AGRICULTURE, FORESTRY, AND FISHERIES.

No. 97.—FARMS, FARM LAND, AND FARM PROPERTY OF THE UNITED STATES: JUNE, 1900, AND APRIL, 1910.

[Source: Bureau of the Census, Department of Commerce.]

	June 1, 1900.	Apr. 15, 1910.	Increase.	
			Amount.	Per cent.
Urban population [1]	31,609,645	42,623,383	11,013,738	34.8
Rural population [2]	44,384,930	49,348,883	4,963,953	11.2
Total	75,994,575	91,972,266	15,977,691	21.0
Number of all farms	5,737,372	6,361,502	624,130	10.9
Land area of the country ... acres	1,903,461,760	1,903,289,600	[3] [4] 172,160	.....
Improved land in farms ... do	414,498,487	478,451,750	63,953,263	15.4
Unimproved land in farms ... do	424,093,287	400,346,575	[4] 23,746,712	[4] 5.6
Total ... do	838,591,774	878,798,325	40,206,551	4.8
Average acreage per farm:				
Improved land	72.3	75.2	3.0	4.2
Unimproved land	73.9	62.9	[4] 11.0	[4] 14.9
Total	146.2	138.1	[4] 8.0	[4] 5.5
Per cent of total land area in farms:				
Improved	21.8	25.1	.....	.....
Unimproved	22.3	21.0	.....	.....
Total	44.1	46.1	.....	.....
Per cent of land in farms:				
Improved	49.4	54.4	.....	.....
Unimproved	50.6	45.6	.....	.....
Value of farm property:				
Land ... dollars	13,058,007,995	28,475,674,169	15,417,666,174	118.1
Buildings ... do	3,556,639,496	6,325,451,528	2,768,812,032	77.8
Implements and machinery ... do	749,775,970	1,265,149,783	515,373,813	68.7
Domestic animals, poultry, and bees ... dollars	3,075,477,703	4,925,173,610	1,849,695,907	60.1
Total ... do	20,439,901,164	40,991,449,090	20,551,547,926	100.5
Average value per farm:				
Land ... dollars	2,276	4,476	2,200	96.7
Buildings ... do	620	994	374	60.3
Implements and machinery ... do	131	199	68	51.9
Domestic animals, poultry, and bees ... dollars	536	774	238	44.4
Total ... do	3,563	6,444	2,881	80.9
Average value per acre of land in farms:				
Land ... dollars	15.57	32.40	16.83	108.1
Buildings ... do	4.24	7.20	2.96	69.8
Implements and machinery ... do	0.89	1.44	0.55	61.8
Domestic animals, poultry, and bees ... dollars	3.67	5.60	1.93	52.6
Total ... do	24.37	46.64	22.27	91.4

[1] Population of incorporated places having 2,500 or more inhabitants in 1910. The figure for 1900 does not represent the urban population according to that census, but denotes the population in that year of the territory classified as urban in 1910.

[2] Total, exclusive of urban. (See note 1.)

[3] While the drainage of lakes and swamps in Illinois and Indiana caused some increase in total acreage between 1900 and 1910, the building of the Roosevelt and Laguna Reservoirs and the formation of the Salton Sea in California resulted in a net decrease of total acreage as indicated.

[4] Decrease.

No. 98.—NUMBER AND ACREAGE OF FARMS AND NUMBER OF ACRES IMPROVED AND UNIMPROVED: By States and by Geographic Divisions, 1890, 1900, and 1910.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	Census year.	Number of farms.[1]	Number of acres in farms.				Per cent of farm land improved.
			Improved.	Unimproved.	Total.	Average number of acres to a farm.	
Alabama	1890	157,772	7,698,343	12,154,657	19,853,000	125.8	38.8
	1900	223,220	8,654,991	12,030,436	20,685,427	92.7	41.8
	1910	262,901	9,693,581	11,038,781	20,732,312	78.9	46.8
Arizona	1890	1,426	104,128	1,192,905	1,297,033	909.6	8.0
	1900	5,809	254,521	1,680,806	1,935,327	333.2	13.2
	1910	9,227	350,173	896,440	1,246,613	135.1	28.1
Arkansas	1890	124,760	5,475,043	9,416,313	14,891,356	119.4	36.8
	1900	178,694	6,953,735	9,682,984	16,636,719	93.1	41.8
	1910	214,678	8,076,254	9,339,821	17,416,075	81.1	46.4
California	1890	52,894	12,222,889	9,204,454	21,427,293	405.0	57.0
	1900	72,542	11,958,837	16,870,114	28,828,951	397.4	41.5
	1910	88,197	11,389,894	16,541,550	27,931,444	316.7	40.8
Colorado	1890	16,389	1,823,520	2,775,421	4,598,941	280.6	39.7
	1900	24,700	2,273,968	7,200,620	9,474,588	383.6	24.0
	1910	46,170	4,302,101	9,230,012	13,532,113	293.1	31.8
Connecticut	1890	26,850	1,379,419	874,013	2,253,432	85.5	61.2
	1900	26,948	1,064,525	1,247,558	2,312,083	85.8	46.0
	1910	26,815	988,252	1,197,536	2,185,788	81.5	45.2
Delaware	1890	9,381	762,655	293,037	1,055,692	112.5	72.2
	1900	9,687	754,010	312,218	1,066,228	110.1	70.7
	1910	10,836	713,538	325,328	1,038,866	95.9	68.7
District of Columbia	1890	382	9,898	1,847	11,745	30.7	84.3
	1900	269	5,934	2,555	8,489	31.6	69.9
	1910	217	5,133	930	6,063	27.9	84.7
Florida	1890	34,228	1,145,693	2,528,793	3,674,486	107.4	31.2
	1900	40,814	1,511,653	2,852,238	4,363,891	106.9	34.6
	1910	50,016	1,805,408	3,448,130	5,253,538	105.0	34.4
Georgia	1890	171,071	9,582,866	15,617,569	25,200,435	147.3	38.0
	1900	224,691	10,615,644	15,776,413	26,392,057	117.5	40.2
	1910	291,027	12,298,017	14,655,396	26,953,413	92.6	45.6
Idaho	1890	6,603	606,362	695,894	1,302,256	197.2	46.6
	1900	17,471	1,413,118	1,791,785	3,204,903	183.4	44.1
	1910	30,807	2,778,740	2,504,864	5,283,604	171.5	52.6
Illinois	1890	240,681	25,669,060	4,829,217	30,498,277	126.7	84.2
	1900	264,151	27,699,219	5,095,509	32,794,728	124.2	84.5
	1910	251,872	28,048,323	4,474,614	32,522,937	129.1	86.2
Indiana	1890	198,167	15,107,482	5,255,034	20,362,516	102.8	74.2
	1900	221,897	16,680,358	4,939,265	21,619,623	97.4	77.2
	1910	215,485	16,931,252	4,368,571	21,299,823	98.8	79.5
Indian Territory[2]	1900	45,505	3,062,193	4,206,888	7,269,081	159.7	42.1
Iowa	1890	201,903	25,428,399	5,062,642	30,491,541	151.0	83.4
	1900	228,622	29,897,552	4,676,785	34,574,337	151.2	86.5
	1910	217,044	29,491,199	4,439,489	33,930,688	156.3	86.9
Kansas	1890	166,617	22,303,301	7,911,155	30,214,456	181.3	73.8
	1900	173,098	25,040,550	16,622,420	41,662,970	240.7	60.1
	1910	177,841	29,904,067	13,480,732	43,384,799	244.0	68.9
Kentucky	1890	179,264	11,818,882	9,593,347	21,412,229	119.4	55.2
	1900	234,667	13,741,968	8,237,454	21,979,422	93.7	62.5
	1910	259,185	14,354,471	7,834,656	22,189,127	85.6	64.7
Louisiana	1890	69,294	3,774,668	5,769,551	9,544,219	137.7	39.5
	1900	115,969	4,666,532	6,392,595	11,059,127	95.4	42.2
	1910	120,546	5,276,016	5,163,465	10,439,481	86.6	50.5
Maine	1890	62,013	3,044,666	3,135,259	6,179,925	99.7	49.3
	1900	59,299	2,986,889	3,913,057	6,299,946	106.2	37.9
	1910	60,016	2,860,657	3,936,202	6,296,859	104.9	37.5
Maryland	1890	40,798	3,412,908	1,539,482	4,952,390	121.4	68.9
	1900	46,012	3,516,352	1,653,723	5,170,075	112.4	68.0
	1910	48,928	3,354,767	1,702,373	5,057,140	103.4	66.3
Massachusetts	1890	34,374	1,657,024	1,341,258	2,998,282	87.2	55.3
	1900	37,715	1,292,182	1,854,982	3,147,064	83.4	41.1
	1910	36,917	1,164,501	1,711,440	2,875,941	77.9	40.5

