delaware.....	286	259	262	118,087	59,182	106,300	148	2,118	1,700
Maryland.....	2,198	2,224	2,316	711,412	386,450	496,017	1,744	21,712	18,906
Dist. of Columbia.....	492	568	629	223,401	144,119	242,729	327	6,766	6,886
Virginia.....	2,331	2,370	2,123	621,130	325,155	502,051	1,065	20,139	20,560
West Virginia.....	1,127	1,178	1,251	341,433	185,532	231,076	617	10,047	8,260
North Carolina.....	2,403	2,356	2,458	695,118	393,370	555,396	1,460	15,745	17,856
South Carolina.....	1,639	1,242	1,422	338,528	172,062	267,122	809	6,113	6,591
Georgia.....	3,175	2,269	2,667	997,447	409,362	605,272	1,371	21,276	16,237
Florida.....	2,041	2,041	2,239	444,078	263,211	399,290	1,005	18,725	20,655
East South Central.....	7,719	8,808	7,594	2,496,685	975,830	1,609,657	4,329	68,388	50,168
Kentucky.....	2,024	2,091	2,087	500,389	255,200	379,597	1,240	17,725	15,820
Tennessee.....	2,246	1,960	2,620	1,044,945	374,395	745,609	1,536	20,981	17,767
Alabama.....	1,737	1,601	1,068	560,403	203,657	304,549	920	13,428	10,549
Mississippi.....	1,712	1,244	1,243	384,948	142,548	179,902	633	6,254	6,032
West South Central.....	17,626	15,063	15,066	4,739,143	1,919,042	2,698,574	7,618	99,104	84,155
Arkansas.....	2,045	1,292	1,504	366,510	117,729	180,309	747	7,997	6,842
Louisiana.....	1,726	2,094	2,131	830,965	449,211	580,260	938	17,037	19,375
Oklahoma.....	4,168	4,169	3,668	769,096	297,877	404,465	1,702	18,208	14,333
Texas.....	9,687	7,498	7,753	2,771,972	1,054,225	1,531,540	4,141	56,002	43,605
Mountain.....	5,777	5,668	6,413	1,178,857	643,240	847,030	2,323	32,398	28,616
Montana.....	1,243	1,239	1,264	168,227	73,790	121,041	225	4,133	3,704
Idaho.....	673	764	954	97,187	50,537	82,195	360	3,271	3,063
Wyoming.....	283	340	337	54,661	19,117	25,698	123	871	950
Colorado.....	2,075	1,814	1,894	539,626	232,374	324,382	830	13,869	11,917
New Mexico.....	316	447	397	53,143	27,730	45,579	141	1,257	1,453
Arizona.....	356	467	541	97,024	45,654	78,046	239	2,976	2,903
Utah.....	736	649	888	180,101	84,275	164,189	367	5,544	4,971
Nevada.....	96	139	158	13,718	9,763	15,300	48	477	495
Pacific.....	13,718	15,030	17,190	5,478,908	2,708,544	3,922,436	10,330	159,314	143,692
Washington.....	2,588	2,704	3,233	959,164	418,802	603,443	1,206	27,795	22,594
Oregon.....	1,437	1,326	1,615	465,196	196,445	343,443	674	14,055	10,798
California.....	9,693	11,000	12,342	4,054,548	2,094,297	2,975,553	8,450	117,464	110,500

<sup>1</sup> Figures for 1933 and 1935 are monthly averages, while those for 1929 are quarterly averages.

<sup>2</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.

<sup>3</sup> Includes stocks not owned but held on consignment, valued at \$124,872,000.

SUMMARY, BY STATES: 1929, 1933, AND 1935

adjusted to the scope of the 1935 census

stocks in thousands of dollars

EMPLOYEES <sup>1</sup> — continued		Operating ex- penses, includ- ing pay roll, 1935	PAY ROLL <sup>2</sup>						Stocks on hand (end of year), 1935 <sup>3</sup>	DIVISION AND STATE
1935 <sup>4</sup>			1929	1933	1935, as reported <sup>4</sup>			1935 total, adjusted <sup>4</sup>		
As re- ported	Ad- justed				Total	Full- time	Part- time			
1,260,553	1,277,717	4,163,480	2,962,774	1,650,487	2,022,262	1,976,337	45,925	2,049,483	3,106,809	U. S.
81,521	82,271	265,608	203,593	113,526	134,822	132,268	2,558	135,816	189,854	N. E.
6,271	6,430	17,225	11,202	7,075	8,427	8,215	212	8,055	13,203	Maine.
2,149	2,261	6,562	3,667	2,895	3,044	2,070	65	3,201	4,686	N. H.
2,168	2,313	7,295	2,899	2,750	2,952	2,895	57	3,165	4,727	Vt.
51,888	52,110	173,736	143,777	74,930	90,110	88,480	1,630	90,444	122,483	Mass.
6,328	6,350	21,307	14,534	7,717	9,036	9,788	108	9,963	14,852	R. I.
12,727	12,818	30,481	27,504	17,559	20,353	19,959	394	20,498	29,928	Conn.
351,555	352,680	1,364,970	952,754	608,070	682,736	658,720	9,016	684,547	974,215	M. A.
243,120	243,709	1,005,722	683,265	300,628	487,139	481,271	5,868	488,167	752,625	N. Y.
26,380	26,560	90,105	54,648	35,420	43,225	42,537	688	43,521	51,024	N. J.
82,040	82,301	209,053	214,841	112,022	132,372	120,912	2,400	132,869	170,066	Pa.
292,920	295,150	886,217	676,977	345,159	428,040	419,809	8,231	432,058	501,319	E. N. C.
68,394	68,709	211,260	151,481	89,620	109,635	107,237	2,208	110,500	134,947	Ohio.
23,293	23,677	64,391	42,581	25,754	32,469	31,781	688	33,211	41,874	Ind.
104,740	105,047	365,707	335,305	146,420	182,989	180,093	2,896	183,574	195,190	Ill.
41,587	42,504	132,112	94,052	51,049	65,653	64,182	1,471	67,347	75,086	Mich.
24,030	25,213	72,657	50,518	32,296	37,394	36,516	878	37,891	55,122	Wis.
144,219	148,021	431,591	322,642	183,877	208,758	204,193	4,565	211,697	373,649	W. N. C.
32,079	32,832	102,970	62,428	41,992	49,564	48,506	1,059	49,998	112,222	Minn.
19,753	20,043	51,254	40,839	25,324	25,515	24,693	822	26,004	30,163	Iowa.
56,576	56,936	179,001	144,167	71,797	87,798	86,477	1,321	88,394	144,079	Mo.
4,935	5,067	14,334	9,935	5,815	6,396	6,194	201	6,194	12,635	N. Dak.
4,478	4,608	12,207	8,614	5,322	5,469	5,291	178	5,099	9,682	S. Dak.
13,672	13,948	37,672	28,047	17,196	17,892	17,309	493	18,253	29,167	Nebr.
12,726	13,087	34,003	28,612	16,431	16,125	15,634	491	16,720	28,801	Kans.
117,143	120,187	328,568	197,200	129,857	154,894	149,881	5,013	156,925	278,968	S. A.
1,899	1,917	10,061	3,778	2,357	3,175	3,110	65	3,201	7,057	Del.
19,164	19,266	51,880	32,752	21,520	25,456	24,787	669	25,685	31,981	Md.
8,274	8,274	23,993	12,666	10,042	13,819	13,641	178	13,819	13,983	D. C.
18,846	19,180	49,021	29,575	21,075	23,751	22,813	938	24,216	28,985	Va.
8,835	8,969	26,956	19,216	11,328	13,161	12,855	306	13,366	20,343	W. Va.
16,980	17,676	43,705	25,679	17,782	20,456	19,212	1,244	21,687	61,400	N. C.
6,128	6,529	17,734	10,535	6,393	7,630	7,419	211	8,202	13,945	S. C.
18,444	19,345	58,005	36,728	20,431	25,601	25,016	585	26,095	43,285	Ga.
18,573	19,011	46,521	26,271	18,920	21,845	21,028	817	22,564	29,135	Fla.
51,445	53,513	136,436	94,377	54,773	65,345	62,976	2,369	65,699	130,068	E. S. C.
15,765	16,009	35,391	25,872	16,172	18,041	16,833	1,208	18,402	44,255	Ky.
19,929	20,461	57,258	34,434	19,893	27,226	26,517	709	27,945	50,555	Tenn.
10,675	11,293	29,750	23,551	12,481	14,201	13,909	292	15,212	22,332	Ala.
5,076	5,750	14,037	10,520	6,227	6,877	5,717	160	7,010	12,420	Miss.
80,237	84,557	251,415	167,831	100,777	107,293	104,690	2,603	113,638	237,675	W. S. C.
6,066	6,791	16,761	11,949	7,603	7,347	7,165	182	8,420	16,348	Ark.
17,372	17,925	55,493	29,252	23,315	23,873	23,332	541	24,557	75,265	La.
12,809	13,459	36,221	30,784	17,253	17,603	17,121	482	18,604	31,298	Okla.
44,050	46,832	142,940	95,846	52,608	58,470	57,072	1,398	62,057	144,706	Tex.
28,615	29,889	88,458	56,569	36,835	41,310	39,876	1,434	43,226	68,683	Mt.
4,040	4,070	11,988	6,979	4,852	5,904	5,724	180	5,947	13,172	Mont.
3,372	3,533	9,880	4,479	3,249	4,025	3,648	377	4,277	7,673	Idaho.
874	965	2,866	1,855	1,205	1,224	1,190	34	1,340	2,665	Wyo.
10,102	10,233	30,868	23,947	15,157	15,064	14,781	333	15,345	18,782	Colo.
1,433	1,691	4,686	2,313	1,933	2,065	2,020	36	2,415	5,355	N. Mex.
2,670	2,792	9,347	5,407	3,556	3,922	3,727	195	4,142	5,345	Ariz.
5,475	5,832	17,049	9,712	6,138	8,046	7,794	252	8,588	12,435	Utah.
649	713	2,375	877	735	1,060	1,038	27	1,172	1,151	Nev.
142,898	143,509	480,221	291,841	186,593	219,064	208,926	10,188	220,212	324,743	Pac.
22,725	22,860	68,769	50,972	29,166	34,690	33,645	1,045	34,933	55,603	Wash.
11,316	11,423	36,550	24,056	14,342	17,625	17,075	550	17,826	31,202	Oreg.
108,857	109,226	354,902	216,813	143,075	166,749	158,206	8,543	167,458	237,043	Calif.

<sup>1</sup> Employment and pay-roll data for commission bulk-tank stations are not included in the reported figures as it was impracticable to obtain these data; for comparison with earlier years, estimates for commission bulk-tank stations are included in adjusted figures as follows: Employees, 17,164; pay roll, \$27,221,000.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Wholesale Distribution, Vol. I.

**No. 866.—WHOLESALE TRADE—NET SALES, 1929 TO 1939; NUMBER OF ESTABLISHMENTS AND NET SALES, BY TYPE OF OPERATION, 1933 AND 1935**

[Net sales in millions of dollars]

YEAR	NET SALES <sup>1</sup>		TYPE OF ESTABLISHMENT	NUMBER OF ESTABLISHMENTS		NET SALES						
	Total wholesale trade	Full-service and limited-function wholesalers		1933 <sup>2</sup>	1935	1933 <sup>2</sup>	1935					
1929	68,913	28,899	Total	163,583	176,756	30,010	42,803					
1930	56,963	23,023	Full-service and limited-function wholesalers	82,820	88,931	12,891	17,662					
1931	43,936	17,476										
1932	35,324	13,274										
1933	31,442	12,891										
1934	30,950	14,710										
1935	44,667	17,662										
1936	52,183	20,293						Manufacturers' sales branches with stocks	12,409	11,634	4,965	7,446
1937	58,020	22,220						Manufacturers' sales offices without stocks	4,415	4,196	2,329	3,620
1938	( <sup>3</sup> )	19,023						Bulk-tank stations (petroleum)	26,174	27,333	1,736	2,704
1939	( <sup>3</sup> )	20,700						Agents and brokers	13,806	18,147	6,283	8,908
			Assemblers	23,959	26,515	1,750	2,403					

<sup>1</sup> Data for chain-store warehouses are included in totals in first column but are excluded from other figures in this table and from figures for wholesale trade appearing in other tables.

<sup>2</sup> Figures adjusted to scope of 1935 Census of wholesale trade; no data included for chain-store warehouses.

<sup>3</sup> No estimate made.

Source: For 1929, 1933, and 1935, Department of Commerce, Bureau of the Census; Census of Business, 1935, Wholesale Distribution, Vol. I. For other years, estimates by Department of Commerce, Bureau of Foreign and Domestic Commerce; mimeographed reports.

**No. 867.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1935**

NOTE.—Pay roll includes no compensation for proprietors and firm members of unincorporated businesses. Stocks include stocks not owned but held on consignment valued at \$124,872,000

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Net sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year <sup>1</sup>	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
Total	176,756	42,802,913	4,163,480	97,226	1,260,553	2,022,262	3,108,809
Full-service and limited-function wholesalers	83,981	17,661,891	3,228,347	61,598	759,556	1,192,275	2,067,649
Wholesale merchants	78,277	14,446,316	1,904,174	54,685	674,098	1,008,831	1,662,289
Voluntary-group wholesalers	128	100,569	9,402	33	3,420	5,481	13,444
Converters	502	284,121	24,541	235	5,634	12,273	40,374
Exporters	513	571,490	51,598	340	7,309	12,831	75,328
Importers	2,241	1,068,234	98,475	1,313	21,834	46,401	147,738
Industrial distributors	1,633	444,877	72,939	309	24,724	41,578	94,811
Drop shippers or desk jobbers	1,031	365,026	23,545	497	4,901	12,252	3,511
Mail-order wholesalers	189	13,984	3,226	151	1,188	1,330	2,116
Retailer-cooperative warehouses	161	153,398	9,383		3,646	5,245	14,865
Wagon distributors	4,256	212,776	31,064	4,023	12,742	15,982	7,173
Manufacturers' sales branches (with stocks)	11,634	7,446,014	881,155	299	211,280	403,706	598,558
Manufacturers' sales offices (without stocks)	4,196	3,630,074	239,899	146	42,895	106,093	
Bulk-tank stations (petroleum)	27,333	2,704,047	391,095	3,548	(1)	(1)	157,887
Independent stations	3,880	298,627	37,147	3,075	12,901	17,460	13,667
Chain-operated stations	17,017	2,002,540	284,859	471	78,258	129,461	122,718
Commission stations	6,436	402,874	69,089		(1)	(1)	21,302
Agents and brokers	18,147	8,908,078	256,749	14,950	68,286	129,866	59,565
Auction companies	609	352,857	10,692	230	6,585	6,094	2,716
Brokers	3,922	2,880,549	39,411	3,650	9,885	20,306	10,810
Commission merchants	3,135	2,662,491	67,364	2,818	18,298	34,104	30,486
Export agents	493	276,506	14,638	305	3,851	6,382	3,802
Import agents	335	212,573	10,357	207	1,272	3,134	5,478
Manufacturers' agents	7,548	768,019	44,092	6,557	14,300	23,995	12,902
Selling agents	1,712	1,439,710	63,412	885	11,759	31,223	23,179
Other agents	300	275,774	6,783	293	2,335	4,533	192

<sup>1</sup>Data not collected for commission bulk-tank stations.

## No. 867.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1935—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Net sales (thousands of dollars)	Operating expenses, incl. pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
<b>Assemblers</b> .....	28, 515	2, 483, 011	168, 245	18, 695	87, 378	74, 401	195, 160
Country buyers of farm products	10, 813	646, 147	32, 681	10, 635	21, 028	14, 795	88, 633
Cream stations	3, 619	29, 854	1, 479	2, 239	2, 232	1, 033	222
Cooperative marketing associations	2, 117	955, 727	60, 318	—	22, 692	23, 406	58, 557
Elevators (grain)	8, 462	800, 363	30, 147	2, 751	16, 164	15, 160	41, 750
Packers and shippers	1, 504	230, 920	41, 320	1, 070	25, 262	20, 007	5, 982
<b>FULL-SERVICE AND LIMITED-FUNCTION WHOLESALEERS</b>							
<b>Amusement and sporting goods</b> .....	1, 068	117, 045	21, 308	641	7, 076	12, 092	14, 223
Cameras and motion picture equipment and supplies	74	4, 897	1, 033	44	407	624	915
Moving picture films	191	38, 268	6, 063	43	1, 623	3, 447	1, 420
Sporting goods (full line)	134	17, 020	3, 631	78	1, 275	1, 682	4, 053
Toys, novelties, and fireworks	461	35, 393	6, 874	349	2, 543	4, 102	5, 166
All other	208	21, 467	3, 607	127	1, 228	1, 937	2, 669
<b>Automotive</b> .....	5, 872	780, 424	131, 401	3, 368	49, 514	75, 276	107, 930
Automobiles and other motor vehicles	399	378, 726	36, 051	130	11, 316	19, 118	29, 782
Automotive equipment	4, 840	349, 186	87, 265	2, 932	35, 511	52, 042	74, 867
Tires and tubes	433	52, 512	8, 085	301	2, 687	4, 116	9, 181
<b>Beer, wines, and liquors</b> .....	5, 496	698, 511	91, 814	4, 298	31, 380	43, 692	55, 043
Beer and other fermented malt liquors	4, 016	281, 259	40, 791	3, 496	15, 379	18, 379	9, 974
Wines and liquors	1, 480	417, 252	51, 023	802	16, 001	25, 303	45, 069
<b>Chemicals and paints</b> .....	1, 426	275, 301	46, 008	627	10, 741	20, 530	32, 559
Dyestuffs	57	15, 810	4, 100	18	675	1, 694	1, 607
Explosives	26	1, 615	280	12	121	149	201
Industrial chemicals	204	80, 310	9, 922	40	2, 349	5, 350	8, 452
Naval stores	36	33, 148	1, 083	3	470	840	2, 817
Paints and varnishes	772	66, 328	16, 063	370	4, 997	7, 931	12, 855
All other	331	78, 084	14, 894	184	2, 129	4, 557	6, 447
<b>Clothing and furnishings</b> .....	3, 980	648, 831	98, 577	3, 177	25, 393	46, 350	73, 495
Clothing and/or furnishings (full line)	574	65, 505	9, 407	523	3, 057	4, 976	8, 948
Men's and boys'	1, 001	117, 443	15, 124	874	4, 743	8, 270	17, 137
Women's and children's	1, 085	233, 602	31, 344	775	8, 639	17, 044	18, 253
Furs, dressed and fur clothing	277	33, 003	3, 019	266	813	1, 848	3, 772
Hosiery	202	35, 657	3, 942	173	1, 140	1, 909	3, 921
Millinery and millinery supplies	360	42, 161	7, 095	236	2, 281	3, 775	4, 638
Shoes and other footwear	461	121, 420	10, 746	330	4, 710	8, 528	10, 916
<b>Coal and coke</b> .....	773	368, 695	34, 655	292	8, 347	16, 484	26, 052
Drugs (full line)	295	324, 113	41, 274	36	15, 077	22, 405	35, 948
<b>Drugs and drug sundries (specialty lines)</b> .....	1, 266	123, 469	25, 760	774	8, 010	12, 420	13, 266
Drug specialties	342	29, 554	4, 844	229	1, 064	2, 701	3, 998
Patent medicines	215	21, 905	4, 110	111	1, 110	1, 898	1, 366
Toilet articles and preparations	426	40, 671	11, 140	256	3, 465	5, 536	3, 822
All other	285	31, 249	5, 666	178	1, 471	2, 285	4, 030
<b>Dry goods (full line)</b> .....	306	265, 724	38, 426	184	14, 272	22, 030	40, 295
<b>Dry goods (specialty lines)</b> .....	3, 301	719, 676	82, 228	2, 477	22, 652	43, 398	118, 548
Notions	915	96, 778	17, 876	712	6, 082	10, 337	10, 740
Piece goods	1, 873	593, 867	59, 691	1, 304	14, 808	30, 399	60, 401
All other	513	29, 031	4, 661	461	1, 662	2, 618	5, 317
<b>Electrical goods</b> .....	2, 438	576, 542	99, 480	1, 051	30, 888	52, 495	75, 424
Electrical merchandise (full line)	419	184, 233	20, 933	39	8, 045	14, 787	20, 669
Apparatus and equipment	199	20, 931	4, 415	104	1, 719	2, 043	3, 041
Wiring supplies and construction material	734	76, 859	14, 455	354	5, 331	8, 352	13, 053
Radios, refrigerators, and appliances	1, 086	294, 519	53, 657	554	14, 633	20, 713	32, 061
<b>Farm products—raw materials</b> .....	2, 199	1, 562, 487	105, 198	1, 557	21, 693	34, 200	235, 379
Cotton	263	518, 244	34, 807	206	2, 400	5, 204	68, 652
Grain	474	483, 040	27, 080	234	5, 888	9, 983	74, 997
Hides, skins, and furs (raw)	874	180, 342	15, 282	696	3, 668	7, 004	24, 260
Livestock, including horses and mules	35	3, 013	2, 477	0	142	203	401
Silk (raw)	16	67, 893	2, 059	9	223	879	9, 229
Tobacco (leaf)	224	73, 938	10, 732	137	6, 071	5, 150	25, 632
Wool and mohair	135	156, 173	9, 261	121	1, 430	3, 442	24, 827
All other	178	69, 835	5, 500	113	1, 856	2, 329	7, 546
<b>Farm products—consumer goods</b> .....	11, 188	1, 941, 059	213, 559	10, 128	77, 316	107, 165	47, 140
Dairy products	2, 178	427, 966	72, 193	1, 284	25, 161	37, 450	9, 833
Poultry and poultry products	1, 778	230, 602	18, 124	1, 712	7, 750	8, 517	5, 884
Dairy and poultry products	1, 019	304, 576	24, 995	822	3, 373	12, 012	8, 229
Fruits and vegetables (fresh)	6, 164	972, 532	97, 704	6, 265	35, 813	47, 973	22, 895
All other	49	5, 333	631	45	219	304	290

No. 867.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1935—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Net sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
<b>FULL-SERVICE AND LIMITED-FUNCTION WHOLESALERS—continued</b>							
<b>Farm supplies</b> .....	1,433	281,731	55,100	582	12,739	16,566	33,213
Feed.....	651	149,087	14,001	633	5,524	6,768	11,244
Fertilizer.....	78	32,015	3,289	50	562	1,006	2,969
Seeds.....	354	90,759	16,848	186	6,290	8,348	18,289
All other.....	50	9,870	962	23	363	444	771
<b>Furniture and house furnishings</b> .....	1,959	243,487	43,945	1,335	13,978	23,106	50,742
China, glassware, and crockery.....	321	33,497	8,220	196	2,728	4,577	6,667
Floor coverings.....	366	89,021	12,321	202	3,551	6,144	22,559
Furniture (household and office).....	375	38,164	7,626	249	2,542	4,074	5,917
House furnishings (except as specified).....	784	69,327	11,151	643	3,875	6,051	11,746
Musical instruments and sheet music.....	113	13,448	4,021	45	1,282	2,260	3,863
<b>General merchandise</b> .....	209	361,647	28,076	122	9,266	13,942	34,062
<b>Groceries (full line)</b> .....	3,883	1,953,762	173,757	1,443	67,663	98,077	242,071
<b>Groceries and foods (specialty lines)</b> .....	12,156	1,682,961	209,791	10,494	79,046	108,489	132,811
Canned goods.....	291	77,222	10,556	222	2,608	4,260	9,724
Coffee, tea, and spices.....	964	220,458	36,020	591	11,631	18,547	25,463
Confectionery.....	2,070	111,867	13,447	1,986	6,893	7,602	9,198
Fish and sea foods.....	1,285	120,054	23,337	1,078	8,497	11,451	6,510
Flour.....	1,505	77,909	7,369	375	2,459	3,413	5,005
Meats and meat products.....	2,218	441,852	46,634	2,171	16,283	24,847	12,583
Soft drinks.....	429	20,815	3,936	333	1,636	2,150	1,456
Sugar.....	126	62,332	3,260	67	1,164	1,702	3,498
Other food and grocery specialties.....	4,268	550,372	66,223	3,631	28,780	34,407	59,314
<b>Hardware</b> .....	1,129	428,249	77,981	454	30,741	46,178	108,980
Hardware (full line).....	610	337,020	69,265	137	27,387	41,214	97,427
Hardware (specialty lines).....	519	41,229	8,726	317	3,354	4,964	9,563
<b>Jewelry and optical goods</b> .....	1,501	189,685	35,481	1,300	11,105	19,165	47,213
Jewelry (full line).....	224	42,167	6,999	174	2,931	3,513	12,700
Clocks and watches.....	160	20,198	5,230	110	1,044	2,542	4,045
Diamonds and other precious stones.....	274	27,732	3,256	280	568	1,272	1,769
Other jewelry specialties.....	753	53,834	9,678	611	3,098	5,354	13,141
Optical goods.....	385	27,814	10,318	125	4,364	6,504	4,598
<b>Lumber and construction materials</b> .....	2,817	491,867	82,051	1,251	27,245	42,813	93,632
Builders' supplies (full line).....	504	76,051	16,162	212	5,768	8,740	10,733
Lumber and millwork.....	1,597	339,092	48,013	701	15,170	24,356	41,410
Brick, tile, and terra cotta.....	119	8,732	1,882	48	577	943	1,414
Cement, lime, and plaster.....	130	18,956	3,424	54	1,220	1,757	1,532
Glass.....	262	21,638	6,684	154	2,707	4,080	5,300
Sand, gravel, and crushed stone.....	110	10,257	2,920	50	952	1,434	1,040
All other.....	95	17,131	2,966	32	861	1,503	2,223
<b>Machinery, equipment and supplies</b> .....	7,198	836,647	171,511	3,705	57,140	95,410	157,474
Commercial machinery, equipment, and supplies:							
Office (except furniture).....	194	14,308	4,194	131	1,656	2,472	2,040
Store, restaurant, and hotel.....	673	44,860	11,757	464	4,443	6,738	7,567
All other.....	68	5,105	1,090	39	402	656	685
Farm and dairy machinery and equipment.....	336	45,250	8,153	181	2,818	4,327	9,047
Industrial equipment and supplies:							
Industrial (full line).....	189	79,828	15,176	20	5,282	8,800	18,420
Belting, hose, and packing.....	168	12,281	3,092	66	959	1,779	1,976
Power transmission equipment.....	66	6,778	1,610	21	530	918	1,358
Rope, cordage, and twine.....	56	14,087	1,535	33	465	952	1,394
All other.....	1,028	102,508	21,282	552	7,248	12,240	17,379
Industrial machinery:							
Construction (including road building).....	277	53,831	10,310	87	3,027	5,358	8,846
Machine tools.....	79	10,689	1,852	41	603	1,091	2,269
Mining and quarrying.....	87	11,184	2,098	37	717	1,210	2,586
Oil well and oil refining.....	759	152,273	16,799	157	4,650	8,163	27,168
Power plant.....	65	5,806	1,328	40	444	769	867
Textile.....	48	5,149	1,333	20	453	862	874
Used machinery and equipment.....	192	11,851	3,323	143	1,235	1,821	2,891
All other.....	354	24,292	6,379	205	2,143	3,728	4,816
Professional equipment and supplies:							
Dental.....	256	23,202	6,528	110	2,410	4,120	6,408
Surgical, medical, and hospital.....	203	26,033	7,410	78	2,313	4,286	4,481
All other.....	252	30,121	7,513	139	2,553	3,999	7,021

No. 867.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1935—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Net sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
<b>FULL-SERVICE, ETC., WHOLESALERS—CON.</b>							
<b>Machinery, equipment, and supplies—Con.</b>							
Service equipment and supplies:							
Barber and beauty parlor	645	38,348	12,063	470	4,495	6,733	7,838
Laundry	138	21,708	4,802	35	1,276	2,581	2,688
Upholsterers	200	25,030	5,887	101	1,746	3,033	6,764
All other	623	34,516	8,457	411	3,859	5,046	6,005
Transportation equipment and supplies:							
Aircraft and aeronautical	15	1,445	285	3	108	191	323
Railroad	33	16,688	3,691	7	601	1,535	1,522
Boats (including motor, sail, and steam)	71	5,447	1,094	47	372	611	1,245
All other	123	12,973	2,470	67	826	1,361	3,313
<b>Metals and metal work (except scrap)</b>	810	281,998	37,315	307	10,623	19,324	39,999
Iron and steel (except structural)	345	114,884	20,572	121	5,078	9,904	16,719
Structural iron and steel	93	18,965	3,877	22	1,541	2,342	3,358
Wire, wire fence, and wire rope	61	7,759	1,152	30	477	655	1,078
Copper	19	4,035	488	12	145	282	667
Sheet metal products	179	40,243	6,253	78	2,155	3,402	5,520
Other metals and metal work	113	95,510	4,973	44	1,227	2,669	12,507
<b>Paper and its products</b>	2,549	408,935	74,843	1,417	25,605	44,459	57,933
Wrapping or coarse paper and products	1,872	291,670	49,327	914	17,307	30,149	39,320
Fine or printing and writing paper	211	62,540	11,153	54	3,197	6,764	8,689
Stationery and stationery supplies	504	38,209	8,487	337	3,859	5,003	6,411
Wall paper	262	16,510	5,306	112	1,742	2,543	3,513
<b>Petroleum and its products</b>	674	132,399	17,137	399	4,437	8,089	8,486
<b>Plumbing and heating equipment and supplies</b>	1,743	243,173	48,202	636	16,919	36,851	50,812
Plumbing and heating (full line)	508	119,862	22,480	63	7,729	12,321	26,454
Heating (incl. stoves and ranges)	224	24,082	6,623	103	1,850	3,157	4,547
Plumbing fixtures, equipment and supplies	865	88,465	17,631	392	6,369	9,744	18,391
All other	143	10,164	2,568	78	971	1,629	1,420
<b>Tobacco and its products (except leaf)</b>	2,258	783,383	42,853	1,859	14,687	21,647	40,902
<b>Waste materials</b>	4,798	399,864	58,093	4,405	29,491	30,842	34,117
Iron and steel scrap	1,456	166,181	20,731	1,320	9,059	10,525	14,845
Junk and scrap (full line)	1,537	79,637	13,288	1,641	8,436	7,181	8,293
Waste paper, rags, and rubber	1,578	125,094	21,587	1,369	11,413	11,673	9,528
Nonferrous metals	222	27,952	2,487	175	753	1,153	1,451
<b>All other products</b>	4,184	550,233	72,860	3,052	26,352	39,250	68,711
Books, periodicals, and newspapers	636	108,650	20,454	338	9,060	12,005	8,445
Flowers and nursery stock	539	25,124	5,048	482	1,934	2,593	1,867
Forest products (except lumber)	550	80,873	8,497	437	2,873	4,492	8,355
Leather and leather goods	1,057	104,873	13,834	856	4,487	7,208	18,235
Oils and greases (animal and vegetable)	77	43,212	3,409	36	674	1,635	5,527
Rubber (crude)	27	62,436	2,761	5	333	1,077	12,255
Textiles and materials except dry goods	305	35,445	5,253	202	2,392	2,972	4,590
Yarns	175	41,602	3,800	115	1,183	1,999	4,100
Miscellaneous kinds of business	818	48,658	9,784	521	3,416	5,269	5,837
<b>MANUFACTURERS' SALES BRANCHES (WITH STOCKS)</b>							
<b>Amusement and sporting goods</b>	241	102,090	19,228		5,456	9,304	11,836
Automotive	896	1,261,865	90,150	6	23,611	45,242	68,633
Beer, wines, and liquors	377	265,812	37,390	6	5,284	11,533	19,759
Chemicals and paints	561	427,635	64,137	12	10,945	25,427	36,117
Clothing and furnishings	345	282,163	34,206	82	8,205	18,195	38,915
Coal and coke	10	8,331	1,470		359	694	261
Drugs and drug sundries	276	128,498	33,097	11	7,050	13,586	11,924
Dry goods	203	180,322	19,582	28	4,690	10,207	36,700
Electrical goods	428	349,819	31,085	0	7,832	17,676	21,800
Farm products—consumer goods	327	71,670	17,555	5	4,313	7,129	2,527
Farm supplies	74	31,785	4,831	2	917	1,830	2,679
Furniture and house furnishings	250	78,959	10,888	17	2,473	4,980	8,739
Groceries and foods (specialty lines)	3,102	2,252,166	202,190	32	51,676	87,265	82,245
Hardware	62	18,327	2,770	1	714	1,453	3,064
Jewelry and optical goods	249	91,458	10,921	10	3,102	5,366	11,405
Lumber and construction materials	261	112,792	18,684	8	5,510	10,253	13,485
Machinery, equipment, and supplies	2,642	693,362	145,642	28	43,085	83,199	112,209
Metals and metal work (except scrap)	271	243,350	23,986	5	7,041	12,685	42,027
Paper and its products	206	150,420	18,490	6	4,433	9,168	14,354
Petroleum and its products	56	18,175	3,801		814	1,910	1,981
Plumbing and heating equipment and supplies	367	102,251	21,310	8	6,313	9,701	17,885
Tobacco and its products (except leaf)	65	407,526	60,103	7	8,380	7,007	12,261
All other products	366	167,468	18,090	19	4,177	8,916	24,872

## No. 867.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1935—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Net sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
<b>MANUFACTURERS' SALES OFFICES (WITHOUT STOCKS)</b>							
Amusement and sporting goods.....	140	119, 173	19, 265	1	5, 562	10, 311	-----
Automotive.....	30	53, 549	3, 578	-----	688	1, 687	-----
Beer, wines, and liquors.....	37	81, 280	9, 248	-----	928	2, 470	-----
Chemicals and paints.....	209	190, 157	18, 822	1	2, 484	7, 164	-----
Clothing and furnishings.....	208	101, 042	7, 572	52	1, 286	3, 823	-----
Coal and coke.....	6	11, 526	348	-----	48	136	-----
Drugs and drug sundries (specialty lines).....	31	9, 940	2, 135	8	518	1, 024	-----
Dry goods (specialty lines).....	133	225, 476	8, 182	9	1, 685	4, 491	-----
Electrical goods.....	263	137, 180	8, 367	1	1, 655	4, 377	-----
Farm products—consumer goods.....	5	3, 350	696	-----	67	509	-----
Farm supplies.....	33	17, 043	2, 293	1	343	673	-----
Furniture and house furnishings.....	114	56, 079	4, 547	17	598	1, 643	-----
Groceries and foods (specialty lines).....	206	253, 777	34, 223	6	3, 243	7, 010	-----
Hardware.....	31	10, 072	926	1	216	541	-----
Jewelry and optical goods.....	41	6, 515	644	7	146	402	-----
Lumber and construction materials.....	277	169, 299	18, 868	6	4, 421	9, 994	-----
Machinery, equipment, and supplies.....	1, 146	492, 453	31, 111	19	6, 714	17, 847	-----
Metals and metal work (except scrap).....	470	1, 021, 883	29, 371	4	5, 502	15, 703	-----
Paper and its products.....	181	130, 843	7, 988	3	1, 069	3, 282	-----
Petroleum and its products.....	25	40, 880	7, 017	1	955	2, 350	-----
Plumbing and heating equipment and supplies.....	178	22, 954	3, 130	3	600	1, 497	-----
Tobacco and its products (except leaf).....	128	316, 336	7, 993	1	1, 356	2, 781	-----
All other products.....	292	137, 267	13, 568	8	2, 756	6, 778	-----
<b>BULK-TANK STATIONS</b>							
Petroleum and its products.....	27, 333	2, 704, 047	391, 005	3, 546	(1)	(1)	157, 687
<b>AGENTS AND BROKERS</b>							
Amusement and sporting goods.....	245	23, 931	3, 277	216	807	1, 542	333
Automotive.....	448	65, 081	4, 038	397	995	1, 691	2, 423
Beer, wines, and liquors.....	73	21, 473	916	49	230	482	334
Chemicals and paints.....	420	98, 427	9, 857	290	1, 083	2, 540	1, 557
Clothing and furnishings.....	1, 203	417, 123	13, 033	1, 133	3, 874	7, 807	786
Coal and coke.....	440	427, 345	25, 300	82	3, 734	10, 087	12, 443
Drugs and drug sundries (specialty lines).....	140	20, 894	1, 854	123	643	1, 078	194
Dry goods (full line).....	14	23, 061	289	11	78	174	5
Dry goods (specialty lines).....	938	1, 015, 100	23, 403	814	5, 851	15, 817	12, 528
Electrical goods.....	638	45, 863	3, 367	534	1, 221	1, 832	1, 762
Farm products—raw materials.....	3, 010	2, 710, 088	44, 692	2, 976	16, 987	22, 004	20, 151
Farm products—consumer goods.....	1, 484	766, 232	28, 907	1, 182	8, 123	14, 989	5, 109
Farm supplies.....	287	87, 342	2, 218	249	529	975	342
Furniture and house furnishings.....	428	75, 283	4, 026	362	1, 181	2, 352	1, 485
General merchandise.....	69	68, 475	2, 430	57	658	1, 477	245
Groceries (full line).....	21	11, 565	202	17	70	135	120
Groceries and foods (specialty lines).....	2, 219	1, 796, 319	26, 516	1, 743	7, 044	14, 602	11, 233
Hardware.....	288	32, 508	2, 059	254	648	1, 103	428
Jewelry and optical goods.....	124	6, 082	429	119	117	210	298
Lumber and construction materials.....	794	130, 147	8, 632	653	2, 228	4, 315	1, 062
Machinery, equipment and supplies.....	2, 496	210, 757	20, 400	1, 922	5, 529	11, 262	5, 237
Metals and metal work (except scrap).....	377	173, 229	5, 178	282	1, 068	2, 844	1, 324
Paper and its products.....	250	38, 939	2, 014	233	542	1, 084	162
Petroleum and its products.....	109	72, 733	1, 720	63	327	867	144
Plumbing and heating equipment and supplies.....	427	25, 700	2, 680	313	888	1, 462	630
Tobacco and its products (except leaf).....	9	1, 529	49	10	12	26	1
Waste materials.....	112	40, 369	1, 930	59	310	901	558
All other products.....	1, 084	484, 590	12, 224	907	3, 499	6, 202	8, 665
<b>ASSEMBLERS</b>							
Farm products—raw materials.....	14, 293	1, 493, 387	66, 320	7, 802	30, 085	28, 507	175, 717
Farm products—consumer goods.....	10, 814	865, 968	87, 730	7, 094	48, 553	39, 999	13, 065
Farm supplies.....	511	29, 250	2, 422	376	1, 322	1, 170	1, 574
Groceries and foods (specialty lines).....	592	69, 541	8, 046	524	6, 869	4, 270	4, 373
All other products.....	305	4, 865	827	299	549	455	421

<sup>1</sup> Data not collected for commission bulk-tank stations; for data for other bulk-tank stations, see p. 870. Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Wholesale Distribution, Vol. II.

No. 868.—WHOLESALE TRADE—SUMMARY FOR 25 CITIES: 1935

NOTE.—Sales, expenses, pay roll, and stocks in thousands of dollars. The wholesale-trade centers covered in the following table were selected on the basis of their volume of wholesale trade in 1933

CITY	Number of establishments	NET SALES		Operating expenses (including pay roll)	Active proprietors and firm members	Employees (full-time and part-time), average for the year <sup>1</sup>	PAY ROLL <sup>1, 2</sup>			Stocks on hand (end of year)
		Amount	Percent gain over 1933				Total	Full-time	Part-time	
Atlanta, Ga.	800	328,474	66.7	35,501	315	9,473	15,701	15,535	166	22,077
Baltimore, Md.	1,622	424,478	27.7	44,298	1,176	15,072	22,006	21,661	345	27,825
Boston, Mass.	3,330	1,333,016	36.1	114,518	1,862	32,334	60,753	59,916	837	87,426
Buffalo, N. Y.	892	350,096	42.3	29,275	428	9,080	15,347	15,126	221	10,172
Chicago, Ill.	6,462	3,269,729	46.7	297,664	3,435	83,349	154,706	152,710	1,990	159,244
Cincinnati, Ohio	1,383	477,139	53.3	44,147	860	13,000	22,505	22,174	331	24,596
Cleveland, Ohio	2,123	681,242	38.0	73,834	1,030	21,502	39,341	38,738	603	38,073
Dallas, Tex.	903	400,668	34.4	38,298	470	9,802	16,184	16,002	182	40,637
Denver, Colo.	835	261,593	47.7	24,064	428	7,431	11,907	11,731	176	13,047
Detroit, Mich.	2,333	950,734	66.1	76,744	1,332	22,727	39,953	39,289	664	39,951
Houston, Tex.	576	331,180	73.0	33,868	250	7,259	11,823	11,626	197	36,938
Indianapolis, Ind.	735	306,302	86.1	25,223	389	8,232	13,030	12,850	180	15,493
Kansas City, Mo.	1,469	649,885	34.4	53,230	882	15,983	26,488	26,085	403	49,766
Los Angeles, Calif.	3,075	930,461	48.9	111,081	2,361	34,820	55,622	54,140	1,482	84,733
Milwaukee, Wis.	1,251	344,732	32.4	37,469	548	12,646	20,569	20,226	343	25,582
Mpls. and St. Paul, Minn. (combined)	1,655	788,585	35.3	73,958	870	21,195	35,330	34,753	577	89,958
Newark, N. J.	799	269,815	49.2	30,765	356	9,110	15,818	15,638	180	17,005
New Orleans, La.	934	414,188	30.5	38,825	496	11,307	16,000	16,271	338	61,911
New York, N. Y.	21,418	9,617,910	38.0	861,920	13,749	199,318	416,328	411,913	4,415	656,888
Omaha, Nebr.	603	365,319	36.8	23,036	340	7,101	10,961	10,772	189	15,462
Philadelphia, Pa.	3,961	1,325,154	34.4	132,040	2,733	37,347	65,126	63,928	1,198	82,564
Pittsburgh, Pa.	1,486	692,155	37.9	53,806	904	15,989	28,116	27,733	383	31,229
St. Louis, Mo.	2,102	832,323	33.1	99,907	1,055	29,910	49,372	48,779	593	77,400
San Francisco, Calif.	2,942	1,149,894	39.3	124,473	2,307	29,363	53,357	52,382	975	94,138
Seattle, Wash.	1,276	320,668	49.1	36,523	540	10,969	18,381	18,002	379	29,460

<sup>1</sup> Data for commission bulk-tank stations are not included.