[1] For 1890 farms of less than 3 acres which reported the sale of products of less than $500 in the census year are not included.

[2] Consolidated with Oklahoma in 1907.

No. 98.—NUMBER AND ACREAGE OF FARMS AND NUMBER OF ACRES IMPROVED AND UNIMPROVED: BY STATES AND BY GEOGRAPHIC DIVISIONS, 1890, 1900, AND 1910—Con.

State.	Census year.	Number of farms.	Number of acres in farms.				Per cent of farm land improved.
			Improved.	Unimproved.	Total.	Average number of acres to a farm.	
Michigan	1890	172,344	9,865,350	4,920,286	14,785,636	85.8	66.7
	1900	203,261	11,799,250	5,762,448	17,561,698	86.4	67.2
	1910	206,960	12,832,078	6,108,536	18,940,614	91.5	67.8
Minnesota	1890	116,851	11,127,953	7,535,692	18,663,645	159.7	59.6
	1900	154,659	18,442,585	7,805,913	26,248,498	169.7	70.3
	1910	156,137	19,643,533	8,032,290	27,675,823	177.3	71.0
Mississippi	1890	144,318	6,849,390	10,723,157	17,572,547	121.8	39.0
	1900	220,808	7,594,428	10,646,308	18,240,736	82.6	41.6
	1910	274,332	9,008,310	9,549,223	18,557,533	67.6	48.5
Missouri	1890	238,048	19,792,313	10,987,977	30,780,290	129.3	64.3
	1900	284,886	22,999,043	11,997,830	33,997,873	119.3	67.4
	1910	277,244	24,581,186	10,010,062	34,591,248	124.8	71.1
Montana	1890	5,603	915,517	1,048,680	1,964,197	350.6	46.6
	1900	13,370	1,736,701	10,107,753	11,844,454	885.9	14.7
	1910	26,214	3,640,309	9,905,294	13,545,603	516.7	26.9
Nebraska	1890	113,608	15,247,705	6,345,739	21,593,444	190.1	70.6
	1900	121,525	18,432,595	11,479,184	29,911,779	246.1	61.6
	1910	129,678	24,382,577	14,239,444	38,622,021	297.8	63.1
Nevada	1890	1,277	723,052	938,364	1,661,416	1,301.0	43.5
	1900	2,184	572,946	1,992,701	2,565,647	1,174.7	22.3
	1910	2,689	752,117	1,962,640	2,714,757	1,009.6	27.7
New Hampshire	1890	29,151	1,727,387	1,731,631	3,459,018	118.7	49.9
	1900	29,324	1,076,879	2,532,985	3,609,864	123.1	29.8
	1910	27,053	929,185	2,320,273	3,249,458	120.1	28.6
New Jersey	1890	30,828	1,990,117	662,892	2,662,009	86.4	75.1
	1900	34,660	1,977,042	863,924	2,840,966	82.0	69.6
	1910	33,487	1,803,336	770,521	2,573,857	76.9	70.1
New Mexico	1890	4,458	263,106	524,776	787,882	176.7	33.4
	1900	12,311	326,873	4,804,005	5,130,878	416.8	6.4
	1910	35,676	1,467,191	9,802,830	11,270,021	315.9	13.0
New York	1890	226,223	16,389,330	5,572,132	21,961,562	97.1	74.6
	1900	226,720	15,599,986	7,048,123	22,648,109	99.9	68.9
	1910	215,597	14,844,039	7,186,328	22,030,367	102.2	67.4
North Carolina	1890	178,359	7,828,569	14,823,327	22,651,896	127.0	34.6
	1900	224,637	8,327,106	14,422,250	22,749,356	101.3	36.6
	1910	253,725	8,813,056	13,626,073	22,439,129	88.4	39.3
North Dakota	1890	27,611	4,658,015	3,002,318	7,660,333	277.4	60.8
	1900	45,332	9,644,520	5,898,120	15,542,640	342.9	62.1
	1910	74,360	20,455,092	7,971,558	28,426,650	382.3	72.0
Ohio	1890	251,430	18,338,824	5,018,584	23,352,408	92.9	78.5
	1900	276,719	19,244,472	5,257,513	24,501,985	88.5	78.5
	1910	272,045	19,227,969	4,877,739	24,105,708	88.6	79.8
Oklahoma	1890	8,826	563,728	1,042,695	1,606,423	182.0	35.1
	1900	62,495	5,511,994	10,207,264	15,719,258	251.5	35.1
	[1]1910	190,192	17,551,337	11,308,016	28,859,353	151.7	60.8
Oregon	1890	25,530	3,516,000	3,393,888	6,909,888	270.7	50.9
	1900	85,837	3,328,308	6,743,020	10,071,328	281.0	33.6
	1910	45,502	4,274,803	7,410,307	11,685,110	256.8	36.0
Pennsylvania	1890	211,557	13,210,597	5,153,773	18,364,370	86.8	71.9
	1900	224,248	13,209,183	6,161,832	19,371,015	86.4	68.2
	1910	219,295	12,673,519	5,913,313	18,586,832	84.8	68.2
Rhode Island	1890	5,500	274,491	194,790	469,281	85.3	58.5
	1900	5,498	187,354	268,248	455,602	82.9	41.1
	1910	5,292	178,344	264,964	443,308	83.8	40.2
South Carolina	1890	115,008	5,255,237	7,929,415	13,184,652	114.6	39.9
	1900	155,355	5,775,741	8,209,273	13,985,014	90.0	41.3
	1910	176,484	6,097,999	7,414,029	13,512,028	76.6	45.1
South Dakota	1890	50,158	6,959,293	4,437,167	11,396,460	227.2	61.1
	1900	52,622	11,285,983	7,784,633	19,070,616	362.4	59.2
	1910	77,644	15,827,208	10,189,684	26,016,892	335.1	60.8
Tennessee	1890	174,412	9,362,555	10,799,028	20,161,583	115.6	46.4
	1900	224,623	10,245,960	10,096,108	20,342,068	90.6	50.4
	1910	246,012	10,890,484	9,151,173	20,041,657	81.5	54.3

[1] Includes Indian Territory, consolidated with Oklahoma in 1907.

No. 98.—Number and Acreage of Farms and Number of Acres Improved and Unimproved: By States and by Geographic Divisions, 1890, 1900, and 1910—Con.

State.	Census year.	Number of farms.	Number of acres in farms.				Per cent of farm land improved.
			Improved.	Unimproved.	Total.	Average number of acres to a farm.	
Texas	1890	228,126	20,746,215	30,660,722	51,406,937	225.3	40.4
	1900	352,190	19,576,076	106,230,941	125,807,017	357.2	15.6
	1910	417,770	27,360,666	85,074,401	112,435,067	269.1	24.3
Utah	1890	10,517	548,223	775,482	1,323,705	125.9	41.4
	1900	19,387	1,032,117	3,084,834	4,116,951	212.4	25.1
	1910	21,676	1,368,211	2,029,488	3,397,699	156.7	40.3
Vermont	1890	32,573	2,655,943	1,739,703	4,395,646	134.9	60.4
	1900	33,104	2,126,624	2,597,816	4,724,440	142.7	45.0
	1910	32,709	1,633,965	3,029,612	4,663,577	142.6	35.0
Virginia	1890	127,600	9,125,545	9,979,406	19,104,951	149.7	47.8
	1900	167,886	10,094,805	9,813,078	19,907,883	118.6	50.7
	1910	184,018	9,870,058	9,625,578	19,495,636	105.9	50.6
Washington	1890	18,056	1,820,832	2,358,358	4,179,190	231.4	43.6
	1900	33,202	3,465,960	5,033,337	8,499,297	256.0	40.8
	1910	56,192	6,373,311	5,338,924	11,712,235	208.4	54.4
West Virginia	1890	72,773	4,554,000	5,767,326	10,321,326	141.8	44.1
	1900	92,874	5,498,981	5,155,532	10,654,513	114.7	51.6
	1910	96,685	5,521,757	4,504,685	10,026,442	103.7	55.1
Wisconsin	1890	146,409	9,793,931	6,994,057	16,787,988	114.7	58.3
	1900	169,795	11,246,972	8,615,755	19,862,727	117.0	56.6
	1910	177,127	11,907,606	9,152,460	21,060,066	118.9	56.5
Wyoming	1890	3,125	476,881	1,353,601	1,830,432	585.7	26.1
	1900	6,095	792,332	7,332,204	8,124,536	1,333.0	9.8
	1910	10,937	1,256,160	7,286,850	8,543,010	777.6	14.7
Total	1890	4,564,641	357,616,755	265,601,864	623,218,619	136.5	57.4
	1900	5,737,372	414,498,487	424,093,287	838,591,774	146.2	49.4
	1910	6,361,502	478,451,750	400,346,575	878,798,325	138.1	54.4
Geographic divisions.[1]							
New England	1890	189,961	10,738,930	9,016,654	19,755,584	104.0	54.4
	1900	191,888	8,134,403	12,414,596	20,548,999	107.1	39.6
	1910	188,802	7,254,904	12,460,027	19,714,931	104.4	36.8
Middle Atlantic	1890	468,608	31,599,094	11,388,847	42,987,941	91.7	73.5
	1900	485,618	30,786,211	14,073,879	44,860,090	92.4	68.6
	1910	468,379	29,320,894	13,870,162	43,191,056	92.2	67.9
East North Central	1890	1,009,031	78,774,647	27,012,178	105,786,825	104.8	74.5
	1900	1,135,823	86,670,271	29,670,490	116,340,761	102.4	74.5
	1910	1,123,489	88,947,228	28,981,920	117,929,148	105.0	75.4
West North Central	1890	914,791	105,517,479	45,282,690	150,800,169	164.8	70.0
	1900	1,060,744	135,643,828	65,364,885	201,008,713	189.5	67.5
	1910	1,109,948	164,284,862	68,363,259	232,648,121	209.6	70.6
South Atlantic	1890	749,600	41,677,371	58,480,202	100,157,573	133.6	41.6
	1900	962,225	46,100,226	58,197,280	104,297,506	108.4	44.2
	1910	1,111,881	48,479,733	55,302,522	103,782,255	93.3	46.7
East South Central	1890	655,766	35,729,170	43,270,189	78,999,359	120.5	45.2
	1900	903,313	40,237,337	41,010,306	81,247,643	89.9	49.5
	1910	1,042,480	43,946,846	37,573,783	81,520,629	78.2	53.9
West South Central	1890	431,006	30,559,654	46,889,281	77,448,935	179.7	39.5
	1900	754,853	39,770,530	136,720,672	176,491,202	233.8	22.5
	1910	943,136	53,264,273	110,885,703	169,149,976	179.3	34.4
Mountain	1890	49,398	5,460,739	9,305,123	14,765,862	298.9	37.0
	1900	101,327	8,402,576	37,994,708	46,397,284	457.9	18.1
	1910	138,446	15,915,002	43,618,418	59,533,420	324.5	26.7
Pacific	1890	96,480	17,559,671	14,956,700	32,516,371	337.0	54.0
	1900	141,581	18,753,105	28,646,471	47,399,576	334.8	39.6
	1910	189,891	22,038,008	29,290,781	51,328,789	270.3	42.9
Alaska	1900	12	159	.....	159	13.2	100.0
	1910	222	2,660	39,884	42,544	191.6	6.3
Hawaii	1900	2,273	294,545	2,315,068	2,609,613	1,148.1	11.3
	1910	4,320	305,053	2,285,547	2,590,600	599.7	11.8
Porto Rico	1910	58,371	1,570,304	514,858	2,085,162	35.7	75.3

[1] For States included in each division, see note 5, p. 32.