<sup>2</sup> See note 2, table 865.

Source: Dept. of Commerce, Bur. of Census; Census of Business, 1935, Whsl. Distr., Vols. I and II.

No. 869.—WHOLESALE TRADE—PERCENTAGE CHANGES IN SALES: 1935 TO 1937

NOTE.—The 1937-38 Census Survey of Wholesale Distribution covered a total of 18,417 establishments, comprising 12,840 service and limited-function wholesalers in 22 of the 29 kind-of-business groups recognized by the census classification of wholesale establishments; 5,476 manufacturers' sales branches; and 101 fruit and vegetable commission merchants. On the basis of the returns for the 1935 Census of Business, these establishments constituted a sample of 19 percent in number and 33 percent in sales for the service and limited-function wholesalers in the 22 kind-of-business groups, and a sample of 53 percent in number and 67 percent in sales for the manufacturers' sales branches. The sales of the 12,840 service and limited-function wholesalers in 1937 amounted to \$5,769,482,000, and those of the 5,476 manufacturers' sales branches in that year reached a total of \$5,936,268,000. (No figures for the fruit and vegetable commission merchants are given in this table)

KIND-OF-BUSINESS GROUP	SERVICE AND LIMITED FUNCTION WHOLESALERS			MANUFACTURERS' SALES BRANCHES		
	Number of establishments 1937	Percent increase in sales		Number of branches 1937	Percent increase in sales	
		1935 to 1937	1936 to 1937		1935 to 1937	1936 to 1937
<b>Total</b> .....	<b>12,840</b>	<b>31.1</b>	<b>10.8</b>	<b>5,476</b>	<b>32.0</b>	<b>11.8</b>
Automotive.....	924	44.9	10.8	509	43.5	14.8
Beer, wines, and liquors.....	684	57.0	14.2	113	29.8	7.1
Chemicals and paints.....	292	29.6	10.0	317	35.9	10.4
Clothing and furnishings.....	627	19.3	1.8	110	18.1	5.3
Drugs and drug sundries <sup>1</sup> .....	308	24.7	10.6	54	22.1	9.5
Dry goods <sup>2</sup> .....	730	16.7	3.9	60	4.5	3-2.6
Electrical goods.....	596	66.3	24.1	215	80.9	26.8
Fruits and vegetables, fresh.....	904	23.7	5.2			
Farm supplies.....	254	36.3	16.8	31	14.4	16.0
Furniture and house furnishings.....	400	37.4	8.8	166	28.7	8.1
General merchandise.....	72	20.5	6.8			
Groceries, full-line.....	1,069	17.1	6.7			
Groceries, specialty-line.....	1,886	20.3	10.2	1,755	15.0	6.4
Hardware.....	271	29.4	10.5	31	47.5	17.0
Jewelry and optical goods.....	372	44.4	11.4	170	47.8	16.5
Lumber and construction materials.....	668	49.3	14.2	97	60.7	11.9
Machinery, equipment, and supplies.....	1,552	48.6	19.4	1,519	50.5	19.1
Paper and its products.....	636	27.7	12.4	58	27.8	11.7
Plumbing and heating equipment and supplies.....	486	57.3	14.3	243	69.1	20.1
Tobacco and its products, except leaf.....	309	20.8	9.0	28	9.5	3.1

<sup>1</sup> Represents combination of "Drugs (full line)" and "Drugs and drug sundries (specialty lines)."

<sup>2</sup> Represents combination of "Dry goods (full line)" and "Dry goods (specialty lines)."

<sup>3</sup> Decrease. Source: Dept. of Commerce, Bur. of the Census; Census Survey of Business, 1937-38, Wholesale Distribution.



**No. 870.—RETAIL TRADE—PERCENTAGE CHANGES IN SALES, FOR TOTAL STORES, INDEPENDENTS, AND CHAINS, BY KIND-OF-BUSINESS GROUPS: 1935 TO 1937 AND FIRST HALF OF 1937 TO FIRST HALF OF 1938**

**NOTE.**—The 1937-38 Census Survey of Retail Business covered 102,853 identical stores in 42 kinds of business—80,694 independents and 22,159 chain units. These stores constituted a sample of 6 percent in number and 17 percent in sales (of stores reporting \$5,000 or more in annual sales volume), based on the returns of the 1935 Census of Business. Their sales amounted to \$5,547,935,000 in 1935, and reached a total of \$6,692,669,000 in 1937. The sales sample for independents was 13 percent and for chain units was 28 percent of the total sales of these respective types of operation in 1935.

KIND-OF-BUSINESS GROUP	PERCENT OF INCREASE OR DECREASE (—) IN SALES					
	1935 to 1937			First half 1937 to first half 1938		
	Total	Independents	Chain units	Total	Independents	Chain units
<b>Total</b> .....	20.6	22.8	17.1	-13.0	-15.2	-9.0
Food stores.....	13.7	14.1	13.3	-4.9	-6.4	-3.1
General stores, with food.....	13.9			-11.2		
General-merchandise group.....	17.4	17.1	17.6	-10.3	-10.9	-9.8
Apparel group.....	17.3	17.0	17.8	-12.5	-11.8	-13.8
Automotive group.....	33.0	34.4	24.9	-30.4	-33.1	-11.0
Furniture and household group.....	35.8	36.1	31.8	-23.4	-22.9	-28.3
Lumber, building, and hardware group.....	37.7	38.2	34.6	-15.2	-16.1	-9.6
Eating and drinking places.....	26.9	28.1	17.4	-7.3	-7.1	-8.5
Drug stores.....	14.4	19.2	8.2	-5.5	-3.8	-7.8
Other retail stores.....	23.1	22.5	26.3	-14.7	-13.7	-19.4

Source: Dept. of Commerce, Bur. of the Census; Census Survey of Business, 1937-38, Retail Survey.

**No. 871.—RETAIL TRADE—NET SALES, BY KIND OF BUSINESS GROUPS: 1932 TO 1939**

KIND-OF-BUSINESS GROUP	NET SALES (MILLIONS OF DOLLARS)								Percent increase, 1939 from 1933
	1932	1933	1934	1935	1936	1937	1938	1939	
<b>Total</b> .....	25,597	25,037	29,188	33,161	37,940	39,930	35,425	37,950	7.0
Food group <sup>1</sup> .....	7,261 <i>7,606</i>	6,776 <i>7,088</i>	7,580 <i>7,781</i>	8,302	8,981	9,340	8,920	9,005	2.0
Beer and liquor stores.....		17	265	328	394	408	394	418	6.0
Eating and drinking places.....	1,636	1,430	1,932	2,391	2,702	2,878	2,676	2,770	3.5
General-merchandise group:									
Farmers' supply and country general stores <sup>1</sup> .....	1,218 <i>975</i>	1,661 <i>1,851</i>	1,665 <i>1,611</i>	1,710	1,898	1,993	1,784	1,820	2.0
Department, dry-goods, and general-merchandise stores.....	3,208	2,903	3,280	3,453	3,874	4,107	3,783	4,030	6.5
Mall order, catalog only.....	201	220	300	386	460	490	463	519	12.0
Variety stores.....	660	678	754	781	851	885	858	905	5.5
Apparel group.....	2,331	1,928	2,372	2,656	3,028	3,195	2,923	3,085	5.5
Automotive group.....	2,178	2,887	3,559	4,606	5,711	5,910	3,900	4,990	28.0
Filling stations.....	1,005	1,532	1,780	1,968	2,263	2,478	2,404	2,428	1.0
Furniture and household group.....	895	950	1,092	1,290	1,613	1,718	1,425	1,603	12.5
Lumber, building, and hardware group.....	1,380	1,343	1,550	1,864	2,375	2,565	2,270	2,497	10.0
Drug stores.....	1,182	1,066	1,156	1,233	1,344	1,411	1,378	1,410	2.5
Jewelry stores.....	188	175	203	235	282	312	279	307	10.0
Other stores.....	1,535	1,477	1,735	1,898	2,164	2,240	1,970	2,073	5.0

<sup>1</sup> The 1935 figures for the food group include data for some stores classified as country general stores in prior censuses. Figures in italics are estimates by the Bureau of Foreign and Domestic Commerce, adjusted for these shifts in classification, for comparison with later years.

Source: 1933 and 1935, Dept. of Commerce, Bur. of the Census; Census of Business, 1935, Retail Distribution, Vol. I. Other years, estimates by Dept. of Commerce, Bur. of Foreign and Domestic Commerce, based on trends shown by currently published statistics; published in the Survey of Current Business, Feb. 1940, also in mimeographed reports.

No. 872.—RETAIL TRADE—NUMBER OF STORES AND NET SALES, BY BUSINESS GROUPS AND KIND OF BUSINESS: 1929, 1933, AND 1935

KIND OF BUSINESS	NUMBER OF STORES			NET SALES (THOUSANDS OF DOLLARS)		
	1929	1933	1935	1929	1933	1935
United States total.....	1,543,158	1,528,119	1,653,961	49,114,653	25,037,225	33,161,276
<b>Food stores<sup>1</sup></b> .....	481,891	470,149	532,010	10,837,421	6,776,280	8,362,425
Candy and confectionery stores.....	63,205	54,243	55,197	571,549	271,213	314,467
Dairy-products stores (including egg, poultry, and milk dealers).....	11,736	18,092	22,127	797,819	498,536	628,755
Grocery stores (without meats).....	191,876	163,538	188,738	3,449,129	1,893,242	2,202,607
Combination stores (groceries and meats).....	115,549	140,372	166,233	3,903,662	3,201,042	4,140,813
Meat and fish markets.....	49,865	38,344	39,474	1,330,958	491,866	612,451
Other food stores.....	49,000	55,560	60,241	778,304	510,381	454,332
<b>General stores (with food)<sup>1</sup></b> .....	104,086	85,839	66,701	2,570,744	1,097,437	1,110,403
<b>General merchandise group</b> .....	54,636	49,703	44,651	6,444,101	3,884,570	4,619,751
Dry goods and general merchandise stores.....	38,205	34,122	28,709	1,189,858	668,145	527,862
Department stores <sup>2</sup> .....	4,221	3,535	4,201	4,350,090	2,538,258	3,311,070
Variety, 5-and-10, and to-a-dollar stores.....	12,110	12,043	11,741	904,147	678,167	780,819
<b>Apparel group</b> .....	114,296	86,557	65,968	4,240,893	1,930,035	2,656,240
Men's clothing and furnishings stores (including boys').....	28,197	19,491	20,914	1,192,723	489,104	659,617
Family clothing stores.....	10,551	5,765	7,881	552,353	185,371	358,849
Women's ready-to-wear stores.....	18,253	17,708	21,975	1,087,601	575,094	794,992
Accessories and other apparel stores.....	33,036	24,697	20,231	601,387	255,874	331,385
Shoe stores.....	24,259	18,336	18,907	806,829	424,592	511,399
<b>Automotive group</b> .....	136,172	134,999	116,707	7,928,387	2,887,525	4,066,650
Motor vehicle dealers (new and used).....	45,301	30,646	35,045	6,407,512	2,127,720	3,847,642
Accessories, tire, and battery dealers.....	22,313	16,027	14,343	599,295	225,970	373,910
Garages <sup>3</sup> .....	66,793	86,454	66,243	785,001	519,827	370,064
Other automotive <sup>4</sup> .....	1,765	1,872	1,071	36,879	14,008	15,034
<b>Filling stations<sup>5</sup></b> .....	121,513	170,404	197,568	1,787,428	1,531,724	1,967,714
<b>Furniture—household group</b> .....	68,941	42,976	45,215	2,754,721	958,780	1,289,898
Furniture stores.....	25,153	17,418	17,043	1,569,815	553,503	694,578
Household appliance and radio stores.....	8,931	9,761	14,100	379,704	198,662	331,171
Radio dealers.....	16,037	8,161	4,206	561,772	113,899	57,152
Other home furnishings.....	8,820	7,636	9,776	303,430	92,716	156,995
<b>Lumber, building, and hardware group</b> .....	90,388	76,098	73,186	3,845,624	1,342,705	1,884,275
Lumber and building-material dealers.....	26,377	21,015	21,149	1,981,284	603,416	866,865
Hardware and farm implement dealers.....	37,672	32,802	30,633	1,224,260	488,486	785,979
Heating and plumbing equipment dealers <sup>6</sup> .....	12,709	11,307	5,025	334,277	123,128	80,477
Paint, glass, and electrical stores <sup>7</sup> .....	13,728	10,974	10,379	305,650	127,675	148,954
<b>Eating and drinking places</b> .....	134,293	200,335	251,473	2,124,890	1,429,938	2,390,860
Eating places.....	134,293	170,434	153,468	2,124,890	1,324,387	1,606,899
Drinking places.....		29,901	98,005		105,551	723,961
<b>Drug stores</b> .....	58,258	58,407	58,697	1,690,399	1,086,252	1,232,593
<b>Other retail stores</b> .....	277,707	215,622	217,041	7,412,726	3,124,141	4,057,530
Cigar stores and stands.....	33,248	20,175	15,350	410,064	189,756	182,950
Fuel and ice dealers <sup>8</sup> .....	19,118	23,875	35,293	1,013,369	623,077	859,018
Jewelry stores.....	19,988	14,313	12,447	536,281	175,066	234,893
News dealers.....	10,285	6,629	7,071	149,866	58,071	61,655
Beer and liquor stores (packaged).....		3,707	12,105		16,730	328,307
Other classifications.....	90,972	61,024	68,974	2,732,402	964,004	1,280,304
<b>Second-hand stores</b> .....	15,065	20,869	22,550	148,068	105,275	113,340

<sup>1</sup> See note 1, table 871, regarding shifts in classifications between the food group and "General stores."

<sup>2</sup> Revised.

<sup>3</sup> Includes general merchandise mail-order houses.

<sup>4</sup> This classification includes in 1929, 3,379 body, fender, and paint shops with receipts of \$46,106,000 and 2,059 parking stations, parking garages, and lots with receipts of \$30,262,000, which are included under "Service establishments" in 1933 and 1935.

<sup>5</sup> Bicycle shops, included in this classification in 1929 and 1933, are included with "Other retail stores" in 1935.

<sup>6</sup> Fuel-oil retailers, included in "Filling stations" in 1933 are included in "Fuel and ice dealers" under "Other retail stores" in 1935.

<sup>7</sup> Figures for 1935 are not comparable with data for earlier years. Some heating, plumbing, and air-conditioning contractors, included in 1933, were transferred to the Construction Census in 1935.

<sup>8</sup> The 1935 figures are not comparable with those for earlier years. A number of electrical contractors, included in this classification in 1933, were transferred to the Construction Census in 1935 and those electrical shops whose income from repairs was greater than the sale of merchandise were included under Service Establishments in 1935.

No. 873.—RETAIL TRADE—SUMMARY, BY BUSINESS GROUPS AND KIND OF BUSINESS: 1935

KIND OF BUSINESS	Number of stores	Net sales (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	PAY ROLL <sup>1</sup> (THOUSAND OF DOLLARS)		Operating expenses, incl. pay roll (thousands of dollars)
					Total	Part-time	
<b>United States total</b> .....	<b>1,058,901</b>	<b>83,161,276</b>	<b>1,511,734</b>	<b>3,961,478</b>	<b>3,623,289</b>	<b>235,123</b>	<b>7,591,912</b>
<b>Food stores</b> .....	<b>532,010</b>	<b>8,862,425</b>	<b>499,986</b>	<b>745,103</b>	<b>663,418</b>	<b>46,723</b>	<b>1,885,052</b>
Candy and confectionery stores.....	56,197	314,467	53,973	37,191	23,120	2,860	76,059
Dairy products stores and milk dealers.....	16,380	576,351	13,084	70,964	114,994	1,021	189,375
Egg and poultry dealers.....	5,747	52,404	5,799	4,032	2,961	459	7,559
Delicatessen stores.....	6,554	83,708	6,452	7,141	5,877	502	16,271
Fruit stores and vegetable markets.....	32,632	215,065	33,246	23,217	16,770	1,854	39,194
Grocery stores (without meats).....	188,738	2,202,607	170,415	156,031	126,802	10,974	281,962
Combination stores (groceries and meats).....	166,233	4,149,813	143,321	350,716	304,006	22,920	617,790
Meat markets.....	32,555	565,040	31,978	45,258	44,551	3,227	97,042
Fish markets—sea food.....	6,919	46,811	7,170	6,220	4,431	558	10,883
Bakeries and caterers.....	14,150	90,008	12,335	16,064	12,830	983	31,840
Other food stores.....	6,905	40,761	6,593	9,099	8,224	459	17,058
<b>General stores (with food)</b> .....	<b>66,701</b>	<b>1,110,403</b>	<b>66,783</b>	<b>83,841</b>	<b>60,736</b>	<b>4,186</b>	<b>121,490</b>
<b>General merchandise group</b> .....	<b>44,651</b>	<b>4,610,751</b>	<b>32,180</b>	<b>729,195</b>	<b>608,817</b>	<b>42,777</b>	<b>1,283,517</b>
Dry goods and general merchandise stores.....	28,700	527,822	25,558	65,730	48,612	4,630	109,331
Department stores.....	4,201	3,311,070	750	492,060	468,910	25,040	966,104
Variety, 5-and-10, and to-a-dollar stores.....	11,741	780,819	5,846	171,376	91,265	13,107	268,082
<b>Apparel group</b> .....	<b>95,988</b>	<b>2,656,242</b>	<b>73,414</b>	<b>397,629</b>	<b>338,300</b>	<b>24,686</b>	<b>775,860</b>
Men's furnishings stores.....	7,716	143,668	6,010	12,704	15,110	1,045	39,806
Men's clothing and furnishings stores.....	13,198	515,949	11,173	45,579	59,705	2,902	136,768
Family clothing stores.....	7,881	358,849	6,000	46,777	47,205	2,296	103,173
Women's ready-to-wear stores.....	21,975	794,992	17,068	107,469	103,407	6,573	228,873
Furriers and fur shops.....	1,535	59,897	1,007	6,765	10,461	725	23,236
Millinery stores.....	9,568	94,451	6,773	18,651	14,865	2,059	38,488
Custom tailors.....	6,559	87,120	6,364	14,820	17,318	2,911	31,110
Accessories—other apparel stores.....	8,569	109,917	7,231	17,733	13,968	1,300	31,622
Shoe stores.....	13,007	511,309	11,668	57,131	56,023	4,775	142,884
<b>Automotive group</b> .....	<b>116,702</b>	<b>4,606,650</b>	<b>113,220</b>	<b>378,000</b>	<b>436,963</b>	<b>12,641</b>	<b>920,791</b>
Motor vehicle dealers (new).....	30,204	3,725,438	25,484	257,154	314,274	5,004	574,832
Used-car dealers.....	4,751	122,204	4,735	9,868	10,769	644	22,405
Accessories, tire and battery dealers.....	14,343	373,910	10,384	45,751	54,557	1,786	107,978
Garages.....	66,243	370,064	71,626	63,220	55,122	5,015	111,274
Other automotive.....	1,071	15,934	991	2,007	2,271	132	4,302
<b>Filling stations</b> .....	<b>197,568</b>	<b>1,987,714</b>	<b>179,370</b>	<b>203,753</b>	<b>177,128</b>	<b>11,400</b>	<b>356,727</b>
<b>Furniture—household group</b> .....	<b>45,215</b>	<b>1,289,896</b>	<b>85,364</b>	<b>173,931</b>	<b>211,139</b>	<b>10,537</b>	<b>429,430</b>
Furniture stores.....	17,043	694,578	14,855	77,905	102,065	3,092	221,867
Floor coverings—drapery stores.....	2,611	61,246	2,334	8,943	9,752	510	19,802
Household appliance and radio stores.....	14,100	381,171	7,310	65,336	75,156	5,428	138,070
Radio dealers.....	4,296	57,152	4,225	6,135	7,513	442	16,442
Other home furnishings stores.....	7,165	95,749	6,640	15,112	16,702	1,059	31,189
<b>Lumber—building—hardware group</b> .....	<b>73,186</b>	<b>1,664,275</b>	<b>60,157</b>	<b>193,672</b>	<b>221,113</b>	<b>15,211</b>	<b>422,441</b>
Lumber and building material dealers.....	21,149	866,805	10,819	90,858	108,801	6,866	202,074
Hardware stores.....	26,996	467,217	20,472	45,658	48,558	2,797	100,955
Hardware and farm implement dealers.....	9,637	291,762	9,821	22,058	22,381	1,608	45,419
Heating and plumbing equipment dealers.....	5,025	89,477	4,315	16,802	20,065	2,004	30,986
Paint, glass, wall paper stores.....	8,910	127,049	7,423	14,907	17,250	1,536	36,163
Electrical supply stores.....	1,469	21,905	1,307	3,389	4,058	310	6,844
<b>Eating and drinking places</b> .....	<b>251,473</b>	<b>2,390,860</b>	<b>257,568</b>	<b>646,935</b>	<b>413,790</b>	<b>30,924</b>	<b>1,000,041</b>
Restaurants, cafeterias, lunchrooms.....	113,037	1,453,118	116,408	442,908	282,637	16,392	677,500
Lunch counters, refreshment stands.....	40,431	213,781	40,174	62,844	29,595	3,045	76,498
Drinking places.....	98,005	723,961	100,984	151,183	101,488	10,787	245,053
<b>Drug stores</b> .....	<b>56,697</b>	<b>1,232,593</b>	<b>49,363</b>	<b>159,130</b>	<b>143,354</b>	<b>9,035</b>	<b>291,770</b>
Drug stores with fountain.....	38,731	960,328	32,199	127,830	112,666	6,881	227,071
Drug stores without fountain.....	17,966	282,265	16,164	31,300	30,694	2,154	64,699
<b>Other retail stores</b> .....	<b>151,240</b>	<b>2,947,127</b>	<b>131,822</b>	<b>300,295</b>	<b>331,410</b>	<b>28,034</b>	<b>678,205</b>
Bicycle shops.....	781	5,149	763	628	493	68	1,131
Book stores.....	2,979	67,007	2,384	12,117	13,474	767	23,803
Cigar stores and cigar stands.....	15,350	182,950	13,717	15,111	13,820	793	35,675
Florists.....	11,242	98,718	10,976	17,320	15,964	1,331	36,724
Fuel and ice dealers.....	35,293	859,018	31,628	91,573	106,066	13,257	206,621

<sup>1</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.



No. 876.—RETAIL TRADE—SUMMARY FOR 26 KINDS OF BUSINESS, BY TYPE OF OPERATION: 1935

TYPE OF OPERATION AND KIND OF BUSINESS	Number of stores	Net sales (thousands of dollars)	Active proprietors and firm members <sup>1</sup>	Employees (full-time and part-time), average for year	PAY ROLL (THOUSANDS OF DOLLARS) <sup>2</sup>		Operating expenses, incl. pay roll (thousands of dollars)
					Total	Part-time	
<b>United States total</b> .....	<b>1,653,961</b>	<b>33,161,276</b>	<b>1,511,734</b>	<b>3,961,478</b>	<b>3,623,289</b>	<b>235,123</b>	<b>7,591,912</b>
<b>Independents</b> .....	<b>1,474,149</b>	<b>24,246,119</b>	<b>1,471,938</b>	<b>2,838,801</b>	<b>2,568,615</b>	<b>164,449</b>	<b>5,387,686</b>
Single-store.....	1,419,855	21,634,240	1,447,214	2,521,921	2,226,042	151,067	4,736,210
Two-store.....	40,897	1,749,849	21,014	209,019	219,913	9,116	426,303
Three-store.....	13,064	771,246	3,645	93,014	97,236	3,875	195,871
Local branch systems.....	343	90,771	65	14,247	15,304	391	20,302
<b>Chains</b> .....	<b>127,482</b>	<b>7,550,160</b>	<b>2,702</b>	<b>983,636</b>	<b>910,569</b>	<b>61,392</b>	<b>1,884,980</b>
Local.....	17,964	1,021,613	1,386	134,012	143,752	5,730	300,887
Sectional and national.....	107,598	6,413,599	1,310	807,808	739,892	55,248	1,538,650
Manufacturer-controlled.....	1,925	114,977	6	21,810	20,925	374	45,433
<b>All other types</b> .....	<b>52,330</b>	<b>1,364,978</b>	<b>37,094</b>	<b>159,041</b>	<b>154,105</b>	<b>9,322</b>	<b>319,246</b>
Leased departments, independent.....	5,517	48,041	3,408	5,971	4,821	487	11,633
Leased departments, chain.....	3,034	108,070	112	17,071	14,902	1,478	36,804
Utility-operated stores.....	3,936	123,242	27	20,920	22,925	3,311	43,814
Mail-order houses.....	878	420,027	195	40,000	39,888	851	106,281
Direct selling (house-to-house).....	6,349	125,316	5,178	33,570	35,383	772	61,997
State liquor stores <sup>3</sup> .....	2,053	160,665	12	4,954	8,190	258	13,366
Military post canteens.....	487	5,524	145	728	557	33	1,087
Commissaries or company stores.....	1,888	113,126	528	9,334	9,844	340	18,290
Other types.....	30,058	260,967	27,489	25,524	17,789	1,806	37,935
<b>Grocery stores (without meats)</b> .....	<b>188,738</b>	<b>2,202,607</b>	<b>170,415</b>	<b>156,031</b>	<b>125,802</b>	<b>10,874</b>	<b>281,992</b>
Independents.....	164,404	1,330,524	168,704	81,193	54,566	5,111	146,700
Chains.....	22,632	842,075	124	72,098	69,385	5,779	131,450
All other types.....	1,702	21,008	1,497	2,140	1,851	84	3,803
<b>Combination stores (groc. and meats)</b> .....	<b>166,233</b>	<b>4,149,813</b>	<b>148,321</b>	<b>359,716</b>	<b>304,006</b>	<b>29,926</b>	<b>617,799</b>
Independents.....	139,994	2,509,897	147,492	209,746	157,635	11,657	331,225
Chains.....	25,607	1,624,413	347	151,662	145,130	11,199	284,275
All other types.....	632	15,438	512	1,808	1,241	70	2,299
<b>Beer and liquor stores (packaged)</b> .....	<b>12,105</b>	<b>328,307</b>	<b>8,922</b>	<b>16,313</b>	<b>19,458</b>	<b>1,007</b>	<b>41,555</b>
Independents.....	9,718	157,696	8,819	10,816	10,603	741	26,709
Chains.....	226	6,020	18	428	593	3	1,215
State liquor stores <sup>3</sup> .....	2,053	160,665	12	4,954	8,190	258	13,366
All other types.....	108	3,926	73	114	96	5	205
<b>Motor-vehicle dealers</b> .....	<b>55,045</b>	<b>3,847,842</b>	<b>30,219</b>	<b>267,022</b>	<b>325,043</b>	<b>5,708</b>	<b>597,237</b>
Independents.....	34,504	3,678,674	30,192	255,662	308,550	5,590	506,023
Chains.....	585	168,337	24	11,247	16,422	118	30,965
All other types.....	6	631	3	113	61	-----	258
<b>Accessories-tire-battery dealers</b> .....	<b>14,343</b>	<b>373,910</b>	<b>10,394</b>	<b>45,751</b>	<b>54,557</b>	<b>1,796</b>	<b>107,978</b>
Independents.....	10,885	186,808	10,325	21,967	26,764	947	50,291
Chains.....	3,453	186,917	55	23,757	27,762	838	57,621
All other types.....	5	185	4	27	31	1	66
<b>Filling stations</b> .....	<b>197,568</b>	<b>1,987,714</b>	<b>179,870</b>	<b>203,753</b>	<b>177,128</b>	<b>11,400</b>	<b>356,727</b>
Independents.....	177,520	1,530,994	179,381	145,527	106,904	10,075	228,711
Chains.....	10,578	428,082	262	57,130	69,022	1,279	120,097
All other types.....	404	13,638	227	1,090	1,202	46	1,919
<b>Department stores</b> .....	<b>4,201</b>	<b>3,311,070</b>	<b>756</b>	<b>492,090</b>	<b>465,910</b>	<b>25,040</b>	<b>966,104</b>
Independents.....	1,711	2,034,945	741	337,895	334,857	12,182	655,071
Chains.....	2,423	883,101	11	116,366	90,342	12,145	217,712
Mail-order houses.....	33	386,200	3	37,228	34,053	658	91,653
All other types.....	34	6,324	1	631	658	55	1,068
<b>Variety stores</b> .....	<b>11,741</b>	<b>780,819</b>	<b>5,846</b>	<b>171,875</b>	<b>91,295</b>	<b>13,107</b>	<b>208,082</b>
Independents.....	6,056	71,944	5,683	12,532	6,715	893	15,033
Chains.....	6,658	708,651	140	158,799	84,557	12,212	193,001
All other types.....	27	224	23	44	23	2	54
<b>Men's clothing and furnishings stores</b> .....	<b>20,914</b>	<b>659,617</b>	<b>17,183</b>	<b>58,283</b>	<b>74,815</b>	<b>3,847</b>	<b>170,574</b>
Independents.....	19,018	514,640	16,867	46,477	57,570	3,104	131,299
Chains.....	1,592	138,528	74	11,381	16,678	770	42,875
All other types.....	304	6,449	242	425	567	64	2,400
<b>Family clothing stores</b> .....	<b>7,881</b>	<b>358,849</b>	<b>6,080</b>	<b>46,777</b>	<b>47,205</b>	<b>2,266</b>	<b>103,173</b>
Independents.....	6,915	282,955	5,998	36,304	36,001	1,796	78,574
Chains.....	923	74,008	33	10,312	10,959	497	24,024
All other types.....	43	1,886	29	161	245	3	575

<sup>1</sup> Figures for chains are active owners of unincorporated chains; they do not indicate the number of companies.

<sup>2</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.

<sup>3</sup> Includes county or municipal liquor stores in some States.

## No. 876.—RETAIL TRADE—SUMMARY FOR 26 KINDS OF BUSINESS, BY TYPE OF OPERATION: 1935—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of stores	Net sales (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	PAY ROLL (THOUSANDS OF DOLLARS)		Operating expenses, incl. pay roll (thousands of dollars)
					Total	Part-time	
Women's ready-to-wear stores.....	21, 075	794, 892	17, 088	107, 469	103, 047	6, 573	228, 873
Independents.....	19, 235	574, 900	16, 838	79, 175	77, 450	4, 511	165, 680
Chains.....	2, 407	200, 077	122	25, 768	23, 420	1, 810	57, 491
All other types.....	303	20, 015	108	2, 526	2, 171	262	5, 702
Shoe stores.....	18, 967	511, 399	11, 668	57, 131	56, 623	4, 775	142, 884
Independents.....	13, 027	221, 712	11, 452	22, 920	24, 162	1, 731	65, 951
Chains.....	5, 000	255, 504	99	29, 416	28, 308	2, 705	75, 486
All other types.....	634	34, 123	117	4, 795	4, 153	339	10, 447
Furniture stores.....	17, 043	694, 578	14, 955	77, 905	103, 085	3, 092	221, 807
Independents.....	16, 408	597, 255	14, 819	67, 570	87, 520	2, 790	186, 446
Chains.....	561	93, 821	26	9, 893	13, 825	295	34, 014
All other types.....	14	3, 502	10	442	720	7	1, 407
Household appliance and radio stores.....	14, 100	881, 171	7, 810	65, 836	75, 156	5, 428	138, 070
Independents.....	8, 392	183, 279	7, 748	24, 558	28, 020	1, 713	51, 867
Chains.....	1, 196	47, 987	11	13, 160	14, 201	347	22, 074
All other types.....	4, 512	149, 905	51	28, 118	32, 935	3, 368	69, 129
Radio dealers.....	4, 296	57, 152	4, 225	6, 135	7, 513	442	16, 442
Independents.....	4, 176	43, 233	4, 209	5, 238	5, 337	390	11, 735
Chains.....	103	13, 187	7	797	2, 060	50	4, 225
All other types.....	17	732	9	100	116	2	282
Lumber and building material dealers.....	21, 149	866, 866	10, 819	80, 868	108, 801	6, 866	202, 074
Independents.....	15, 476	655, 519	10, 710	85, 840	5, 869	5, 869	157, 028
Chains.....	5, 819	206, 097	100	19, 549	22, 443	988	43, 711
All other types.....	54	5, 249	9	493	518	9	1, 335
Hardware stores and implement dealers.....	36, 633	758, 979	36, 293	67, 718	70, 939	4, 495	146, 374
Independents.....	35, 056	724, 306	36, 202	64, 910	67, 464	4, 372	138, 935
Chains.....	685	32, 911	18	2, 601	3, 242	116	7, 210
All other types.....	92	1, 762	73	205	2, 233	7	229
Restaurants and eating places.....	153, 468	1, 666, 899	156, 582	495, 752	312, 232	19, 437	754, 098
Independents.....	146, 747	1, 399, 785	154, 035	412, 640	262, 718	10, 844	610, 730
Chains.....	3, 988	242, 364	123	76, 145	54, 912	2, 107	132, 082
All other types.....	2, 733	24, 760	2, 424	6, 967	4, 602	486	11, 276
Drinking places.....	98, 006	733, 961	100, 684	151, 183	101, 488	10, 787	245, 954
Independents.....	97, 205	718, 215	100, 338	149, 787	100, 621	10, 677	243, 878
Chains.....	46	813	18	103	130	4	256
All other types.....	754	4, 933	628	1, 233	731	106	1, 823
Cigar stores and cigar stands.....	15, 350	182, 950	13, 717	15, 111	13, 820	799	55, 675
Independents.....	13, 402	111, 851	13, 487	9, 796	7, 617	693	20, 340
Chains.....	1, 608	65, 525	17	4, 387	5, 824	81	13, 376
All other types.....	280	5, 574	213	328	379	19	959
Fuel and ice dealers.....	35, 293	859, 018	31, 626	91, 573	106, 066	13, 257	208, 521
Independents.....	32, 720	710, 707	30, 366	77, 974	87, 010	10, 640	168, 232
Chains.....	1, 289	141, 423	32	12, 731	18, 848	2, 478	36, 901
All other types.....	1, 284	6, 888	1, 228	868	708	139	1, 388
Drug stores with fountain.....	38, 731	950, 328	32, 189	127, 830	112, 660	6, 881	227, 071
Independents.....	35, 581	876, 103	32, 119	92, 759	77, 527	6, 314	154, 428
Chains.....	3, 107	273, 324	49	34, 957	35, 026	566	72, 429
All other types.....	43	901	31	114	107	1	214
Drug stores without fountain.....	17, 968	282, 285	16, 164	31, 309	30, 694	2, 154	64, 966
Independents.....	17, 274	237, 285	16, 107	27, 151	25, 613	2, 038	53, 978
Chains.....	637	43, 483	25	3, 964	4, 883	107	10, 303
All other types.....	55	1, 497	32	185	193	9	418
Hay, grain, and feed stores.....	11, 132	346, 667	9, 332	19, 044	17, 681	1, 126	36, 551
Independents.....	9, 690	248, 120	9, 228	14, 450	12, 606	937	26, 980
Chains.....	1, 006	55, 443	58	2, 974	3, 264	129	6, 523
All other types.....	536	43, 098	46	1, 614	1, 811	60	3, 048
Farm and garden supply stores.....	9, 178	262, 471	8, 659	18, 732	18, 248	1, 645	38, 189
Independents.....	8, 100	189, 294	7, 930	14, 375	13, 926	1, 415	29, 109
Chains.....	191	11, 891	7	1, 088	1, 180	24	2, 477
All other types.....	885	51, 286	322	3, 269	3, 133	206	6, 483
Jewelry stores.....	13, 447	234, 895	11, 096	25, 709	35, 479	1, 303	81, 856
Independents.....	12, 047	212, 002	11, 024	23, 050	31, 291	1, 235	70, 992
Chains.....	323	20, 890	31	2, 399	3, 916	62	10, 201
All other types.....	77	2, 001	41	260	272	6	663
All other kinds of business.....	469, 461	5, 616, 340	451, 081	695, 084	662, 558	47, 878	1, 352, 554

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Retail Distribution, Vol. I.

DIVISION AND STATE	NUMBER OF STORES			NET SALES					Active proprietors and firm members, 1935
	1929	1933	1935	Amount			Percent change		
				1929	1933	1935	1933 from 1929	1935 from 1933	
United States.....	1,543,168	1,526,119	1,653,901	49,114,653	25,037,225	33,161,276	-49	92	1,511,734
New England.....	108,764	105,646	114,044	3,785,869	2,167,760	2,721,911	-43	26	95,803
Maine.....	11,091	11,429	12,760	307,627	134,380	232,599	-40	20	11,384
New Hampshire.....	6,657	6,368	7,225	184,285	111,799	152,583	-39	36	6,659
Vermont.....	5,189	4,934	4,958	152,170	78,600	99,121	-48	26	4,545
Massachusetts.....	54,183	52,430	55,630	2,054,076	1,195,161	1,461,180	-42	22	45,424
Rhode Island.....	9,542	8,438	9,005	318,295	167,283	210,706	-47	31	7,683
Connecticut.....	22,202	22,047	24,404	768,510	430,520	556,722	-44	29	20,205
Middle Atlantic.....	385,302	353,489	402,028	12,717,899	6,833,819	8,460,917	-48	28	357,709
New York.....	190,017	173,614	204,511	7,070,414	3,730,992	4,749,708	-47	27	181,621
New Jersey.....	60,010	64,190	67,793	1,843,545	1,016,923	1,220,200	-46	20	58,755
Pennsylvania.....	135,275	115,685	129,719	3,803,940	1,876,899	2,490,910	-51	33	117,333
East North Central.....	517,667	327,771	340,393	11,262,858	5,314,073	7,170,586	-53	35	310,512
Ohio.....	83,717	85,961	93,208	2,864,831	1,442,132	1,956,941	-50	30	83,453
Indiana.....	41,618	41,256	42,471	1,222,384	569,972	780,508	-53	37	39,986
Illinois.....	96,900	98,870	98,538	3,711,903	1,728,880	2,173,069	-53	20	89,533
Michigan.....	55,953	57,121	61,907	2,220,398	949,137	1,388,236	-57	46	56,652
Wisconsin.....	39,474	44,593	44,154	1,237,442	623,652	871,832	-50	40	40,983
West North Central.....	170,644	180,307	192,570	5,969,554	2,641,968	3,521,954	-50	33	182,871
Minnesota.....	30,725	33,879	37,495	1,051,930	585,102	820,010	-44	40	35,367
Iowa.....	32,710	34,643	35,979	972,136	479,695	660,029	-51	30	38,045
Missouri.....	47,039	49,247	50,927	1,448,220	759,125	946,125	-48	25	47,045
North Dakota.....	3,077	7,981	9,019	234,540	105,087	150,208	-54	39	8,451
South Dakota.....	8,845	8,506	9,618	255,197	109,160	147,564	-58	39	8,085
Nebraska.....	17,637	19,212	19,099	502,945	274,575	369,757	-51	31	17,979
Kansas.....	25,005	26,779	27,433	744,586	329,178	448,261	-53	30	26,393
South Atlantic.....	169,068	168,200	161,731	4,201,755	2,477,028	3,296,008	-41	33	163,609
Delaware.....	3,688	3,420	4,390	103,512	57,910	76,877	-44	33	3,975
Maryland.....	21,082	23,487	23,849	619,573	384,384	462,874	-38	20	21,567
Dist. of Col.....	5,931	6,150	6,472	330,262	241,515	330,813	-28	37	4,815
Virginia.....	26,120	26,651	26,757	600,929	358,102	471,320	-40	32	23,901
West Virginia.....	17,244	17,128	18,075	447,877	244,071	332,190	-40	36	16,982
North Carolina.....	28,831	27,652	29,462	653,419	363,111	463,219	-44	28	27,303
South Carolina.....	15,036	15,528	16,686	300,220	186,215	248,206	-38	33	14,672
Georgia.....	23,687	26,681	31,310	635,440	352,916	484,693	-45	37	25,625
Florida.....	22,449	21,697	24,330	504,523	288,804	425,807	-43	47	21,079
East South Central.....	89,193	83,270	94,034	2,171,995	1,025,923	1,386,429	-53	35	89,689
Kentucky.....	27,117	25,672	26,286	587,340	304,605	388,278	-43	27	28,192
Tennessee.....	23,384	22,777	27,445	643,517	330,079	432,586	-49	46	26,087
Alabama.....	21,442	20,049	22,167	527,101	250,384	337,217	-53	35	20,740
Mississippi.....	17,256	14,772	15,136	413,737	140,855	178,348	-60	27	14,079
West South Central.....	135,482	132,505	138,709	3,797,371	1,751,553	2,309,174	-53	32	133,333
Arkansas.....	17,937	15,018	18,292	412,080	180,095	240,724	-56	34	15,162
Louisiana.....	23,288	22,239	23,180	476,643	204,123	344,393	-45	30	21,890
Oklahoma.....	27,339	26,434	26,022	795,028	341,774	434,793	-57	27	25,275
Texas.....	66,018	67,914	71,205	2,043,020	965,561	1,289,264	-53	34	65,337
Mountain.....	44,661	44,301	49,140	1,548,650	739,614	1,100,728	-52	49	44,975
Montana.....	6,951	6,732	7,044	243,828	112,382	159,457	-54	69	7,114
Idaho.....	4,010	5,139	5,863	160,087	87,406	140,167	-48	60	5,347
Wyoming.....	2,983	3,169	3,486	103,437	55,070	82,061	-40	48	3,240
Colorado.....	13,993	13,700	14,273	466,959	233,014	302,559	-50	30	13,231
New Mexico.....	4,191	4,246	4,812	119,759	53,944	88,751	-55	65	4,612
Arizona.....	5,068	4,749	5,214	198,620	78,250	121,083	-62	59	4,904
Utah.....	5,249	5,103	5,830	196,550	91,968	132,098	-53	44	5,004
Nevada.....	1,310	1,463	1,709	50,401	22,680	43,932	-43	53	1,423
Pacific.....	122,371	125,630	141,312	4,428,602	2,285,497	3,193,569	-48	40	133,433
Washington.....	22,110	22,307	25,080	761,808	368,171	529,709	-52	44	23,343
Oregon.....	14,570	13,789	15,362	455,931	224,447	335,861	-51	50	14,493
California.....	85,691	89,554	100,874	3,210,863	1,692,879	2,329,069	-47	38	95,597

1 Includes no compensation for proprietors and firm members of unincorporated businesses.

BY STATES: 1929, 1933, AND 1935

in thousands of dollars

EMPLOYEES (FULL-TIME AND PART-TIME), AVERAGE FOR YEAR			PAY ROLL					Operating ex- penses (Includ- ing pay roll), 1935	DIVISION AND STATE
1929	1933	1935	1929 .	1933	1935				
					Total	Full- time	Part- time		
4, 402, 940	3, 433, 652	3, 961, 478	5, 189, 670	2, 910, 445	3, 623, 289	3, 388, 166	335, 123	7, 691, 912	U. S.
860, 979	290, 649	380, 487	422, 040	268, 852	322, 466	300, 267	22, 199	658, 074	N. E.
20, 482	22, 147	24, 783	25, 012	18, 715	22, 100	20, 531	1, 569	46, 242	Maine.
10, 209	13, 409	16, 249	16, 786	11, 377	14, 881	13, 870	1, 011	31, 065	N. H.
11, 725	9, 540	10, 083	12, 703	7, 809	8, 771	8, 115	656	18, 715	Vt.
206, 478	160, 385	186, 136	241, 100	150, 224	182, 065	169, 047	13, 018	369, 408	Mass.
31, 975	26, 477	28, 881	36, 183	21, 242	27, 671	25, 869	1, 802	55, 453	R. I.
68, 110	56, 632	64, 335	87, 190	53, 485	66, 968	62, 826	4, 143	137, 191	Conn.
1, 087, 698	844, 861	982, 340	1, 397, 727	811, 903	989, 038	929, 540	69, 498	2, 167, 070	M. A.
575, 145	440, 141	527, 564	792, 285	404, 707	568, 833	537, 237	31, 590	1, 258, 441	N. Y.
140, 145	119, 733	136, 907	193, 603	119, 927	140, 660	131, 830	8, 821	305, 129	N. J.
366, 408	276, 988	317, 809	411, 939	227, 269	279, 545	260, 464	19, 081	603, 600	Pa.
1, 012, 437	769, 440	873, 507	1, 247, 487	633, 491	800, 496	743, 483	58, 013	1, 657, 670	E. N. C.
260, 286	210, 141	242, 003	318, 274	172, 264	219, 407	203, 023	16, 384	442, 578	Ohio.
118, 561	85, 507	98, 052	125, 906	63, 315	81, 580	76, 188	6, 392	166, 765	Ind.
338, 920	232, 805	272, 784	440, 280	221, 323	263, 232	247, 257	15, 945	557, 477	Ill.
183, 473	134, 688	163, 278	243, 870	108, 069	162, 323	141, 873	10, 450	308, 229	Mich.
105, 181	86, 238	97, 390	121, 077	67, 630	88, 954	75, 112	3, 842	182, 621	Wis.
469, 698	367, 129	413, 954	497, 830	281, 836	340, 280	315, 321	24, 939	727, 456	W. N. C.
93, 072	78, 320	92, 498	108, 817	64, 783	83, 029	77, 177	5, 852	177, 612	Minn.
85, 549	66, 144	73, 273	80, 094	47, 020	55, 814	50, 832	4, 982	122, 676	Iowa.
140, 727	112, 507	124, 849	153, 142	90, 182	104, 127	97, 432	6, 095	188, 000	Mo.
10, 755	11, 960	14, 076	17, 931	9, 301	12, 132	11, 167	965	27, 143	N. Dak.
20, 429	18, 171	15, 087	20, 556	9, 898	12, 152	11, 221	931	27, 255	S. Dak.
47, 249	38, 052	40, 907	49, 378	28, 343	33, 143	30, 587	2, 556	70, 970	Nebr.
65, 223	46, 896	52, 034	66, 612	32, 613	39, 868	36, 905	2, 958	83, 199	Kans.
411, 761	367, 880	423, 911	419, 553	268, 958	344, 089	324, 917	19, 152	684, 782	S. A.
0, 205	7, 563	9, 102	9, 842	6, 331	5, 364	7, 906	453	16, 799	Del.
60, 072	33, 302	56, 631	64, 202	45, 707	51, 738	48, 049	3, 089	109, 641	Md.
34, 519	32, 905	45, 089	44, 385	33, 631	43, 905	42, 102	1, 803	87, 353	D. C.
60, 280	31, 975	58, 105	61, 880	40, 066	48, 647	45, 943	2, 604	95, 470	Va.
37, 090	31, 930	37, 269	42, 106	24, 470	31, 512	29, 424	2, 088	61, 794	N. Va.
61, 272	53, 181	60, 207	68, 068	35, 105	44, 233	41, 418	2, 815	86, 285	W. C.
30, 363	27, 602	33, 327	36, 128	19, 901	22, 088	21, 228	1, 466	42, 425	N. C.
67, 044	54, 426	60, 806	66, 599	35, 763	46, 963	44, 473	2, 490	92, 448	S. C.
51, 902	42, 937	57, 255	62, 749	30, 616	40, 119	43, 779	2, 340	92, 157	Ga.
201, 017	150, 601	175, 858	193, 812	100, 843	139, 778	129, 187	7, 621	292, 777	Fia.
53, 971	42, 350	48, 481	53, 266	30, 220	36, 931	34, 546	2, 383	73, 831	E. S. C.
63, 256	47, 866	61, 474	61, 176	33, 504	46, 784	44, 152	2, 632	96, 075	Ky.
50, 156	38, 648	42, 517	45, 123	23, 738	30, 360	28, 069	1, 691	61, 618	Tenn.
33, 684	21, 737	23, 384	30, 747	15, 271	15, 703	14, 788	915	31, 253	Ala.
586, 737	254, 401	291, 496	348, 243	182, 059	224, 272	212, 524	11, 748	452, 599	Miss.
34, 658	23, 017	28, 046	33, 034	15, 290	19, 427	18, 200	1, 218	38, 793	W. S. C.
50, 578	43, 351	50, 271	53, 982	30, 411	36, 864	35, 305	1, 559	76, 577	Ark.
68, 154	48, 776	63, 806	74, 266	34, 626	41, 181	38, 684	2, 597	86, 308	La.
133, 347	108, 337	159, 370	191, 961	101, 720	126, 800	120, 426	6, 374	251, 941	Okla.
131, 994	84, 230	114, 904	155, 952	80, 163	109, 178	101, 549	7, 629	225, 558	Tex.
18, 418	13, 105	17, 751	23, 317	11, 813	18, 775	17, 142	1, 633	37, 581	Mont.
13, 021	9, 840	13, 064	15, 386	7, 940	12, 059	11, 701	808	26, 143	Idaho.
7, 588	6, 155	7, 335	9, 069	5, 777	7, 426	6, 981	445	19, 104	Wyo.
40, 390	32, 439	34, 049	50, 731	27, 174	29, 971	28, 020	1, 951	69, 745	Colo.
9, 808	6, 325	9, 306	10, 344	5, 351	8, 269	7, 790	700	10, 488	N. Mex.
16, 182	9, 815	13, 156	19, 000	8, 455	12, 530	11, 744	786	25, 337	Ariz.
18, 689	12, 866	15, 891	21, 509	10, 326	14, 611	13, 403	1, 208	36, 051	Utah.
3, 518	3, 175	4, 262	5, 090	3, 317	4, 937	4, 660	268	10, 109	Neav.
390, 649	304, 461	355, 013	507, 548	282, 431	363, 742	339, 418	24, 324	755, 927	Pac.
67, 017	50, 113	57, 423	83, 444	42, 282	56, 287	52, 019	4, 208	116, 115	Wash.
40, 514	28, 775	35, 066	48, 154	24, 064	33, 314	31, 467	2, 347	71, 087	Oreg.
282, 218	225, 672	262, 624	375, 048	216, 105	273, 641	255, 932	17, 709	568, 725	Calif.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Retail Distribution, Vol. I.



No. 878.—RETAIL TRADE.—SUMMARY FOR EACH CITY HAVING (IN 1930) 50,000  
OR MORE INHABITANTS: 1935

CITY	Number of stores	Net sales (thousands of dollars)	Employees, avg. for year <sup>1</sup>	Pay roll (thousands of dollars) <sup>2</sup>	CITY	Number of stores	Net sales (thousands of dollars)	Employees, avg. for year <sup>1</sup>	Pay roll (thousands of dollars) <sup>2</sup>
Akron, Ohio	3,303	95,899	12,721	12,725	Highland Park, Mich.	611	20,203	2,275	2,207
Albany, N. Y.	2,256	79,742	9,620	9,668	Hoboken, N. J.	1,289	16,774	1,827	1,980
Allentown, Pa.	1,424	35,059	5,177	4,408	Holyoke, Mass.	731	17,063	2,310	2,119
Altoona, Pa.	1,152	25,545	3,714	2,953	Houston, Tex.	3,876	113,715	16,858	13,706
Asheville, N. C.	668	19,351	2,806	2,322	Huntington, W. Va.	1,073	24,460	3,251	2,806
Atlanta, Ga.	3,839	136,842	19,570	16,343	Indianapolis, Ind.	4,757	139,084	20,712	18,011
Atlantic City, N. J.	1,734	37,107	5,525	5,092	Irrvington, N. J.	936	14,948	1,444	1,418
Augusta, Ga.	671	20,584	3,267	2,463	Jackson, Mich.	749	19,719	2,598	2,104
Austin, Tex.	909	26,065	3,095	3,080	Jacksonville, Fla.	1,091	50,745	8,027	6,507
Baltimore, Md.	13,587	301,137	41,406	37,687	Jersey City, N. J.	4,890	70,954	8,185	8,051
Bayonne, N. J.	1,217	17,129	1,714	1,691	Johnstown, Pa.	705	20,193	2,948	2,490
Beaumont, Tex.	896	23,025	3,143	2,758	Kalamazoo, Mich.	804	26,680	3,105	2,906
Berkeley, Calif.	1,155	25,630	3,041	3,080	Kansas City, Kans.	1,706	27,782	3,445	2,380
Bethlehem, Pa.	809	15,507	1,968	1,685	Kansas City, Mo.	5,085	209,399	30,706	26,165
Binghamton, N. Y.	1,070	38,048	4,520	4,491	Kenosha, Wis.	673	15,069	1,810	1,604
Birmingham, Ala.	2,639	73,764	11,403	9,195	Knoxville, Tenn.	1,618	41,730	6,216	4,997
Boston, Mass.	10,649	439,121	60,968	65,746	Lakewood, Ohio.	683	15,717	1,968	1,724
Bridgeport, Conn.	2,451	57,030	7,237	7,506	Lancaster, Pa.	1,353	25,117	3,555	3,024
Brockton, Mass.	814	21,977	3,222	2,745	Lansing, Mich.	1,071	38,872	4,785	4,008
Buffalo, N. Y.	8,007	205,366	26,522	25,782	Lawrence, Mass.	1,415	80,834	3,710	3,443
Cambridge, Mass.	1,372	39,111	5,340	5,035	Lincoln, Nebr.	1,109	36,426	5,068	4,508
Camden, N. J.	2,089	33,705	4,065	4,613	Little Rock, Ark.	1,319	31,947	4,631	3,685
Canton, Ohio.	1,529	39,802	5,038	4,608	Long Beach, Calif.	3,054	63,181	7,163	7,201
Cedar Rapids, Iowa.	1,012	23,586	2,854	2,630	Los Angeles, Calif.	23,471	693,002	79,931	80,965
Charleston, S. C.	972	20,142	3,184	2,326	Louisville, Ky.	4,488	100,702	14,907	13,067
Charleston, N. Va.	1,020	33,731	4,415	4,402	Lowell, Mass.	1,314	30,962	4,089	3,639
Chattanooga, Tenn.	1,920	44,065	6,105	5,200	Lynn, Mass.	1,412	34,615	4,860	4,580
Chester, Pa.	1,018	17,343	2,238	2,127	Macon, Ga.	912	20,453	3,191	2,435
Chicago, Ill.	44,382	1,215,706	160,917	166,591	Madison, Wis.	1,033	30,267	4,764	4,098
Cleora, Ill.	890	14,268	1,363	1,341	Malden, Mass.	749	19,775	2,671	2,312
Cincinnati, Ohio.	6,948	196,897	26,517	24,776	Manchester, N. H.	1,058	28,637	3,511	3,222
Cleveland, Ohio.	13,924	355,210	47,601	48,890	McKeesport, Pa.	672	19,297	2,649	2,053
Cleveland Heights, Ohio.	314	10,408	1,313	1,393	Medford, Mass.	419	11,017	1,290	1,230
Columbia, S. C.	840	22,809	3,529	2,809	Memphis, Tenn.	3,242	101,916	14,121	11,832
Columbus, Ohio.	4,070	118,274	17,007	15,696	Miami, Fla.	2,641	75,826	10,113	9,513
Covington, Ky.	1,109	10,424	2,122	1,820	Milwaukee, Wis.	6,351	230,941	30,404	29,214
Dallas, Tex.	4,116	123,550	17,301	15,967	Minneapolis, Minn.	6,446	220,834	30,114	30,032
Davenport, Iowa.	961	28,923	3,695	3,147	Mobile, Ala.	1,127	23,467	3,654	2,718
Dayton, Ohio.	3,332	80,483	10,628	10,185	Montgomery, Ala.	1,011	21,425	3,861	2,624
Dearborn, Mich.	512	15,060	1,643	1,581	Mount Vernon, N. Y.	994	27,000	2,705	3,295
Decatur, Ill.	787	23,057	3,002	2,634	Nashville, Tenn.	3,199	74,501	10,672	8,971
Denver, Colo.	4,184	127,497	15,741	14,873	Newark, N. J.	8,593	197,527	25,256	27,080
Des Moines, Iowa.	2,408	68,801	9,231	8,458	New Bedford, Mass.	1,071	35,197	4,917	4,162
Detroit, Mich.	10,133	543,690	68,672	71,337	New Britain, Conn.	881	18,104	2,012	2,019
Duluth, Minn.	1,420	41,073	5,587	5,295	New Haven, Conn.	2,945	71,638	8,942	9,630
Durham, N. C.	577	17,133	2,549	1,994	New Orleans, La.	6,335	123,524	20,917	15,823
East Chicago, Ind.	758	9,703	1,080	960	New Rochelle, N. Y.	825	25,328	2,739	3,340
East Orange, N. J.	835	22,724	2,442	2,639	Newton, Mass.	521	17,391	1,999	2,071
East St. Louis, Ill.	1,148	19,661	2,491	2,248	New York, N. Y.	115,567	2,847,332	323,500	369,483
Elizabeth, N. J.	2,431	42,911	4,630	4,976	Bronx	17,492	311,490	26,236	30,845
El Paso, Tex.	1,279	31,896	4,313	3,912	Brooklyn	37,032	877,258	65,666	74,072
Erie, Pa.	1,718	33,051	5,299	4,658	Manhattan	41,233	1,692,499	193,798	222,023
Evansville, Ind.	629	31,067	3,810	4,640	Queens	16,278	351,364	33,828	38,058
Evansville, Ind.	1,382	30,510	4,116	3,748	Richmond	2,632	44,712	4,085	4,485
Fall River, Mass.	1,750	31,271	4,182	3,686	Niagara Falls, N. Y.	1,103	25,642	3,175	2,889
Flint, Mich.	1,872	58,303	6,675	6,456	Norfolk, Va.	2,112	50,120	7,238	6,859
Fort Wayne, Ind.	1,020	42,665	6,021	5,377	Oakland, Calif.	5,256	141,781	16,068	16,903
Fort Worth, Tex.	2,441	64,503	8,819	7,201	Oak Park, Ill.	582	23,700	3,020	3,191
Fresno, Calif.	1,478	41,631	5,310	4,771	Oklahoma City, Okla.	2,420	72,808	9,935	8,662
Galveston, Tex.	831	17,887	2,041	2,805	Omaha, Nebr.	3,061	90,676	12,070	11,481
Gary, Ind.	1,249	29,277	3,025	3,378	Pasadena, Calif.	1,666	45,003	5,336	5,590
Glendale, Calif.	1,148	28,313	2,950	2,979	Passaic, N. J.	1,303	26,665	2,981	3,180
Grand Rapids, Mich.	2,376	59,784	7,983	7,117	Paterson, N. J.	2,650	54,596	6,355	6,649
Greensboro, N. C.	648	20,875	3,121	2,547	Pawtucket, R. I.	1,026	28,224	3,520	3,363
Hamilton, Ohio	899	18,083	2,009	1,920	Peoria, Ill.	1,467	48,816	6,774	6,261
Hannam, Ind.	816	24,192	2,811	2,809	Philadelphia, Pa.	20,604	655,744	90,914	85,696
Hantramond, Mich.	765	13,774	1,637	1,565	Pittsburgh, Pa.	7,409	266,551	39,617	38,252
Harrisburg, Pa.	1,235	37,895	5,487	5,069	Pontiac, Mich.	779	24,386	2,776	2,672
Hartford, Conn.	2,607	88,039	11,552	12,704	Port Arthur, Tex.	611	14,355	1,862	1,661
					Portland, Maine.	1,223	37,122	4,627	4,755

<sup>1</sup> Full-time and part-time.<sup>2</sup> See note 1, table 877.

No. 878.—RETAIL TRADE—SUMMARY FOR EACH CITY HAVING (IN 1930) 50,000 OR MORE INHABITANTS: 1935—Continued

CITY	Number of stores	Net sales (thousands of dollars)	Employees, avg. for year	Pay roll (thousands of dollars)	CITY	Number of stores	Net sales (thousands of dollars)	Employees, avg. for year	Pay roll (thousands of dollars)
Portland, Oreg.	5, 109	147, 413	18, 079	18, 066	Spokane, Wash.	1, 953	58, 403	6, 683	6, 549
Providence, R. I.	3, 603	113, 392	15, 919	16, 033	Springfield, Ill.	937	28, 920	3, 667	3, 447
Pueblo, Colo.	723	15, 776	2, 136	1, 655	Springfield, Mass.	2, 195	71, 557	9, 729	9, 639
Quincy, Mass.	827	24, 007	3, 072	2, 832	Springfield, Mo.	1, 053	21, 406	2, 819	2, 350
Racine, Wis.	956	22, 217	2, 409	2, 173	Springfield, Ohio	1, 083	25, 914	3, 297	3, 270
Reading, Pa.	2, 540	48, 843	6, 353	5, 870	Syracuse, N. Y.	2, 798	81, 384	10, 619	9, 875
Richmond, Va.	2, 606	79, 837	11, 363	10, 737	Tacoma, Wash.	1, 774	39, 345	4, 809	4, 682
Riohoke, Va.	872	28, 801	3, 790	3, 567	Tampa, Fla.	1, 654	34, 764	4, 898	4, 056
Rochester, N. Y.	4, 745	132, 420	16, 438	16, 527	Terre Haute, Ind.	1, 124	26, 790	3, 527	3, 269
Rockford, Ill.	1, 212	31, 651	4, 045	3, 782	Toledo, Ohio	4, 037	112, 550	14, 672	14, 285
Sacramento, Calif.	1, 868	54, 815	5, 901	6, 662	Topeka, Kans.	1, 053	26, 306	3, 595	3, 035
Saginaw, Mich.	1, 044	28, 850	3, 482	3, 125	Trenton, N. J.	2, 323	49, 326	6, 004	5, 867
St. Joseph, Mo.	1, 198	25, 976	3, 886	3, 012	Troy, N. Y.	1, 293	29, 818	3, 519	3, 682
St. Louis, Mo.	12, 790	316, 308	45, 619	42, 755	Tulsa, Okla.	1, 820	56, 019	7, 851	7, 380
St. Paul, Minn.	3, 581	137, 155	16, 854	16, 567	Union City, N. J.	1, 258	24, 255	2, 645	2, 980
Salt Lake City, Utah	1, 649	59, 229	8, 242	7, 907	Utica, N. Y.	1, 644	41, 161	4, 927	4, 733
San Antonio, Tex.	4, 107	78, 744	11, 088	9, 542	Waco, Tex.	893	18, 586	2, 427	1, 925
San Diego, Calif.	3, 107	75, 549	8, 836	9, 191	Washington, D. C.	6, 472	330, 813	42, 069	43, 905
San Francisco, Calif.	10, 251	293, 371	39, 020	43, 541	Waterbury, Conn.	1, 355	33, 495	4, 233	4, 232
San Jose, Calif.	1, 056	31, 049	3, 279	3, 760	Wheeling, W. Va.	1, 074	29, 169	4, 464	3, 807
Savannah, Ga.	1, 327	24, 799	4, 001	2, 952	Wichita, Kans.	1, 813	49, 464	6, 044	5, 701
Schenectady, N. Y.	1, 385	37, 148	4, 575	4, 224	Wilkes-Barre, Pa.	1, 460	37, 945	5, 601	5, 209
Scranton, Pa.	2, 125	54, 993	7, 418	7, 382	Wilmington, Del.	2, 290	45, 609	6, 159	6, 234
Seattle, Wash.	6, 105	163, 185	21, 185	21, 732	Winston-Salem, N.C.	935	23, 317	3, 359	2, 774
Shreveport, La.	1, 147	31, 018	4, 696	3, 907	Worcester, Mass.	2, 412	71, 908	8, 786	8, 892
Sioux City, Iowa	1, 232	28, 330	3, 658	3, 104	Yonkers, N. Y.	1, 846	39, 865	3, 891	4, 384
Somerville, Mass.	1, 038	22, 543	2, 783	2, 509	York, Pa.	938	25, 562	3, 273	2, 800
South Bend, Ind.	1, 379	36, 214	4, 642	4, 369	Youngstown, Ohio	2, 379	62, 883	7, 952	7, 471

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Retail Distribution, Vol. II.

No. 879.—SALES BY DEPARTMENT STORES—INDEXES OF VALUES, BY FEDERAL RESERVE DISTRICTS, 1922 TO 1939, AND BY MONTHS, 1937 TO 1940

NOTE.—1923-1925 average=100. Compiled from reports of about 240 to 560 firms (400 in 1939). Indexes for the United States have been adjusted for variations in number of firms reporting and monthly indexes for the varying number of business days in the different months, for seasonal changes, and for the effect of the shifting date of Easter. These adjustments do not apply uniformly to the indexes by districts

YEAR	United States	Boston <sup>1</sup>	New York	Phila- delphia	Cleve- land	Rich- mond <sup>1</sup>	At- lanta	Chi- cago	St. Louis	Min- neapolis <sup>2</sup>	Kan- sas City <sup>3</sup>	Dal- las	San Fran- cisco
1922	88	92	89	-----	87	86	91	-----	90	105	-----	91	82
1923	98	98	96	101	101	97	101	99	99	105	-----	95	97
1924	99	100	99	99	99	99	98	98	98	100	95	100	99
1925	103	102	105	100	101	104	102	103	103	111	100	104	108
1926	106	105	109	103	102	107	106	108	105	108	95	109	111
1927	107	106	110	99	103	105	107	110	103	108	96	107	114
1928	108	104	112	94	103	106	107	119	104	105	97	109	117
1929	111	106	117	95	105	110	104	113	105	106	100	110	119
1930	102	100	113	87	94	106	95	103	94	101	95	100	111
1931	92	91	104	76	82	100	87	87	81	93	81	86	98
1932	89	71	82	60	60	81	68	85	62	74	63	65	74
1933	67	65	78	58	62	77	68	64	62	70	62	66	72
1934	75	69	82	63	70	90	83	74	71	77	78	80	81
1935	79	69	84	65	75	97	87	80	75	83	78	85	91
1936	88	76	92	72	87	107	105	91	82	81	85	100	99
1937	92	77	95	74	96	110	114	98	87	95	89	107	103
1938	85	74	89	66	83	107	113	87	83	83	84	104	95
1939	90	76	91	71	91	111	125	91	88	97	86	106	99

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
United States:												
1937	93	95	93	93	93	93	92	93	94	93	91	89
1938	90	88	86	83	78	82	83	83	86	84	89	89
1939	88	87	88	88	85	86	80	89	91	90	95	96
1940	92	89	89	89	87	91	-----	-----	-----	-----	-----	-----

<sup>1</sup> Beginning January 1931 computed by the Bureau of Foreign and Domestic Commerce based on percentage changes in sales as reported by the Board of Governors of the Federal Reserve System.

<sup>2</sup> Indexes based on 1929-31=100. <sup>3</sup> Monthly average sales in 1925=100.

Source: United States and, except as noted, Boston and Richmond, Board of Governors of the Federal Reserve System; other districts, the respective Federal Reserve banks.

**NO. 880.—SALES BY CHAIN STORES—INDEXES OF VALUES, 1935 TO 1939, AND BY MONTHS, 1938, 1939, AND 1940**

NOTE.—The combined index for all groups includes the apparel chains shown separately in the table, 5 grocery chains, 6 variety chains, 2 drug chains, and 3 (prior to January 1936, 2) shoe chains. Indexes are based on daily average sales. Each monthly index is expressed as a percentage of the average for the same month of the base period. Allowance for the fluctuating date of Easter is made in the case of apparel, variety, and shoe chains. No allowance has been made for changes in the number of stores operated.

[1929-1931=100]

YEAR AND MONTH	Com- bined index, 20 cos. <sup>1</sup>	Apparel index, 4 cos. <sup>1</sup>	YEAR AND MONTH	Com- bined index, 20 cos. <sup>1</sup>	Apparel index, 4 cos. <sup>1</sup>	YEAR AND MONTH	Com- bined index, 20 cos. <sup>1</sup>	Apparel index, 4 cos. <sup>1</sup>
1935	97.0	103.3	1938—Contd.			1939—Contd.		
1936	106.0	117.9	September	109.0	122.0	August	113.0	124.0
1937	111.7	122.0	October	108.0	120.0	September	114.5	127.0
1938	107.0	115.9	November	109.5	121.2	October	113.3	125.0
1939	112.3	124.3	December	112.9	127.0	November	117.0	132.0
1938			1939			December	120.0	142.0
January	106.7	107.6	January	107.5	118.0	1940		
February	106.4	108.8	February	108.8	112.7	January	113.5	120.0
March	103.3	116.0	March	109.8	130.0	February	114.0	119.0
April	105.0	112.8	April	110.0	117.6	March	115.0	128.0
May	103.3	109.4	May	110.0	119.0	April	115.0	122.0
June	108.3	109.7	June	111.0	118.0	May	117.0	123.0
July	108.0	120.0	July	113.0	126.0	June	119.0	120.0
August	106.0	116.0						

<sup>1</sup> The combined index includes 18 companies and the apparel index 3 companies prior to January 1936.

Source: The Chain-Store Age.

**NO. 881.—SALES BY SELECTED GROUPS OF RETAIL OUTLETS—INDEXES OF DOLLAR VALUES, 1932 TO 1939, AND BY MONTHS, 1938, 1939, AND 1940**

NOTE.—Indexes of automobile sales are based on unit sales figures reported monthly to the Automobile Manufacturers' Association, which represent over 95 percent of all dealer's sales. The unit sales figures are converted to dollar volume by the use of a computed "average realized price." Indexes of sales in small towns and rural areas are based on figures furnished by three mail-order companies for sales by mail only and by a large group of chain units operating in small towns and cities which serve the rural population. Sales of reporting concerns represent about one-fourth of all general merchandise sales in places of less than 30,000 inhabitants. Indexes of both variety store sales and grocery chain store sales are based on figures furnished by chain organizations doing more than 75 percent of the business in the respective fields. For the variety store index adjustment has been made for changes in the number of stores operated by the companies so that the index reflects sales changes for a constant number of stores. All indexes are computed from dollar sales reduced to a daily average basis. In computing the index of automobile sales, equal weight is given to all days of the month, while in computing the other three indexes, allowance is made for the varying number of business days in the months and the varying sales importance of the different days of the week. The monthly indexes of all four series are adjusted for seasonal changes and, in addition, the variety-store index is adjusted for the changing date of Easter.

Variety store sales, daily average basis—1935-39=100; other columns, monthly average basis—1929-31=100

YEAR AND MONTH	Auto- mobile retail sales	Variety store sales	Grocery chain store sales	Rural retail sales	YEAR AND MONTH	Auto- mobile retail sales	Variety store sales	Grocery chain store sales	Rural retail sales
1932	35.5	81.9	85.7	63.1	1939				
1933	43.3	83.6	80.3	69.2	January	91.0	101.9	96.4	120.0
1934	57.6	91.6	83.3	83.7	February	96.0	101.9	98.2	123.7
1935	83.8	92.9	89.6	99.4	March	88.0	102.1	99.5	131.0
1936	105.1	100.8	94.4	114.8	April	79.5	99.9	99.0	130.8
1937	108.0	103.6	95.7	121.7	May	79.0	100.9	101.4	131.2
1938	96.7	99.3	94.1	114.1	June	79.0	101.1	99.3	131.7
1939	90.7	103.5	102.5	127.5	July	80.5	103.0	99.6	124.8
1938					August	76.5	101.6	103.1	131.1
January	65.0	99.2	96.2	113.8	September	83.5	101.5	109.4	125.4
February	74.0	100.4	93.6	111.7	October	93.7	106.2	106.4	123.4
March	61.6	99.0	94.7	112.1	November	102.8	100.9	109.0	122.7
April	60.0	96.8	91.7	117.4	December	108.5	104.7	108.8	132.4
May	57.0	95.1	93.6	112.3	1940				
June	50.5	95.5	92.2	116.6	January	125.8	104.0	108.7	134.5
July	50.5	97.7	91.0	116.2	February	130.8	105.3	111.5	132.3
August	54.5	98.5	92.2	120.1	March	112.5	105.4	110.9	136.6
September	60.0	99.4	94.9	114.6	April	112.5	103.2	109.9	126.4
October	85.0	100.7	94.4	108.5	May	104.1	105.2	112.3	133.8
November	100.0	100.7	95.7	113.1	June	123.0	104.4	111.1	137.7
December	92.5	100.6	98.1	114.8					

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce. Indexes are published currently in the Survey of Current Business and in mimeographed reports.

NO. 882.—RETAIL SALES OF GENERAL MERCHANDISE IN SMALL TOWNS AND RURAL AREAS—INDEXES OF DOLLAR VALUES, BY REGIONS, 1932 TO 1939, AND BY MONTHS, 1938, 1939, AND 1940

NOTE.—1929-1931=100. Comparable indexes for the United States as a whole and a brief description of the indexes are given in table 881. The States and geographic divisions, as shown in other tables (for example, table 877) included in the regions here shown are as follows: East—New England and Middle Atlantic divisions, Delaware, Maryland, Virginia, and West Virginia; South—East South Central division, North Carolina, South Carolina, Georgia, Florida, Arkansas, Louisiana, and Texas; Middle West—East North Central and West North Central divisions, Oklahoma, Montana, Wyoming, Colorado, and New Mexico; Far West—Pacific division, Idaho, Arizona, Utah, and Nevada

YEAR AND MONTH	East	South	Middle West	Far West	YEAR AND MONTH	East	South	Middle West	Far West
1932	64.5	63.0	61.3	67.0					
1933	66.9	79.4	65.7	73.1					
1934	80.4	95.0	79.6	90.1					
1935	96.8	116.4	93.8	105.1	1939				
1936	115.1	138.0	103.4	123.8	January	115.6	140.7	109.9	136.4
1937	123.9	144.8	110.5	135.5	February	119.6	147.8	112.1	142.9
1938	115.2	134.0	103.3	128.9	March	132.0	156.6	118.7	144.0
1939	127.9	153.7	115.5	142.1	April	122.4	164.3	118.0	140.9
					May	120.1	162.2	119.6	146.6
1938					June	133.8	165.8	116.4	144.1
January	113.8	133.0	102.7	128.7	July	124.1	162.8	119.9	140.5
February	111.8	129.7	102.6	123.2	August	132.7	155.0	120.1	146.1
March	114.5	133.3	101.4	122.4	September	128.6	150.0	113.5	138.7
April	120.3	138.0	106.3	130.1	October	120.7	145.4	113.3	138.7
May	113.8	134.1	101.5	132.7	November	129.5	151.6	108.0	135.8
June	117.1	139.3	105.3	132.0	December	137.7	157.4	121.9	148.8
July	115.5	136.8	105.3	129.0					
August	119.2	144.3	109.1	136.4	1940				
September	119.6	134.9	105.3	121.0	January	130.6	152.6	126.3	147.5
October	108.6	127.7	97.1	127.7	February	129.6	150.1	121.3	155.1
November	111.8	129.5	103.5	133.1	March	133.6	167.9	125.1	146.0
December	117.6	135.0	106.7	129.3	April	120.8	152.8	112.5	142.2
					May	137.3	160.1	120.4	153.9
					June	145.0	164.9	123.3	153.9

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce. See source of table 881 regarding current data.

NO. 883.—SERVICE ESTABLISHMENTS—SUMMARY, BY SERVICE GROUPS AND KIND OF SERVICE: 1935

NOTE.—See headnote, table 884

KIND OF SERVICE	Number of establishments	Receipts (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	PAY ROLL (THOUSANDS OF DOLLARS) <sup>1</sup>		
					Total	Full-time	Part-time
United States total	574,708	2,029,302	580,840	634,232	567,517	497,118	70,399
<b>Personal services:</b>							
Barber shops	121,153	209,337	125,721	80,309	54,875	50,145	4,730
Barber and beauty shops	4,302	20,297	4,637	11,115	8,754	8,378	376
Baths and masseurs' establishments (turkish, etc.)	1,120	4,094	1,102	1,586	1,055	981	74
Beauty parlors	61,355	171,943	61,504	78,062	58,323	54,676	3,647
Cleaning, dyeing, pressing, alteration, and repair shops <sup>2</sup>	57,397	130,991	57,512	36,072	22,709	19,308	3,401
Funeral directors, embalmers, and crematories	17,144	230,014	17,078	36,648	39,745	35,225	4,520
Fur repair and storage shops	2,113	11,035	2,040	2,124	2,329	1,903	421
Laundries (not including power laundries) <sup>3</sup>	16,326	42,073	18,487	12,590	7,227	6,213	1,014
Photographic studios	10,402	43,405	9,924	11,792	12,796	11,792	1,004
Rug cleaning and repairing shops <sup>4</sup>	894	2,747	890	736	597	495	102
Shoe repair shops and shoe shine parlors (including hat cleaning)	61,040	109,657	61,118	25,007	16,250	14,652	1,598
Other personal services	2,218	10,138	2,095	3,144	3,246	2,892	354
<b>Business services:</b>							
Adjustment and credit bureaus, and collection agencies	2,873	43,663	1,642	17,968	22,326	21,339	487
Auctioneers' establishments (service only)	725	3,150	756	1,020	724	877	147
Billboard advertising service	491	29,897	250	5,324	8,038	7,655	383
Blueprinting and photostat laboratories	371	6,216	285	1,073	2,016	1,980	36
Coin-operated machine rental and repair service	723	11,541	695	1,862	2,556	2,493	63

<sup>1</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.

<sup>2</sup> Cleaning and dyeing plants with receipts of less than \$5,000 are included. For statistics for cleaning and dyeing plants with receipts of \$5,000 or more, see table 885.

<sup>3</sup> For power laundries, see table 885.

<sup>4</sup> Includes establishments engaged primarily in cleaning rugs, if receipts from such services are less than \$5,000 (see table 885 for establishments with receipts of \$5,000 or more).