No. 99.—NUMBER AND ACREAGE OF FARMS AND NUMBER OF ACRES IMPROVED AND UNIMPROVED: CENSUS YEARS 1850 TO 1910.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Census year.	Number of farms.	Number of acres in farms.				Per cent of farm land—	
		Improved.	Unimproved.	Total.	Average number of acres to a farm.	Improved.	Unimproved.
1850	1,449,073	113,082,614	180,528,000	293,560,614	202.6	38.5	61.5
1860	2,044,077	163,110,720	244,101,818	407,212,538	199.2	40.1	59.9
1870 [1]	2,659,985	188,921,099	218,813,942	407,735,041	153.3	46.3	53.7
1880 [1]	4,008,907	284,771,042	251,310,793	536,081,835	133.7	53.1	46.9
1890 [1]	4,564,641	357,616,755	265,601,864	623,218,619	136.5	57.4	42.6
1900 [2]	5,737,372	414,498,487	424,093,287	838,591,774	146.2	49.4	50.6
1910 [3]	6,361,502	478,451,750	400,346,575	878,798,325	138.1	54.4	45.6

[1] Not including farms of less than 3 acres which reported the sale of less than $500 worth of products in the census year.

[2] Exclusive of Alaska and Hawaii.

[3] Exclusive of Alaska, Hawaii, and Porto Rico.

No. 100.—VALUE OF FARM PROPERTY: BY STATES AND BY GEOGRAPHIC DIVISIONS, 1890, 1900, AND 1910.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	Census year.	Land.	Buildings.	Implements and machinery.	Live stock.	All farm property.
		Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alabama	1890	[1] 111,051,390	(1)	4,511,645	30,776,730	146,339,765
	1900	100,165,571	34,452,612	8,675,900	36,105,799	179,399,882
	1910	216,944,175	71,399,416	16,290,004	65,594,834	370,138,429
Arizona	1890	[1] 7,222,230	(1)	196,580	[2] 13,227,453	[2] 20,646,263
	1900	11,416,460	2,266,500	765,200	15,545,687	29,993,847
	1910	42,349,737	4,995,573	1,787,790	26,050,870	75,123,970
Arkansas	1890	[1] 118,574,422	(1)	5,672,400	30,772,880	155,019,702
	1900	105,106,650	30,075,520	8,750,060	37,483,771	181,416,001
	1910	246,021,450	63,145,363	16,864,198	74,058,292	400,089,303
California	1890	[1] 697,116,630	(1)	14,089,710	[2] 65,575,427	[2] 777,381,767
	1900	630,444,960	77,468,000	21,311,670	67,303,325	796,527,955
	1910	1,317,195,448	133,406,040	36,493,158	127,599,998	1,614,694,584
Colorado	1890	[1] 85,035,180	(1)	2,728,850	[2] 29,675,528	[2] 117,439,558
	1900	90,341,523	16,002,512	4,746,755	49,954,311	161,045,101
	1910	362,822,205	45,696,656	12,791,601	70,161,344	491,471,806
Connecticut	1890	[1] 95,000,595	(1)	3,075,495	9,974,618	108,050,708
	1900	52,441,508	44,983,560	4,948,300	10,932,212	113,305,580
	1910	72,205,058	66,113,163	6,916,648	14,103,902	159,399,771
Delaware	1890	[1] 30,586,080	(1)	1,835,570	4,198,810	45,620,460
	1900	23,768,820	10,657,220	2,150,560	4,111,054	40,697,654
	1910	34,938,161	18,217,822	3,205,095	6,817,123	63,179,201
District of Columbia	1890	[1] 6,471,120	(1)	79,760	129,120	6,680,000
	1900	9,700,230	1,573,760	136,060	125,326	11,535,376
	1910	7,198,950	1,057,398	92,350	152,840	8,476,533
Florida	1890	[1] 72,745,180	(1)	1,158,040	7,142,980	81,046,200
	1900	30,823,016	9,976,822	1,963,210	11,166,016	53,929,064
	1910	98,733,065	24,407,924	4,446,007	20,591,187	143,188,183
Georgia	1890	[2] 152,006,230	(1)	5,764,978	31,477,990	189,249,198
	1900	138,515,430	44,854,690	9,804,010	35,200,507	228,374,637
	1910	370,353,415	108,850,917	20,948,056	80,393,993	580,546,381
Idaho	1890	[1] 17,431,580	(1)	1,172,460	7,253,490	25,857,530
	1900	35,486,368	6,831,815	3,295,045	21,657,974	67,271,202
	1910	219,959,316	25,112,509	10,476,651	49,775,309	305,317,185
Illinois	1890	[1] 1,262,870,587	(1)	24,456,988	180,431,662	1,477,759,187
	1900	1,514,113,970	251,467,580	44,977,310	193,758,037	2,004,316,897
	1910	3,096,411,148	432,381,422	73,724,071	303,804,431	3,905,321,075

[1] Land and buildings not separately stated for 1890.

[2] Including estimated value of range animals.

No. 100.—VALUE OF FARM PROPERTY: BY STATES AND BY GEOGRAPHIC DIVISIONS, 1890, 1900, AND 1910—Continued.

State.	Census year.	Land.	Buildings.	Implements and machinery.	Live stock.	All farm property.
		Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Indiana	1890	[1] 754,789,110	(1)	21,172,255	93,361,422	869,322,787
	1900	687,633,460	154,101,880	27,330,370	109,550,761	978,616,471
	1910	1,328,196,545	266,079,051	40,999,541	173,860,101	1,809,135,238
Indian Territory [2]	1890	.....	.....	.....	[3] 5,976,729	[3] 5,976,729
	1900	89,188,250	7,675,190	3,939,480	41,378,695	92,181,615
Iowa	1890	[1] 857,581,022	(1)	36,665,315	206,436,242	1,100,682,579
	1900	1,256,751,980	240,802,810	57,960,660	278,830,096	1,834,345,546
	1910	2,801,973,729	455,405,671	95,477,948	393,003,196	3,745,860,544
Kansas	1890	[1] 559,726,046	(1)	18,869,790	128,068,305	706,664,141
	1900	532,187,610	111,465,160	29,490,580	190,956,936	864,100,286
	1910	1,537,976,573	199,579,599	48,310,161	253,523,577	2,039,389,910
Kentucky	1890	[1] 346,339,360	(1)	10,906,506	70,924,400	428,170,266
	1900	291,117,430	90,887,460	15,301,860	73,739,106	471,045,856
	1910	484,464,617	150,994,755	20,851,846	117,486,662	773,797,880
Louisiana	1890	[1] 85,381,270	(1)	7,167,355	17,898,380	110,447,005
	1900	107,730,210	33,400,400	28,536,790	28,869,506	198,536,906
	1910	187,803,277	49,741,173	18,977,053	44,699,485	301,220,988
Maine	1890	[1] 98,567,730	(1)	5,499,413	18,280,140	122,347,283
	1900	49,359,450	47,142,700	8,802,720	17,106,034	122,410,904
	1910	86,481,395	73,138,231	14,490,533	25,161,839	199,271,998
Maryland	1890	[1] 175,058,550	(1)	6,540,090	19,194,320	200,792,960
	1900	120,367,550	54,810,760	8,611,220	20,855,877	204,645,407
	1910	163,451,614	78,285,509	11,859,771	32,570,134	286,167,028
Massachusetts	1890	[1] 127,538,284	(1)	5,938,940	14,200,178	147,677,402
	1900	86,925,410	71,093,880	8,828,950	15,798,464	182,646,704
	1910	105,532,616	88,686,149	11,563,894	20,741,366	226,474,025
Michigan	1890	[1] 556,190,670	(1)	22,182,600	69,564,985	647,938,255
	1900	423,569,950	158,947,760	28,795,380	79,042,644	690,355,734
	1910	615,258,348	285,879,951	49,916,285	137,803,795	1,088,858,379
Minnesota	1890	[1] 340,059,470	(1)	16,916,473	57,725,683	414,701,626
	1900	559,301,900	110,220,415	30,099,230	89,063,097	788,684,642
	1910	1,019,102,027	243,339,399	52,329,165	161,641,146	1,476,411,737
Mississippi	1890	[1] 127,423,157	(1)	5,968,865	33,936,435	167,328,457
	1900	114,856,660	37,150,340	9,556,805	42,657,222	204,221,027
	1910	254,002,289	80,160,000	16,905,312	75,247,033	426,314,634
Missouri	1890	[1] 625,858,361	(1)	21,880,719	138,701,173	786,390,253
	1900	695,470,723	148,508,490	28,602,680	160,540,004	1,033,121,897
	1910	1,445,982,389	270,221,997	50,873,994	285,839,108	2,052,917,488
Montana	1890	[1] 25,512,340	(1)	1,356,010	[4] 33,266,752	[4] 60,135,102
	1900	52,660,560	9,365,530	3,671,900	52,161,333	117,859,823
	1910	226,771,302	24,854,628	10,539,653	85,663,187	347,828,770
Nebraska	1890	[1] 402,358,918	(1)	16,468,977	92,971,920	511,799,810
	1900	486,605,900	91,054,120	24,940,450	145,349,587	747,950,057
	1910	1,614,539,313	198,307,622	44,249,708	222,222,004	2,079,318,647
Nevada	1890	[1] 12,339,410	(1)	537,480	5,801,820	18,678,710
	1900	13,275,620	2,340,090	888,560	12,169,565	28,673,835
	1910	35,276,599	4,332,740	1,576,096	19,213,930	60,399,365
New Hampshire	1890	[1] 66,162,600	(1)	3,594,850	10,450,125	80,207,575
	1900	35,498,760	34,625,600	5,163,090	10,554,646	85,842,096
	1910	44,519,047	41,897,014	5,877,657	11,910,478	103,704,196
New Jersey	1890	[1] 159,262,840	(1)	7,378,644	15,811,430	182,452,914
	1900	98,360,930	69,230,080	9,330,030	17,612,620	189,533,660
	1910	124,143,167	92,991,352	13,109,507	24,588,639	254,832,665
New Mexico	1890	[1] 8,140,800	(1)	291,140	[4] 25,111,201	[4] 33,543,141
	1900	17,823,709	3,565,105	1,151,610	31,727,400	53,767,824
	1910	98,806,497	13,024,502	4,122,812	43,494,679	159,447,990
New York	1890	[1] 968,127,286	(1)	46,659,465	124,523,965	1,139,310,716
	1900	551,174,220	336,959,960	56,006,000	125,588,715	1,069,728,895
	1910	707,747,828	476,998,001	83,644,822	183,090,844	1,451,481,495
North Carolina	1890	[1] 183,977,010	(1)	7,183,210	25,547,280	216,707,500
	1900	141,955,840	52,700,080	9,072,600	30,106,173	233,834,693
	1910	343,164,945	113,459,662	18,441,619	62,649,984	537,716,210
North Dakota	1890	[1] 75,310,305	(1)	6,648,180	18,787,294	100,745,779
	1900	173,352,270	25,428,430	14,055,560	42,430,491	255,266,751
	1910	780,380,181	92,276,613	43,907,595	108,249,866	974,814,205

[1] Land and buildings not separately stated for 1890.
[2] Consolidated with Oklahoma in 1907.
[3] No report prior to 1900, except estimates of live stock on ranges.
[4] Including estimated value of range animals.

No. 100.—Value of Farm Property: By States and by Geographic Divisions, 1890, 1900, and 1910—Continued.