No. 883.—SERVICE ESTABLISHMENTS—SUMMARY, BY SERVICE GROUPS AND  
 KIND OF SERVICE: 1935—Continued

KIND OF SERVICE	Number of establishments	Receipts (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	PAY ROLL (THOUSANDS OF DOLLARS)		
					Total	Full-time	Part-time
<b>Business services—Continued.</b>							
Court reporting and public stenographic agencies	1, 193	3, 006	1, 233	931	1, 127	893	234
Dental laboratories	1, 800	17, 990	1, 896	5, 061	6, 224	6, 070	143
Disinfecting and exterminating service	590	6, 407	477	2, 300	2, 852	2, 601	251
Duplicating, addressing, mailing, and mailing list service	1, 257	9, 813	1, 192	4, 465	3, 864	3, 218	646
Employment agencies	1, 334	6, 477	1, 243	1, 750	2, 379	2, 204	115
Freight forwarders and customhouse brokers	757	29, 519	583	9, 590	13, 184	12, 768	416
Insurance claim adjustment offices (independently operated)	728	10, 223	412	3, 017	5, 254	4, 807	447
Linon, coat, apron, and overall supply service	619	18, 129	293	3, 784	4, 892	4, 841	51
Photo finishing laboratories	1, 002	8, 388	900	2, 472	2, 439	2, 261	178
Sign painting shops	5, 035	14, 048	5, 326	3, 754	3, 584	2, 850	728
Ticket agents and brokers, and travel bureaus	939	12, 493	710	2, 622	4, 513	4, 411	102
Title and abstract companies	2, 042	22, 642	1, 170	8, 527	11, 908	11, 544	424
Window cleaning service	749	9, 088	701	5, 907	6, 197	5, 626	571
Other business services	6, 625	248, 772	4, 176	92, 427	108, 953	80, 630	28, 323
<b>Repair services and custom industries:</b>							
<b>Automotive repairs and services (excluding general repair garages):</b>							
Automobile laundries	907	2, 987	877	1, 647	972	777	195
Automobile paint shops	1, 534	5, 525	1, 652	1, 714	1, 562	1, 309	243
Automobile radiator shops	1, 109	3, 850	1, 153	919	874	790	75
Automobile rental service	765	15, 532	497	3, 546	4, 378	4, 111	267
Automobile storage garages	6, 005	68, 040	5, 853	17, 296	17, 381	16, 601	780
Automobile top and body repair shops	5, 501	32, 611	5, 922	10, 210	10, 672	9, 614	1, 058
Battery and ignition repair shops	2, 377	8, 487	2, 467	1, 559	1, 338	1, 221	117
Parking lots	4, 341	18, 751	3, 127	5, 704	4, 428	4, 084	344
Tire repair shops	2, 065	6, 490	2, 101	1, 144	927	833	94
Other automotive repairs	724	5, 645	696	1, 333	1, 629	1, 564	65
<b>Other repair services (except apparel and shoes):</b>							
Armature rewinding shops	788	7, 637	813	2, 102	2, 472	2, 334	138
Bicycle repair shops	1, 313	2, 462	1, 326	425	265	236	29
Blacksmith shops	20, 325	23, 454	21, 142	4, 534	2, 829	2, 328	501
Electrical appliance repair shops	1, 388	5, 005	1, 456	1, 059	910	790	120
Harness and leather goods repair shops	2, 603	3, 837	2, 636	429	247	203	44
Locksmith and gunsmith shops	2, 173	4, 100	2, 222	737	636	580	56
Musical instrument repair shops	459	784	478	110	74	61	13
Piano and organ tuning and repair service	443	652	455	94	86	69	17
Radio repair shops	8, 256	14, 348	8, 661	2, 261	1, 496	1, 237	259
Refrigerator service and repair shops	487	3, 290	534	830	922	857	85
Saw and tool sharpening and repair shops	714	1, 501	729	315	331	306	25
Typewriter repair shops	500	2, 090	534	482	491	461	30
Upholstery and furniture repair shops	7, 856	22, 124	8, 264	5, 414	4, 654	3, 690	994
Watch, clock, and jewelry repair shops	13, 669	28, 450	13, 790	3, 311	2, 900	2, 602	298
Other repair services	10, 452	28, 441	10, 904	6, 744	6, 002	5, 763	339
<b>Custom industries:<sup>5</sup></b>							
Cabinetmaking shops (incl. woodworking)	2, 245	3, 950	2, 380	811	630	447	183
Older mills and presses	404	264	451	97	41	26	15
Grist mills	9, 318	8, 550	9, 193	3, 616	1, 085	849	236
Hemstitching, embroidering, and buttonholing shops	1, 035	2, 110	1, 085	865	612	504	108
Machine shops	2, 983	7, 251	3, 182	1, 927	1, 548	1, 311	237
Mattress renovating and repair shops	920	3, 171	949	849	626	558	68
Molasses, sorghum, and sirup mills	1, 708	398	1, 765	257	50	22	28
Printing and publishing shops	12, 640	31, 891	13, 004	10, 259	6, 271	5, 308	963
Sawmills and planing mills	9, 129	14, 163	10, 319	15, 745	4, 264	3, 152	1, 112
Threshing, corn shelling, hay baling, and other agricultural services	22, 051	15, 745	25, 973	9, 335	3, 272	1, 821	1, 451
Tinsmith shops	2, 318	5, 826	2, 426	1, 407	1, 048	745	303
Welding shops	3, 448	13, 007	3, 684	3, 180	3, 130	2, 720	410
Other industries	17, 071	48, 603	16, 814	20, 870	13, 102	11, 713	1, 389
<b>Miscellaneous services:</b>							
Landscape gardening and tree surgery service	881	9, 165	861	3, 525	4, 169	3, 635	534
Livery stables	248	1, 372	226	358	318	305	13
Other miscellaneous services	4, 820	47, 284	4, 400	13, 599	17, 289	15, 617	1, 672

<sup>5</sup> Includes custom industries and small manufacturing plants not included in the Census of Manufactures for the reason that the value of the products of such establishments is less than the minimum necessary to be classed as a manufacturing plant.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Service Establishments, Vol. I.

## No. 884.—SERVICE ESTABLISHMENTS—SUMMARY, BY STATES: 1935

NOTE.—The census of service establishments covers a heterogeneous group of kinds of business (see table 883) primarily engaged in the sale of service, as distinguished from establishments dealing in merchandise. The professional field, the financial, education, transportation, construction, and diverse other fields of business activity, many of which are covered elsewhere, are not included. Owing to differences in the scope of the 1933 and 1935 censuses of service establishments, the aggregates for 1935 are not comparable with the aggregates for 1933 published in the 1936 issue of the Abstract.

[Receipts and pay roll in thousands of dollars]

DIVISION AND STATE	Number of establishments	Receipts (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	PAY ROLL (THOUSANDS OF DOLLARS) <sup>1</sup>		
					Total	Full-time	Part-time
United States.....	574,708	2,029,302	580,840	634,232	567,517	497,118	70,399
New England.....	39,649	133,121	39,327	37,541	34,086	29,708	4,378
Maine.....	3,561	9,551	3,583	2,586	2,112	1,733	370
New Hampshire.....	2,099	5,603	2,105	1,262	1,017	904	113
Vermont.....	1,511	3,293	1,561	861	602	515	87
Massachusetts.....	21,878	77,081	21,747	22,009	20,461	17,675	2,786
Rhode Island.....	3,206	11,033	3,100	3,210	2,870	2,580	200
Connecticut.....	7,464	26,660	7,231	7,613	7,024	6,301	723
Middle Atlantic.....	149,418	662,462	148,994	179,682	191,979	168,778	23,201
New York.....	86,470	458,474	86,530	121,822	140,014	123,987	16,027
New Jersey.....	21,790	60,216	21,397	19,541	18,000	15,665	2,335
Pennsylvania.....	41,149	134,772	41,048	38,610	33,875	29,226	4,649
East North Central.....	118,289	429,462	120,038	123,009	113,804	102,929	10,875
Ohio.....	32,004	106,004	32,215	31,944	28,977	26,186	2,791
Indiana.....	15,354	37,614	16,130	11,871	8,840	7,639	907
Illinois.....	36,700	172,615	37,108	44,558	46,807	42,018	3,889
Michigan.....	20,278	71,582	20,325	22,019	19,552	17,672	1,880
Wisconsin.....	13,893	40,657	14,255	11,622	9,622	8,214	1,408
West North Central.....	69,472	172,638	72,289	54,237	41,140	36,618	4,522
Minnesota.....	14,124	37,482	14,094	10,712	8,780	7,760	1,020
Iowa.....	13,550	30,687	14,526	8,717	6,221	5,489	732
Missouri.....	18,553	57,460	18,658	20,437	16,535	14,908	1,627
North Dakota.....	2,570	5,602	2,635	1,272	895	789	106
South Dakota.....	3,021	6,370	3,215	1,704	1,064	927	127
Nebraska.....	8,328	17,153	8,908	5,070	3,571	3,171	400
Kansas.....	9,290	19,784	9,605	6,325	4,084	3,574	510
South Atlantic.....	50,495	155,894	49,866	68,490	46,650	41,045	5,605
Delaware.....	1,250	4,052	1,240	1,066	848	755	93
Maryland.....	7,053	22,743	6,958	7,801	6,604	5,157	1,437
District of Columbia.....	2,962	19,303	2,705	6,589	6,743	6,468	275
Virginia.....	6,643	20,732	6,574	9,373	5,602	4,991	1,001
West Virginia.....	4,700	12,703	4,827	3,775	2,842	2,537	305
North Carolina.....	8,141	19,877	8,254	10,493	5,941	5,265	646
South Carolina.....	4,317	9,543	4,201	5,738	2,812	2,443	369
Georgia.....	9,087	23,541	8,912	13,433	7,315	6,730	685
Florida.....	6,261	23,140	6,045	10,222	7,463	6,669	794
East South Central.....	32,664	70,997	33,265	32,770	18,650	16,478	2,172
Kentucky.....	9,204	20,870	9,577	7,387	4,825	4,340	485
Tennessee.....	9,967	25,318	10,137	10,936	6,741	6,166	575
Alabama.....	7,620	16,077	7,503	9,472	4,837	4,068	769
Mississippi.....	5,813	8,723	5,938	4,975	2,247	1,904	343
West South Central.....	44,200	126,884	45,138	55,426	38,670	33,804	4,866
Arkansas.....	5,427	11,206	5,016	5,405	2,905	2,650	255
Louisiana.....	6,262	21,539	6,206	10,407	7,901	6,260	1,641
Oklahoma.....	9,735	21,821	9,926	8,930	5,891	5,296	595
Texas.....	22,776	72,318	23,990	30,678	21,973	19,668	2,405
Mountain.....	18,800	47,237	17,277	14,343	11,829	10,651	1,178
Montana.....	2,431	6,678	2,475	1,722	1,570	1,388	188
Idaho.....	2,524	5,621	2,648	1,807	1,225	1,048	177
Wyoming.....	1,079	2,825	1,118	773	633	578	55
Colorado.....	5,466	15,700	5,476	4,980	4,125	3,727	398
New Mexico.....	1,169	3,560	1,188	1,102	905	824	71
Arizona.....	1,381	5,112	1,376	1,604	1,468	1,308	160
Utah.....	2,409	6,229	2,587	1,970	1,547	1,344	203
Nevada.....	401	1,362	409	325	350	324	26
Pacific.....	53,671	280,607	54,651	69,734	70,809	57,207	13,602
Washington.....	8,660	32,691	8,715	9,951	10,148	7,611	2,537
Oregon.....	5,541	19,289	5,656	6,613	5,865	4,906	959
California.....	39,480	178,527	40,280	53,170	54,796	44,690	10,106

<sup>1</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Service Establishments, Vol. I.

### No. 885.—POWER LAUNDRIES, CLEANING AND DYEING ESTABLISHMENTS, AND RUG-CLEANING ESTABLISHMENTS—SUMMARY: 1919 TO 1935

NOTE.—All money figures in thousands of dollars. Statistics cover establishments reporting receipts of \$5,000 or more. Data for power laundries relate to commercial laundries. Data for cleaning and dyeing establishments are restricted to establishments using mechanical power; they include cleaning and dyeing departments of laundries where separate data could be obtained. Rug-cleaning, which was given a separate classification beginning with 1933, was treated in general as an activity of the power laundry industry at prior censuses; statistics include rug-cleaning departments of laundries and of cleaning and dyeing plants so far as they were reported separately. Data for 1933 are incomplete, as about 15 percent of the laundries and 24 percent of the cleaning and dyeing establishments that had reported for 1931 failed to supply any information as to their status or activities in 1933. The laundries that failed to report accounted for around 8 percent of the 1931 totals for number of wage earners and receipts for work done for all laundries, while the cleaning and dyeing establishments that did not report accounted for about 15 percent of the 1931 totals for these two items for cleaning and dyeing establishments.

	Number of laundries	Proprietors and firm members	Salaried employees <sup>1</sup>	Wage earners (average for the year)	Salaries <sup>2</sup>	Wages	Cost of supplies, fuel, and purchased electric energy	Cost of contract work	Receipts for work done
<b>Power laundries:</b>									
1919.....	4,881	(?)	(?)	130,480	(?)	91,920	52,842	1,555	233,816
1925.....	4,859	3,851	15,412	109,200	31,613	102,466	55,407	1,107	302,295
1927.....	0,013	5,224	17,828	203,216	35,781	201,132	68,283	(?)	454,024
1929.....	0,776	5,220	21,904	233,187	40,833	228,801	80,265	(?)	541,158
1931.....	0,400	(?)	(?)	217,138	(?)	202,197	67,267	2,372	465,909
1933.....	5,122	3,416	13,707	175,545	17,858	120,838	47,706	1,971	295,641
1935.....	0,316	4,244	10,920	208,354	34,586	154,791	62,796	2,356	439,452
<b>Cleaning and dyeing establishments:</b>									
1919.....	1,748	(?)	(?)	18,408	(?)	17,866	11,511	461	53,183
1925.....	2,406	2,263	5,769	26,386	10,560	37,500	15,188	814	102,304
1927.....	3,175	3,106	7,332	40,251	14,474	52,542	18,829	1,340	142,814
1929.....	5,296	4,912	9,244	50,148	20,390	75,931	26,837	(?)	201,255
1931.....	4,598	(?)	(?)	50,643	(?)	57,829	20,250	1,234	147,514
1933.....	3,594	3,000	4,981	43,619	5,048	36,894	15,470	695	93,314
1935.....	5,510	4,980	9,384	57,286	12,483	49,702	21,050	1,129	130,657
<b>Rug-cleaning establishments:</b>									
1933.....	270	250	146	1,506	186	1,404	772	28	4,400
1935.....	506	395	670	2,344	1,136	2,260	1,211	90	4,800

<sup>1</sup> Figures for 1933 exclude data for salaried officers of corporations included in figures for other years.

<sup>2</sup> Not available.

<sup>3</sup> Included in figures for supplies, fuel, and purchased electric energy.

<sup>4</sup> Figures for power laundries include \$876,000 receipts for rug cleaning and \$25,574,000 receipts for cleaning and dyeing; figures for cleaning and dyeing establishments include \$1,683,000 receipts for rug cleaning and \$1,365,000 receipts for laundry work; figures for rug-cleaning establishments include \$173,000 receipts for cleaning and dyeing.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufacturers. The 1933 figures were collected in cooperation with the Laundry Owners National Association and the National Association of Dyers and Cleaners.

### No. 886.—HOTELS—SUMMARY FOR HOTELS WITH 25 OR MORE GUEST ROOMS, 1929, 1933, AND 1935, AND FOR ALL HOTELS, BY SIZE, 1935

NOTE.—Receipts and pay roll in thousands of dollars. The census includes principally establishments designating themselves as hotels and providing accommodations as their major business activity. Establishments reporting a total of less than six guest rooms or receipts from room rentals amounting to less than \$500 for a full year's operations, are excluded from the 1935 figures. Owing to differences in coverage for 1929, 1933, and 1935, comparable data for these years are available only for year-round hotels of 25 or more guest rooms.

ITEM	1929	1933	1935	SIZE (BASED ON NUMBER OF GUEST ROOMS)	Number	Receipts	Proprietors, etc. <sup>1</sup>	Employees <sup>2</sup>
<b>YEAR-ROUND HOTELS WITH 25 OR MORE GUEST ROOMS<sup>1</sup></b>				All hotels, 1935.....	26,822	720,145	24,573	291,165
Number of hotels.....	11,873	10,680	11,373	Hotels having				
Number of guest rooms.....	1,005,684	890,866	934,661	Less than 25 rooms.....	13,092	54,671	12,012	22,365
Receipts.....	273,508	308,674	565,317	25 to 49 rooms.....	8,352	69,810	7,741	30,534
Employees (full-time and part-time) <sup>3</sup>	267,003	190,183	234,491	50 to 99 rooms.....	4,436	96,619	3,084	40,389
Total pay roll <sup>4</sup> .....	232,137	118,480	158,400	100 to 209 rooms.....	2,423	212,836	813	88,682
				300 rooms and over.....	519	286,200	23	100,195

<sup>1</sup> Data for California are not included as comparable figures for all years are not available.

<sup>2</sup> Average number based on number of employees for April, July, October, and December.

<sup>3</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.

<sup>4</sup> Active proprietors and firm members. <sup>5</sup> Full-time and part-time, average for year.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Hotels.

## No. 887.—HOTELS—SUMMARY, BY STATES: 1935

NOTE.—Receipts and pay roll in thousands of dollars. See headnote, table 886

DIVISION AND STATE	Number of establishments	Number of guest rooms	Receipts	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay-roll <sup>1</sup>	ANALYSIS OF RECEIPTS				
							Hotels reporting	Total receipts <sup>2</sup>	Receipts from —		
									Room rentals and sale of meals <sup>3</sup>	Sale of beverages	Sale of merchandise
United States	28,822	1,428,646	720,145	24,573	291,165	191,845	27,971	695,210	668,747	72,082	11,727
Year-round hotels	25,452	1,278,012	674,896	21,612	276,006	183,608	24,706	652,349	624,840	70,405	10,945
Seasonal hotels	3,370	150,634	45,249	2,961	15,159	8,337	3,175	42,861	38,907	1,677	782
New England	1,832	83,740	48,368	1,589	19,076	12,639	1,860	48,922	36,381	7,344	801
Maine	636	20,846	7,681	465	3,013	1,654	515	7,611	6,497	552	177
New Hampshire	365	12,066	4,245	328	1,840	984	344	3,642	3,270	227	65
Vermont	157	5,730	3,040	126	1,203	685	152	2,921	2,263	473	84
Massachusetts	630	29,387	23,928	404	9,180	6,600	505	23,636	17,392	4,597	356
Rhode Island	87	4,266	3,298	59	1,288	993	81	3,155	2,208	754	26
Connecticut	264	11,446	6,176	207	2,462	1,663	253	5,957	4,745	741	93
Middle Atlantic	4,325	294,097	213,899	3,559	77,019	59,613	4,099	201,550	155,257	29,419	2,301
New York	2,207	188,303	146,261	1,748	50,728	41,785	2,127	137,203	105,424	19,844	1,107
New Jersey	948	49,431	26,989	791	9,919	6,407	879	20,358	22,157	2,621	207
Pennsylvania	1,170	56,363	30,339	1,020	16,372	10,421	1,093	37,989	27,070	6,954	987
East North Central	4,034	253,464	134,044	3,238	67,918	39,879	3,898	131,439	101,937	18,236	2,739
Ohio	859	52,927	32,064	693	14,681	9,681	893	31,582	24,371	4,374	499
Indiana	602	25,188	11,237	404	5,307	3,030	491	11,171	9,025	1,077	293
Illinois	1,210	102,113	53,991	858	22,179	17,890	1,184	53,060	40,863	5,989	1,141
Michigan	830	47,872	23,144	707	9,940	6,169	803	22,719	17,091	2,862	400
Wisconsin	627	27,364	13,608	546	5,719	3,209	581	12,917	9,987	1,934	406
West North Central	3,580	144,277	62,241	3,097	26,921	15,122	3,447	60,643	50,186	5,880	1,488
Minnesota	734	35,032	16,074	698	6,557	3,834	778	15,940	12,091	1,945	388
Iowa	506	21,470	8,505	448	3,717	1,990	409	7,608	6,477	884	199
Missouri	906	42,974	20,279	742	9,353	5,557	880	20,121	16,382	1,910	434
North Dakota	254	7,616	2,477	232	977	476	248	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
South Dakota	191	6,567	2,234	181	844	429	186	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Nebraska	364	14,265	7,066	326	2,821	1,546	352	6,864	5,677	679	221
Kansas	515	16,353	5,618	470	2,652	1,270	500	5,521	4,904	122	122
South Atlantic	3,159	144,059	79,038	2,530	33,443	18,993	3,069	76,310	60,071	4,100	1,160
Delaware	33	1,253	1,186	29	442	267	32	( <sup>4</sup> )	802	272	5
Maryland	217	9,177	6,267	185	2,719	1,600	205	6,251	4,546	1,192	141
Dist. of Col.	76	12,033	15,544	38	5,017	4,500	75	( <sup>4</sup> )	12,461	1,452	195
Virginia	410	17,011	10,091	331	4,778	2,422	398	9,978	8,549	291	342
West Virginia	282	11,720	5,619	237	2,755	1,535	273	5,563	4,796	172	130
North Carolina	391	16,660	7,469	306	4,019	1,838	380	6,858	6,419	92	51
South Carolina	203	7,654	3,435	161	1,864	707	198	3,267	3,074	57	39
Georgia	374	16,188	7,666	313	4,301	1,762	365	7,250	6,560	143	67
Florida	1,173	52,393	21,761	930	7,548	4,212	1,143	20,550	18,364	420	190
East South Central	1,192	46,053	22,859	996	12,477	6,344	1,140	22,442	19,770	734	433
Kentucky	355	12,633	6,757	313	3,487	1,711	350	6,642	5,681	523	163
Tennessee	369	15,704	8,857	314	4,625	1,928	362	8,806	7,662	167	200
Alabama	248	9,728	4,223	210	2,656	993	244	4,211	3,930	5	46
Mississippi	190	7,923	3,022	159	1,809	707	184	2,783	2,507	39	24
West South Central	3,079	110,102	48,363	2,757	21,651	11,005	3,005	44,371	38,380	1,405	939
Arkansas	351	11,786	4,622	310	2,388	943	342	4,553	3,957	132	148
Louisiana	284	11,389	7,580	242	3,483	1,905	282	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Oklahoma	720	24,774	7,177	671	3,063	1,831	701	6,469	5,805	104	123
Texas	1,724	62,153	26,984	1,534	12,117	6,321	1,680	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Mountain	2,456	85,743	28,710	2,253	11,151	7,223	2,389	27,664	24,291	1,521	611
Montana	476	15,778	4,476	442	1,001	1,077	470	4,419	3,789	320	147
Idaho	280	8,570	2,744	257	962	585	273	2,684	2,350	101	92
Wyoming	203	7,317	2,296	191	695	483	197	2,250	2,002	159	48
Colorado	696	25,785	7,682	652	3,249	1,950	675	7,020	6,184	376	144
New Mexico	218	6,027	2,542	197	1,129	753	211	2,463	2,320	58	40
Arizona	239	9,145	4,330	203	1,755	1,213	232	4,315	3,701	307	91
Utah	208	8,072	2,884	187	1,256	750	206	2,865	2,520	59	33
Nevada	136	6,446	1,760	124	504	397	125	1,633	1,425	141	7
Pacific	5,142	267,111	85,933	4,554	31,511	23,017	5,074	83,889	71,484	5,943	1,255
Washington	1,017	49,708	13,076	936	5,380	3,436	1,002	12,120	10,334	496	248
Oregon	553	25,557	6,826	508	2,628	1,674	543	6,725	6,131	186	103
California	3,572	191,750	66,031	3,110	23,503	17,907	3,529	65,024	54,519	5,261	904

<sup>1</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.<sup>2</sup> Total includes miscellaneous receipts not shown separately, amounting to \$47,654,000 for United States.<sup>3</sup> 9,029 hotels with total receipts of \$605,335,000 reported room rentals and sales of meals separately, as follows: Rentals, \$231,568,000; meals, \$162,322,000.<sup>4</sup> Figures withheld to avoid disclosing operations of individual seasonal hotels.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Hotels.



## No. 888.—ADVERTISING AGENCIES—SUMMARY: 1935

NOTE.—All money figures in thousands of dollars. Only those establishments that contract for space or other advertising media and place the advertising for the client on a commission or fee basis are included

ITEMS	Total	AGENCIES REPORTING—			SIZE-OF-BILLINGS GROUP (IN THOUSANDS OF DOLLARS)	Number of companies	RATIOS BY SIZE OF BILLINGS GROUPS							
		Billings in detail	Total billings only	No billings			Percent of total revenue	Percent pay roll is of revenue	Percent revenue is of billings					
Number of establishments.....	1,212	918	174	120	Total.....	978	100.0	68.3	15.1					
Number of companies.....	1,089	820	158	111										
Revenue receipts.....	70,840	60,801	7,636	2,403	Billings— Under 500.....	867	24.2	57.2	18.4					
Active proprietors and firm members.....	583	444	73	66										
Employees (average).....	13,080	10,947	1,504	528						500 to 1,000.....	41	6.5	65.5	15.5
Total pay roll <sup>1</sup> .....	41,186	35,518	4,403	1,265						1,000 to 2,000.....	31	9.8	64.5	15.1
Part-time.....	41,331	297	45	10						2,000 to 5,000.....	24	15.3	62.6	14.3
Total operating expenses <sup>1</sup> .....	61,648	52,818	6,685	2,140						Over 5,000.....	15	44.2	55.0	14.1
Total billings.....	(9)	405,888	46,377	(9)										

<sup>1</sup> Includes no compensation for proprietors and firm members of unincorporated businesses.

<sup>2</sup> Including pay roll. <sup>3</sup> Not available.

<sup>4</sup> Distribution of billings by type of media: Newspapers, \$153,152,000; general magazines, including agricultural and religious papers, \$107,330,000; trade and merchandising, industrial, and class and professional papers, \$15,768,000; radio networks, spot broadcasting, and radio talent (not billed through broadcasting systems), \$63,307,000; car cards, outdoor advertising, window display (through organizations), and other media billings, \$23,109,000; direct mail advertising, \$4,118,000; art and mechanical charges, \$26,124,000; all other, \$12,960,000.

## No. 889.—RADIO BROADCASTING—SUMMARY: 1935

NOTE.—Figures cover only those radio stations and networks that sell time

	Number of networks or stations	NET REVENUE (THOUSANDS OF DOLLARS)					Employees (full-time and part-time), average for year	PAY ROLL (THOUSANDS OF DOLLARS)			
		Total	From sale of time					Total	Full-time	Part-time	
			Total	National and regional		Local advertising					
				Net-work	Non-net-work						
Total networks and stations.....		66,493	79,618	39,738	13,805	26,074	14,561	26,911			
Networks.....	8	30,199	27,216	27,216			2,001	5,420			
Commercial broadcast stations.....	557	150,293	52,325	12,522	13,799	26,004	12,484	21,410	10,719	1,601	
Experimental stations.....											77
COMMERCIAL BROADCAST STATIONS BY POWER (IN WATTS) AND AFFILIATION											
United States:											
100 or less.....	238		5,886	218	540	5,228	2,425	2,916	2,757	159	
101 to 999.....	131		8,466	1,371	1,366	5,729	2,400	3,623	3,380	234	
1,000 to 4,999.....	126		16,762	4,242	3,546	8,914	4,023	7,077	6,401	676	
5,000 to 9,999.....	16		1,602			1,065	509	580	800	80	
10,000 to 49,999.....	13		2,298	6,691	8,347	883	408	751	696	55	
50,000 and over.....	33		16,971			4,185	2,713	6,163	5,070	487	
Network affiliation.....	194		38,989	12,522	11,893	14,584	7,265	14,380	13,161	1,219	
100 or less.....	17		885	218	110	557	231	255	241	14	
101 to 999.....	42		4,770	1,371	911	2,488	766	1,767	1,674	93	
1,000 to 4,999.....	77		12,942	4,242	2,964	5,736	2,770	4,011	4,418	493	
5,000 and over.....	58		20,402	6,691	7,908	5,803	3,498	7,447	6,828	619	
No network affiliation.....	363		13,328		1,906	11,420	5,219	7,030	6,558	472	
100 or less.....	221		5,101		430	4,671	2,194	2,661	2,516	145	
101 to 999.....	89		3,696		455	3,241	1,640	1,856	1,715	141	
1,000 to 4,999.....	49		3,760		582	3,178	1,252	2,168	1,983	183	
5,000 and over.....	4		768		430	330	1,183	347	344	3	

<sup>1</sup> Includes net revenue from sale of talent and other sources, not shown separately, as follows: Total, \$6,875,000; networks, \$2,983,000; broadcast stations, \$3,892,000 including \$2,598,000 from sale of talent and \$1,294,000 from other sources.

<sup>2</sup> Data for five networks. The other three networks allocated their personnel to affiliated stations.

Source of tables 888 and 889: Department of Commerce, Bureau of the Census; Census of Business, 1935, Advertising Agencies and Radio Broadcasting.

### 34. CONSTRUCTION AND HOUSING

#### No. 890.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1925 TO 1939

NOTE.—For State figures, see table 891. Public works and public utilities cover some projects not measurable in terms of floor space, such as highways, pipe lines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varying number of States for earlier years have been published in the 1932 and previous issues of the Statistical Abstract. Figures for the individual States and districts in table 891 represent the value of construction contracts awarded in the States and districts where the work was actually done.

[Values in millions and tenths of millions of dollars; floor space in thousands of square feet]

YEAR	Total	Residential	Commercial	Industrial	Public works	Public utilities	Educational	Hospital and institutional	Public buildings	Religious	Social and recreational	Miscellaneous non-residential
<b>Value of construction:</b>												
1925	6,006.4	2,747.7	872.4	326.6	653.9	403.0	418.7	111.1	54.5	153.1	253.0	12.4
1926	6,380.9	2,671.1	920.9	471.3	776.6	512.5	372.7	133.1	67.2	148.8	251.5	52.2
1927	6,303.1	2,573.3	932.9	375.9	972.9	318.3	368.9	162.5	79.5	166.5	260.9	101.5
1928	6,628.3	2,788.3	854.6	508.8	984.4	417.4	390.0	164.7	76.2	127.9	218.8	67.0
1929	5,750.8	1,915.7	920.2	545.9	940.1	469.6	369.6	152.2	120.8	106.1	146.6	54.9
1930	4,523.1	1,101.3	616.3	256.6	969.6	629.8	366.2	163.1	139.8	92.8	116.6	70.9
1931	3,062.8	811.4	311.1	116.2	880.9	250.9	223.4	121.2	181.3	53.1	98.7	35.8
1932	1,351.2	280.1	122.7	43.5	521.1	62.4	80.7	48.4	118.0	27.3	33.9	12.2
1933	1,255.7	249.3	99.4	127.5	504.5	34.5	38.9	37.3	50.9	17.7	27.2	13.7
1934	1,543.1	248.8	150.6	116.1	631.6	111.5	112.3	37.3	55.7	18.3	46.2	14.7
1935	1,844.5	478.8	164.5	108.9	589.1	95.7	168.3	47.1	97.8	23.7	54.9	16.0
1936	2,675.3	801.6	249.1	198.0	721.8	102.1	219.0	74.1	102.2	28.3	74.9	14.2
1937	2,013.1	905.3	267.0	313.7	688.7	262.9	223.2	81.8	104.9	36.9	83.8	14.8
1938	3,106.9	985.8	215.8	121.1	850.2	288.8	334.1	115.6	114.1	35.8	108.0	27.7
1939	3,550.5	1,334.3	246.9	174.8	961.7	280.0	201.4	82.9	110.0	38.4	82.2	28.0
<b>Floor space of buildings:</b>												
1925	936,226	559,499	160,066	66,901	3,040	11,358	60,543	14,037	8,294	18,870	32,261	1,357
1926	883,704	521,062	152,357	75,705	596	6,412	53,757	14,790	7,857	10,370	30,434	4,454
1927	850,573	494,565	141,815	68,131	918	4,535	53,917	18,802	9,943	17,192	33,520	7,240
1928	966,568	568,332	159,192	92,902	609	3,490	61,490	20,004	11,288	15,398	28,012	5,785
1929	791,099	387,670	161,264	105,524	460	5,353	58,639	19,496	12,026	12,318	21,457	5,802
1930	510,382	230,040	96,586	48,010	826	7,611	66,955	19,121	17,023	10,864	16,089	7,248
1931	365,841	190,274	50,037	20,109	496	4,550	36,598	16,880	24,257	5,578	14,013	3,044
1932	155,577	73,607	23,884	9,048	575	1,219	13,710	7,319	16,168	3,518	5,535	964
1933	147,053	72,783	22,551	18,985	170	1,491	5,523	5,598	9,474	2,633	5,600	2,239
1934	152,394	64,255	28,261	17,566	292	1,804	16,775	4,222	9,425	2,650	6,532	612
1935	251,558	135,416	35,391	20,638	915	1,077	26,046	6,176	13,522	3,534	7,909	934
1936	409,676	222,514	57,178	40,291	1,038	3,360	41,985	10,369	14,282	4,312	12,852	1,495
1937	446,084	235,516	62,283	60,816	1,801	5,197	36,489	11,411	12,464	5,730	13,544	1,334
1938	429,028	240,508	41,789	25,247	1,038	1,682	67,023	17,235	16,564	5,303	17,691	5,893
1939	513,380	332,650	48,798	44,268	607	1,324	34,418	11,593	15,121	6,213	12,371	6,020

<sup>1</sup> Owing to change in classification, data for airports have been excluded from "Commercial" class and included with "Public utilities" for 1930 and subsequent years. Separate figures for airports are not available for years prior to 1930.

<sup>2</sup> Owing to change in classification, figures for "Industrial" class exclude data for pipe lines for 1929 and subsequent years (separate figures not available for years prior to 1929), which data are included with those for "Public utilities."

<sup>3</sup> Figures exclude data for 23 projects, valued at \$20,551,900, for which data by class of construction are not available. These projects were under Civil Works Program, which was not in existence after March 1934.

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in Statistical Research Service.

No. 891.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE, BY DISTRICTS AND STATES: 1932 TO 1939

NOTE.—Value in thousands of dollars. See headnote, table 800

DISTRICT AND STATE	1932	1933	1934	1935	1936	1937	1938	1939
Total (37 States).....	1,351,159	1,255,709	1,543,109	1,844,546	2,675,298	2,913,060	3,106,923	3,550,543
New England.....	114,053	120,896	144,861	148,040	215,364	199,587	255,210	255,228
Maine.....	3,747	6,336	7,541	9,774	10,419	9,201	15,517	8,193
New Hampshire.....	4,079	5,627	7,038	4,791	7,569	7,994	11,347	12,354
Vermont.....	4,318	5,927	5,835	7,063	7,745	7,841	6,884	7,261
Massachusetts.....	64,101	62,123	82,317	83,589	115,364	100,298	126,063	120,090
Rhode Island.....	6,348	8,822	12,105	9,931	19,723	11,630	22,316	23,092
Connecticut.....	26,461	31,862	30,026	32,291	54,554	63,122	73,083	70,781
Metropolitan New York and vicinity.....	190,678	176,618	206,498	302,246	417,988	499,157	587,703	547,176
New York (New York City to Newburgh) <sup>1</sup> .....	138,220	133,011	163,158	240,272	316,967	407,539	495,401	431,158
New Jersey (Northern).....	52,440	43,607	43,339	61,973	81,021	91,619	92,302	116,018
Upstate New York <sup>2</sup> .....	76,955	76,671	82,414	83,763	120,460	116,444	127,026	138,691
Middle Atlantic.....	227,815	198,101	319,118	228,157	321,060	377,968	384,762	433,465
Pennsylvania (Eastern).....	83,837	52,609	66,244	70,090	128,413	138,501	133,917	168,572
New Jersey (Southern).....	12,405	10,205	20,218	17,467	28,051	25,638	19,800	24,738
Maryland.....	34,905	24,238	33,601	41,197	52,113	70,008	72,523	80,833
Delaware.....	6,418	4,975	7,558	6,715	13,740	9,704	11,375	13,635
District of Columbia.....	68,487	18,978	23,233	51,676	55,315	65,444	46,437	77,175
Virginia.....	21,383	25,066	40,158	41,023	43,449	68,074	80,045	78,502
Pittsburgh.....	151,612	148,866	300,085	216,587	284,556	386,089	392,478	558,101
Pennsylvania (Western).....	34,883	24,447	37,405	47,960	67,521	112,148	92,469	104,837
West Virginia.....	14,599	9,650	46,193	21,376	22,403	24,459	34,610	36,511
Ohio.....	81,479	84,921	95,432	119,118	163,039	205,549	196,547	244,587
Kentucky.....	20,652	27,848	21,055	28,105	31,593	43,933	59,934	107,100
Southeastern.....	83,260	127,033	155,184	178,594	237,504	264,972	288,357	373,123
North Carolina.....	12,507	19,655	34,373	32,050	51,790	55,741	61,638	68,402
South Carolina.....	7,659	6,252	15,079	18,493	32,272	34,039	34,814	41,077
Georgia.....	21,363	15,194	28,684	35,598	40,134	32,946	50,847	64,837
Florida.....	19,292	28,727	41,823	53,843	72,674	80,913	74,729	92,223
Tennessee (Eastern).....	11,935	31,442	14,003	20,227	42,430	26,303	31,769	64,232
Alabama.....	10,503	25,762	21,223	18,383	48,204	20,030	34,560	42,352
Chicago.....	162,842	121,885	176,174	228,821	322,240	367,824	319,294	395,384
Illinois (Northern).....	66,049	55,489	80,826	102,810	143,974	137,384	119,954	191,559
Indiana.....	25,769	29,500	41,023	46,281	70,257	60,037	78,671	87,155
Iowa.....	25,352	18,254	28,151	39,542	46,857	44,001	57,213	55,206
Wisconsin (South and East).....	35,071	18,553	26,174	40,137	61,153	57,402	63,456	61,464
Central Northwest.....	61,616	44,072	58,599	64,553	89,398	92,387	93,669	100,916
Minnesota.....	36,881	25,315	29,588	34,757	53,377	54,739	56,770	60,446
North Dakota.....	7,620	2,948	6,018	6,727	10,820	6,377	8,258	8,394
South Dakota.....	4,216	6,258	8,202	8,237	8,754	9,498	9,945	7,606
Michigan (No. Peninsula).....	3,897	2,817	4,834	8,623	6,003	8,220	7,827	5,898
Wisconsin (North and West).....	8,904	6,738	8,998	6,208	10,629	13,053	10,800	9,512
Southern Michigan (South Peninsula).....	41,715	47,969	54,842	88,740	136,535	163,976	191,541	155,998
St. Louis.....	81,771	80,303	95,504	114,128	177,831	154,607	187,429	196,930
Illinois (Southern).....	27,705	23,052	36,882	33,262	54,210	60,702	74,861	78,380
Missouri (Eastern).....	33,317	34,845	29,607	51,414	59,169	64,825	70,454	71,242
Arkansas.....	11,327	17,550	22,212	22,783	29,198	17,777	27,683	20,172
Tennessee (Western).....	4,422	4,856	6,802	6,609	35,324	11,304	14,431	18,136
Kansas City.....	76,681	73,751	77,746	90,908	121,185	128,137	139,089	127,930
Kansas.....	23,788	16,368	14,303	24,856	39,857	37,417	35,431	35,473
Oklahoma.....	21,065	20,257	21,270	31,872	31,726	36,111	46,853	34,418
Nebraska.....	14,650	18,357	23,278	16,959	21,472	28,567	32,126	33,938
Missouri (Western).....	17,169	18,768	18,505	17,219	28,151	24,041	24,073	24,101
Texas (State only).....	58,233	59,692	64,282	69,002	110,240	132,118	168,550	179,337
New Orleans.....	37,227	44,093	55,902	61,030	70,948	91,794	91,825	93,279
Louisiana.....	22,594	34,745	40,395	36,069	34,591	62,919	59,931	61,077
Mississippi.....	14,633	9,848	16,607	14,961	36,355	28,875	34,804	31,602
Totals for States in more than one district:								
New Jersey.....	64,944	53,813	63,557	79,430	129,052	117,256	112,162	140,756
New York.....	214,184	209,682	225,572	304,035	437,226	523,082	622,427	569,849
Pennsylvania.....	118,721	77,055	103,049	118,059	195,933	250,049	226,383	293,409
Tennessee.....	16,358	36,298	20,805	26,896	77,755	37,607	46,200	32,308
Illinois.....	94,354	78,541	117,709	136,072	198,184	198,085	194,815	269,039
Wisconsin.....	43,075	25,280	35,172	46,366	71,781	70,450	74,316	70,976
Missouri.....	55,486	53,613	48,412	68,633	87,300	88,866	95,127	95,343
Michigan.....	45,612	50,787	59,676	97,363	142,537	172,196	199,368	161,806

<sup>1</sup> New York City, Long Island, and Westchester, Orange, Putnam, and Rockland Counties, N. Y.

<sup>2</sup> All counties north of Orange, Putnam, and Rockland.

<sup>3</sup> Excludes value of projects under Civil Works Program: Middle Atlantic, \$28,668,900; Pittsburgh, \$883,000.

Source: The F. W. Dodge Corporation, New York, N. Y.; figures published currently in Statistical Research Service.