State.	Census year.	Land.	Buildings.	Implements and machinery.	Live stock.	All farm property.
		Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Ohio	1890	[1] 1,050,031,828	(1)	29,475,346	116,181,690	1,195,688,864
	1900	817,163,710	219,451,470	36,354,150	125,954,616	1,198,923,946
	1910	1,285,894,812	368,257,594	51,210,071	197,332,112	1,902,694,589
Oklahoma	1890	[1] 8,581,170	(1)	433,580	3,206,270	12,221,020
	1900	110,209,650	13,731,585	6,573,015	54,829,568	185,343,818
	[2] 1910	649,066,668	89,610,556	27,088,366	152,432,792	918,198,882
Oregon	1890	[1] 115,819,200	(1)	4,556,770	22,648,830	143,024,800
	1900	113,137,820	19,199,694	6,506,725	33,917,048	172,761,287
	1910	411,696,102	43,880,207	13,205,645	59,461,828	528,243,782
Pennsylvania	1890	[1] 922,240,233	(1)	39,046,855	101,652,758	1,062,939,846
	1900	575,392,940	322,879,810	50,917,240	102,439,183	1,051,629,173
	1910	630,430,010	410,638,745	70,726,055	141,480,052	1,253,274,862
Rhode Island	1890	[1] 21,873,479	(1)	941,030	2,364,970	25,179,479
	1900	13,421,770	9,703,490	1,270,270	2,593,659	26,989,189
	1910	15,009,981	12,922,879	1,781,407	3,276,472	32,990,739
South Carolina	1890	[1] 99,104,600	(1)	4,172,262	16,572,410	119,849,272
	1900	99,805,860	26,955,670	6,629,770	20,199,859	153,591,159
	1910	268,774,854	64,113,227	14,108,853	45,131,380	392,128,314
South Dakota	1890	[1] 107,466,335	(1)	8,371,712	[3] 29,689,509	[3] 145,527,556
	1900	189,206,890	30,926,300	12,218,680	65,173,432	297,526,302
	1910	902,606,751	102,474,056	33,786,973	127,229,200	1,166,096,980
Tennessee	1890	[1] 242,700,540	(1)	9,936,880	60,254,230	312,891,650
	1900	202,013,790	63,136,960	15,282,670	60,818,605	341,202,025
	1910	371,415,783	109,106,804	21,292,171	110,706,078	612,520,836
Texas	1890	[1] 399,971,289	(1)	13,746,541	[3] 138,409,274	[3] 552,127,104
	1900	591,550,802	100,222,811	30,125,705	240,576,955	962,476,273
	1910	1,638,207,135	210,001,260	56,790,260	318,646,509	2,218,645,164
Utah	1890	[1] 28,402,780	(1)	1,164,660	[3] 9,914,766	[3] 39,482,206
	1900	40,126,560	10,651,790	2,922,550	21,474,241	75,175,141
	1910	99,482,164	18,068,168	4,468,178	28,781,691	150,795,201
Vermont	1890	[1] 80,427,490	(1)	4,733,560	16,644,320	101,805,370
	1900	45,813,905	37,257,715	7,538,490	17,841,317	108,451,427
	1910	58,385,327	54,202,948	10,168,687	22,642,766	145,399,728
Virginia	1890	[1] 254,490,600	(1)	6,593,688	33,404,281	294,488,569
	1900	200,615,080	70,968,120	9,911,040	42,026,737	323,515,977
	1910	394,658,912	137,399,150	18,115,883	74,891,438	625,065,383
Washington	1890	[1] 83,461,660	(1)	3,150,200	14,113,110	100,724,970
	1900	99,310,510	16,299,200	6,271,630	22,159,207	144,040,547
	1910	517,421,998	54,546,459	16,709,844	48,865,110	637,543,411
West Virginia	1890	[1] 151,880,300	(1)	3,116,420	23,964,610	178,961,330
	1900	134,269,110	34,026,560	5,040,420	30,571,259	203,907,349
	1910	207,075,759	57,315,195	7,011,513	43,336,073	314,738,540
Wisconsin	1890	[1] 477,524,507	(1)	19,167,010	63,784,377	560,475,894
	1900	530,542,690	155,604,970	29,237,010	96,327,649	811,712,319
	1910	911,938,261	239,694,462	52,956,579	168,529,483	1,413,118,785
Wyoming	1890	[1] 14,460,880	(1)	522,250	[3] 18,785,301	[3] 33,768,431
	1900	23,434,010	3,531,520	1,366,000	39,145,877	67,477,407
	1910	88,908,276	9,007,001	3,668,294	65,605,510	167,189,081
Total	1890	[1] 13,279,252,649	(1)	494,247,467	[3] 2,308,767,573	[3] 16,082,267,689
	1900	13,058,007,995	3,556,639,496	749,775,970	3,075,477,703	20,439,901,164
	1910	28,475,674,169	6,325,451,528	1,265,149,783	4,925,173,610	40,991,449,090
Geographic divisions.[4]						
New England	1890	[1] 489,570,178	(1)	23,788,288	71,914,351	585,267,817
	1900	283,460,803	244,806,945	36,551,820	74,826,332	639,645,900
	1910	382,134,424	336,410,384	50,798,826	97,896,823	867,240,457
Middle Atlantic	1890	[1] 2,049,630,359	(1)	93,084,964	241,988,153	2,384,703,476
	1900	1,219,928,090	729,069,850	116,253,270	245,635,518	2,310,886,728
	1910	1,462,321,005	980,628,098	167,480,384	349,159,535	2,959,589,022
East North Central	1890	[1] 4,101,406,702	(1)	126,454,149	[4] 523,324,136	[4] 4,751,184,987
	1900	3,978,023,780	939,573,660	166,694,220	604,633,707	5,683,925,367
	1910	7,231,699,114	1,642,292,480	268,806,550	976,329,922	10,119,128,066

[1] Land and buildings not separately stated for 1890.
[2] Includes Indian Territory consolidated with Oklahoma in 1907.
[3] Including estimated value of range animals.
[4] For States included in each division, see note 5, p. 32.

No. 100.—Value of Farm Property: By States and by Geographic Divisions, 1890, 1900, and 1910—Continued.

State.	Census year.	Land.	Buildings.	Implements and machinery.	Live stock.	All farm property.
Geographic divisions—Con.		*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
West North Central.	1890	[1] 2,968,360,452	(1)	125,771,166	[2] 672,380,126	[2] 3,766,511,744
	1900	3,892,877,273	758,405,725	197,367,840	972,343,643	5,820,994,481
	1910	10,052,560,913	1,562,104,957	368,935,544	1,551,708,097	13,535,309,511
South Atlantic	1890	[1] 1,135,319,670	(1)	36,444,018	161,631,801	1,333,395,489
	1900	899,820,936	306,528,682	53,318,890	194,362,808	1,454,031,319
	1910	1,883,349,675	603,086,799	98,230,147	366,534,152	2,951,200,773
East South Central.	1890	[1] 827,514,447	(1)	31,323,896	[2] 195,891,795	[2] 1,054,730,138
	1900	708,153,451	225,627,372	48,767,235	213,320,732	1,195,868,790
	1910	1,326,826,864	411,570,975	75,339,333	369,034,607	2,182,771,779
West South Central.	1890	[1] 612,508,151	(1)	27,019,376	[2] 196,263,533	[2] 835,791,560
	1900	953,785,562	185,105,506	77,925,050	403,138,495	1,619,954,613
	1910	2,716,098,530	412,498,352	119,720,377	589,837,078	3,838,154,337
Mountain	1890	[1] 198,545,200	(1)	7,969,430	[2] 143,036,311	[2] 349,550,941
	1900	284,064,810	54,554,862	18,807,620	243,836,888	601,264,180
	1910	1,174,370,096	145,026,777	49,429,975	388,746,520	1,757,573,368
Pacific	1890	[1] 896,397,490	(1)	22,396,680	[2] 102,337,367	[2] 1,021,131,537
	1900	842,893,290	112,966,894	34,090,025	123,379,580	1,113,329,789
	1910	2,246,313,548	231,832,706	66,408,647	235,926,876	2,780,481,777
Alaska	1900	(3)	12,800	690	2,196	15,686
	1910	464,832	402,806	58,568	542,196	1,468,402
Hawaii	1900	56,484,061	3,545,895	11,484,890	2,570,142	74,084,988
	1910	78,132,945	4,798,756	9,024,328	4,407,200	96,363,229
Porto Rico	1910	73,967,852	8,752,573	8,711,449	10,947,000	102,378,874

[1] Land and buildings not separately stated for 1890.
[2] Including estimated value of range animals.
[3] No titles to land.

No. 101.—VALUE OF FARM PROPERTY: Census Years 1850 to 1910.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Census year.	All farm property.	Land.	Buildings.	Implements and machinery.	Live stock.	Per cent of value of all farm property in— Land.	Buildings.	Implements and machinery.	Live stock
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*				
1850	3,967,343,580	[1] 3,271,575,426	(1)	151,587,638	[2] 544,180,516	[1] 82.5	(1)	3.8	13.7
1860	7,980,493,063	[1] 6,645,045,007	(1)	246,118,141	[2] 1,089,329,915	[1] 83.3	(1)	3.1	13.6
1870[3]	8,944,857,749	[1] 7,444,054,462	(1)	270,913,678	[2] 1,229,889,609	[1] 83.2	(1)	3.0	13.7
1880	[4] 12,180,501,538	[1] 10,197,096,776	(1)	406,520,055	[4] 1,576,884,707	[1] 83.7	(1)	3.3	12.9
1890	[4] 16,082,267,689	[1] 13,279,252,649	(1)	494,247,467	[4] 2,308,767,573	[1] 82.6	(1)	3.1	14.4
1900[5]	20,439,901,164	13,058,007,995	3,556,639,496	749,775,970	[6] 3,075,477,703	63.9	17.4	3.7	15.0
1910[7]	40,991,449,090	28,475,674,169	6,325,451,528	1,265,149,789	[6] 4,925,173,610	69.5	15.4	3.1	12.0

[1] Land and buildings not separately stated.
[2] Including only the reported value of live stock on farms.
[3] Gold values.
[4] Including estimated value of live stock on ranges.
[5] Exclusive of Alaska and Hawaii.
[6] Including value of live stock on ranges as well as on farms.
[7] Exclusive of Alaska, Hawaii, and Porto Rico.