No. 892.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE, BY PUBLIC AND PRIVATE OWNERSHIP, AND FLOOR SPACE, BY MONTHS: 1936 TO 1940

NOTE.—See headnote, table 890

MONTH	VALUE (THOUSANDS OF DOLLARS)									
	Total					Public ownership				
	1936	1937	1938	1939	1940	1936	1937	1938	1939	1940
<b>Total</b> .....	2, 675, 288	2, 613, 060	3, 190, 929	3, 550, 543	-----	1, 334, 230	1, 151, 943	1, 704, 720	1, 708, 239	-----
January.....	214, 793	242, 719	102, 231	251, 673	190, 191	149, 192	112, 237	117, 601	147, 916	92, 532
February.....	140, 419	188, 257	118, 945	220, 197	200, 574	78, 831	69, 851	51, 054	110, 975	81, 090
March.....	198, 762	231, 246	226, 018	300, 061	272, 178	96, 110	66, 355	94, 597	127, 776	94, 971
April.....	234, 632	269, 634	222, 016	330, 030	300, 504	104, 550	74, 164	99, 219	159, 656	103, 450
May.....	216, 071	243, 738	283, 156	308, 487	325, 014	94, 401	92, 520	143, 700	134, 757	111, 578
June.....	352, 665	317, 742	251, 006	288, 316	324, 720	116, 990	137, 458	107, 777	127, 695	147, 316
July.....	204, 735	321, 603	239, 790	269, 853	395, 673	153, 302	130, 770	97, 838	136, 543	204, 568
August.....	275, 281	281, 217	318, 141	312, 328	414, 941	163, 018	103, 641	171, 099	158, 459	195, 293
September.....	234, 272	207, 072	300, 900	323, 227	347, 661	115, 500	79, 624	100, 125	144, 216	143, 996
October.....	225, 768	202, 081	357, 698	261, 796	-----	101, 231	77, 839	203, 359	91, 604	-----
November.....	203, 204	193, 401	301, 679	269, 847	-----	89, 086	92, 889	178, 948	143, 647	-----
December.....	199, 690	209, 450	389, 439	354, 098	-----	82, 400	115, 053	279, 403	225, 095	-----

  

Total	Value (thousands of dollars)—Continued					Floor space of buildings (thousands of square feet)				
	Private ownership					Public ownership				
	1936	1937	1938	1939	1940	1936	1937	1938	1939	1940
<b>Total</b> .....	1, 341, 068	1, 761, 117	1, 492, 208	1, 842, 304	-----	409, 676	448, 084	428, 028	613, 330	-----
January.....	65, 001	130, 482	74, 630	103, 757	103, 050	27, 053	33, 442	19, 200	34, 511	28, 282
February.....	61, 589	118, 876	67, 891	109, 222	118, 908	20, 857	28, 942	18, 904	32, 055	31, 598
March.....	102, 662	164, 891	132, 321	172, 855	177, 207	31, 258	41, 569	34, 053	45, 733	45, 705
April.....	130, 073	195, 370	122, 797	170, 374	197, 054	37, 468	48, 240	32, 509	45, 102	50, 293
May.....	121, 580	151, 212	139, 456	173, 730	217, 330	36, 303	40, 222	34, 760	45, 488	53, 347
June.....	116, 275	180, 284	143, 229	160, 721	177, 410	36, 881	40, 302	35, 382	43, 115	51, 736
July.....	141, 433	190, 827	141, 961	163, 340	194, 105	38, 793	45, 812	33, 308	44, 995	59, 824
August.....	122, 263	177, 676	142, 042	163, 800	219, 048	40, 285	40, 880	38, 527	43, 600	62, 993
September.....	118, 712	127, 448	140, 775	170, 011	203, 055	35, 448	32, 354	37, 523	49, 570	65, 085
October.....	124, 537	124, 242	154, 339	170, 192	-----	36, 719	30, 296	50, 609	45, 176	-----
November.....	119, 118	105, 512	122, 731	156, 200	-----	34, 948	29, 337	45, 138	40, 547	-----
December.....	117, 236	94, 307	110, 036	129, 008	-----	33, 633	28, 718	45, 548	34, 424	-----

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in Statistical Research Service.

No. 893.—CONSTRUCTION CONTRACTS AWARDED—INDEXES OF VALUE: 1919 TO 1940

NOTE.—1923-25 average=100. Indexes are derived from monthly figures of construction contracts awarded reported by the F. W. Dodge Corporation. Reports covered 37 States beginning with May 1924 and a varying number for earlier years. In order to obtain comparable figures from 1919 to date, the total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments were computed separately for "residential" and "all other" types of construction and the two series combined. The indexes are based on a 3-month moving average, centered at the middle month. For a more detailed description of the indexes, see the Federal Reserve Bulletin for July 1931

YEAR	Total	Resi- den- tial	All other	YEAR AND MONTH	Total	Resi- den- tial	All other	YEAR AND MONTH	Total	Resi- den- tial	All other
1919.....	63	44	79	1938:				1939—Con.			
1920.....	63	30	90	January.....	52	26	73	April.....	67	58	74
1921.....	56	44	65	February.....	51	32	66	May.....	63	55	68
1922.....	79	68	88	March.....	46	33	56	June.....	63	58	67
1923.....	84	81	86	April.....	52	37	65	July.....	67	62	71
1924.....	94	95	94	May.....	51	37	62	August.....	73	67	78
1925.....	122	124	120	June.....	54	42	64	September.....	73	68	76
1926.....	129	121	135	July.....	59	49	68	October.....	76	68	82
1927.....	129	117	139	August.....	66	53	77	November.....	83	61	101
1928.....	135	126	142	September.....	78	56	96	December.....	86	60	107
1929.....	117	87	142	October.....	82	57	102	1940:			
1930.....	92	50	125	November.....	96	56	128	January.....	75	53	93
1931.....	63	37	84	December.....	96	57	128	February.....	63	56	68
1932.....	28	13	40	1939:				March.....	62	37	66
1933.....	25	11	37	January.....	86	55	111	April.....	64	62	66
1934.....	32	12	48	February.....	73	58	85	May.....	64	64	65
1935.....	37	21	50	March.....	69	55	80	June.....	74	69	77
1936.....	55	37	70								
1937.....	59	41	74								
1938.....	64	45	80								
1939.....	72	60	81								

Source: Board of Governors of the Federal Reserve System; figures published currently in Federal Reserve Bulletin.

No. 894.—BUILDING PERMITS ISSUED—NUMBER AND COST OF BUILDINGS, FOR  
PRINCIPAL CITIES: 1935 TO 1939

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. Buildings authorized by permit are not always actually constructed, and the actual cost of those constructed may differ considerably from that originally estimated. The cities shown had a population of 50,000 or over in 1930

CITY	TOTAL NUMBER OF BUILDINGS					ESTIMATED COST OF BUILDINGS (THOUSANDS OF DOLLARS)				
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
Akron, Ohio	1,387	1,781	1,860	1,393	1,378	1,338	2,416	3,350	1,622	3,288
Albany, N. Y.	1,814	2,280	2,377	2,389	2,616	2,121	2,847	3,154	2,094	2,187
Allentown, Pa.	275	370	456	367	787	723	797	1,430	2,188	2,004
Altoona, Pa.	597	554	724	402	651	223	247	649	134	304
Asheville, N. C.	246	605	492	418	420	300	664	723	727	875
Atlanta, Ga.	2,324	2,346	2,148	2,205	4,370	6,622	4,789	4,075	3,956	14,968
Atlantic City, N. J.	845	876	874	721	846	2,180	751	980	910	2,174
Augusta, Ga.	413	476	385	468	1,021	693	760	737	952	2,005
Austin, Tex.	2,219	2,399	2,325	3,127	3,698	5,688	4,773	4,281	6,958	6,774
Baltimore, Md.	8,137	8,730	9,345	9,631	11,645	8,326	14,768	15,160	15,765	16,795
Bayonne, N. J.	269	274	272	252	223	1,502	491	671	924	834
Beaumont, Tex.	1,104	1,152	1,292	1,251	1,462	696	1,108	1,373	1,107	1,695
Berkeley, Calif.	1,077	1,758	2,034	2,049	1,841	1,203	2,520	2,327	3,570	3,133
Bethlehem, Pa.	166	203	272	215	307	301	570	1,325	620	1,252
Binghamton, N. Y.	2,290	1,684	1,323	1,187	1,325	1,140	1,784	1,741	1,568	2,219
Birmingham, Ala.	3,506	4,158	5,204	5,087	7,438	2,335	3,697	2,833	2,732	8,185
Boston, Mass.	6,241	6,370	5,919	5,421	5,221	15,416	17,882	21,947	15,133	19,702
Bridgeport, Conn.	653	783	708	766	2,201	1,153	1,591	2,555	1,489	6,260
Brockton, Mass.	374	344	318	287	309	400	330	608	270	309
Buffalo, N. Y.	2,216	1,899	2,048	2,253	3,008	4,148	7,143	6,433	7,155	13,202
Cambridge, Mass.	678	684	694	665	656	845	2,939	3,600	3,221	2,978
Camden, N. J.	588	1,113	1,049	851	846	1,601	3,391	1,871	711	1,610
Canton, Ohio	628	945	1,519	1,843	1,382	450	927	1,398	1,824	1,677
Cedar Rapids, Iowa	1,521	1,496	1,796	2,036	2,270	979	1,088	1,261	1,654	1,803
Charleston, S. C.	522	570	565	761	1,183	1,507	2,870	1,507	3,952	4,817
Charleston, W. Va.	521	885	1,200	1,203	1,466	1,244	2,065	2,408	2,948	5,380
Charlotte, N. C.	944	1,292	910	789	1,495	1,491	2,741	3,483	2,907	5,699
Chattanooga, Tenn.	3,292	4,243	4,007	3,570	4,139	1,190	2,765	2,764	3,004	5,208
Chester, Pa.	124	98	108	94	126	360	309	381	402	1,850
Chicago, Ill.	4,237	5,670	5,830	5,676	7,699	17,839	35,911	35,957	29,350	52,136
Cicero, Ill.	86	156	249	146	237	200	351	725	555	624
Cincinnati, Ohio	4,415	4,968	6,050	5,281	5,170	9,919	24,039	15,105	12,086	12,372
Cleveland, Ohio	3,549	4,809	4,729	4,567	6,750	12,357	8,887	11,334	7,390	20,802
Columbia, S. C.	542	629	555	495	1,013	1,621	3,177	1,620	1,704	5,237
Columbus, Ohio	1,210	1,674	2,323	2,255	3,050	2,757	5,008	6,086	6,210	11,523
Covington, Ky.	173	205	181	194	472	136	632	787	345	3,055
Dallas, Tex.	3,330	4,304	4,006	4,747	5,009	5,183	11,596	7,534	8,853	10,877
Davenport, Iowa	1,535	1,674	1,625	1,923	2,094	437	854	1,124	1,680	3,309
Dayton, Ohio	769	1,072	1,694	1,536	2,166	1,149	3,029	4,493	3,259	4,762
Decatur, Ill.	271	261	325	250	372	880	870	796	1,577	917
Denver, Colo.	3,470	3,930	4,461	4,848	5,573	5,150	7,552	8,010	8,539	15,434
Des Moines, Iowa	1,102	1,490	1,305	1,640	2,170	2,158	2,623	2,702	3,031	6,028
Detroit, Mich.	10,145	16,617	16,535	17,278	20,279	22,218	43,052	56,543	51,770	62,773
Duluth, Minn.	1,631	1,919	1,735	1,900	1,959	980	1,195	2,197	1,476	1,934
Durham, N. C.	409	459	481	504	412	1,146	1,895	2,297	2,936	2,598
East Chicago, Ind.	224	336	461	248	343	645	564	1,024	1,851	2,309
East Orange, N. J.	1,082	1,236	607	541	673	672	1,595	1,559	1,013	815
East St. Louis, Ill.	282	421	432	395	382	637	373	889	403	869
Elizabeth, N. J.	357	372	386	357	374	587	943	834	1,224	3,711
El Paso, Tex.	462	618	732	717	1,208	1,183	959	1,707	1,700	2,631
Eric, Pa.	533	621	802	705	877	640	747	1,405	1,651	1,342
Evanston, Ill.	233	320	343	364	421	948	2,108	3,022	2,708	2,653
Evansville, Ind.	1,237	1,605	2,140	1,195	1,417	1,110	1,953	3,236	1,370	1,850
Fall River, Mass.	321	311	375	309	781	195	312	560	680	1,560
Flint, Mich.	2,350	3,455	3,866	2,691	3,936	1,451	3,439	3,669	2,593	8,418
Fort Wayne, Ind.	1,079	1,562	1,566	1,136	1,346	1,208	1,793	2,563	2,095	4,017
Fort Worth, Tex.	1,224	2,010	1,918	2,481	3,043	3,312	8,534	7,105	6,340	7,204
Fresno, Calif.	2,044	2,333	2,226	2,644	2,611	2,068	2,155	3,020	2,791	3,566
Galveston, Tex.	1,144	1,136	1,243	1,604	1,574	1,243	1,674	3,792	3,263	1,439
Gary, Ind.	1,859	1,127	1,167	704	1,329	625	1,319	1,738	1,000	2,741
Grand Rapids, Mich.	999	1,530	2,016	1,857	2,384	571	1,676	2,167	1,441	2,613
Greensboro, N. C.	540	908	663	591	834	1,074	1,847	2,121	1,872	2,163

1 Figures represent applications filed.

No. 894.—BUILDING PERMITS ISSUED—NUMBER AND COST OF BUILDINGS, FOR PRINCIPAL CITIES: 1935 TO 1939—Continued

CITY	TOTAL NUMBER OF BUILDINGS					ESTIMATED COST OF BUILDINGS (THOUSANDS OF DOLLARS)				
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
Hamilton, Ohio	206	331	439	449	478	255	464	771	612	646
Hammond, Ind.	1,129	1,415	1,407	1,185	1,173	1,406	3,261	3,255	2,456	2,849
Hamtramck, Mich.	385	409	432	342	418	510	416	579	336	624
Harrisburg, Pa.	309	379	436	400	484	779	1,268	7,356	1,781	3,481
Hartford, Conn.	1,674	1,947	1,640	2,100	1,772	2,635	3,045	6,200	3,971	3,713
Highland Park, Mich.	244	250	262	188	227	440	569	1,622	411	850
Hoboken, N. J.	390	453	300	445	473	522	497	901	1,194	1,005
Holyoke, Mass.	204	162	186	174	148	336	674	423	467	346
Houston, Tex.	3,128	4,540	4,683	5,611	6,254	7,389	18,493	18,607	25,052	26,737
Huntington, W. Va.	231	343	478	450	844	613	1,519	1,288	1,553	3,877
Indianapolis, Ind.	2,268	2,558	2,910	3,120	3,641	6,334	8,200	7,558	9,416	11,233
Irrvington, N. J.	248	324	290	290	293	446	387	982	521	436
Jackson, Mich.	298	359	523	307	382	163	377	586	390	365
Jacksonville, Fla.	4,913	4,746	4,414	4,749	4,588	3,107	4,843	5,037	9,528	7,373
Jersey City, N. J.	762	795	712	549	621	1,063	9,687	2,847	1,434	5,725
Johnstown, Pa.	322	901	704	452	419	123	875	1,315	370	405
Kalamazoo, Mich.	620	783	843	758	820	883	1,390	699	2,139	2,251
Kansas City, Kans.	367	445	421	377	422	1,924	671	881	2,044	3,681
Kansas City, Mo.	1,096	1,022	992	900	1,557	3,926	6,981	5,665	3,185	2,811
Kenosha, Wis.	208	431	418	271	409	389	558	569	393	710
Knoxville, Tenn.	640	837	914	872	2,337	1,888	2,698	2,086	1,679	4,943
Lakewood, Ohio	237	327	292	290	281	421	740	601	1,168	689
Lancaster, Pa.	374	496	508	413	340	695	2,242	1,187	736	655
Lansing, Mich.	715	939	866	676	808	1,054	2,174	3,800	1,513	1,764
Lawrence, Mass.	321	344	368	292	315	307	908	1,022	630	820
Lincoln, Neb.	1,882	1,554	1,577	1,997	2,404	991	1,078	1,645	1,508	2,806
Little Rock, Ark.	1,324	1,200	1,462	1,150	1,603	577	982	1,479	1,902	1,892
Long Beach, Calif.	5,621	7,611	8,454	10,326	12,453	6,828	8,083	8,130	11,873	12,066
Los Angeles, Calif.	21,559	30,571	32,884	35,563	39,141	32,510	64,105	64,614	70,969	76,637
Louisville, Ky.	1,297	1,674	1,462	1,472	2,612	3,262	5,963	4,745	3,944	8,677
Lowell, Mass.	411	626	448	362	681	253	553	720	424	2,425
Lynn, Mass.	486	585	658	500	499	796	933	1,113	1,086	1,059
Macon, Ga.	567	885	835	503	916	291	828	490	446	2,082
Madison, Wis.	682	937	1,023	912	997	1,150	1,952	2,428	4,156	6,046
Malden, Mass.	276	305	322	411	414	167	697	463	372	1,547
Manchester, N. H.	930	891	971	2,178	1,556	390	792	1,364	1,456	1,200
McKeesport, Pa.	556	741	967	684	1,015	284	681	695	520	1,561
Medford, Mass.	254	261	263	247	250	320	808	559	1,165	416
Memphis, Tenn.	2,854	3,040	3,574	3,540	4,978	2,772	10,233	6,589	6,102	10,354
Miami, Fla.	6,354	7,758	7,076	6,407	7,887	5,431	13,303	13,670	11,707	16,365
Milwaukee, Wis.	4,119	5,320	5,242	4,437	5,522	7,405	11,099	13,964	6,552	10,449
Minneapolis, Minn.	3,974	4,701	5,067	4,620	5,121	4,772	7,593	10,683	7,852	13,683
Mobile, Ala.	552	618	520	590	1,322	512	859	1,074	1,272	4,451
Montgomery, Ala.	1,483	1,732	1,799	1,334	1,655	1,748	1,556	1,347	2,148	2,757
Mt. Vernon, N. Y.	253	218	212	242	255	1,357	2,228	826	1,465	919
Nashville, Tenn.	1,194	2,019	1,400	1,192	1,236	3,545	7,635	4,567	3,946	3,601
Newark, N. J.	1,057	1,088	1,084	896	1,187	5,585	5,689	4,948	3,691	9,557
New Bedford, Mass.	443	604	704	947	786	387	361	780	517	864
New Britain, Conn.	552	904	928	944	894	715	1,039	1,037	978	942
New Haven, Conn.	588	727	772	890	981	1,079	1,272	3,998	2,994	3,917
New Orleans, La.	999	1,367	1,225	1,152	2,440	3,956	4,816	13,319	5,082	19,230
New Rochelle, N. Y.	233	343	351	291	397	591	1,761	3,117	1,777	1,226
Newton, Mass.	664	864	712	906	865	2,591	4,511	3,253	2,838	2,958
New York, N. Y.:										
Borough of Bronx	6,231	7,411	7,194	2,425	2,175	23,721	55,043	50,322	48,216	43,320
Borough of Brooklyn	10,566	15,491	15,021	14,359	11,031	48,172	62,848	68,611	64,091	62,011
Borough of Manhattan	4,239	4,753	5,531	4,483	4,432	47,148	63,336	90,289	71,155	55,570
Borough of Queens	13,517	17,604	17,666	17,327	16,190	29,462	49,220	100,814	149,534	82,182
Borough of Richmond	1,655	1,990	2,029	2,086	924	5,381	3,620	4,563	3,208	3,402
Niagara Falls, N. Y.	882	1,119	1,633	1,412	1,403	967	3,352	2,888	1,416	1,731
Norfolk, Va.	774	899	963	1,156	1,309	2,612	2,179	3,382	8,260	5,192
Oakland, Calif.	3,861	5,104	5,063	5,347	6,472	9,545	8,655	8,101	9,276	11,364
Oak Park, Ill.	225	346	359	329	302	626	1,498	991	715	783
Oklahoma City, Okla.	1,298	2,031	2,040	1,842	1,845	3,292	8,144	5,775	5,745	4,580
Omaha, Neb.	1,157	1,327	1,440	1,595	2,188	1,642	4,340	3,842	1,926	5,454
Pasadena, Calif.	2,411	2,917	3,329	3,552	4,534	2,221	3,029	4,411	3,355	3,747
Passaic, N. J.	636	468	546	442	549	479	844	610	455	737
Paterson, N. J.	1,042	1,012	840	787	925	897	1,788	1,116	1,729	1,696
Pawtucket, R. I.	487	516	556	598	625	456	643	860	1,529	1,327

Figures represent applications filed.

No. 894.—BUILDING PERMITS ISSUED—NUMBER AND COST OF BUILDINGS, FOR PRINCIPAL CITIES: 1935 TO 1939—Continued

CITY	TOTAL NUMBER OF BUILDINGS					ESTIMATED COST OF BUILDINGS (THOUSANDS OF DOLLARS)				
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
Peoria, Ill.	711	1,405	1,257	1,405	1,058	1,344	4,455	3,788	3,161	7,296
Philadelphia, Pa.	4,407	7,440	11,740	9,401	11,945	12,387	23,561	37,284	21,730	40,801
Pittsburgh, Pa.	2,448	2,755	3,144	3,000	3,406	5,911	7,673	8,597	11,440	18,460
Pontiac, Mich.	536	798	1,130	651	906	769	1,489	1,632	1,402	1,391
Port Arthur, Tex.	817	1,399	1,480	1,373	1,310	546	1,028	828	1,445	1,103
Portland, Me.	872	879	882	890	922	498	681	772	624	935
Portland, Oreg.	3,721	4,710	4,814	4,485	4,808	3,542	6,700	8,688	6,790	9,723
Providence, R. I.	3,062	3,974	3,927	3,664	2,976	2,063	5,085	3,028	4,726	3,484
Pueblo, Colo.	544	543	767	788	803	441	290	558	525	857
Quincy, Mass.	935	1,197	1,178	1,424	1,256	554	1,066	1,177	1,415	2,289
Racine, Wis.	263	377	367	483	551	428	1,174	861	1,000	1,584
Reading, Pa.	646	1,328	1,427	1,170	1,625	360	1,875	1,088	1,379	2,344
Richmond, Va.	1,468	1,666	1,529	1,594	1,535	1,743	3,725	4,269	4,595	7,702
Roanoke, Va.	432	480	586	761	849	624	983	2,005	1,501	1,215
Rochester, N. Y.	1,393	1,695	1,827	1,714	1,736	2,798	5,778	6,040	3,753	4,938
Rockford, Ill.	539	842	894	761	1,004	586	1,228	1,321	1,310	3,461
Sacramento, Calif.	1,220	1,859	2,310	2,922	2,458	1,916	7,216	9,169	9,125	7,004
Saginaw, Mich.	2,844	1,221	1,341	1,105	1,307	1,288	1,529	1,438	1,035	2,952
St. Joseph, Mo.	190	325	235	183	212	311	324	207	789	1,350
St. Louis, Mo.	4,091	4,236	3,995	3,916	4,344	15,151	10,231	9,788	9,079	13,874
St. Paul, Minn.	2,704	3,210	3,183	3,468	4,048	3,182	6,235	6,196	7,016	8,115
Salt Lake City, Utah.	1,788	1,781	2,166	2,333	2,187	1,926	3,456	4,128	4,186	5,008
San Antonio, Tex.	6,097	2,907	3,028	3,076	5,586	6,056	4,731	5,201	6,251	8,509
San Diego, Calif.	3,065	3,949	4,213	4,539	4,957	5,327	9,456	9,900	13,996	10,215
San Francisco, Calif.	4,064	5,063	5,861	6,567	7,614	12,345	19,930	20,359	25,728	29,294
San Jose, Calif.	839	1,173	1,237	1,286	1,442	1,323	2,346	2,320	2,940	3,047
Savannah, Ga.	226	314	433	561	1,061	389	1,523	1,052	9,740	2,652
Schenectady, N. Y.	1,156	1,295	1,457	1,184	1,212	965	1,791	2,538	1,628	1,074
Scranton, Pa.	653	695	463	523	500	581	1,796	768	1,823	700
Seattle, Wash.	3,474	4,172	4,046	4,147	5,220	3,827	6,798	7,183	8,408	12,471
Shreveport, La.	1,447	1,432	1,513	1,703	1,838	1,305	2,511	2,886	5,073	6,090
Stour City, Iowa.	300	409	367	438	554	529	887	756	1,120	1,189
Somerville, Mass.	301	295	347	286	274	305	538	431	259	363
South Bend, Ind.	887	1,234	1,680	1,113	2,181	559	1,103	1,892	1,058	2,160
Spokane, Wash.	1,752	2,803	3,264	3,468	3,938	1,668	3,946	2,880	3,380	3,790
Springfield, Ill.	412	433	468	387	740	490	2,587	1,707	1,721	1,670
Springfield, Mass.	529	610	796	690	713	582	1,300	2,807	2,371	3,559
Springfield, Mo.	687	746	798	778	1,005	580	976	1,456	1,968	1,078
Springfield, Ohio.	437	583	749	734	755	574	844	977	1,407	1,233
Syracuse, N. Y.	613	802	727	673	989	1,967	3,137	3,248	1,733	3,460
Tacoma, Wash.	949	1,779	1,753	1,482	1,529	676	1,448	1,453	1,595	2,222
Tampa, Fla.	2,114	1,990	2,134	3,032	3,344	962	1,410	2,037	1,351	2,767
Terre Haute, Ind.	619	719	652	440	647	322	912	533	2,596	1,452
Toledo, Ohio.	1,060	1,714	1,873	1,363	2,241	1,762	5,913	4,607	2,357	6,077
Topeka, Kans.	631	881	830	757	743	979	2,288	2,125	2,214	1,087
Trenton, N. J.	306	500	530	489	823	549	888	983	1,028	4,701
Troy, N. Y.	513	542	591	590	675	1,254	994	951	588	615
Tulsa, Okla.	989	1,138	1,100	1,492	1,813	1,586	2,588	6,013	3,261	4,557
Union City, N. J.	424	372	391	310	310	435	392	594	249	398
Utica, N. Y.	197	178	177	138	267	289	521	996	656	1,244
Waco, Tex.	308	410	427	402	477	1,837	920	784	890	888
Washington, D. C.	6,792	7,777	6,873	6,672	7,199	47,216	51,113	43,205	51,578	71,050
Waterbury, Conn.	369	554	533	525	450	471	1,320	1,608	1,608	1,053
Wheeling, W. Va.	468	747	689	536	619	570	1,227	2,293	941	961
Wichita, Kans.	1,867	1,938	2,236	2,936	2,701	1,251	2,350	2,306	3,100	2,828
Wilkes-Barre, Pa.	646	1,175	1,043	1,117	1,104	752	1,205	1,010	998	934
Wilmington, Del.	1,059	1,243	1,184	985	1,121	2,430	4,101	4,270	2,280	4,444
Winston-Salem, N.C.	829	1,422	1,367	1,280	1,329	1,066	1,499	2,121	2,510	2,255
Worcester, Mass.	1,156	1,212	1,227	2,377	1,347	1,959	1,960	3,426	3,420	3,550
Yonkers, N. Y.	660	692	752	770	650	2,368	4,132	5,043	9,794	5,284
York, Pa.	865	1,104	1,270	1,213	1,242	414	715	1,051	653	1,192
Youngstown, Ohio.	914	1,059	1,191	867	1,310	740	1,558	1,882	1,293	6,197

1 Data for 11 months only; March records destroyed by fire.

Source: Department of Labor, Bureau of Labor Statistics; reports No. 650 and 668, Statistics of Building Construction, 1920 to 1938, and official records; figures published currently in monthly report, Building Construction.

No. 895.—BUILDING PERMITS ISSUED—NUMBER AND COST OF BUILDINGS, BY CLASS: 1938 AND 1939

NOTE.—See headnote, table 894. Figures cover 2,328 identical cities

CLASS OF BUILDING	NUMBER OF BUILDINGS		Percent increase or decrease	ESTIMATED COST (1,000 DOLLARS)		Percent increase or decrease
	1938	1939		1938	1939	
Grand total, all buildings	678,385	775,764	+14.4	1,782,978	2,135,682	+19.8
Total, new buildings	282,613	367,528	+30.0	1,459,520	1,784,075	+22.2
New residential buildings	161,636	233,155	+44.2	882,268	1,169,098	+32.6
1-family dwellings	150,406	217,150	+44.3	592,250	836,724	+41.3
2-family dwellings	6,830	7,019	+35.7	29,613	40,130	+35.5
1-family and 2-family dwellings with stores	983	922	-6.2	3,308	4,154	+9.1
Multifamily dwellings	3,871	6,594	+70.3	240,332	207,239	-11.2
Multifamily dwellings with stores	145	179	+23.4	5,904	4,836	-17.7
Hotels	66	100	+67.7	2,612	8,232	+215.2
Lodging houses	37	61	+67.8	1,174	2,006	+52.9
Other	233	201	-13.7	7,500	8,090	+6.9
New nonresidential buildings	120,977	134,498	+11.1	577,655	614,379	+6.4
Amusement buildings	1,772	1,658	-6.7	27,020	25,108	-9.1
Churches	936	937	+5.4	16,104	16,177	-0.1
Factories and workshops	2,463	2,082	+8.9	46,726	47,450	+3.8
Public garages	850	1,169	+30.6	7,340	8,452	+15.1
Private garages	77,411	87,168	+12.6	19,840	21,886	+10.3
Service stations	4,380	4,755	+8.5	15,495	18,206	+17.5
Institutions	331	301	-9.1	51,442	48,694	-6.3
Office buildings	474	501	+5.7	18,004	20,332	+12.4
Public buildings	702	554	-27.3	109,932	100,350	-8.7
Public works and utilities	651	705	+12.3	35,004	56,980	+60.1
Schools and libraries	949	904	-4.7	129,143	143,472	+11.1
Sheds	10,446	10,892	+2.7	4,758	5,172	+8.7
Stables and barns	586	654	+11.6	482	718	+49.0
Stores and warehouses	10,564	12,261	+16.1	93,005	98,053	+6.4
All other	2,302	3,207	+38.8	2,079	2,430	+18.2
Additions, alterations, and repairs	395,772	408,226	+3.1	323,056	351,607	+8.8

No. 896.—BUILDING CONSTRUCTION—COST, FAMILIES PROVIDED FOR, AND POPULATION, FOR 257 IDENTICAL CITIES: 1923 TO 1939

[Estimated-cost figures are based on permits issued for new buildings and for repairs to old buildings but do not include data for installation permits. See headnote, table 894]

YEAR	ESTIMATED COST OF BUILDINGS (THOUSANDS OF DOLLARS)				Estimated population (thousands)	FAMILIES PROVIDED FOR			PERCENTAGE OF FAMILIES PROVIDED FOR		
	Total building operations	New residential buildings	New nonresidential buildings	Additions, alterations, and repairs		Number	Ratio to each 10,000 inhabitants	Index number adjusted to population (1921=100)	1-family dwellings	2-family dwellings <sup>1</sup>	Multifamily dwellings <sup>2</sup>
1923	3,398,884	1,998,393	1,065,624	334,867	39,076	453,673	116.1	103.4	45.8	21.2	33.0
1924	3,508,267	2,088,427	1,125,291	344,548	39,909	442,006	110.8	131.6	47.4	21.4	31.2
1925	4,028,060	2,390,360	1,300,464	337,182	40,742	401,032	120.5	200.8	45.0	17.5	36.6
1926	3,826,927	2,222,875	1,202,738	341,315	41,575	462,208	111.2	185.2	40.7	13.9	45.4
1927	3,478,604	1,906,009	1,231,736	340,815	42,409	408,095	95.8	150.5	38.3	13.4	48.3
1928	3,304,700	1,859,424	1,135,570	309,706	42,575	388,979	80.0	149.5	36.2	11.1	53.7
1929	2,983,212	1,438,716	1,147,707	361,700	44,078	244,304	55.4	92.4	40.2	11.2	48.6
1930	1,697,725	601,276	849,387	247,068	44,908	125,315	27.9	46.5	46.7	12.1	42.2
1931	1,287,458	426,270	622,830	188,357	(*)	98,159	21.0	36.4	40.2	11.5	39.3
1932	481,219	103,445	275,509	102,265	(*)	27,380	6.1	10.2	71.3	12.4	16.3
1933	382,279	91,345	183,009	107,028	(*)	25,885	5.8	9.6	55.8	8.2	36.0
1934	379,231	70,622	166,361	136,248	(*)	20,952	4.7	7.8	60.0	6.9	33.1
1935	656,518	211,896	200,426	183,106	(*)	55,490	12.4	20.6	55.9	5.4	38.7
1936	1,042,321	468,098	347,024	237,230	(*)	113,649	25.3	42.2	52.0	6.6	43.4
1937	1,177,488	476,940	424,172	277,866	(*)	117,307	28.1	43.5	66.5	6.2	37.3
1938	1,173,922	577,820	369,308	226,704	(*)	157,008	35.0	58.3	50.1	4.0	45.0
1939	1,396,827	764,941	396,402	245,484	(*)	203,025	45.3	75.5	58.9	5.6	35.6

<sup>1</sup> Including 1- and 2-family dwellings with stores. <sup>2</sup> Including multifamily dwellings with stores.

<sup>3</sup> Based on enumeration. <sup>4</sup> No estimate made; ratios based on Census of 1930.

Source of tables 895 and 896: Department of Labor, Bureau of Labor Statistics; figures published currently in the Monthly Labor Review.



# NO. 897.—CONSTRUCTION AND OTHER PROJECTS FINANCED FROM FEDERAL FUNDS—VALUE, BY TYPE, 1936 TO 1939, AND BY FUND, 1939

NOTE.—In thousands of dollars. In the case of Federal projects financed from Public Works Administration funds, the entire amount is allotted to Federal departments or other Federal agencies. The work is performed by commercial firms under contracts or, in force-account, by day labor hired directly by the Federal agencies for construction work. In the cases of allotments to States and local governments for non-Federal projects, the Public Works Administration makes a direct grant of not more than 30 percent of the total labor and material cost on projects financed from funds appropriated under the National Industrial Recovery Act, and of not more than 45 percent of the total labor and material cost on projects financed by funds provided under the Emergency Relief Appropriation Acts of 1935, 1936, and 1937, or the Public Works Administration Act of 1938. The State or local government finances the other 70 or 55 percent, in some cases through loans at interest through the Public Works Administration. Commercial allotments are in the form of loans and for the most part have been made to railroads

FEDERAL FUND AND YEAR	All types of projects	Build- ing	Electri- fication	For- estry	Heavy engi- neering	Hydro- electric power plants	Plant, crop, and live- stock conser- vation <sup>1</sup>	Profes- sional, technical, and clerical projects <sup>1</sup>
Total all funds:								
1936	21,612,252	2,497,929	24,685	17,924	40,218	2,980	9,153	25,010
1937	21,255,980	3,344,566	62,342	4,710	35,331	12,054	6,647	5,996
1938	2,079,125	4,876,542	104,081	991	70,337	31,952	9,041	5,285
1939	2,212,137	5,620,882	119,659	13,300	97,287	23,955	8,995	4,510
1939, BY FUNDS								
Federal agency projects financed by The Work Projects Adm. <sup>2</sup>	90,806	28,390	232	13,283	-----	620	8,978	4,485
Regular Federal appropriations	1,256,527	107,218	98,617	12	22	-----	17	-----
Public Works Adm.: Federal	43,163	20,840	2,139	-----	-----	-----	-----	25
Non-Federal:								
N. I. Recovery Act	9,760	241	311	-----	3,971	1,281	-----	-----
E. R. Appropriation Acts of 1935, 1936, and 1937 <sup>3</sup>	33,283	5,366	3,487	-----	3,494	17,554	-----	-----
P. W. A. A. 1938 <sup>7</sup>	597,135	277,449	14,973	-----	89,800	4,470	-----	-----

FEDERAL FUND AND YEAR	PUBLIC ROADS <sup>8</sup>		Rail- road con- struction and repair	Recla- mation	River, har- bor, and flood control	Naval vessels	STREETS AND ROAD PAVING <sup>9</sup>		Water and sewer- age sys- tems	Mjs- cellaneous
	Grade crossing elimi- nation	Roads					Grade crossing elimi- nation	Streets and roads		
Total all funds:										
1936	100,350	360,801	5,040	73,797	115,913	108,314	1,488	39,048	154,796	34,806
1937	25,055	299,845	84	59,051	73,959	181,467	7,362	28,602	75,558	33,351
1938	4,289	311,717	-----	175,382	128,492	291,514	5,108	51,124	116,314	96,056
1939	1,062	263,374	-----	111,173	114,265	380,308	7,704	80,525	116,346	124,792
1939, BY FUNDS										
Federal agency projects financed by The Work Projects Adm. <sup>2</sup>	1,062	1,204	-----	20,552	1,811	-----	-----	2,344	585	7,345
Regular Federal appropriations	-----	230,246	-----	84,559	109,388	380,208	4	7,179	1,531	237,626
Public Works Adm.:										
Federal	-----	824	-----	2,136	2,200	100	-----	935	830	4,134
Non-Federal:										
N. I. Recovery Act	-----	-----	-----	1,380	-----	-----	1,207	849	510	-----
E. R. Appropriation Acts of 1935, 1936, and 1937 <sup>3</sup>	-----	-----	-----	97	-----	-----	8	474	2,773	5
P. W. A. A. 1938 <sup>7</sup>	-----	21,100	-----	2,449	866	-----	6,485	68,744	110,117	682

<sup>1</sup> Figures include data for projects other than construction.

<sup>2</sup> Includes figures for low-cost housing projects (Housing Division, P. W. A.), as follows: Total, \$54,797,000; N. I. R. A. fund, \$762,000; E. R. Appropriation Acts of 1935 and 1936 funds, \$54,035,000.

<sup>3</sup> Includes figures for low-cost housing projects (Housing Division, P. W. A.), as follows: Total, \$17,239,000; N. I. R. A. fund, \$5,690,000; E. R. Appropriation Acts of 1935, 1936, and 1937 funds, \$11,549,000.

<sup>4</sup> Includes \$31,200,000 for low-cost housing projects; of this amount \$30,572,000 is for United States Housing Authority projects and \$637,000 for P. W. A. projects (Housing Division, P. W. A.), made up as follows: N. I. R. A. \$188,000; E. R. A. A. 1935, \$449,000.

<sup>5</sup> Includes \$181,378,000 for housing projects under the U. S. Housing Authority.

<sup>6</sup> Prior to July 1939, administered by Works Program. <sup>7</sup> Program started July 1938.

<sup>8</sup> Reported by Pub. Rds. Adm. <sup>9</sup> Except projects reported by Pub. Rds. Adm., headed "Public roads."

<sup>10</sup> Includes amounts for ship construction and repair of other than naval vessels as follows: For 1937, \$15,805,000; 1938, \$33,194,000; 1939, total, \$192,361,000; Regular Federal Appropriations, \$192,281,000; P. W. A. Federal, \$80,000. Amounts are also included for sewing, canning, and gardening as follows: For 1938, \$99,000; 1939, W. P. A., \$51,000. Amounts are included for airports (exclusive of building and hangars) as follows: 1939, total, \$4,909,000; Regular Federal Appropriation \$326,000; P. W. A., Federal \$1,563,000; W. P. A., \$2,620,000.

Source: Dept. of Labor, Bureau of Labor Statistics; published currently in Monthly Labor Review.

No. 898.—CONSTRUCTION IN THE UNITED STATES—ESTIMATED EXPENDITURES FOR PUBLIC AND PRIVATE CONSTRUCTION: 1916 TO 1939

NOTE.—The estimates represent the value of work performed during the year, as measured by expenditures for labor, material, and other items. They consequently differ from building permit and construction contract data which measure the value of work started. In addition, they have a generally broader coverage than permit and contract data. Figures include value and cost of installation of equipment which is an integral part of a structure, but not that of machinery, shipbuilding, or land costs

YEAR	PRIVATE CONSTRUCTION (VALUE IN MILLIONS OF DOLLARS)									Maintenance	Total
	New										
	Residential building (non-farm)	Non-residential building <sup>1</sup>	Farm construction <sup>2</sup>	Railroad and street railway	Light and power	Telephone and telegraph	Other public utility	Total new construction			
1916	1,110	639	334	300	117	60	78	2,728	1,024	3,752	
1917	940	712	472	515	123	83	59	2,904	1,083	3,987	
1918	720	638	591	472	102	70	47	2,640	1,342	3,982	
1919	1,600	956	680	329	156	73	104	3,898	1,540	5,447	
1920	1,610	1,743	578	266	262	120	111	4,690	1,829	6,519	
1921	1,700	1,329	395	243	163	99	83	4,072	1,605	5,737	
1922	2,833	1,373	359	261	229	115	148	5,318	1,670	6,988	
1923	3,757	1,560	400	435	412	155	154	6,882	1,810	8,692	
1924	4,300	1,528	459	421	463	192	223	7,586	1,908	9,494	
1925	4,584	1,938	471	445	421	206	185	8,250	1,994	10,244	
1926	4,591	2,381	471	542	380	222	223	8,810	2,107	10,917	
1927	4,289	2,414	474	539	383	208	273	8,580	2,175	10,755	
1928	3,961	2,425	464	523	353	242	212	8,180	2,200	10,380	
1929	3,424	2,432	464	592	387	348	236	7,883	2,296	10,179	
1930	2,195	1,867	367	606	409	334	163	5,911	2,140	8,081	
1931	1,396	1,110	259	361	268	164	164	3,712	1,553	5,265	
1932	641	530	125	168	121	80	87	1,707	1,128	2,895	
1933	314	357	175	115	62	45	33	1,091	1,016	2,107	
1934	272	453	200	158	57	48	44	1,232	1,104	2,426	
1935	533	450	284	156	73	53	56	1,605	1,413	3,018	
1936	1,101	658	328	194	108	67	95	2,551	1,742	4,293	
1937	1,530	933	360	238	162	105	125	3,443	1,854	5,297	
1938	1,515	712	345	160	182	92	60	3,072	1,763	4,835	
1939	1,860	760	340	191	160	95	85	3,401	1,820	5,311	

  

YEAR	PUBLIC CONSTRUCTION (VALUE IN MILLIONS OF DOLLARS)								Grand total, public and private (millions of dollars) <sup>5</sup>	
	New						Work-relief construction <sup>4</sup>	Maintenance		Total
	Highway	Sewers and water supply	Residential and nonresidential building	Military and naval	All other <sup>3</sup>	Total new construction				
1916	308	95	207	21	72	703	—	269	972	4,724
1917	313	91	192	—	69	1,273	—	290	1,563	5,550
1918	288	94	227	1,555	67	2,231	—	310	2,541	6,281
1919	415	124	260	1,080	75	1,963	—	375	2,338	7,785
1920	640	153	283	101	67	1,334	—	469	1,803	8,322
1921	840	178	387	49	66	1,550	—	528	2,078	7,815
1922	851	201	481	25	99	1,657	—	548	2,205	9,193
1923	783	203	481	10	115	1,598	—	565	2,163	10,855
1924	951	263	464	9	145	1,862	—	632	2,495	11,989
1925	1,056	278	373	8	175	2,108	—	655	2,763	13,007
1926	1,039	285	603	11	175	2,113	—	692	2,805	13,722
1927	1,270	312	506	12	268	2,508	—	766	3,126	13,581
1928	1,270	310	638	15	239	2,462	—	796	3,258	13,938
1929	1,248	253	642	10	240	2,411	—	816	3,227	13,400
1930	1,481	343	647	20	277	2,777	—	871	3,648	11,729
1931	1,323	270	591	40	353	2,677	—	776	3,353	8,618
1932	616	156	408	34	280	1,764	—	624	2,418	5,313
1933	375	81	191	36	233	1,216	114	527	1,857	3,061
1934	621	116	151	47	204	1,450	578	509	2,036	5,062
1935	622	137	248	37	384	1,428	406	640	2,474	5,492
1936	876	208	582	26	459	2,154	1,130	710	3,904	8,287
1937	850	174	533	37	433	2,027	775	725	3,527	8,324
1938	900	179	553	32	422	2,117	1,202	739	4,058	8,893
1939	950	255	793	125	475	2,568	1,032	747	4,377	9,688

<sup>1</sup> Excludes nonresidential building by utilities.

<sup>2</sup> Includes expenditures for residential and nonresidential construction and repairs. Excludes labor performed by farm operators (owners or tenants) and regularly employed farm laborers.

<sup>3</sup> Largely expenditures for rivers and harbors, flood control and reclamation work and public service enterprises.

<sup>4</sup> In addition to the work-relief expenditures shown in this column, a small amount of work-relief is included in new construction.

<sup>5</sup> Includes new construction, maintenance, and work-relief construction.

Source: Dept. of Commerce, Bureau of Foreign and Domestic Commerce; Construction Activity in the U. S., 1915-37; also published in certain issues of the Survey of Current Business; later revisions from official records.

## No. 899.—CONSTRUCTION INDUSTRY—SUMMARY, BY CLASS OF CONTRACTOR: 1935

NOTE.—The 1935 Census covered reporting contracting establishments that did work valued at \$500 or more. Figures do not cover all construction work done in the United States, as some contractors failed to make returns. No data for force-account construction (no contracts let) are included. In reporting work done, each contractor accounted for only the work performed by his own organization, excluding value of work sublet to other contractors.

[Value of work performed and pay roll in thousands of dollars]

KIND OF BUSINESS GROUP	ALL REPORTING ESTABLISHMENTS, TOTAL		ESTABLISHMENTS REPORTING WORK PERFORMED, PERSONNEL, AND PAY ROLL					ESTABLISHMENTS REPORTING WORK PERFORMED ONLY	
	Number of establishments	Value of work performed	Number of establishments	Value of work performed	Active proprietors and firm members	Employees (average for year)	Pay roll <sup>1</sup>	Number of establishments	Value of work performed
United States.....	75,047	1,622,862	69,838	1,457,710	69,193	409,137	470,275	5,209	165,152
General contractors.....	11,491	944,276	9,858	834,591	8,286	258,344	277,912	1,808	109,898
Building <sup>2</sup> .....	8,337	398,980	7,241	355,512	6,433	105,366	120,316	1,096	42,468
Highway.....	2,116	280,332	1,723	240,949	1,298	87,242	76,403	393	39,353
Heavy construction.....	1,038	264,967	919	236,030	555	64,736	81,193	119	28,037
Special trade contractors.....	63,556	678,583	59,955	623,319	60,907	150,793	192,363	3,401	55,284
Carpentering.....	7,853	31,993	7,033	30,123	8,078	6,974	6,894	220	1,870
Concreting.....	1,981	11,311	1,940	10,884	971	3,736	3,807	35	427
Electrical.....	8,473	104,774	7,457	93,229	7,300	21,014	30,993	1,016	11,545
Elevator installation.....	404	23,538	351	21,304	138	4,182	7,919	53	2,144
Excavating and/or foundation.....	375	13,646	364	11,913	339	4,005	4,417	11	1,733
Glass and glazing.....	141	2,432	140	2,425	115	509	806	1	7
Heating and plumbing group.....	23,856	284,079	22,947	269,031	23,238	58,249	72,362	909	15,048
Heating and piping.....	1,809	53,625	1,607	52,423	1,262	10,181	15,351	202	6,202
Heating and piping with sheet metal.....	1,790	27,144	1,733	26,284	1,801	6,513	8,030	57	800
Heating, piping, plumbing.....	8,441	111,803	8,181	107,413	8,239	23,228	28,288	260	4,390
Heating, piping, plumbing with sheet metal.....	1,339	24,200	1,329	24,020	1,373	5,754	7,027	10	180
Plumbing.....	9,984	60,017	9,612	56,162	9,968	11,960	13,042	372	3,855
Plumbing with sheet metal.....	493	2,390	485	2,729	535	613	618	8	161
Roofing and sheet metal group.....	5,927	70,860	5,591	63,385	5,700	16,094	18,479	339	7,475
Roofing.....	1,931	30,960	1,813	28,311	1,729	7,301	8,329	118	2,649
Sheet metal.....	2,626	16,410	2,379	13,612	2,572	3,196	3,483	150	2,798
Roofing and sheet metal.....	1,470	23,490	1,402	21,462	1,402	5,597	6,667	68	2,028
Masonry.....	1,288	13,653	1,031	10,722	1,098	3,167	3,856	257	2,931
Ornamental iron.....	158	1,517	152	1,385	138	320	403	6	132
Painting, paperhanging, and decorating.....	11,078	56,406	10,633	52,456	11,441	16,229	20,409	445	3,950
Plastering.....	899	10,110	888	9,878	906	3,278	4,368	11	232
Steel erection.....	118	7,582	105	6,384	67	1,498	2,389	13	1,198
Stone setting.....	76	1,567	63	1,109	54	338	535	13	468
Tile and mantel.....	891	16,713	727	14,136	620	3,908	4,847	164	2,577
Wrecking and demolition.....	129	2,652	128	2,644	119	1,025	1,060	1	8
Other.....	909	25,150	799	22,221	555	6,267	8,669	10	2,929

<sup>1</sup> Does not include compensation for proprietors and firm members of unincorporated businesses.

<sup>2</sup> Includes operative buildings.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. I.

## No. 900.—CONSTRUCTION INDUSTRY—SUMMARY, BY STATES: 1935

NOTE.—Value of work performed and pay roll in thousands of dollars. The figures for each State cover the activities, including work done in other States, of contracting establishments located in the given State. See also headnote, table 899

DIVISION AND STATE	ALL REPORTING ESTABLISHMENTS, TOTAL		ESTABLISHMENTS REPORTING WORK PERFORMED, PERSONNEL, AND PAY ROLL				ESTABLISHMENTS REPORTING WORK PERFORMED ONLY		
	Number of establishments	Value of work performed	Number of establishments	Value of work performed	Active proprietors and firm members	Employees (average for year)	Pay roll <sup>1</sup>	Number of establishments	Value of work performed
United States.....	75,047	1,622,862	69,838	1,457,710	89,193	409,137	470,275	5,209	165,152
New England.....	6,889	115,001	6,439	105,275	6,200	28,991	36,020	450	10,628
Maine.....	6,068	6,424	638	6,029	630	1,898	2,014	30	305
New Hampshire.....	443	5,691	428	5,439	402	1,450	1,672	15	252
Vermont.....	314	2,294	295	1,874	323	898	591	19	420
Massachusetts.....	3,393	60,774	3,161	54,122	2,991	13,904	18,445	232	6,652
Rhode Island.....	389	8,473	347	7,821	314	2,299	2,835	42	662
Connecticut.....	1,682	32,245	1,570	20,990	1,480	8,833	10,493	112	2,255
Middle Atlantic.....	21,418	416,302	20,198	379,316	19,145	91,801	126,780	1,230	36,987
New York.....	10,900	200,088	10,300	241,074	9,214	55,957	83,193	681	25,014
New Jersey.....	4,131	51,680	3,944	48,133	3,767	11,712	15,314	187	3,547
Pennsylvania.....	6,297	93,534	5,935	90,108	6,164	23,932	28,278	362	8,426
East North Central.....	15,809	339,774	14,565	299,087	14,406	81,417	100,595	1,244	40,707
Ohio.....	4,282	77,879	3,949	68,736	3,895	17,662	22,276	333	9,144
Indiana.....	2,320	31,773	2,197	27,800	2,201	7,612	7,949	123	3,013
Illinois.....	3,883	130,470	3,567	115,174	3,395	31,507	41,341	326	15,296
Michigan.....	2,294	58,926	2,105	52,331	2,115	14,436	18,584	189	6,595
Wisconsin.....	3,030	40,726	2,767	34,067	2,709	10,200	10,445	273	5,759
West North Central.....	8,940	182,384	8,299	165,072	8,633	52,070	49,384	642	17,292
Minnesota.....	2,083	47,660	1,951	45,119	2,101	16,372	13,719	132	2,541
Iowa.....	1,016	23,993	1,701	24,219	1,817	6,616	6,455	215	4,774
Missouri.....	2,412	66,509	2,297	61,362	2,184	18,239	19,601	145	5,117
North Dakota.....	2,332	3,585	215	3,217	235	1,082	873	17	308
South Dakota.....	271	4,644	261	4,368	270	1,210	1,115	10	286
Nebraska.....	972	18,659	912	16,390	960	5,303	4,915	60	2,273
Kansas.....	1,054	12,314	991	10,381	1,066	3,248	2,706	63	1,933
South Atlantic.....	6,759	177,455	6,378	159,527	6,198	50,591	50,033	383	17,928
Delaware.....	229	4,597	222	4,548	201	1,455	1,640	7	440
Maryland.....	1,166	22,680	1,080	19,831	1,075	5,776	6,137	80	2,849
Dist. of Columbia.....	414	28,127	376	25,787	271	6,459	8,034	38	2,340
Virginia.....	1,234	22,883	1,133	20,967	1,223	6,125	6,225	51	1,903
West Virginia.....	640	9,688	618	8,575	647	3,437	2,858	31	1,013
North Carolina.....	840	25,319	801	20,840	818	7,030	6,189	48	4,470
South Carolina.....	379	10,534	304	10,124	353	3,736	3,205	15	410
Georgia.....	896	24,774	858	21,960	828	7,081	6,578	38	2,814
Florida.....	943	28,953	874	26,905	782	8,886	8,517	69	2,048
East South Central.....	3,088	58,843	2,937	47,821	3,107	17,065	13,715	131	6,292
Kentucky.....	1,427	16,053	1,392	15,301	1,480	5,397	4,443	35	1,562
Tennessee.....	829	22,005	794	21,149	831	7,969	6,039	35	856
Alabama.....	448	12,049	398	8,438	415	3,217	2,503	50	8,613
Mississippi.....	304	2,836	353	2,645	381	1,112	730	11	191
West South Central.....	3,275	83,843	3,050	76,578	3,105	27,440	22,287	225	7,267
Arkansas.....	326	5,059	308	4,760	330	2,301	1,292	18	309
Louisiana.....	537	17,086	503	15,090	478	4,724	4,320	34	1,390
Oklahoma.....	608	14,489	567	12,496	575	3,084	3,292	41	1,993
Texas.....	1,804	47,209	1,672	43,034	1,722	16,731	13,413	132	3,575
Mountain.....	2,243	54,971	2,062	45,101	2,192	13,846	14,552	191	9,870
Montana.....	287	7,057	240	6,578	260	2,001	2,006	38	1,079
Idaho.....	296	8,891	271	8,208	308	2,815	3,072	25	883
Wyoming.....	287	3,180	282	3,083	305	873	873	5	97
Colorado.....	564	13,713	503	9,382	512	2,765	3,059	61	4,931
New Mexico.....	114	3,660	97	3,050	110	717	778	17	610
Arizona.....	204	5,373	188	4,327	197	1,443	1,502	16	1,046
Utah.....	430	10,391	408	8,425	447	2,034	2,484	22	1,900
Nevada.....	61	2,106	54	2,048	58	600	758	7	58
Pacific.....	6,646	198,409	5,933	180,166	6,208	45,516	56,979	715	18,253
Washington.....	1,000	35,879	938	33,302	933	7,608	10,241	122	2,577
Oregon.....	654	24,239	595	20,404	626	5,542	6,852	59	3,835
California.....	4,932	138,291	4,400	126,450	4,649	32,360	39,886	532	11,841

<sup>1</sup> Does not include compensation for proprietors and firm members of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. I.

No. 901.—CONSTRUCTION INDUSTRY—SUMMARY FOR 46,429 ESTABLISHMENTS, BY CLASS OF CONTRACTOR, AND BY STATES: 1935

NOTE.—This table covers only establishments that furnished detailed reports. See also headnote, table 800

KIND OF BUSINESS GROUP, DIVISION, AND STATE	Number of establishments	WORK PERFORMED					Active proprietors and firm members	Employees, average for year	Pay roll (1,000 dollars) †	Cost of material installed (1,000 dollars)	PERCENT OF TOTAL WORK PERFORMED	
		Value (1,000 dollars)	Percent performed—			Pay-roll					Material	
			In home city	In home State	Outside home State							
<b>United States.....</b>	<b>46,429</b>	<b>1,330,835</b>	<b>57.5</b>	<b>27.4</b>	<b>15.1</b>	<b>44,531</b>	<b>378,067</b>	<b>436,802</b>	<b>559,441</b>	<b>32.8</b>	<b>42.0</b>	
<b>General contractors.....</b>	<b>9,753</b>	<b>329,058</b>	<b>44.7</b>	<b>34.3</b>	<b>21.0</b>	<b>5,171</b>	<b>256,971</b>	<b>275,928</b>	<b>345,603</b>	<b>33.3</b>	<b>41.7</b>	
Building <sup>3</sup> .....	7,139	352,329	66.1	21.4	12.5	0,337	118,618	102,641	102,641	31.7	46.2	
Highway.....	1,711	240,458	21.9	58.8	19.3	1,290	87,066	76,250	97,587	33.7	40.6	
Heavy construction.....	903	230,271	36.1	28.5	35.4	544	64,603	81,060	85,375	34.3	36.1	
<b>Special trade contractors.....</b>	<b>36,676</b>	<b>501,777</b>	<b>78.5</b>	<b>16.1</b>	<b>5.4</b>	<b>36,360</b>	<b>122,096</b>	<b>180,874</b>	<b>213,838</b>	<b>32.1</b>	<b>42.6</b>	
<b>New England.....</b>	<b>4,350</b>	<b>92,104</b>	<b>63.0</b>	<b>23.9</b>	<b>8.1</b>	<b>4,044</b>	<b>25,855</b>	<b>32,319</b>	<b>38,324</b>	<b>35.1</b>	<b>41.6</b>	
Maine.....	536	5,553	75.7	22.0	2.3	526	1,753	1,897	2,274	34.2	41.3	
New Hampshire.....	218	4,237	54.3	38.9	0.8	229	1,215	1,415	1,902	33.4	46.0	
Vermont.....	141	1,327	74.9	21.9	3.2	153	447	436	546	32.9	41.1	
Massachusetts.....	2,284	48,279	67.1	27.1	5.8	2,093	12,516	16,731	20,309	34.7	42.1	
Rhode Island.....	190	6,333	50.6	38.8	10.6	162	1,307	2,294	2,704	35.9	43.7	
Connecticut.....	981	28,320	55.8	30.1	13.1	873	8,025	9,546	10,439	36.3	39.7	
<b>Middle Atlantic.....</b>	<b>13,053</b>	<b>336,697</b>	<b>66.4</b>	<b>21.4</b>	<b>12.2</b>	<b>11,784</b>	<b>82,455</b>	<b>115,637</b>	<b>140,299</b>	<b>34.3</b>	<b>41.7</b>	
New York.....	6,462	215,569	68.6	18.9	12.5	5,291	50,768	76,391	88,840	35.4	41.2	
New Jersey.....	2,712	43,300	58.4	33.9	7.7	2,524	10,760	14,224	18,209	32.8	42.0	
Pennsylvania.....	3,879	77,819	64.9	21.0	14.1	3,969	20,921	25,022	33,250	32.2	42.6	
<b>East North Central.....</b>	<b>9,843</b>	<b>274,832</b>	<b>57.9</b>	<b>25.7</b>	<b>16.4</b>	<b>9,351</b>	<b>75,352</b>	<b>93,820</b>	<b>112,300</b>	<b>34.1</b>	<b>40.9</b>	
Ohio.....	2,640	62,137	58.2	24.2	17.6	2,492	10,167	20,475	24,563	33.0	39.5	
Indiana.....	1,402	24,966	56.3	29.6	13.6	1,439	6,901	7,252	11,077	29.0	46.8	
Illinois.....	2,391	107,957	55.5	23.9	20.6	2,170	29,590	39,102	43,315	36.2	40.1	
Michigan.....	1,255	47,038	57.0	30.2	11.9	1,175	13,225	17,251	18,962	36.2	39.8	
Wisconsin.....	2,146	32,134	66.7	24.5	8.8	2,075	9,409	9,740	13,783	30.3	42.9	
<b>West North Central.....</b>	<b>5,157</b>	<b>152,660</b>	<b>40.6</b>	<b>27.7</b>	<b>31.7</b>	<b>5,280</b>	<b>49,187</b>	<b>46,253</b>	<b>63,865</b>	<b>30.3</b>	<b>41.8</b>	
Minnesota.....	1,492	41,938	43.5	27.1	29.4	1,597	15,558	12,668	16,376	30.2	39.0	
Iowa.....	881	21,752	38.9	32.9	28.2	932	6,058	5,977	10,049	27.5	46.2	
Missouri.....	1,530	58,365	40.4	18.8	40.8	1,419	17,430	13,730	24,194	32.1	41.5	
North Dakota.....	104	2,617	43.5	43.7	12.8	118	946	739	1,084	28.2	41.4	
South Dakota.....	157	3,276	40.8	43.2	16.0	159	1,117	1,019	1,709	26.3	44.1	
Nebraska.....	495	15,056	30.8	39.7	29.5	518	4,981	4,612	6,401	30.6	42.9	
Kansas.....	498	9,050	48.6	44.3	7.1	537	2,977	2,499	3,992	27.6	44.1	
<b>South Atlantic.....</b>	<b>4,154</b>	<b>147,658</b>	<b>59.5</b>	<b>25.5</b>	<b>15.0</b>	<b>3,845</b>	<b>47,199</b>	<b>46,909</b>	<b>67,556</b>	<b>31.8</b>	<b>45.8</b>	
Delaware.....	150	4,238	68.3	28.0	3.2	123	1,305	1,598	1,716	36.9	39.6	
Maryland.....	710	17,703	59.0	26.0	16.0	680	5,227	5,594	8,135	31.3	46.0	
Dist. of Columbia.....	305	24,740	83.6	—	11.5	202	6,197	8,339	11,151	33.7	45.1	
Virginia.....	673	18,114	57.4	30.9	11.7	663	5,370	5,539	6,983	30.6	49.6	
West Virginia.....	338	7,525	36.2	46.8	17.0	355	3,169	2,007	2,757	34.6	39.6	
North Carolina.....	409	18,024	61.0	29.3	9.7	493	6,446	5,707	9,255	30.2	48.9	
South Carolina.....	276	9,774	42.6	31.3	20.1	258	3,593	3,101	4,733	31.7	43.4	
Georgia.....	533	20,711	40.6	31.6	27.8	492	7,278	6,244	8,954	30.1	43.2	
Florida.....	670	25,761	59.2	29.3	11.5	579	8,518	8,180	11,872	31.8	46.1	
<b>East South Central.....</b>	<b>2,045</b>	<b>44,367</b>	<b>53.7</b>	<b>23.8</b>	<b>17.5</b>	<b>2,138</b>	<b>16,612</b>	<b>12,886</b>	<b>20,058</b>	<b>29.0</b>	<b>45.2</b>	
Kentucky.....	934	13,903	57.8	30.0	12.2	992	4,921	4,052	5,069	29.1	40.3	
Tennessee.....	582	20,187	49.5	27.9	22.8	591	7,642	5,796	9,568	28.7	47.4	
Alabama.....	267	7,830	58.1	23.3	18.6	272	3,006	2,350	3,747	30.0	47.9	
Mississippi.....	262	2,447	51.6	46.4	2.0	283	1,043	688	1,133	28.1	46.3	
<b>West South Central.....</b>	<b>1,953</b>	<b>71,479</b>	<b>40.9</b>	<b>46.4</b>	<b>12.7</b>	<b>1,935</b>	<b>25,998</b>	<b>20,987</b>	<b>29,774</b>	<b>29.4</b>	<b>41.7</b>	
Arkansas.....	214	4,417	30.8	57.3	2.9	230	2,203	1,210	1,985	27.6	44.9	
Louisiana.....	254	14,315	44.7	33.9	21.4	215	4,290	3,955	6,071	27.0	42.4	
Oklahoma.....	351	11,476	27.5	62.7	9.8	343	3,432	2,990	4,642	26.1	40.4	
Texas.....	1,134	41,271	43.3	45.1	11.6	1,147	16,073	12,823	17,076	31.1	41.4	
<b>Mountain.....</b>	<b>1,473</b>	<b>41,687</b>	<b>36.5</b>	<b>42.1</b>	<b>21.4</b>	<b>1,591</b>	<b>13,117</b>	<b>13,702</b>	<b>15,655</b>	<b>32.9</b>	<b>37.6</b>	
Montana.....	160	5,951	41.0	56.4	2.6	169	1,871	1,853	2,292	31.1	38.5	
Idaho.....	163	7,742	15.3	25.1	59.0	101	2,709	2,946	2,188	31.1	28.3	
Wyoming.....	236	2,337	43.0	38.6	18.4	253	820	809	1,145	28.5	40.4	
Colorado.....	367	8,704	43.3	42.9	13.8	371	2,615	2,894	3,058	32.2	35.1	
New Mexico.....	67	2,857	27.7	60.0	12.3	81	878	729	1,279	25.5	44.8	
Arizona.....	121	3,560	41.3	58.4	3	127	1,287	1,321	1,615	37.1	45.4	
Utah.....	322	8,115	45.7	28.9	25.4	358	2,554	2,422	3,469	29.8	42.7	
Nevada.....	42	1,901	31.9	67.3	8	41	583	728	609	38.3	32.0	
<b>Pacific.....</b>	<b>4,396</b>	<b>189,443</b>	<b>62.5</b>	<b>30.9</b>	<b>6.8</b>	<b>4,563</b>	<b>43,314</b>	<b>54,289</b>	<b>71,612</b>	<b>32.0</b>	<b>42.3</b>	
Washington.....	631	31,781	68.3	22.9	8.8	611	7,234	9,867	14,207	31.0	44.7	
Oregon.....	446	19,518	53.1	28.5	18.4	471	5,369	6,036	7,307	34.0	37.4	
California.....	3,319	118,144	62.6	33.4	4.0	3,481	30,711	37,786	50,098	32.0	42.4	

<sup>1</sup> Outside home city.      <sup>2</sup> See note 1, table 900.      <sup>3</sup> Includes operative builders.  
 Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. I.

**No. 902.—CONSTRUCTION INDUSTRY—VALUE OF WORK DONE, BY CLASS OF CONSTRUCTION, AND BY CLASS OF CONTRACTOR: 1935**

NOTE.—All figures in thousands of dollars. Data relate to establishments included in table 901

KIND OF BUSINESS GROUP	Total	NEW		REPAIRS		Total	NEW		REPAIRS	
		Private	Public	Private	Public		Private	Public	Private	Public
	All construction					Building, total				
United States.....	1,330,836	405,473	555,548	327,776	42,039	912,064	330,483	143,359	312,470	19,772
General contractors.....	829,058	223,606	490,289	85,061	20,502	339,058	106,313	91,668	73,475	8,202
Building.....	352,329	167,365	104,206	73,100	7,053	332,856	163,317	89,694	72,396	7,449
Highway and heavy.....	476,729	56,241	386,083	12,561	21,844	6,802	2,996	1,974	1,079	753
Special trade contractors.....	501,777	181,867	65,259	242,114	12,537	472,406	170,150	51,691	238,995	11,570
	Residential building					Other building				
United States.....	386,327	151,850	9,817	220,964	3,696	425,737	184,613	133,542	91,506	16,076
General contractors.....	111,621	66,633	4,840	38,920	1,213	228,037	99,680	86,819	34,540	6,989
Building.....	110,350	66,020	4,653	38,543	1,134	222,506	97,297	85,041	33,853	6,316
Highway and heavy.....	1,271	613	196	383	79	5,531	2,383	1,778	696	674
Special trade contractors.....	274,706	85,217	4,968	182,038	2,483	197,700	84,933	48,723	56,957	9,087
	Highway					Heavy				
United States.....	245,252	13,649	216,640	2,239	12,724	273,519	56,361	195,549	13,066	9,543
General contractors.....	241,707	12,747	214,740	1,880	12,340	247,093	44,546	183,881	10,306	8,900
Building.....	4,317	618	3,632	72	95	15,150	3,430	10,980	632	114
Highway and heavy.....	237,390	12,129	211,208	1,808	12,245	232,537	41,116	172,901	9,674	8,786
Special trade contractors.....	3,545	902	1,900	359	384	25,826	10,815	11,668	2,700	583

1 Includes operative builders.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. I.

**No. 903.—CONSTRUCTION INDUSTRY—SUMMARY, BY STATES: 1929 AND 1935**

NOTE.—See headnote, table 899. Census statistics for 1929 and 1935 for all reporting construction establishments are not comparable

**ESTABLISHMENTS REPORTING BUSINESS OF \$25,000 OR MORE IN 1929**

KIND OF BUSINESS GROUP, DIVISION, AND STATE	Number of establishments	Value of work performed in 1929 (1,000 dolls.)	DIVISION AND STATE	Number of establishments	Value of work performed in 1929 (1,000 dolls.)	DIVISION AND STATE	Number of establishments	Value of work performed in 1929 (1,000 dolls.)
General contractors.....	15,516	2,976,873	W. N. Central Minnesota.....	2,490	367,544	Alabama.....	197	38,841
Special trade contractors.....	15,081	1,817,900	Iowa.....	486	68,660	Mississippi.....	95	10,873
New England.....	2,780	370,192	Missouri.....	759	120,296	W. S. Central.....	1,809	268,360
Maine.....	142	11,593	N. Dakota.....	81	7,428	Arkansas.....	118	14,557
N. Hampshire.....	113	9,135	S. Dakota.....	70	7,591	Louisiana.....	178	28,599
Vermont.....	61	5,612	Nebraska.....	243	40,314	Oklahoma.....	312	49,212
Massachusetts.....	1,434	220,778	Kansas.....	290	35,144	Texas.....	1,001	164,482
Rhode Island.....	226	25,290	South Atlantic.....	2,184	338,238	Mountain.....	709	74,203
Connecticut.....	304	88,784	Delaware.....	91	14,789	Montana.....	119	10,208
Middle Atlantic.....	3,646	1,008,973	Maryland.....	407	82,080	Idaho.....	44	6,208
New York.....	4,372	938,100	Dist. of Col. ....	253	39,846	Wyoming.....	40	2,705
New Jersey.....	1,483	235,061	Virginia.....	337	41,682	Colorado.....	211	23,040
Pennsylvania.....	2,091	435,812	W. Virginia.....	169	20,053	New Mexico.....	41	5,744
E. N. Central.....	7,934	1,224,664	N. Carolina.....	293	47,800	Arizona.....	105	10,323
Ohio.....	2,043	310,519	S. Carolina.....	116	14,333	Utah.....	129	12,899
Indiana.....	746	89,760	Georgia.....	230	46,490	Nevada.....	20	2,966
Illinois.....	2,497	454,524	Florida.....	288	30,715	Pacific.....	3,409	417,009
Michigan.....	1,801	262,993	E. S. Central.....	936	137,100	Washington.....	404	55,203
			Kentucky.....	330	34,321	Oregon.....	249	26,315
						California.....	2,756	335,431

No. 903.—CONSTRUCTION INDUSTRY—SUMMARY, BY STATES: 1929 AND 1935—Continued

ESTABLISHMENTS REPORTING BUSINESS OF \$25,000 OR MORE IN 1929 AND REPORTING FOR BOTH 1929 AND 1935

KIND OF BUSINESS GROUP, DIVISION, AND STATE	Number of establishments	WORK PERFORMED		ACTIVE PROPRIETORS AND FIRM MEMBERS		EMPLOYEES, AVERAGE FOR YEAR		PAY ROLL <sup>2</sup> (1,000 DOLLARS)		COST OF MATERIAL INSTALLED (1,000 DOLLARS)		
		1929		1929	1935	1929	1935	1929	1935	1929	1935	
		Value (1,000 dollars)	Percent of total for 1929 <sup>1</sup>									1929
United States.....	8,899	1,877,437	39.2	742,455	7,698	6,434	375,153	219,018	722,507	258,519	780,998	314,387
General contractors.....	3,683	1,185,041	39.8	515,128	3,124	2,540	259,958	162,120	468,954	170,278	455,903	212,150
Special trade contractors.....	5,240	691,796	38.1	227,327	4,574	3,885	115,195	50,898	253,613	82,241	325,095	102,228
New England.....	870	141,758	38.3	62,370	725	591	31,870	15,359	62,111	20,090	55,121	21,616
Maine.....	63	4,920	42.5	1,975	59	51	1,355	705	2,216	841	1,849	749
N. Hampshire.....	33	3,863	42.3	1,990	32	33	1,015	672	1,013	745	1,715	963
Vermont.....	16	1,291	23.0	429	19	19	330	144	461	145	681	194
Massachusetts.....	450	78,073	34.0	26,690	366	294	10,635	7,015	34,128	10,000	31,168	11,297
Rhode Island.....	63	9,601	98.0	4,302	42	35	2,261	1,837	4,277	1,662	3,682	1,076
Connecticut.....	245	44,001	49.6	16,945	1,207	159	10,215	5,486	10,417	6,707	16,226	6,437
Middle Atlantic.....	2,358	598,202	33.6	169,022	1,778	1,478	101,918	43,619	227,723	63,782	204,411	70,742
New York.....	1,252	354,173	37.3	110,123	746	598	63,778	26,949	153,296	41,646	125,151	45,534
New Jersey.....	368	62,455	28.6	20,092	247	214	10,821	5,455	24,385	7,550	27,257	8,430
Pennsylvania.....	748	125,544	38.8	38,807	780	660	27,319	11,115	50,042	13,790	52,003	10,778
E. N. Central.....	2,166	455,646	38.0	165,281	1,793	1,466	85,248	46,109	179,333	58,794	200,000	67,845
Ohio.....	546	114,774	37.0	37,821	396	304	22,011	9,745	41,908	12,903	52,654	14,522
Indiana.....	233	30,236	33.2	15,682	223	170	8,058	4,583	13,902	4,921	19,912	7,517
Illinois.....	680	172,815	38.0	61,277	573	460	29,817	16,747	70,616	22,224	65,407	25,262
Michigan.....	312	38,007	34.8	13,863	266	227	15,283	9,219	34,420	12,393	38,770	12,249
Wisconsin.....	304	51,014	42.6	18,585	325	262	9,979	5,808	18,328	6,353	23,517	8,297
W. N. Central.....	942	169,177	40.0	60,091	868	741	36,811	29,840	60,477	27,808	72,517	36,296
Minnesota.....	235	50,633	57.5	26,368	226	199	11,440	10,319	18,805	8,194	18,643	10,188
Iowa.....	170	29,280	42.7	14,625	187	148	5,521	4,069	9,023	4,163	14,839	7,050
Missouri.....	321	64,871	45.6	32,929	221	190	11,075	9,483	21,784	10,587	22,763	13,872
North Dakota.....	20	4,704	49.9	1,348	32	32	771	516	1,121	406	1,897	573
South Dakota.....	16	2,632	34.7	1,593	12	8	630	410	783	388	1,069	715
Nebraska.....	98	17,179	42.6	9,192	100	90	3,980	3,148	5,323	2,833	8,275	4,102
Kansas.....	75	10,589	30.4	4,036	90	74	2,494	1,389	3,638	1,247	5,031	1,786
South Atlantic.....	773	184,492	39.8	73,707	708	544	35,583	25,176	48,840	24,460	60,141	34,181
Delaware.....	15	6,371	43.1	2,720	41	31	1,366	910	2,312	1,075	2,864	1,052
Maryland.....	108	24,608	30.0	9,101	90	68	5,741	3,003	9,191	3,355	10,071	4,188
Dist. of Col.....	87	16,445	41.3	10,823	65	46	4,081	3,111	6,789	4,102	9,065	4,808
Virginia.....	142	20,267	48.6	9,259	108	118	4,005	2,794	7,786	3,052	9,049	4,535
West Virginia.....	62	7,809	38.9	4,689	71	63	2,109	1,982	3,074	1,602	2,694	1,748
N. Carolina.....	91	12,478	29.1	10,378	88	69	3,487	3,832	4,311	3,272	5,363	5,330
S. Carolina.....	55	10,709	72.2	5,342	47	39	3,293	1,872	3,319	1,597	6,311	2,663
Georgia.....	89	23,424	50.4	10,741	82	67	7,559	3,698	7,582	2,940	11,778	4,641
Florida.....	92	12,381	40.3	22,555	318	284	3,072	3,974	4,476	3,455	5,046	5,241
E. S. Central.....	308	48,292	38.9	6,776	115	106	3,154	2,638	4,823	2,135	5,200	3,219
Kentucky.....	110	13,334	33.8	6,776	120	108	5,550	4,052	7,201	3,387	10,813	5,557
Tennessee.....	127	23,434	44.2	11,937	49	43	1,848	1,614	2,403	1,092	3,136	1,618
Alabama.....	50	7,034	18.1	3,457	28	27	658	367	790	200	1,129	349
Mississippi.....	21	2,480	22.8	3,725	28	30	18,600	12,203	26,074	9,805	83,849	15,073
Arkansas.....	28	3,208	22.0	1,645	20	30	680	649	793	495	1,789	780
Louisiana.....	63	12,878	45.0	5,957	42	33	2,888	1,711	3,808	1,754	5,364	2,825
Oklahoma.....	67	12,699	25.7	6,363	49	34	3,207	1,617	4,248	1,472	5,713	2,626
Texas.....	221	45,600	27.7	19,500	220	192	11,825	8,226	16,165	6,084	20,983	8,850
Mountain.....	294	29,110	39.2	23,192	245	207	5,896	8,058	9,884	8,402	10,213	8,837
Montana.....	40	4,677	45.8	2,410	46	40	825	891	1,393	817	2,080	1,071
Idaho.....	14	3,309	52.8	6,326	17	17	830	2,333	1,194	2,613	487	1,094
Wyoming.....	18	1,385	50.1	1,206	23	18	271	423	548	379	511	612
Colorado.....	63	6,890	29.9	6,028	58	52	1,521	1,895	2,522	2,124	2,713	2,098
New Mexico.....	10	2,635	45.9	5,833	11	8	463	153	702	171	917	243
Arizona.....	19	1,751	17.0	936	21	18	411	204	558	302	903	479
Utah.....	55	6,409	50.2	4,929	62	52	2,208	1,819	2,348	1,631	2,235	2,015
Nevada.....	5	1,994	67.5	924	7	2	871	280	574	365	367	325
Pacific.....	858	154,016	36.8	72,227	913	773	30,013	20,430	63,663	24,642	66,180	30,673
Washington.....	129	22,678	41.0	10,070	119	93	4,503	3,028	8,646	3,647	9,776	4,450
Oregon.....	61	10,305	39.2	7,321	57	57	2,411	2,307	3,708	2,301	4,188	2,908
California.....	668	121,033	36.1	53,936	737	626	23,099	15,096	41,239	18,684	52,216	23,315
Consolidated reports <sup>3</sup> .....	33	124,229	40,505	10	10	18,104	9,700	40,206	14,922	58,270	16,691	

<sup>1</sup> For 1929 total, see first section of this table, p. 905. <sup>2</sup> See note 1, table 900.

<sup>3</sup> Figures are from single reports for organizations with establishments in 2 or more States.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. III.

## No. 904.—RESIDENTIAL STRUCTURES—SUMMARY FOR 64 CITIES: 1934

NOTE.—The cities included in the real-property inventory were selected from every State in the Union as a representative sample of urban housing in the United States. The cities chosen vary in size from a population of 11,000 to more than 1,000,000. The total population of the areas canvassed constituted about one-seventh of the total urban population of the United States. The survey covered all buildings with residential units except hotels, clubs, rooming houses, and summer cottages. Data for the individual cities included in this summary are shown in table 815 of the 1935 issue of the Statistical Abstract

ITEM	Number	Per cent	ITEM	Number	Per cent	ITEM	Number	Per cent
Persons inventoried	9, 074, 793	100. 0	Dwelling units by type	2, 633, 135	100. 0	Owner-occupied	1, 085, 927	89. 3
Families	2, 612, 107	100. 0	Single-family	1, 530, 806	58. 4	Owned free	390, 537	37. 7
Structures by type	1, 931, 055	100. 0	2-family	501, 340	19. 0	Mortgaged	498, 382	48. 1
Single-family	1, 530, 806	79. 6	3-family	79, 302	3. 0	Not reported	147, 008	14. 2
2-family	260, 670	13. 0	4-family	86, 678	3. 3	Rental units	1, 597, 208	60. 7
3-family	26, 434	1. 4	Row house	34, 218	1. 3	Under \$15	540, 852	33. 9
4-family	21, 609	1. 1	Apartment	246, 946	9. 4	\$15 to \$30	697, 695	43. 7
Row house	7, 051	. 4	Other	147, 847	5. 6	\$30 and over	358, 661	22. 5
Apartment	22, 063	1. 1	Occupied	2, 428, 907	92. 2	Dwelling units equipped with		
Other	66, 372	8. 4	Very spacious	703, 635	29. 0	Furnace or boiler	1, 141, 142	47. 3
Condition of structure:			Spacious	655, 106	27. 0	Mechanical refrigeration	447, 136	17. 0
Good	726, 245	37. 6	Adequate	651, 840	26. 8	Gas for cooking	1, 828, 463	69. 4
Minor repairs	857, 326	44. 4	Crowded	379, 494	15. 6	Electricity for lighting	2, 385, 880	90. 6
Major repairs	301, 740	15. 6	Over-crowded	20, 283	1. 2	Tub and/or shower	2, 627, 849	99. 8
Unfit for use	43, 901	2. 3	Greatly over-crowded	6, 120	. 3			
Not reported	1, 843	. 1	Not reported	3, 489	. 1			
			Vacant	204, 228	7. 8			

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Real Property Inventory, 1934.

## No. 905.—BUILDING-MATERIAL PRICES AND CONSTRUCTION COSTS—INDEXES: 1914 TO 1939

[Monthly average, 1923-1925=100]

YEAR	WHOLESALE PRICE INDEXES <sup>1</sup>							Construction costs <sup>4</sup>	Factory building costs
	All building materials	Lumber	Brick and tile <sup>2</sup>	Portland cement <sup>3</sup>	Structural steel <sup>4</sup>	Paint and paint materials <sup>5</sup>	Other building materials		
1914	50.6	48.0	37.9	52.2	52.9	49.0	57.8	41.8	50.4
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	61.1	-----
1917	84.6	69.5	49.0	76.2	168.3	92.2	110.4	85.4	-----
1918	94.6	80.4	65.1	80.8	135.1	117.9	117.1	89.2	-----
1919	110.9	108.8	89.7	97.1	113.5	135.7	113.1	93.6	-----
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	80.2
1922	93.4	95.4	97.1	98.2	78.0	90.7	92.3	82.3	87.4
1923	104.3	107.6	101.2	102.4	109.1	98.0	102.1	100.9	102.1
1924	98.2	95.6	101.0	100.3	100.7	96.4	100.7	101.6	99.7
1925	97.6	96.8	97.8	97.3	90.1	105.7	97.2	97.5	98.2
1926	96.0	96.2	97.7	94.9	88.2	96.7	96.8	93.1	99.2
1927	90.9	89.6	93.5	90.5	83.5	93.1	92.4	97.3	96.7
1928	90.3	87.1	93.4	87.8	84.0	90.0	93.6	97.5	96.2
1929	91.6	90.3	92.1	84.4	86.5	91.8	94.6	97.6	95.7
1930	86.3	82.6	87.7	35.2	77.0	87.5	90.3	95.7	93.7
1931	76.0	66.9	81.6	71.0	73.3	76.8	82.1	85.5	88.6
1932	68.5	56.3	75.5	70.5	71.3	68.3	77.0	74.0	84.6
1933	73.9	68.0	77.3	83.6	73.3	70.9	80.1	80.2	85.6
1934	82.7	81.3	88.1	88.3	80.1	76.9	87.4	93.4	88.8
1935	81.9	78.1	87.3	88.0	81.1	77.2	87.2	92.6	88.9
1936	83.2	81.3	86.6	87.5	83.8	77.5	87.3	97.3	92.8
1937	91.4	95.3	91.3	84.4	99.8	80.7	95.9	110.7	100.4
1938	86.7	87.0	88.9	85.7	97.9	78.6	89.7	111.2	96.2
1939	86.9	89.9	89.3	86.6	94.6	80.1	87.4	111.0	95.4

<sup>1</sup> 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.