No. 102.—IRISH POTATO CROP: ESTIMATED ACREAGE, PRODUCTION, AND VALUE, 1909 TO 1917, AND IN 1918, BY STATES.

[Source: Reports of the Department of Agriculture.]

State.	Total—			Average—		
	Area.	Production.	Farm value Dec. 1.	Farm value per bushel, Dec. 1.	Yield per acre.	Farm value of yield per acre, Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
Alabama	60,000	4,800,000	8,688,000	181	80	144.80
Arizona	5,000	425,000	871,000	205	85	174.25
Arkansas	48,000	2,400,000	4,416,000	184	50	92.00
California	90,000	12,870,000	15,444,000	120	143	171.60
Colorado	72,000	11,376,000	11,262,000	99	158	156.42
Connecticut	26,000	2,470,000	4,076,000	165	95	156.75
Delaware	11,000	957,000	1,340,000	140	87	121.80
Florida	35,000	3,500,000	7,000,000	200	100	200.00
Georgia	23,000	1,610,000	2,978,000	185	70	129.50
Idaho	29,000	5,220,000	4,228,000	81	180	145.80
Illinois	160,000	11,520,000	17,050,000	148	72	106.56
Indiana	97,000	7,760,000	10,476,000	135	80	108.00
Iowa	134,000	9,648,000	12,832,000	133	72	95.76
Kansas	80,000	4,240,000	6,106,000	144	53	76.32
Kentucky	75,000	5,625,000	9,281,000	165	75	123.75
Louisiana	55,000	4,345,000	6,518,000	150	79	118.50
Maine	112,000	22,400,000	26,880,000	120	200	240.00
Maryland	50,000	4,000,000	4,800,000	120	80	96.00
Massachusetts	36,000	4,788,000	8,140,000	170	133	226.10
Michigan	340,000	28,560,000	25,418,000	89	84	74.76
Minnesota	312,000	32,760,000	24,570,000	75	105	78.75
Mississippi	20,000	1,600,000	2,640,000	165	80	132.00
Missouri	114,000	6,954,000	10,640,000	153	61	93.33
Montana	52,000	7,020,000	5,616,000	80	135	108.00
Nebraska	121,000	10,406,000	12,279,000	118	86	101.48
Nevada	9,000	1,539,000	1,893,000	123	171	210.33
New Hampshire	21,000	2,940,000	4,263,000	145	140	203.00
New Jersey	92,000	8,464,000	14,389,000	170	92	156.40
New Mexico	10,000	1,000,000	1,600,000	160	100	160.00
New York	380,000	34,960,000	42,651,000	122	92	112.24
North Carolina	45,000	4,275,000	5,771,000	135	95	128.25
North Dakota	90,000	8,910,000	6,504,000	73	99	72.27
Ohio	160,000	11,040,000	16,560,000	150	69	103.50
Oklahoma	37,000	1,258,000	2,453,000	195	34	66.30
Oregon	50,000	5,500,000	5,500,000	100	110	110.00
Pennsylvania	305,000	24,400,000	36,844,000	151	80	120.80
Rhode Island	5,000	650,000	1,124,000	173	130	224.90
South Carolina	28,000	2,856,000	5,512,000	193	102	196.86
South Dakota	90,000	8,190,000	7,617,000	93	91	84.63
Tennessee	50,000	3,500,000	5,775,000	165	70	115.50
Texas	60,000	3,300,000	6,600,000	200	55	110.00
Utah	20,000	3,600,000	3,492,000	97	180	174.60
Vermont	26,000	3,380,000	4,664,000	138	130	179.40
Virginia	125,000	11,750,000	14,100,000	120	94	112.80
Washington	65,000	8,580,000	8,666,000	101	132	133.32
West Virginia	60,000	5,220,000	8,352,000	160	87	139.20
Wisconsin	295,000	33,040,000	26,432,000	80	112	89.60
Wyoming	30,000	4,500,000	3,825,000	85	150	127.50
Total, 1918	4,210,000	400,106,000	478,136,000	119.5	95	113.57
1909	3,525,000	376,537,000	206,545,000	54.9	106.8	58.59
1910	3,720,000	349,032,000	194,586,000	55.7	93.8	52.30
1911	3,619,000	292,737,000	233,778,000	79.9	80.9	64.60
1912	3,711,000	420,647,000	212,550,000	50.5	113.4	57.28
1913	3,668,000	331,525,000	227,903,000	68.7	90.4	62.13
1914	3,711,000	409,921,000	199,460,000	48.7	110.5	53.75
1915	3,734,000	359,721,000	221,992,000	61.7	96.3	59.45
1916	3,565,000	286,953,000	419,333,000	146.1	80.5	117.62
1917	4,384,000	442,108,000	542,774,000	122.8	100.8	123.81

No. 103.—SWEET POTATO CROP: Estimated Acreage, Production, and Value, 1908 to 1917, and in 1918, by States.

[Source: Reports of the Department of Agriculture.]