<sup>2</sup> Excludes tile prior to 1920.

<sup>3</sup> Composite price. Based on plant prices for years prior to 1920, and on delivered prices for subsequent years.

<sup>4</sup> Pittsburgh district.

<sup>5</sup> Excludes paint prior to 1923.

<sup>6</sup> Based upon the cost of lumber, steel, cement, and the rates paid common labor.

<sup>7</sup> Average of January, February, May, September, and December.

<sup>8</sup> Average of March, June, September, and December.

Sources: Wholesale prices, Department of Labor, Bureau of Labor Statistics; December 1939 issue of Wholesale Prices. Construction costs, Engineering News-Record. Standard factory building costs, Aberthaw Construction Co.



## No. 906.—URBAN HOUSING, FINANCIAL SURVEY—UNITS SURVEYED, VALUE OF

NOTE.—The Financial Survey of Urban Housing is a study of financial and related economic data for a Statistical Abstract and table 815 of the 1935 issue) and of family income and other factors relating to the acquisition, age, cost, value, and type of dwellings, rents, mortgages, family income, and families and persons

CITY AND GEOGRAPHIC AREA	OCCUPIED DWELLING UNITS SURVEYED				AVERAGE VALUE 1-FAMILY DWELLINGS, JAN. 1, 1934 <sup>1</sup>		AVERAGE ANNUAL RENTAL PER DWELLING UNIT, RENTED PROPERTIES, 1933 <sup>2</sup>		PERCENT OF PROPERTIES MORTGAGED <sup>2</sup>	
	Tenant-occupied units		Owner-occupied units		Own-er-occupied	Rent- <sup>d</sup>	Total, all dwell-ings	1-fam-ily dwell-ings	Own-er-occupied	Rent- <sup>d</sup>
	Num-ber <sup>1</sup>	Per-cent of total <sup>2</sup>	Num-ber <sup>1</sup>	Per-cent of total <sup>2</sup>						
1 Total 52 cities.....	157, 738	12.1	128, 521	15.1	\$4, 447	\$3, 142	\$263	\$248	58.3	42.8
2 New England.....	12, 600	7.7	6, 766	7.4	6, 214	4, 832	294	348	65.6	53.9
3 Portland, Maine.....	2, 757	24.1	1, 448	24.5	6, 051	4, 445	328	363	46.7	41.3
4 Worcester, Mass.....	2, 818	9.6	1, 423	9.3	6, 042	6, 133	305	428	83.6	69.3
5 Providence, R. I. <sup>3</sup> .....	5, 892	5.4	3, 290	6.3	5, 903	4, 706	287	320	63.2	50.2
6 Waterbury, Conn.....	1, 133	7.7	595	7.5	8, 001	.....	293	457	81.1	.....
7 Middle Atlantic.....	7, 311	10.7	7, 394	13.2	5, 293	4, 457	290	327	66.9	55.9
8 Binghamton, N. Y.....	774	7.0	590	7.5	6, 163	.....	330	445	45.3	.....
9 Syracuse, N. Y.....	1, 524	5.0	1, 314	5.9	5, 901	5, 430	296	354	76.9	67.1
10 Trenton, N. J.....	2, 083	15.7	2, 365	17.5	4, 200	3, 135	273	265	68.8	39.8
11 Erie, Pa.....	2, 928	21.4	3, 125	25.2	4, 576	3, 780	204	289	49.7	30.5
12 East North Central.....	36, 371	12.5	32, 408	18.5	5, 689	4, 806	297	307	66.3	51.2
13 Cleveland, Ohio <sup>4</sup> .....	27, 485	14.0	22, 036	17.9	6, 249	5, 464	311	363	67.0	53.2
14 Indianapolis, Ind.....	3, 183	5.2	2, 780	7.5	4, 890	3, 126	300	277	63.8	51.2
15 Peoria, Ill.....	2, 330	18.4	2, 740	22.2	4, 405	3, 087	283	258	54.0	40.3
16 Lansing, Mich.....	977	9.2	1, 149	12.3	3, 813	2, 970	204	200	57.4	38.5
17 Kenosha, Wis.....	1, 002	17.0	1, 145	19.4	5, 069	4, 069	226	251	65.3	48.2
18 Racine, Wis.....	1, 894	23.3	2, 150	29.8	4, 961	4, 342	219	230	67.1	53.5
19 West North Central.....	24, 896	13.3	24, 757	15.7	3, 662	2, 713	232	266	51.5	39.4
20 Minneapolis, Minn.....	9, 284	13.0	7, 510	14.4	4, 204	3, 375	318	358	55.9	46.3
21 St. Paul, Minn.....	1, 830	5.3	1, 899	5.7	3, 766	3, 285	290	316	48.0	41.4
22 Des Moines, Iowa.....	3, 118	14.8	3, 422	13.7	3, 157	2, 486	285	292	49.5	35.4
23 St. Joseph, Mo.....	1, 282	12.0	1, 262	16.2	3, 206	2, 483	235	223	49.9	24.7
24 Springfield, Mo.....	1, 197	14.0	1, 594	21.5	2, 651	1, 940	183	173	50.1	25.4
25 Fargo, N. Dak.....	909	21.3	845	30.9	4, 811	.....	337	340	58.5	.....
26 Sioux Falls, S. Dak.....	1, 525	30.5	1, 224	31.0	4, 101	3, 201	209	258	53.4	40.8
27 Lincoln, Neb.....	1, 295	12.0	1, 715	16.1	3, 548	2, 524	268	257	48.2	36.5
28 Topeka, Kans.....	2, 078	23.0	2, 518	27.5	3, 136	2, 258	243	224	44.0	26.2
29 Wichita, Kans.....	2, 378	14.1	2, 750	20.9	2, 722	2, 066	200	188	53.5	38.8
30 South Atlantic.....	26, 729	14.2	12, 987	15.2	4, 323	3, 128	218	214	50.5	34.6
31 Hagerstown, Md.....	1, 275	25.3	740	27.5	4, 601	2, 535	232	242	40.6	26.2
32 Richmond, Va.....	4, 176	15.0	2, 285	16.4	5, 218	3, 640	283	274	49.7	34.2
33 Wheeling, W. Va. <sup>5</sup> .....	2, 219	8.7	2, 350	12.2	3, 768	3, 510	227	234	35.3	21.0
34 Asheville, N. C.....	1, 644	21.6	898	25.4	3, 807	3, 234	169	173	46.9	14.5
35 Greensboro, N. C.....	1, 225	15.6	569	16.0	5, 226	3, 382	200	194	56.8	29.3
36 Charleston, S. C.....	2, 537	19.1	647	19.5	5, 023	2, 723	177	198	32.9	23.6
37 Columbia, S. C.....	1, 583	18.9	598	18.8	4, 779	2, 907	187	189	58.4	33.7
38 Atlanta, Ga. <sup>6</sup> .....	9, 543	13.9	4, 274	15.9	4, 339	2, 793	223	233	58.2	40.7
39 Jacksonville, Fla.....	2, 527	10.4	620	6.9	3, 490	.....	172	167	47.6	.....
40 East South Central.....	9, 199	10.5	5, 218	15.4	3, 213	2, 568	159	153	62.4	22.5
41 Paducah, Ky.....	1, 313	23.9	732	25.8	2, 106	1, 188	145	130	30.7	7.1
42 Birmingham, Ala. <sup>4</sup> .....	7, 178	9.6	3, 989	14.7	3, 198	2, 703	151	148	52.4	22.9
43 Jackson, Miss.....	768	9.3	447	12.5	4, 462	.....	232	213	61.5	.....
44 West South Central.....	13, 083	13.1	10, 516	18.0	3, 643	2, 488	248	234	53.4	37.4
45 Little Rock, Ark.....	2, 615	23.0	1, 995	27.9	3, 230	1, 794	102	133	43.8	23.9
46 Baton Rouge, La.....	865	18.0	381	15.9	3, 806	.....	227	217	53.3	.....
47 Oklahoma City, Okla.....	3, 697	13.9	2, 944	18.4	3, 833	2, 580	251	235	61.7	43.1
48 Austin, Tex.....	1, 018	13.0	1, 032	17.5	3, 732	2, 529	260	244	39.2	30.6
49 Dallas, Tex.....	3, 381	9.0	3, 220	13.9	3, 695	2, 796	277	270	53.3	39.6
50 Wichita Falls, Tex.....	1, 067	16.5	894	26.0	2, 933	1, 970	153	149	41.4	21.2
51 Mountain.....	10, 060	22.8	9, 639	27.2	2, 958	2, 465	249	223	49.3	39.1
52 Butte, Mont.....	2, 010	40.7	1, 989	43.7	2, 355	1, 719	248	220	24.2	15.1
53 Boise, Idaho.....	1, 114	34.3	1, 138	45.3	3, 147	.....	286	248	45.1	.....
54 Casper, Wyo.....	698	24.1	708	35.0	2, 594	.....	222	218	44.1	.....
55 Pueblo, Colo.....	917	15.7	1, 039	17.8	1, 830	1, 503	187	171	40.0	22.5
56 Phoenix, Ariz.....	1, 067	18.0	998	24.4	4, 143	3, 368	243	245	55.6	43.0
57 Salt Lake City, Utah.....	3, 654	20.3	3, 587	21.7	3, 224	2, 677	260	232	54.0	42.9
58 Pacific.....	16, 989	9.8	18, 848	13.5	3, 231	2, 727	251	240	50.5	37.1
59 Seattle, Wash. <sup>4</sup> .....	5, 962	8.0	6, 705	11.1	3, 043	2, 587	255	233	43.2	36.4
60 Portland, Oreg.....	4, 023	9.0	5, 095	11.7	3, 104	2, 655	204	198	51.0	33.8
61 Sacramento, Calif.....	2, 168	15.4	2, 343	21.7	3, 995	3, 255	319	326	54.5	45.0
62 San Diego, Calif. <sup>4</sup> .....	4, 806	12.4	4, 735	19.1	3, 568	2, 872	276	275	60.6	38.3

<sup>1</sup> Sample surveyed in the 52 cities shown in this table. In 9 other cities included in the study the field enumeration was only partly completed, and only simplified tabulations of the data were made.

<sup>2</sup> Financial Survey reports as percentage of reports by Real Property Inventory. See also headnote.

1-FAMILY DWELLINGS, RENTS, MORTGAGES, AND FAMILY INCOME, FOR 52 CITIES

sample of the same properties covered by the Real Property Inventory (see table 904 of this issue of the occupants. This table presents selected statistics from the Financial Survey. Additional data relating to occupying the dwellings, are published for 22 cities in the report, "Financial Survey of Urban Housing"

AVERAGE RATIO OF MORTGAGE DEBT TO VALUE OF PROPERTY <sup>3</sup> (PERCENT)		INTEREST RATES <sup>3</sup> (PERCENT)				AVERAGE ANNUAL FAMILY INCOME <sup>3</sup>						AVERAGE RATIO RENT TO INCOME <sup>3</sup>	
Owner-occupied	Rented	Contract rate (weighted)		Effective rate (weighted)		Owner occupants			Tenants			1933	
		Owner-occupied	Rented	Owner-occupied	Rented	1929	1932	1933	1929	1932	1933		
55.6	60.4	6.18	6.25	6.54	6.76	\$2,304	\$1,854	\$1,465	\$1,589	\$1,183	\$1,082	24.2	1
54.8	60.6	5.93	5.88	6.17	6.20	2,506	1,969	1,710	1,659	1,360	1,171	25.2	2
50.5	53.4	6.00	6.04	6.10	6.11	2,773	2,138	1,842	1,744	1,415	1,290	25.4	3
57.1	69.3	5.64	5.47	5.71	5.76	2,784	2,080	1,907	1,686	1,306	1,221	24.9	4
49.4	58.7	6.06	6.00	6.45	6.40	2,339	1,733	1,606	1,630	1,209	1,124	25.5	5
60.0	-----	5.90	5.93	5.84	6.06	3,086	2,233	2,073	1,742	1,286	1,223	24.0	6
55.9	62.8	5.65	5.72	5.91	6.03	2,212	1,576	1,394	1,671	1,196	1,071	27.5	7
46.9	-----	5.80	6.35	6.18	6.18	2,421	2,051	2,019	1,694	1,439	1,408	23.4	8
57.0	62.7	5.46	5.54	5.69	5.83	2,450	1,714	1,507	1,665	1,231	1,082	27.3	9
58.4	59.7	5.92	5.77	6.03	6.29	1,917	1,377	1,174	1,317	1,010	902	30.8	10
57.7	64.5	5.94	5.95	6.36	6.48	1,943	1,281	1,080	1,649	1,050	924	28.6	11
56.8	64.2	6.18	6.15	6.45	6.48	2,478	1,883	1,430	1,774	1,263	1,149	25.9	12
57.2	67.7	6.14	6.09	6.42	6.35	2,463	1,669	1,391	1,757	1,240	1,138	27.2	13
56.2	57.0	6.34	6.34	6.52	6.76	2,899	2,078	1,821	1,896	1,422	1,289	23.1	14
50.4	52.5	6.50	6.39	6.88	6.76	2,203	1,614	1,454	1,691	1,220	1,131	24.9	15
59.5	57.0	6.20	6.35	6.41	6.75	2,140	1,337	1,204	1,632	1,016	906	21.0	16
53.8	58.4	6.09	6.24	6.38	6.99	1,855	1,067	969	1,378	831	803	28.1	17
58.9	59.3	5.95	5.96	6.34	6.47	1,939	1,082	918	1,589	913	837	26.3	18
52.0	55.3	6.09	6.08	6.54	6.72	2,173	1,659	1,449	1,611	1,248	1,141	24.5	19
52.4	56.7	5.92	5.91	6.31	6.68	2,304	1,742	1,530	1,730	1,349	1,220	26.0	20
50.0	53.7	5.93	5.94	6.46	6.50	2,060	1,633	1,469	1,454	1,130	1,059	27.6	21
53.2	52.2	5.91	6.18	6.48	6.64	2,138	1,653	1,455	1,660	1,307	1,174	24.2	22
52.5	54.5	6.21	6.12	6.80	6.69	2,196	1,727	1,473	1,555	1,201	1,176	19.0	23
52.9	48.2	7.04	7.00	7.51	7.58	1,753	1,288	1,102	1,365	1,003	899	30.2	24
50.4	-----	6.38	6.64	6.40	6.92	2,399	1,932	1,632	1,679	1,420	1,304	25.8	25
46.5	48.8	6.12	6.01	6.67	6.71	2,283	1,748	1,545	1,635	1,300	1,229	24.3	26
53.6	63.3	6.22	6.14	6.52	6.66	2,294	1,630	1,404	1,691	1,251	1,153	23.2	27
50.4	52.0	7.03	6.86	7.51	6.99	1,981	1,512	1,373	1,492	1,172	1,070	22.6	28
56.8	57.4	6.48	6.34	7.11	7.23	2,112	1,471	1,271	1,652	1,140	1,035	19.3	29
56.6	65.5	6.25	6.32	6.91	7.25	2,270	1,730	1,620	1,268	1,028	958	33.3	30
60.9	67.4	5.87	5.75	6.12	5.94	2,094	1,435	1,315	1,312	1,099	920	25.2	31
59.4	62.6	5.97	6.00	6.72	6.88	2,715	2,164	1,999	1,508	1,352	1,285	22.2	32
49.4	51.1	5.93	6.05	6.39	6.15	1,594	1,121	1,073	1,379	982	925	24.4	33
66.3	79.7	5.95	5.83	6.39	6.35	2,120	1,544	1,393	1,155	900	821	20.6	34
61.9	61.2	5.97	5.98	6.35	7.75	2,915	2,208	2,000	1,492	1,226	1,217	16.3	35
50.3	51.9	6.71	6.42	7.12	6.87	2,454	2,000	1,927	880	745	734	24.0	36
57.4	62.6	6.87	6.94	7.39	6.72	2,315	1,829	1,737	1,015	879	812	22.8	37
57.3	70.0	6.40	6.35	7.25	7.60	2,701	2,088	1,906	1,377	1,124	979	22.7	38
52.2	-----	6.78	6.80	7.35	7.14	1,593	1,291	1,224	873	680	626	27.5	39
59.4	51.1	6.59	6.39	7.09	7.17	2,275	1,425	1,275	1,349	889	778	20.3	40
58.7	48.2	5.93	6.16	7.29	6.70	1,697	1,231	1,134	1,019	731	680	21.5	41
61.1	52.0	6.63	6.37	7.10	7.19	2,267	1,390	1,211	1,385	880	769	19.6	42
50.4	-----	6.52	6.60	6.93	7.11	2,703	1,891	1,707	1,250	995	899	25.4	43
55.4	56.7	6.99	7.07	7.45	7.50	2,500	1,899	1,647	1,641	1,244	1,128	21.8	44
62.0	62.2	6.20	6.32	6.88	7.34	2,501	1,763	1,502	1,445	1,003	940	20.3	45
45.0	-----	7.17	6.78	7.55	7.61	2,153	1,707	1,532	1,371	1,118	1,009	22.5	46
58.2	55.5	6.82	7.02	7.38	6.98	2,580	1,791	1,617	1,627	1,172	1,096	22.9	47
46.4	50.9	7.41	7.59	7.52	9.16	2,070	1,710	1,534	1,450	1,282	1,168	22.0	48
53.5	56.7	7.22	7.21	7.93	7.76	2,564	1,883	1,712	1,751	1,350	1,233	22.4	49
66.3	72.4	7.22	7.12	7.68	8.02	2,706	1,832	1,660	1,612	1,114	1,048	14.7	50
56.7	57.5	7.02	7.08	6.60	7.36	2,140	1,463	1,341	1,595	1,135	1,027	23.3	51
41.3	52.2	7.82	7.46	8.32	8.71	2,257	1,261	1,155	1,732	1,038	980	25.1	52
43.2	-----	6.95	6.64	7.91	8.17	1,812	1,395	1,266	1,493	1,259	1,194	24.0	53
56.9	-----	6.93	6.85	7.31	7.05	2,064	1,602	1,441	1,569	1,123	1,099	20.0	54
59.2	58.9	6.62	7.04	7.08	7.16	1,570	1,043	933	1,290	843	783	23.8	55
56.3	53.3	7.31	7.37	7.60	7.94	2,880	1,919	1,590	1,681	1,204	1,114	21.8	56
58.0	59.8	6.97	6.86	5.83	6.97	2,270	1,600	1,417	1,603	1,193	1,094	23.7	57
55.9	57.4	6.34	6.42	6.92	7.08	2,098	1,491	1,307	1,628	1,198	1,062	22.8	58
54.7	57.2	6.25	6.26	6.05	6.79	2,122	1,453	1,278	1,693	1,296	1,125	22.7	59
56.6	54.9	6.09	6.20	6.45	7.10	1,994	1,351	1,218	1,423	1,017	905	22.6	60
61.8	64.2	6.58	6.32	7.14	7.23	2,465	1,614	1,712	1,805	1,456	1,344	23.7	61
54.4	57.6	6.79	6.88	7.48	7.66	2,047	1,583	1,371	1,070	1,330	1,192	23.1	62

<sup>3</sup> Totals for 52 cities and geographic areas, and interest rates for individual cities are weighted averages.

<sup>4</sup> Data omitted for certain cities because of insufficient number of reports.

<sup>5</sup> Metropolitan area; other cities, city proper.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Financial Survey of Urban Housing.

### 35. NATIONAL PARK SYSTEM AND METROPOLITAN DEMONSTRATION AREAS

No. 907.—AREAS ADMINISTERED BY NATIONAL PARK SERVICE, BY TYPE: JUNE  
30, 1940

TYPE OF AREA	Number	AREA	
		Sq. miles	Acres
All areas, total.....	203	34, 207. 45	21, 892, 770. 16
National Park and Monument System, total.....	161	33, 673. 10	21, 550, 782. 55
National Parks.....	26	16, 127. 08	10, 321, 331. 50
National Historical Parks.....	4	11. 96	7, 656. 28
National Monuments.....	82	14, 764. 40	9, 449, 214. 35
National Military Parks.....	11	32. 94	21, 070. 98
National Battlefield Sites.....	7	1. 19	118. 73
National Historic Sites.....	5	2. 86	1, 828. 16
National Recreational Area.....	1	2, 655. 58	1, 609, 573. 00
National Memorials.....	9	2. 79	1, 782. 62
National Cemeteries.....	12	1. 55	983. 45
National Capital Parks.....	1	16. 96	10, 856. 93
National Parkways.....	3	56. 79	36, 347. 54
Recreational Demonstration Areas.....	42	534. 35	341, 987. 61

Source: Department of the Interior, National Park Service; Areas Administered by National Park Service (information tables, revised as of June 30, 1940).

No. 908.—AREAS ADMINISTERED BY NATIONAL PARK SERVICE—NAME, YEAR  
ESTABLISHED, LOCATION, ACREAGE, AND SPECIAL CHARACTERISTICS: JUNE 30,  
1940

#### NATIONAL PARKS

NAME AND YEAR ESTABLISHED	Location	Area (acres)	Special characteristics
Acadia.....1929	Maine.....	17, 752. 04	Superb scenic area on Maine coast.
Bryce Canyon.....1928	Utah.....	35, 980. 08	Fantastically eroded pinnacles of vivid coloring.
Carlsbad Caverns.....1930	New Mexico.....	49, 568. 44	A series of connected caverns of unusual magnificence and extent.
Crater Lake.....1902	Oregon.....	160, 334. 00	Vivid blue lake of exceptional depth and clearness in vast crater.
Glacier.....1910	Montana.....	984, 309. 73	60 glaciers and 200 beautiful lakes. Part of international peace park.
Grand Canyon.....1919	Arizona.....	645, 119. 50	Mile-deep chasm with fantastically colored and eroded rocks.
Grand Teton.....1920	Wyoming.....	96, 000. 00	The most scenic portion of the Teton Range.
Great Smoky Moun- 1930	North Carolina- Tennessee.....	439, 365. 87	Loftiest range in East and diversified natural arboretum and herbarium.
Hawaii.....1916	Hawaii.....	176, 451. 30	Spectacular areas of volcanic interest and striking tropical vegetation.
Hot Springs.....1921	Arkansas.....	1, 006. 44	Mineral hot springs used since prehistoric times.
Isle Royale.....1940	Michigan.....	133, 662. 97	Extensive wilderness character.
Kings Canyon.....1940	California.....	454, 600. 00	A superb wilderness area, dominated by the 2 enormous canyons of the Kings River.
Lassen Volcanic.....1916	California.....	104, 526. 81	Only recently active volcano in continental United States.
Mammoth Cave <sup>1</sup> .....1936	Kentucky.....	42, 631. 75	The world-famous Mammoth Cave, discovered in 1799.
Mesa Verde.....1906	Colorado.....	51, 333. 62	Most notable historic cliff dwellings in America.
Mount McKinley.....1917	Alaska.....	1, 939, 493. 00	The highest mountain in North America.
Mount Rainier.....1890	Washington.....	241, 782. 00	Glacier system exceeding any other in continental United States.
Olympic.....1938	Washington.....	835, 411. 00	The finest remnant of the Pacific Northwest forests.
Platt.....1906	Oklahoma.....	848. 31	Many mineral springs with distinctive properties.
Rocky Mountain.....1915	Colorado.....	259, 416. 13	A magnificent section of the Rocky Mountains.
Sequoia.....1890	California.....	386, 560. 00	Groves of sequoia gigantea, including largest "Big Tree" on earth.
Shenandoah.....1935	Virginia.....	183, 311. 69	Outstanding scenic section of the Blue Ridge Mountains.

<sup>1</sup> For administration and protection only.

No. 908.—AREAS ADMINISTERED BY NATIONAL PARK SERVICE—NAME, YEAR ESTABLISHED, LOCATION, ACREAGE, AND SPECIAL CHARACTERISTICS: JUNE 30, 1940—Continued

## NATIONAL PARKS—continued

NAME AND YEAR ESTABLISHED	Location	Area (Acres)	Special characteristics
Wind Cave.....1903	South Dakota.....	12, 639. 71	Limestone caves and herds of bison, wapiti, and pronghorn antelope.
Yellowstone.....1872	Wyoming-Montana-Idaho.....	2, 221, 772. 61	A volcanic region; world-famous for its geysers and hot springs.
Yosemite.....1890	California.....	761, 111. 10	Unique glacial valley of incomparable beauty and spectacular waterfalls.
Zion.....1919	Utah.....	86, 343. 40	Vividly colored and fantastically carved cliffs bordering a deep valley.
NATIONAL HISTORICAL PARKS			
Abraham Lincoln.....1916	Kentucky.....	110. 50	The log cabin in which Lincoln is believed to have been born.
Chalmette.....1907	Louisiana.....	29. 62	Part of the area on which the Battle of New Orleans was fought.
Colonial.....1936	Virginia.....	6, 465. 17	Jamestown Island, Yorktown, and parkway connecting these areas with colonial Williamsburg.
Morristown.....1933	New Jersey.....	1, 051. 09	Washington's headquarters, 1779-1780.
NATIONAL MONUMENTS			
Aokia Battleground.....1938	Mississippi.....	49. 15	Site of Indian village of Aokia, where on May 26, 1739, the Chickasaws repulsed attack of French and Choctaws.
Appomattox Court House.....1940	Virginia.....	970. 30	Scene of surrender on April 9, 1865, of the Confederate Army, under Gen. Robert E. Lee.
Arches.....1929	Utah.....	33, 080. 00	Extraordinary examples of wind erosion in the form of gigantic arches, and other unique formations.
Aztec Ruins.....1923	New Mexico.....	25. 88	Prehistoric ruin of the pueblo type, containing 600 ruins.
Badlands.....1939	South Dakota.....	150, 103. 41	Spectacular exhibit of weathering and erosion.
Bandelier.....1916	New Mexico.....	26, 026. 20	Great number of cliff dwellings and pueblo ruins.
Big Hole Battlefield.....1910	Montana.....	200. 00	Site of battlefield where in 1877 a small force of United States troops routed a much larger force of Nez Percé Indians.
Black Canyon of the Gunnison.....1933	Colorado.....	13, 068. 55	A canyon with a maximum width of 1,300 feet and depth of 1,750 feet.
Cabrillo.....1913	California.....	. 50	Here in 1542 Juan Rodriguez Cabrillo, discoverer of California, first sighted land.
Canyon de Chelly.....1931	Arizona.....	83, 840. 00	Cliff dwellings recording cultural progress over longer period than any other Southwestern ruins.
Capitol Reef.....1937	Utah.....	37, 060. 00	Cliff dwellings, imprints of prehistoric animals, petrified trees, and unusual geological formations.
Capulin Mountain.....1916	New Mexico.....	680. 42	Huge cinder cone of recent geological formation, perhaps 1,000 years old.
Casa Grande.....1889	Arizona.....	472. 50	Noteworthy ruins of a prehistoric people.
Castle Pinckney.....1924	South Carolina.....	3. 50	Part of the early defenses of Charleston Harbor.
Cedar Breaks.....1933	Utah.....	5, 835. 79	Amphitheatres eroded to depth of 2,000 feet in pink-cliff formations.
Chaco Canyon.....1907	New Mexico.....	21, 509. 40	Includes Pueblo Bonito and other prehistoric communal dwellings.
Channel Islands.....1938	California.....	1, 119. 08	Large rookery of sea lions; unique plants and mammals; also examples of ancient volcanism.
Chiricahua.....1924	Arizona.....	10, 604. 80	Fantastic shapes, resembling animals, faces; tall isolated columns eroded from lava flows.
Colorado.....1911	Colorado.....	18, 310. 01	Spectacular example of erosion.
Craters of the Moon.....1924	Idaho.....	48, 280. 24	Fissure eruptions, volcanic cones, craters, and other volcanic phenomena.
Death Valley.....1933	California-Nevada.....	1, 907, 720. 00	Vast desert solitude, world-famous for weird natural phenomena.
Devil Postpile.....1911	California.....	800. 00	Consists of peculiar hexagonal basaltic columns suggestive of Giant's Causeway, Ireland.
Devils Tower.....1906	Wyoming.....	1, 152. 01	An 800-foot tower of 5-sided columns of volcanic rock. Oldest national monument.
Dinosaur.....1915	Utah-Colorado.....	203, 965. 00	Rich field of fossil animals, particularly dinosaurs.
El Morro.....1906	New Mexico.....	240. 00	Sandstone mesa about 200 feet in height, inscribed with names and brief accounts of early Spanish explorers.

No. 908.—AREAS ADMINISTERED BY NATIONAL PARK SERVICE—NAME, YEAR ESTABLISHED, LOCATION, ACREAGE, AND SPECIAL CHARACTERISTICS: JUNE 30, 1940—Continued

## NATIONAL MONUMENTS—continued

NAME AND YEAR ESTABLISHED	Location	Area (acres)	Special characteristics
Father Millet Cross.....1925	New York.....	0. 01	Commemorates services of a French Jesuit missionary at frontier post in 1688.
Fort Jefferson.....1935	Florida.....	86. 82	Largest all masonry fortification in western world, built for control of Florida Straits.
Fort Laramie.....1938	Wyoming.....	214. 41	From 1834 to 1890 prominently associated with western exploration and migration.
Fort Marion.....1924	Florida.....	18. 51	Oldest masonry fort extant in United States, originally Castle San Marcos.
Fort Matanzas.....1924	Florida.....	18. 34	Early Spanish stronghold.
Fort McHenry.....1925	Maryland.....	47. 04	Defense of this fort on September 13-14, 1814, inspired the national anthem.
Fort Pulaski.....1924	Georgia.....	427. 39	Large brick coast-defense fort begun 1820 and completed 1847.
Fossil Cycad.....1922	South Dakota.....	320. 00	Fossil cycads, a species of fern plants from the age of dinosaurs.
George Washington Birthplace.....1930	Virginia.....	394. 47	Memorial mansion and gardens on the site of Washington's birthplace.
Gila Cliff Dwellings.....1907	New Mexico.....	160. 00	Well-preserved cliff dwellings in 4 natural cavities in the face of an overhanging cliff.
Glacier Bay.....1925	Alaska.....	2, 299, 520. 00	Tidewater glaciers and exhibit of early stages of post glacier forests.
Gran Quivira.....1909	New Mexico.....	610. 94	Ruins of one of the earliest Spanish missions in the Southwest.
Grand Canyon.....1932	Arizona.....	201, 291. 00	Part of the Grand Canyon of the Colorado, containing Toroweap Point.
Great Sand Dunes.....1932	Colorado.....	46, 034. 47	Sand dunes which are among the largest and highest in the United States.
Holy Cross.....1929	Colorado.....	1, 392. 00	2 crevices on side of this mountain, when filled with snow, form a cross.
Homestead National Monument of America.....1939	Nebraska.....	160. 82	Site of first homestead in United States entered under the General Homestead Act of 1862.
Hovenweep.....1923	Utah-Colorado.....	285. 80	4 groups of remarkable prehistoric towers, pueblos, and cliff dwellings.
Jewel Cave.....1908	South Dakota.....	1, 274. 56	Series of subterranean chambers and galleries in limestone formation.
Joshua Tree.....1936	California.....	837, 480. 00	Many varieties of desert flora, notably the rare Joshua Tree.
Katmai.....1918	Alaska.....	2, 697, 590. 00	Dying volcanic regions, the scene of a violent eruption in 1912.
Lava Beds.....1925	California.....	45, 987. 00	Exhibits of volcanic action and lava flows in the shape of peculiar lava caves and tunnels.
Lehman Caves.....1922	Nevada.....	640. 00	Caves of gray and white limestone honeycombed by tunnels of stalactite formations.
Meriwether Lewis.....1925	Tennessee.....	300. 00	Site of old Grinder's Inn on Natchez Trace, where Meriwether Lewis is buried.
Montezuma Castle.....1906	Arizona.....	521. 41	Prehistoric cliff-dweller ruin of unusual size in face of a vertical cliff.
Mound City Group.....1923	Ohio.....	57. 00	Group of prehistoric Indian mounds.
Muir Woods.....1908	California.....	424. 53	Great grove of redwood trees.
Natural Bridges.....1908	Utah.....	2, 740. 00	Has 3 natural bridges, the largest being 223 feet high.
Navajo.....1909	Arizona.....	360. 00	Numerous well-preserved cliff-dweller ruins.
Ocmulgee.....1936	Georgia.....	688. 48	Numerous unique remains of mounds, ceremonial structures, and prehistoric towns.
Old Kasaan.....1916	Alaska.....	38. 00	Abandoned Haida Indian village in which remain totem poles and grave houses.
Oregon Caves.....1909	Oregon.....	480. 00	Caves in limestone formation of great variety and beauty.
Organ Pipe Cactus.....1937	Arizona.....	330, 687. 00	Unusually fine examples of Organ Pipe Cactus.
Perry's Victory Memorial.....1936	Ohio.....	14. 25	Commemorates victory of Commodore Oliver Hazard Perry over the British fleet at Put-in-Bay.
Petrified Forest.....1906	Arizona.....	90, 302. 37	Numerous petrified coniferous trees.
Pinnacles.....1908	California.....	9, 908. 39	Spire-like rock formations 600 to 1,000 feet high.
Pipe Spring.....1923	Arizona.....	40. 00	An old stone fort connected with early Mormon history.
Pipestone.....1937	Minnesota.....	115. 39	Quarry from which Indians obtained material for making peace pipes.
Rainbow Bridge.....1910	Utah.....	160. 00	A unique natural bridge in the shape of a rainbow.
Saguaro.....1933	Arizona.....	63, 284. 00	Contains giant cacti of unusual scientific interest.

No. 908.—AREAS ADMINISTERED BY NATIONAL PARK SERVICE—NAME, YEAR ESTABLISHED, LOCATION, ACREAGE, AND SPECIAL CHARACTERISTICS: JUNE 30, 1940—Continued

## NATIONAL MONUMENTS—continued

NAME AND YEAR ESTABLISHED	Location	Area (acres)	Special characteristics
Santa Rosa Island.....1939	Florida.....	9,500.00	A barrier reef of exceedingly clear white sand, 44 miles long.
Scotts Bluff.....1919	Nebraska.....	3,476.27	Well-known landmark on Oregon Trail.
Shoshone Cavern.....1909	Wyoming.....	212.37	A cave of considerable extent decorated with incrustations of crystals.
Sitka.....1910	Alaska.....	57.00	Important early Russian settlement.
Statue of Liberty.....1924	New York.....	10.38	Colossal statue on Bedloe's Island commemorating the French alliance during the Revolutionary War.
Sunset Crater.....1980	Arizona.....	3,040.00	A volcanic crater with lava flows and ice caves.
Timpanogos Cave.....1922	Utah.....	250.00	Limestone cavern almost 660 feet in length.
Tonto.....1907	Arizona.....	1,120.00	2 cliff-dweller ruins consisting of 2 and 3 storied walls.
Tumacacori.....1908	Arizona.....	10.00	Spanish Mission in late seventeenth century and taken over by Franciscans about 1787.
Tuzigoot.....1939	Arizona.....	42.66	The ruins of several units of an ancient pueblo, occupied over several centuries by a varying population.
Verendrye.....1917	North Dakota.....	253.04	Commemorates the Verendrye explorations in North Dakota.
Walnut Canyon.....1915	Arizona.....	1,879.46	Cliff dwellings built under the outward sloping canyon walls.
Wheeler.....1908	Colorado.....	300.00	Volcanic formations illustrating erratic erosion.
White Sands.....1933	New Mexico.....	143,227.47	An area of glistening deposits of wind-blown gypsum almost crystal clear, resembling a vast snow field.
Whitman.....1940	Washington.....	45.03	The site of the Indian mission and school established in 1836 by Marcus Whitman and wife.
Wupatki.....1924	Arizona.....	35,865.30	Prehistoric dwellings of ancestors of Hopi Indians.
Yucca House.....1919	Colorado.....	10.00	Great mounds containing prehistoric ruins.
Zion.....1937	Utah.....	40,150.00	The Hurricane Cliffs, caused by a 3,000-foot displacement along the fault of the same name.

## NATIONAL MILITARY PARKS

Chickamauga and 1890 Chattanooga.	Georgia-Tennessee.	8,541.73	Battlefields of Chickamauga, Missionary Ridge, and Lookout Mountain, important in operations around Chattanooga during 1863.
Fort Donelson.....1928	Tennessee.....	102.54	Site of fort in War Between the States.
Fredericksburg and 1927 Spotsylvania County Battlefields Me- morial.	Virginia.....	2,899.31	6 great Battlefields of the War Between the States in the vicinity of Fredericksburg, containing miles of original trenches and earthworks.
Gettysburg.....1895	Pennsylvania.....	2,392.07	Scene of 3-day battle of Gettysburg.
Gulfport Courthouse.....1917	North Carolina.....	148.83	Site of an important encounter on Mar. 15, 1781, between British and American forces.
Kings Mountain.....1931	South Carolina.....	340.09	Site of American victory in Revolutionary War, Oct. 7, 1780.
Moore's Creek.....1926	North Carolina.....	30.00	Scene of a memorable battle in 1776 between North Carolina Whigs and Tories.
Petersburg.....1926	Virginia.....	2,045.90	Battlefield area and scene of longest siege in the history of the United States.
Shiloh.....1894	Tennessee.....	3,716.66	The battlefield of Shiloh near Pittsburg Landing (1862).
Stones River.....1927	Tennessee.....	323.85	Scene of a stubbornly fought midwinter battle in 1862.
Vicksburg.....1899	Mississippi.....	1,338.00	Remarkable preserved fortifications of 47-day siege of Vicksburg (1863).

## NATIONAL BATTLEFIELD SITES

Antietam.....1890	Maryland.....	53.73	Scene of the battle which brought to an end Lee's first invasion of the North in 1862.
Brices Cross Roads.....1929	Mississippi.....	1.00	Scene of a severe battle in which Confederate cavalry was employed with great skill.
Cowpens.....1929	South Carolina.....	1.00	Site of Daniel Morgan's decisive victory over the British on Jan. 17, 1781.
Fort Mifflin.....1981	Pennsylvania.....	2.00	Scene of a battle between colonial troops led by George Washington and French troops assisted by Indians, July 3, 1754.

\* Temporarily closed to visitors.

\* On July 11, 1940, area enlarged to 4,012 acres.

NO. 908.—AREAS ADMINISTERED BY NATIONAL PARK SERVICE—NAME, YEAR ESTABLISHED, LOCATION, ACREAGE, AND SPECIAL CHARACTERISTICS: JUNE 30, 1940—Continued

## NATIONAL BATTLEFIELD SITES—continued

NAME AND YEAR ESTABLISHED	Location	Area (acres)	Special characteristics
Kennesaw Mountain <sup>4</sup> 1917	Georgia.....	60.00	Cheatham's Hill, on which the most desperate action during the Battle of Kennesaw Mountain took place (June 27, 1864).
Tupelo.....1929	Mississippi.....	1.00	Commemorates the Battle of Tupelo, July 13 and 14, 1864.
White Plains.....1926	New York.....	.....	Memorials showing the positions held by Washington's army at the Battle of White Plains.

## NATIONAL HISTORIC SITES

Federal Hall Memorial.	New York City...	.40	On this spot, the site of the present Federal Subtreasury Building, stood the famous Federal Hall, the first seat of the new Federal Government.
Hopewell Village.....1938	Pennsylvania.....	213.70	One of the finest examples of American 18th century iron-making villages.
Manassas National Battlefield Park.	Virginia.....	1,604.67	Here were fought the battles of First and Second Manassas on July 21, 1861, and August 29-30, 1862.
Old Philadelphia Custom House.	Philadelphia.....	.79	This building, completed in 1824, is one of the finest examples of Greek revival architecture; was the home of the Second Bank of the United States, which figured so prominently in the historic controversy over national banking policies.
Salem Maritime.....1938	Massachusetts....	8.61	Includes the Derby Wharf, the Richard Derby House, and the old Customs House in which Nathaniel Hawthorne worked, all important in the early maritime history of New England.

## NATIONAL RECREATIONAL AREA

Boulder Dam <sup>5</sup> .....1936	Arizona—Nevada..	1,699,573	Boulder Dam and Lake Mead, the largest artificial lake in the world, 115 miles long.
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## NATIONAL MEMORIALS

Camp Blount Tablets.1930	Tennessee.....	.....	Tablets marking the site of militia mobilization under Andrew Jackson for Indian campaigns.
House Where Lincoln Died.	Washington, D. C.	.06	Lincoln died here on April 15, 1865. Has been refurbished to give atmosphere of a typical home of the 1860's.
Kill Devil Hill.....1927	North Carolina...	314.40	Site of the first sustained flight by a heavier-than-air machine, made by Wilbur and Orville Wright.
Lee Mansion.....1925	Virginia.....	.60	Home of Robert E. Lee, commander-in-chief of the Confederate Army.
Lincoln Memorial.....1922	Washington, D. C.	.61	Classical structure of great beauty with a seated figure, 20 feet high, of the Great Emancipator.
Lincoln Museum.....1932	Washington, D. C.	.18	Ford's Theater in which Lincoln was shot by John Wilkes Booth on the night of April 14, 1865.
Mount Rushmore Memorial.	South Dakota.....	1,465.51	Colossal figures carved on the face of Mount Rushmore, delineating the features of 4 great presidents.
New Echota Marker..1931	Georgia.....	1.00	Site of the last capital of the Cherokee Indians in Georgia.
Washington Monument.	Washington, D. C.	.37	Monument (in the form of an obelisk, 555 feet high), is one of the dominating features of the Nation's capital.

<sup>4</sup> On June 26, 1935, Congress authorized the Kennesaw Mountain National Battlefield Park project to include this area.

<sup>5</sup> Area established by inter-bureau agreement. The Bureau of Reclamation is responsible for the water conservation and power generation phases of the project. The National Park Service administers the area for public recreation.

No. 908.—AREAS ADMINISTERED BY NATIONAL PARK SERVICE—NAME, YEAR ESTABLISHED, LOCATION, ACREAGE, AND SPECIAL CHARACTERISTICS: JUNE 30, 1940—Continued

## NATIONAL CEMETERIES

NAME AND YEAR ESTABLISHED	Location	Area (acres)	Special characteristics
Antietam..... <sup>6</sup> 1862	Maryland.....	11.36	The cemetery is divided into segments, each representing a State. Interments: 4,833 (unidentified, 1,836).
Battleground..... <sup>6</sup> 1864	District of Columbia.....	1.03	On Georgia Avenue, between Van Buren and Whittier Streets. Interments: 44.
Chattanooga..... <sup>6</sup> 1863	Tennessee.....	136.15	Interments: 14,725.
Custer Battlefield..... <sup>7</sup> 1886	Montana.....	640.00	The cemetery is on the site of the famous Battle of the Little Big Horn River, June 25, 1876, in which Lieut.-Col. Geo. A. Custer and his command were destroyed by the Sioux Indians.
Fort Donelson..... <sup>6</sup> 1867	Tennessee.....	15.34	Interments: 684.
Fredericksburg..... <sup>6</sup> 1865	Virginia.....	12.00	Interments: 15,260.
Gettysburg..... <sup>6</sup> 1863	Pennsylvania.....	15.55	Interments: 3,785.
Poplar Grove..... <sup>6</sup> 1866	Virginia.....	9.02	Cemetery is on camping ground of the 50th Regiment of New York Engineers. Interments: 6,265 (unidentified, 2,163).
Shiloh..... <sup>6</sup> 1866	Tennessee.....	10.25	Men who fell at battle of Shiloh and the surrounding area. Interments: 3,653 (unidentified, 2,417).
Stones River..... <sup>6</sup> 1866	Tennessee.....	20.09	Interments: 6,179 (unidentified, 2,560).
Vicksburg..... <sup>6</sup> 1865	Mississippi.....	119.76 <sup>8</sup>	Includes many who died in a radius of 150 miles from Vicksburg during the War Between the States. Interment: 17,450.
Yorktown..... <sup>6</sup> 1866	Virginia.....	2.91	Interments: 2,204 (unidentified, 1,446).

## NATIONAL CAPITAL PARKS

National Parks.	Capital 1700	District of Columbia and environs.	<sup>9</sup> 10,856.93	The park system of the District of Columbia was established under authorization of the act of July 16, 1790, and has been under continuous Federal control since. There are 725 areas in which are located 74 national statues and memorials.
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## NATIONAL PARKWAYS

Blue Ridge..... <sup>6</sup> 1936	Virginia-N o r t h Carolina.	<sup>10</sup> 24,600.72	A scenic parkway averaging 2,500 feet in elevation, following the Blue Ridge Mountains, embracing scenic and recreational areas. 305 miles of an estimated total of 484 miles are completed or under construction.
George Washington Memorial.	Virginia-District of Columbia-Maryland.	<sup>10</sup> 1,932.68	Embraces many interesting landmarks associated with life of George Washington; its principal feature will be a continuous boulevard drive along the Maryland and Virginia shores of the Potomac River. Estimated length when finished is 51 miles.
Natchez Trace..... <sup>6</sup> 1934	Mississippi-A l a b a m a-Tennessee.	<sup>10</sup> 9,814.14	A parkway following general route of Old Indian Trail between Nashville and Natchez, known as "Natchez Trace," an important route in early travel. 86 miles of an estimated total of 454 miles are completed or under construction.

<sup>6</sup> Probable date of interments.<sup>7</sup> Transferred to National Park Service by Executive order of June 3, 1940, effective July 1, 1940.<sup>8</sup> Includes approximately 4,700 acres of Chesapeake and Ohio Canal lands.<sup>9</sup> Year started.<sup>10</sup> Acreage acquired to date.



No. 908.—AREAS ADMINISTERED BY NATIONAL PARK SERVICE—NAME, YEAR ESTABLISHED, LOCATION, ACREAGE, AND SPECIAL CHARACTERISTICS: JUNE 30, 1940—Continued

## RECREATIONAL DEMONSTRATION AREAS

NAME	Location	Area (acres)	Special characteristics
Acadia.....	Maine.....	5, 680	Bold promontory on Mount Desert Island, adjoining Acadia National Park.
Beach Pond.....	Rhode Island.....	3, 472	Forest area and bathing beach.
Bear Brook.....	New Hampshire.....	6, 155	Rolling wooded country with lakes and ponds.
Blue Knob.....	Pennsylvania.....	5, 136	Typical Allegheny Mountain wilderness country containing second highest point in Pennsylvania.
Camden Hills.....	Maine.....	4, 962	Meeting point of highest hills on mainland and rugged Atlantic coast.
Catoctin.....	Maryland.....	9, 746	Rugged mountain and woodland area.
Cheraw.....	South Carolina.....	6, 832	Lake and pine forest.
Chopawamsic.....	Virginia.....	14, 080	Forest covered slopes through which flow the Chopawamsic and Quantico Creeks.
Crabtree Creek.....	North Carolina.....	4, 983	Forest in Piedmont plateau region.
Cuivre River.....	Missouri.....	5, 802	Field and forest upland on the Cuivre River.
Custer.....	South Dakota.....	20, 167	Scenic section of the Black Hills.
Falls Creek Falls.....	Tennessee.....	15, 776	Caney Creek Gulf; rapids and waterfalls culminating in Falls Creek Falls, which have a vertical drop of 256 feet, 89 feet higher than Niagara.
French Creek.....	Pennsylvania.....	5, 984	The remains of Hopewell Village, a typical early American iron-making community.
Hard Labor Creek.....	Georgia.....	5, 802	Fields and wooded lands with 2 lakes.
Hickory Run.....	Pennsylvania.....	12, 908	Rocky, wild upland in the Poconos with varied wildlife population.
Kings Mountain.....	South Carolina.....	10, 147	Adjoins famous Revolutionary battle fields; rugged forest with lakes.
Lake Guernsey.....	Wyoming.....	1, 753	Adjacent to Bureau of Reclamation development of the same name, which contains large artificial lake and museum.
Lake Murray.....	Oklahoma.....	2, 228	Largest lake in State.
Lake of the Ozarks.....	Missouri.....	10, 037	Forest with extensive shore lines jutting into a 125-mile long lake formed by the Bagnell Dam.
Laurel Hill.....	Pennsylvania.....	4, 025	Heavily forested mountains with beautiful lake and many streams.
Mendocino.....	California.....	5, 410	Steep hillsides with Redwood forests. Adjoins Van Damme State Park on rugged California coast.
Montgomery Bell.....	Tennessee.....	3, 744	Wooded plateau with large lake.
Montserrat.....	Missouri.....	3, 430	Forest stands of burr, oak, sycamore, and cottonwood on rolling land.
Oak Mountain.....	Alabama.....	7, 805	Rough mountain lands thickly wooded, marked by narrow valleys and sparkling streams.
Otter Creek.....	Kentucky.....	2, 435	Affording splendid views of the Ohio River from its high bluffs.
Pere Marquette.....	Illinois.....	2, 522	Densely wooded ravines and hills rising above Mississippi and Illinois River valleys.
Pine Mountain.....	Georgia.....	3, 018	Mountain range in middle Georgia.
Raccoon Creek.....	Pennsylvania.....	5, 034	Steep hills, deep valleys, and lake on Traverse Creek.
Roosevelt.....	North Dakota.....	63, 365	Unusual geological formations characteristic of the Dakota "badlands."
Saint Croix.....	Minnesota.....	18, 499	Woodland sandy pine country bordering St. Croix River.
Shelby Forest.....	Tennessee.....	12, 305	Rugged wooded river bluffs and forested bottomlands on the Mississippi.
Shenandoah.....	Virginia.....	10, 120	Outstanding scenic section of the Blue Ridge. Adjoins Shenandoah National Park.
Silver Creek.....	Oregon.....	4, 088	Heavy Douglas fir forest of great natural beauty adjoining the State park of the same name.
Stephens, Alexander H.....	Georgia.....	938	Rolling forest lands and lakes adjoining the home of the Vice President of the Confederacy.
Swift Creek.....	Virginia.....	7, 610	Large lake and wooded area with splendid bathing beach, picnic grounds, and camping facilities.
Versailles.....	Indiana.....	5, 371	Forested hills bordering the winding valley of Laughery Creek.
Waterloo.....	Michigan.....	12, 018	Hill and dune country dotted by kettle hole lakes and small ponds.
Waysides.....	South Carolina.....	239	Small areas adjoining main highways with facilities for parking and picnicking.
Waysides.....	Virginia.....	205. 61	Facilities for parking and picnicking.
White Sands.....	New Mexico.....	1, 719	Adjoins White Sands National Monument.
Winamac.....	Indiana.....	6, 233	Stretch of woodland along the historic Tippecanoe River, a beautiful clear stream, ideal for canoeing and fishing.
Yankee Springs.....	Michigan.....	4, 197	Rolling hills and kettle lakes in dune country.

Source: Department of the Interior, National Park Service; Areas Administered by National Park Service (information tables, revised as of June 30, 1940).

No. 909.—AREAS UNDER JURISDICTION OF NATIONAL PARK SERVICE—APPROPRIATIONS FOR ADMINISTRATION, PROTECTION, AND IMPROVEMENT, AND REVENUES: FISCAL YEARS 1917 TO 1940

YEAR	Department	Appropriation	Revenues
1917 <sup>1</sup>	Interior.....	\$533,466.67	\$180,652.30
	War.....	247,200.00	
	Total.....	780,666.67	
1918	Interior.....	529,780.00	217,330.55
	War.....	217,600.00	
	Total.....	747,280.00	
1919	Interior.....	902,205.00	196,678.03
	War.....	50,000.00	
	Total.....	1,012,205.00	
1920		907,070.76	316,877.96
1921		1,058,969.16	396,928.27
1922		1,533,220.00	432,964.89
1923		1,579,520.00	513,706.36
1924		1,759,601.00	663,886.32
1925		3,027,657.00	670,920.98
1926		3,258,409.00	826,464.17
1927		3,933,920.00	703,849.60
1928		4,874,685.00	808,255.81
1929		4,771,515.00	849,272.95
1930		7,890,321.00	1,015,740.56
1931		15,289,435.00	940,364.79
1932		9,595,250.00	820,654.19
1933		10,820,620.00	628,182.06
1933-40		<sup>2</sup> 47,513,764.89	
1934		8,987,976.00	731,331.80
1935		12,663,541.38	907,189.96
1936		18,830,280.00	1,136,533.68
1937		17,595,805.00	1,308,691.60
1938		22,590,260.00	1,504,591.84
1939		26,959,977.29	1,567,333.70
1940		13,557,815.00	1,929,013.63

<sup>1</sup> National Park Service was created on August 25, 1916.

<sup>2</sup> Represents the total allocations received from the Public Works Administration.

Source: Department of the Interior, National Park Service; Annual Report of the Secretary.

No. 910.—VISITORS TO NATIONAL PARKS AND MONUMENTS: 1916 TO 1940

NOTE.—No record of visitors to National Monuments available for years prior to 1919

YEAR ENDED SEPT. 30	Number	YEAR ENDED SEPT. 30	Number	YEAR ENDED SEPT. 30	Number
1916.....	356,097	1925.....	2,064,922	1934.....	6,337,206
1917.....	488,208	1926.....	2,314,955	1935.....	7,670,490
1918.....	451,681	1927.....	2,797,840	1936.....	11,989,793
1919.....	809,702	1928.....	3,024,544	1937.....	15,133,432
1920.....	1,164,976	1929.....	3,248,264	1938.....	16,233,688
1921.....	1,171,797	1930.....	3,246,656	1939.....	15,454,367
1922.....	1,216,497	1931.....	3,619,905	1940.....	16,741,855
1923.....	1,463,712	1932.....	3,764,596		
1924.....	1,670,908	1933.....	3,400,540		

Source: Department of the Interior, National Park Service; records.

### 36. ALASKA, HAWAII, AND PUERTO RICO TERRITORIES AND POSSESSIONS

GENERAL NOTE.—The Sixteenth Census figures for the population of Alaska and Puerto Rico, and for manufactures in Alaska and Hawaii, as given in this section, are preliminary and subject to revision. Population statistics for Alaska, Hawaii, and Puerto Rico, comparable with those appearing in tables 912 to 915, and manufactures statistics for Puerto Rico, comparable with those for Alaska and Hawaii in tables 916 and 917, will be included in the 1941 edition of the Abstract. That edition will also include summary statistics for agriculture and business, for Alaska, Hawaii, and Puerto Rico, and for agriculture for Virgin Islands.

#### No. 911.—OUTLYING TERRITORIES AND POSSESSIONS AND PRINCIPAL CITIES OR TOWNS—POPULATION, 1900 TO 1940, AND DWELLING UNITS, 1940

[Leaders indicate no data available]

	POPULATION					DWELLING UNITS <sup>1</sup> , 1940		
	1900 (June 1)	1910 (Apr. 15)	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)	Total	Occu- pied	Va- cant
<b>Total</b> .....		10,369,230	11,995,307	14,143,570	<sup>2</sup> 18,477,153			
Alaska Territory.....	63,592	<sup>3</sup> 64,356	55,036	<sup>4</sup> 59,278	<sup>2</sup> 72,861			
Juneau.....	1,864	<sup>3</sup> 1,644	3,058	<sup>4</sup> 4,043	<sup>2</sup> 5,724			
American Samoa.....	5,679	<sup>6</sup> 7,251	8,056	10,055	12,908			
Pago Pago.....		<sup>6</sup> 404	508	708	934			
Guam.....	<sup>7</sup> 9,676	11,806	<sup>8</sup> 13,275	<sup>9</sup> 18,509	<sup>10</sup> 22,290			
Agaña.....			7,432	8,690	10,004			
Hawaii Territory.....	154,001	191,909	255,912	308,336	423,330	90,570	86,583	3,987
Honolulu.....	39,306	52,183	83,327	137,582	179,358	39,410	38,401	919
Panama Canal Zone.....		<sup>11</sup> 62,810	22,858	39,467	51,827			
Silver City.....				4,460	4,583			
Philippine Islands.....	<sup>12</sup> 7,635,426	<sup>13</sup> 8,876,000	<sup>14</sup> 10,314,310	<sup>15</sup> 12,082,000	<sup>16</sup> 16,000,303			
Manila.....	<sup>12</sup> 219,928		<sup>14</sup> 285,306	<sup>15</sup> 329,000	<sup>16</sup> 623,492			
Puerto Rico.....	<sup>17</sup> 953,243	1,118,012	1,299,809	1,543,913	<sup>2</sup> 1,899,245	359,639	354,417	5,222
San Juan.....	<sup>17</sup> 32,048	48,716	71,443	114,715	<sup>2</sup> 169,255	35,262	34,631	631
Virgin Islands.....	<sup>18</sup> 30,527	<sup>19</sup> 27,086	<sup>20</sup> 26,051	22,012	24,889	9,041	8,283	758
Charlotte Amalie.....	<sup>18</sup> 8,540	<sup>19</sup> 8,247	<sup>20</sup> 7,747	7,036	9,801	3,268	3,152	116

<sup>1</sup> A "dwelling unit" is the living quarters occupied by, or intended for occupancy by, 1 household.  
<sup>2</sup> Preliminary.  
<sup>3</sup> As of Jan. 1, 1910.  
<sup>4</sup> As of Oct. 1, 1929.  
<sup>5</sup> As of Oct. 1, 1939.  
<sup>6</sup> 1912.  
<sup>7</sup> 1901.  
<sup>8</sup> Includes native men enlisted in the U. S. Navy but excludes U. S. Naval Station personnel, numbering 309.  
<sup>9</sup> Includes 1,118 reported on U. S. Naval Reservations and on U. S. Naval vessels stationed at Guam.  
<sup>10</sup> Includes 213 reported on U. S. Naval vessels in Apra Harbor. <sup>11</sup> As of Feb. 1, 1912.  
<sup>12</sup> 1903. (Government of Philippine Islands; Census of the Philippine Islands, 1918, Vol. 2.)  
<sup>13</sup> Estimated population July 1. <sup>14</sup> As of Dec. 31, 1918. See note 12 for source.  
<sup>15</sup> Estimated population July 1, 1929. (Annual Report of Director of Education of the Philippine Islands.)  
<sup>16</sup> As of Jan. 1, 1939. (Commonwealth of the Philippines; Census of the Philippines, 1939, Special Bulletin No. 1.)  
<sup>17</sup> As of Nov. 10, 1899. <sup>18</sup> As of Feb. 1, 1901, Danish Government.  
<sup>19</sup> As of Feb. 1, 1911, Danish Government. <sup>20</sup> As of Nov. 1, 1917.

Source: Department of Commerce, Bureau of the Census, except as noted for the Philippine Islands; Census of the Virgin Islands of the United States, 1917; Fourteenth Census Reports, Population, Vol. I; 15th Census Reports, Outlying Territories and Possessions; and 16th Census preliminary releases.

No. 912.—AMERICAN SAMOA—POPULATION, BY SEX, RACE, NATIVITY, AND AGE: 1920, 1930, AND 1940

	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)		1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)
Total	8,056	10,055	12,908	Other	0	25	14
Male	4,130	5,208	6,612	Male	0	24	14
Female	3,917	4,847	6,296	Female	(1)	1	6
Polynesian	7,776	8,926	11,201	Native	(1)	13	8
Male	3,975	4,541	5,711	Foreign-born	(1)		
Female	3,801	4,385	5,580	Under 5 years	1,271	1,702	2,248
Native	(1)	8,040	10,507	Under 1 year	(1)	367	467
Foreign-born	(1)	886	784	5 to 9 years	1,102	1,450	2,022
Part-Polynesian	233	877	1,303	10 to 14 years	773	1,226	1,606
Male	127	469	687	15 to 19 years	711	1,021	1,363
Female	106	408	616	20 to 24 years	600	799	1,134
Native	(1)	742	1,133	25 to 29 years	1,400	845	1,024
Foreign-born	(1)	135	170	30 to 34 years		672	727
White	2 <sup>1</sup> 41	227	390	35 to 39 years	983	1,012	712
Male	31	174	200	40 to 44 years			514
Female	10	53	100	45 to 49 years	548	792	398
Native	(1)	193	273	50 to 54 years			325
Foreign-born	(1)	34	27	55 to 59 years	314	356	270
				60 to 64 years			182
				65 to 69 years			122
				70 to 74 years	204	144	79
				75 years and older		27	92

<sup>1</sup> Not available.

<sup>2</sup> Not comparable with figures for subsequent years. Data for white naval population of American Samoa in 1920 included in figures for continental United States.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census preliminary releases.

No. 913.—GUAM—POPULATION, BY SEX, RACE, NATIVITY, AND AGE: 1920, 1930, AND 1940

	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)		1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)
Total	1 13,275	2 18,509	3 22,290	Chinese—Continued.			
Male	6,490	9,630	11,300	Native	68	202	322
Female	6,785	8,879	10,990	Foreign-born	6	1	2
Chamorro	4 12,216	16,402	20,177	Negro and other non-white	99	37	109
Male	5,837	8,128	9,999	Male	56	18	50
Female	6,379	8,274	10,178	Female	43	19	59
Native	12,186	16,310	20,089	Native	96	36	107
Foreign-born	29	83	88	Foreign-born	3	1	2
White	4 280	1,205	785	Under 5 years	2,235	3,171	3,746
Male	179	997	581	Under 1 year	(5)	703	853
Female	104	208	204	5 to 9 years	1,829	2,447	3,261
Native	235	1,139	740	10 to 14 years	1,061	2,163	2,827
Foreign-born	44	66	45	15 to 19 years	1,459	1,931	2,228
Filipino	396	395	559	20 to 24 years	1,160	1,820	1,870
Male	237	216	321	25 to 29 years	1,772	1,606	1,719
Female	159	149	248	30 to 34 years		1,188	1,455
Native	394	364	568	35 to 39 years	1,335	1,794	1,203
Foreign-born	2	1	1	40 to 44 years			946
Japanese	210	297	326	45 to 49 years	1,005	1,181	812
Male	136	172	179	50 to 54 years			599
Female	74	125	147	55 to 59 years	529	850	501
Native	132	240	288	60 to 64 years			435
Foreign-born	78	57	38	65 to 69 years			201
Chinese	74	203	324	70 to 74 years	290	366	210
Male	48	90	170	75 years and older		102	174
Female	26	104	154	Unknown			13

<sup>1</sup> Includes native men enlisted in U. S. Navy, but excludes U. S. Naval Station personnel, numbering 800; also includes 1 white person born at sea and 1 Chamorro not reporting place of birth.

<sup>2</sup> Includes 1,118 reported on U. S. Naval Reservations and on U. S. Naval vessels stationed at Guam.

<sup>3</sup> Includes 213 reported on U. S. Naval vessels in Apra Harbor.

<sup>4</sup> See last clause of note 1.

<sup>5</sup> Not available.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census preliminary releases.

No. 914.—PANAMA CANAL ZONE—POPULATION, BY SEX, RACE, NATIVITY, CITIZENSHIP STATUS, AND AGE: 1920, 1930, AND 1940

	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)		1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)
Total	22,868	32,467	51,827	Other	69	268	447
Male	14,586	26,139	37,528	Male	69	245	430
Female	8,272	13,328	14,299	Female	(1)	23	17
White	12,370	18,814	32,856	Native	(1)	(1)	33
Male	8,555	14,423	26,071	Foreign-born	(1)	(1)	414
Female	3,815	4,391	5,885	Naturalized	(1)	(1)	2
Native	10,753	16,773	31,366	First papers	(1)	(1)	—
Foreign-born	1,617	2,041	1,490	Alien	(1)	(1)	412
Naturalized	(1)	926	911	Unknown	(1)	(1)	—
First papers	(1)	275	15	Under 5 years	2,690	2,604	2,419
Alien	(1)	706	545	Under 1 year	640	496	461
Unknown	(1)	44	19	5 to 9 years	2,297	3,618	2,633
Negro and Negro-mixed	10,429	20,385	18,524	10 to 14 years	1,187	3,510	2,995
Male	5,972	10,127	10,127	15 to 19 years	1,642	3,705	6,368
Female	4,457	8,014	8,397	20 to 24 years	2,068	5,952	13,045
Native	2,757	5,284	5,576	25 to 29 years	3,252	4,149	5,980
Foreign-born	7,672	15,101	12,048	30 to 34 years	2,950	3,290	3,780
Naturalized	(1)	22	18	35 to 44 years	3,825	6,932	5,701
First papers	(1)	8	1	45 to 54 years	1,513	3,974	5,368
Alien	(1)	15,028	12,021	55 to 64 years	389	1,153	2,068
Unknown	(1)	43	8	65 to 74 years	74	341	370
				75 years and older	13	104	123
				Unknown	268	45	917

<sup>1</sup> Not available

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census preliminary releases.

No. 915.—VIRGIN ISLANDS—POPULATION, BY SEX, RACE, NATIVITY, CITIZENSHIP STATUS, AND AGE: 1917, 1930, AND 1940

	1917 (Nov. 1)	1930 (Apr. 1)	1940 (Apr. 1)		1917 (Nov. 1)	1930 (Apr. 1)	1940 (Apr. 1)
Total	22,051	22,012	24,889	Mixed and other	4,606	2,750	5,477
Male	11,999	10,208	11,912	Male	1,811	1,211	2,573
Female	14,052	11,804	12,977	Female	2,795	1,548	2,904
White	1,922	2,010	2,286	Native	(1)	2,514	5,191
Male	1,188	1,156	1,216	Foreign-born	(1)	245	286
Female	724	854	1,070	Naturalized	(1)	(1)	70
Native	(1)	1,392	1,704	First papers	(1)	(1)	13
Foreign-born	(1)	618	532	Alien and unknown	(1)	(1)	203
Naturalized	(1)	(1)	134	Under 5 years	2,430	2,257	3,027
First papers	(1)	(1)	17	Under 1 year	405	414	637
Alien and unknown	(1)	(1)	381	5 to 9 years	2,430	2,486	2,581
Negro	19,523	17,243	17,176	10 to 14 years	2,461	2,291	2,370
Male	8,990	7,841	8,123	15 to 19 years	2,209	1,883	2,383
Female	10,533	9,402	9,053	20 to 24 years	2,521	1,595	2,277
Native	(1)	14,035	14,663	25 to 29 years	2,200	1,367	1,037
Foreign-born	(1)	3,208	2,513	30 to 34 years	1,015	1,239	1,509
Naturalized	(1)	(1)	351	35 to 44 years	3,719	2,731	2,510
First papers	(1)	(1)	90	45 to 54 years	2,709	2,721	2,446
Alien and unknown	(1)	(1)	2,072	55 to 64 years	1,894	1,783	2,056
				65 to 74 years	1,084	1,120	1,213
				75 years and older	479	635	561
				Unknown	—	4	10

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census preliminary releases.

## NO. 916.—ALASKA—MANUFACTURES, BY INDUSTRIES: 1899 TO 1939

NOTE.—The figures for 1939 do not include data for plants reporting products valued at less than \$2,000; those for earlier years cover all plants having products valued at \$500 or more. This increase in the minimum value-of-products limit resulted in some reduction in the "Number of establishments" reported, as compared with what it would have been had the minimum of \$500 been retained, but did not seriously impair the comparableness of the figures for 1939 with those for earlier years

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, and electric energy	Value of products	Value added by manufacture <sup>1</sup>
				<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
All industries, total..	1939	222	4, 810	6, 720, 841	20, 375, 797	37, 715, 203	17, 339, 406
	1919	147	6, 575	8, 830, 452	19, 482, 485	41, 495, 243	22, 012, 758
	1909	152	3, 099	1, 948, 020	5, 119, 613	11, 340, 105	6, 220, 492
	1899	48	2, 260	1, 375, 000	1, 763, 000	4, 194, 000	2, 431, 000
Boats, building and repairing <sup>2</sup> .....	1939	5	14	20, 950	23, 600	59, 120	35, 520
	1909	6	8	2, 440	3, 139	10, 330	7, 191
Bread and other bakery products <sup>3</sup> .....	1939	24	49	66, 767	233, 216	408, 463	175, 247
	1909	8	24	41, 600	71, 099	141, 110	70, 011
Fish canning and processing.....	1939	139	4, 350	6, 196, 259	19, 553, 244	35, 527, 767	15, 974, 523
	1919	104	6, 985	8, 136, 650	18, 535, 578	39, 160, 922	20, 625, 344
	1909	46	2, 717	1, 457, 587	4, 053, 094	9, 189, 982	5, 136, 888
	1899	36	2, 092	1, 243, 000	1, 588, 000	3, 821, 000	2, 233, 000
Ice, manufactured <sup>4</sup> .....	1939	4	12	18, 566	10, 080	77, 776	67, 690
Lumber and timber products.....	1939	18	220	234, 292	265, 375	762, 615	497, 240
	1919	22	222	327, 292	311, 439	950, 255	638, 817
	1909	22	131	108, 201	168, 504	400, 272	231, 768
	1899	10	78	56, 000	67, 000	155, 000	88, 000
Machine shops <sup>4</sup> .....	1939	6	11	18, 750	29, 100	73, 074	43, 974
Printing and publishing <sup>2</sup> .....	1939	15	114	126, 084	76, 093	427, 655	351, 562
	1909	16	64	100, 403	36, 392	228, 192	191, 800
All other industries.....	1939	11	39	47, 273	185, 089	378, 733	193, 644
	1919	21	208	375, 501	635, 408	1, 384, 065	748, 597
	1909	54	155	237, 465	787, 385	1, 370, 219	582, 834
	1899	2	90	76, 000	108, 000	218, 000	110, 000

<sup>1</sup> Value of products less cost of materials, etc., fuel; and purchased electric energy.

<sup>2</sup> The figures for 1939 cover the 12 months ended Sept. 30, 1939.

<sup>3</sup> No comparable figures available for 1919 and 1899.

<sup>4</sup> No comparable figures available for earlier years.

<sup>5</sup> Beverages, nonalcoholic, 1 establishment; candy, 1; concrete products, 1; ice cream, 2; liquors, malt, 2; sheet-metal work, 2; wire netting, 2. The figures for these industries are combined to avoid disclosing the data reported by individual establishments.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census preliminary releases.

## NO. 917.—HAWAII—MANUFACTURES, BY INDUSTRIES: 1899 TO 1939

NOTE.—The figures for 1939 do not include data for plants reporting products valued at less than \$2,000; those for earlier years cover all plants having products valued at \$500 or more. This increase in the minimum value-of-products limit resulted in some reduction in the "Number of establishments" reported, as compared with what it would have been had the minimum of \$500 been retained, but did not seriously impair the comparableness of the figures for 1939 with those for earlier years. Comparable figures for earlier years are given for all industries for which such figures are available

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, and electric energy	Value of products	Value added by manufacture <sup>1</sup>
				Dollars	Dollars	Dollars	Dollars
All industries, total.....	<sup>2</sup> 1939	460	16,842	11,350,234	75,459,014	133,655,947	58,196,933
	<sup>3</sup> 1919	496	9,969	6,030,703	31,144,130	133,006,412	51,962,282
	<sup>3</sup> 1909	500	5,904	2,108,003	25,829,309	47,403,880	21,774,571
	<sup>3</sup> 1899	222	3,655	1,473,000	12,261,000	23,354,000	11,103,000
Food and kindred products: <sup>4</sup>							
Bakery products.....	1939	75	533	412,058	1,621,458	2,939,927	1,318,460
	1919	30	195	87,958	826,538	1,129,294	302,456
	1909	46	107	35,500	210,575	343,520	123,945
	1899	8	4	1,000	5,000	10,000	5,000
Beverages, alcoholic (distilled liquors, malt liquors, sake, and wines) <sup>5</sup>	1939	9	254	249,569	705,194	2,118,907	1,413,713
Beverages, nonalcoholic.....	1939	27	121	97,555	356,302	816,235	469,933
	1919	32	157	88,534	251,763	518,569	260,800
	1909	22	83	35,391	74,312	194,273	119,901
	1899	7	35	11,000	25,000	89,000	64,000
Cane sugar <sup>6</sup> .....	1939	35	4,371	2,804,420	30,482,432	49,250,987	18,768,555
	1919	43	9,143	2,027,128	45,897,011	80,236,244	34,339,233
	1909	46	2,517	781,280	18,542,075	35,949,822	17,407,747
	1899	44	2,369	748,000	9,778,000	10,265,000	9,477,000
Coffee, deparchementizing..	1939	9	39	10,555	401,422	404,321	62,890
	1919	10	39	20,516	875,463	1,050,752	175,289
	1909	5	71	12,100	250,705	297,263	46,558
	1899	6	47	0,000	60,000	95,000	35,000
Confectionery.....	1939	9	25	17,891	56,176	98,318	42,142
	<sup>7</sup> 1919	20	102	51,279	393,147	537,330	194,183
	1909	6	21	6,330	23,574	43,162	10,588
Fruit canning and preserving.....	1939	18	7,949	4,577,897	24,540,416	48,602,282	24,142,806
	1919	9	2,855	1,391,522	10,772,745	18,997,975	8,225,230
	1909	10	816	174,502	920,591	1,561,073	664,482
Canned pineapple and pineapple juice.....	1939	9	7,900	4,552,667	24,462,105	48,540,806	24,078,701
Jellies, preserves, etc.....	1939	9	40	25,200	87,311	151,476	64,166
Ice cream.....	1939	10	111	89,004	508,154	1,262,777	664,023
Ice, manufactured.....	1939	6	66	85,797	42,940	228,042	185,702
	1909	5	40	23,063	21,386	107,111	85,725
	1899	4	19	12,000	16,000	57,000	41,000
Macaroni and noodles.....	1939	8	26	16,409	40,503	86,067	45,564
	1919	4	17	8,938	70,517	97,790	21,282
Native foods.....	1939	56	121	64,080	331,861	590,010	267,140
Fish cakes.....	1939	4	26	18,967	67,921	110,005	42,084
Poi.....	1939	34	86	30,283	173,283	343,501	170,278
Sugar and rice cakes.....	1939	8	4	2,184	68,725	105,136	36,411
Tofu.....	1939	10	5	3,646	21,932	40,308	18,376
Pickled fruits and vegetables; vegetable sauces.....	1939	6	4	837	16,390	38,224	21,834
	1919	3	4	1,447	22,816	34,481	11,065
	1909	6	13	2,522	17,138	33,572	16,439
Potato chips; taro chips..	1939	6	17	9,433	23,621	45,372	21,751

<sup>1</sup> Value of products less cost of materials, etc., fuel, and purchased electric energy.

<sup>2</sup> Figures cover the 12 months ended Sept. 30, 1939.

<sup>3</sup> Figures include data for coffee roasting and spice grinding which are no longer treated as manufacturing activities.

<sup>4</sup> Except canned tuna, rice polishing, vegetable oils, and sirups. See footnote 14.

<sup>5</sup> Combined to avoid disclosing, exactly or approximately, any data for individual establishments or companies.

<sup>6</sup> Figures for this industry relate solely to sugar mills, and do not include data for sugarcane plantations.

<sup>7</sup> Reported as confectionery and ice cream.

## No. 917.—HAWAII—MANUFACTURES, BY INDUSTRIES: 1899 TO 1939—Con.

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, and electric energy	Value of products	Value added by manufacture <sup>1</sup>
				<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Chemicals and fertilizers.....	1939	6	189	180,984	1,525,294	2,100,108	634,814
Clothing, men's and women's (including men's shirts).....	1939	7	190	89,125	352,179	555,780	203,001
	1919	15	26	11,868	37,960	79,402	41,442
	1909	4	3	000	3,985	7,630	3,645
Footwear.....	1939	6	34	17,899	55,178	88,920	33,751
	1919	12	23	12,513	33,022	64,419	30,797
	1909	14	31	17,159	78,120	126,475	48,355
	1899	14	39	11,000	20,060	47,000	27,000
Furniture.....	1939	13	79	76,190	126,125	286,796	160,671
	1919	5	10	9,345	8,523	26,199	20,046
	1909	6	54	14,741	38,663	69,752	31,089
Furniture, household (except upholstered).....	1939	5	17	17,100	35,050	66,535	31,535
Furniture, upholstered.....	1939	4	34	28,088	54,629	128,458	73,829
Furniture and fixtures, office and store.....	1939	4	29	30,996	36,446	91,753	55,307
Jewelry; silverware; electroplating.....	1939	8	28	20,447	21,757	106,419	84,662
	1919	6	36	26,414	46,432	107,963	61,531
	1909	6	54	24,143	51,006	111,336	60,320
Mattresses and bed springs..	1939	5	18	11,610	56,677	94,065	37,928
	1919	5	15	11,844	30,389	54,035	23,646
	1909	6	21	7,511	16,137	37,908	21,771
Picture frames; Venetian blinds.....	1939	4	36	31,722	82,572	155,984	73,412
Planing-mill products <sup>10</sup> .....	1939	8	136	167,037	414,623	740,805	326,132
	1919	8	135	118,717	422,916	612,906	189,990
	1909	8	254	109,647	97,459	281,325	183,866
	1899	3	35	22,000	42,000	91,000	49,000
Printing, publishing, and allied industries.....	1939	56	783	880,421	963,976	4,147,337	3,183,361
	1919	49	576	407,055	349,058	1,388,955	989,897
	1909	37	319	146,830	98,484	484,779	336,295
	1899	10	132	22,000	33,000	200,000	167,000
Newspaper publishing and printing, or publishing only.....	1939	26	573	639,178	570,920	2,923,133	2,357,218
Periodical publishing and printing, or publishing only.....	1939	5	8	5,293	19,001	42,073	23,072
Book publishing and printing, or publishing only; job printing; lithographing; photo-engraving.....	1939	25	203	238,950	374,055	1,177,126	803,071
Signs, neon.....	1939	3	7	8,492	19,528	45,766	20,238
Soap.....	1939	3	3	1,639	8,592	20,347	11,755
Steel, structural; iron and nonferrous castings; machine-shop products.....	1939	6	78	97,439	132,708	316,214	183,506

<sup>1</sup> Value of products less cost of materials, etc., fuel, and purchased electric energy.<sup>2</sup> Jewelry, 6 establishments; silverware, 1; electroplating, 1.<sup>3</sup> Picture frames, 3 establishments; Venetian blinds, 1.<sup>4</sup> Products of planing mills not operated in conjunction with sawmills.<sup>5</sup> Book publishing and printing, or publishing only, 21 establishments; job printing, 1; lithographing, 1; photo-engraving, 2.<sup>6</sup> Steel, structural, 4 establishments; iron and nonferrous castings, 1; machine-shop products, 1.



No. 917.—HAWAII—MANUFACTURES, BY INDUSTRIES: 1899 TO 1939—Con.

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, and electric energy	Value of products	Value added by manufacture <sup>1</sup>
Stone products; lime; pottery; concrete products....	1939	<sup>13</sup> 7	122	<i>Dollars</i> 107,366	<i>Dollars</i> 440,146	<i>Dollars</i> 810,871	<i>Dollars</i> 370,725
Wood products, not elsewhere classified.....	1939	8	95	50,826	37,365	108,576	71,211
All other industries.....	1939	<sup>14</sup> 46	1,407	1,081,672	11,096,425	17,376,341	5,370,916
	1919	245	2,636	2,361,687	21,098,930	28,157,119	7,053,189
	1909	273	1,450	716,624	5,170,104	7,774,880	2,604,776
	1899	126	975	637,000	2,272,000	3,510,000	1,238,000

<sup>1</sup> Value of products less cost of materials, etc., fuel, and purchased electric energy.<sup>13</sup> Stone products, 2 establishments; lime, 2; pottery, 1; concrete products, 2.<sup>14</sup> Boats, building, and repairing 5 establishments; brooms, 2; butter and cheese, 3; canned tuna, 3; caskets, 1; cushions, pillows, and quilts, 1; drugs, medicines, perfumes, 3; insulation board, 1; lighting fixtures, 1; machinery, farm, 1; machinery, sugar-mill, 1; mats, 1; meat packing, sausage manufacturing, 4; paper goods, 5; prepared feeds, 1; rice cleaning and polishing, 2; skirts, hula, 1; suitcases and trunks, 1; tin cans, 7; vegetable oils and syrups, 2. Figures for these industries are combined to avoid disclosing the data reported by individual establishments.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census preliminary releases.

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	Kilo-grams
Wheat flour, barley flour, rye flour, and corn meal (net) <sup>1</sup> .....	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) <sup>1</sup> .....	376	170.65

<sup>1</sup> Except as noted in the tables.

OFFICIAL WEIGHTS OF THE UNITED STATES BUSHEL

	Pounds	Kilo-grams
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.....	67	25.86
Rough rice.....	45	20.41
Malt.....	34	15.42
Oats.....	82	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	Kilo-grams	Pounds	Kilo-grams
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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