State.	Total—			Average—		
	Area.	Production.	Farm value, Dec. 1.	Farm value per bushel, Dec. 1.	Yield per acre.	Farm value of yield per acre, Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
Alabama	153,000	14,688,000	16,891,000	115	96	110.40
Arkansas	38,000	3,420,000	4,720,000	138	90	124.20
California	6,000	1,020,000	1,530,000	150	170	255.00
Delaware	5,000	600,000	750,000	125	120	150.00
Florida	36,000	3,960,000	4,950,000	125	110	137.50
Georgia	130,000	11,960,000	14,950,000	125	92	115.00
Illinois	8,000	656,000	1,148,000	175	82	143.50
Indiana	3,000	324,000	632,000	195	108	210.60
Iowa	3,000	279,000	586,000	210	93	195.30
Kansas	4,000	320,000	710,000	222	80	177.60
Kentucky	13,000	1,235,000	2,161,000	175	95	166.25
Louisiana	65,000	4,875,000	6,240,000	128	75	96.00
Maryland	11,000	1,430,000	2,145,000	150	130	195.00
Mississippi	89,000	8,455,000	8,793,000	104	95	98.80
Missouri	8,000	728,000	1,354,000	186	91	169.26
New Jersey	23,000	2,875,000	5,462,000	190	125	237.50
New Mexico	2,000	250,000	625,000	250	125	312.50
North Carolina	81,000	8,910,000	11,761,000	132	110	145.20
Ohio	1,000	96,000	168,000	175	96	168.00
Oklahoma	15,000	975,000	2,145,000	220	65	143.00
Pennsylvania	1,000	120,000	222,000	185	120	222.00
South Carolina	80,000	7,600,000	10,792,000	142	95	134.90
Tennessee	30,000	2,940,000	3,998,000	136	98	133.28
Texas	87,000	5,046,000	8,830,000	175	58	101.50
Virginia	28,000	3,360,000	4,872,000	145	120	174.00
West Virginia	2,000	212,000	432,000	204	106	216.24
Total, 1918	922,000	86,334,000	116,867,000	135.4	93.6	126.75
1908	599,000	55,352,000	36,564,000	66.1	92.4	61.04
1909	[1] 641,000	[1] 59,232,000	41,052,000	69.4	[1] 92.4	64.04
1910	641,000	59,938,000	40,216,000	67.1	93.5	62.74
1911	605,000	54,538,000	41,202,000	75.5	90.1	68.10
1912	583,000	55,479,000	40,264,000	72.6	95.2	69.06
1913	625,000	59,057,000	42,884,000	72.6	94.5	68.61
1914	603,000	56,574,000	41,294,000	73.0	93.8	68.48
1915	731,000	75,639,000	46,980,000	62.1	103.5	64.26
1916	774,000	70,955,000	60,141,000	84.8	91.7	77.70
1917	919,000	83,822,000	92,916,000	110.8	91.2	101.11

[1] Figures represent census returns.

No. 104.—HAY CROP: ESTIMATED ACREAGE, PRODUCTION, AND VALUE, 1910 TO 1917, AND IN 1918, BY STATES.

[Source: Reports of the Department of Agriculture.]

State.	Total—			Average—		
	Area.	Production.	Farm value, Dec. 1.	Farm value per short ton, Dec. 1.	Yield per acre.	Farm value of yield per acre, Dec. 1.
	Acres.	*Short tons.*	*Dollars.*	*Dollars.*	*Short tons.*	*Dollars.*
Alabama	1,596,000	1,293,000	26,248,000	20.30	0.81	16.44
Arizona	150,000	480,000	11,520,000	24.00	3.20	76.80
Arkansas	403,000	524,000	10,218,000	19.50	1.30	25.35
California	2,376,000	2,970,000	59,400,000	20.00	1.25	25.00
Colorado	951,000	2,045,000	31,698,000	15.50	2.15	33.32
Connecticut	403,000	524,000	12,576,000	24.00	1.30	31.20
Delaware	80,000	100,000	2,800,000	28.00	1.25	35.00
Florida	105,000	120,000	2,220,000	18.50	1.14	21.09
Georgia	683,000	615,000	14,452,000	23.50	.90	21.15
Idaho	667,000	1,934,000	34,038,000	17.60	2.90	51.04
Illinois	3,372,000	4,552,000	95,592,000	21.00	1.35	28.35
Indiana	2,210,000	3,234,000	63,439,000	19.80	1.45	28.71
Iowa	3,297,000	4,286,000	78,005,000	18.20	1.30	23.66
Kansas	1,839,000	2,617,000	50,770,000	19.40	1.40	27.16
Kentucky	1,072,000	1,394,000	33,038,000	23.70	1.30	30.81
Louisiana	200,000	200,000	5,512,000	21.20	1.30	27.56
Maine	1,196,000	1,375,000	19,112,000	13.90	1.15	15.98
Maryland	473,000	639,000	17,125,000	26.80	1.35	36.18
Massachusetts	469,000	563,000	14,638,000	26.00	1.20	31.20
Michigan	2,598,000	2,676,000	62,886,000	23.50	1.03	24.20
Minnesota	1,850,000	2,590,000	36,519,000	14.10	1.40	19.74
Mississippi	347,000	416,000	7,696,000	18.50	1.20	22.20
Missouri	2,989,000	2,690,000	55,145,000	20.50	.90	18.45
Montana	767,000	1,227,000	24,049,000	19.60	1.60	31.36
Nebraska	1,761,000	2,381,000	40,953,000	17.20	1.40	24.08
Nevada	221,000	575,000	11,442,000	19.90	2.60	51.74
New Hampshire	472,000	543,000	10,208,000	18.80	1.15	21.62
New Jersey	350,000	490,000	13,720,000	28.00	1.40	39.20
New Mexico	164,000	361,000	7,220,000	20.00	2.20	44.00
New York	4,300,000	5,375,000	109,650,000	20.40	1.25	25.50
North Carolina	590,000	684,000	14,364,000	21.00	1.16	24.36
North Dakota	522,000	574,000	8,380,000	14.60	1.10	16.06
Ohio	2,925,000	4,095,000	90,909,000	22.20	1.40	31.08
Oklahoma	564,000	677,000	13,202,000	19.50	1.20	23.40
Oregon	815,000	1,467,000	29,340,000	20.00	1.80	36.00
Pennsylvania	3,030,000	4,272,000	101,240,000	23.70	1.41	33.42
Rhode Island	58,000	75,000	1,912,000	25.50	1.30	33.15
South Carolina	260,000	286,000	7,465,000	26.10	1.10	28.71
South Dakota	772,000	1,235,000	12,350,000	10.00	1.60	16.00
Tennessee	1,200,000	1,620,000	38,880,000	24.00	1.35	32.40
Texas	581,000	581,000	14,467,000	24.90	1.00	24.90
Utah	434,000	1,020,000	17,442,000	17.10	2.35	40.18
Vermont	993,000	1,291,000	21,043,000	16.30	1.30	21.19
Virginia	1,142,000	1,542,000	35,466,000	23.00	1.35	31.05
Washington	794,000	1,429,000	36,297,000	25.40	1.80	45.72
West Virginia	798,000	1,037,000	24,370,000	23.50	1.30	30.55
Wisconsin	2,582,000	3,537,000	76,399,000	21.60	1.37	29.59
Wyoming	580,000	1,218,000	17,052,000	14.00	2.10	29.40
Total, 1918	55,971,000	75,459,000	1,522,473,000	20.18	1.35	27.20
1910	45,691,000	60,978,000	747,769,000	12.26	1.33	16.34
1911	43,017,000	47,444,000	694,570,000	14.64	1.10	16.15
1912	49,530,000	72,691,000	856,695,000	11.79	1.47	17.30
1913	48,954,000	64,116,000	797,077,000	12.43	1.31	16.28
1914	49,145,000	70,071,000	779,068,000	11.12	1.43	15.85
1915	51,108,000	85,920,000	913,644,000	10.63	1.68	17.88
1916	55,721,000	91,192,000	1,022,930,000	11.22	1.64	18.36
1917	55,203,000	75,459,000	1,522,473,000	17.09	1.51	25.79

No. 105.—SUGAR CANE: Acreage and Production, 1899 and 1909, by States.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	Acreage.				Production (tons).			
	1899	1909	Increase.[1]		1899	1909	Increase.[1]	
			Amount.	Per cent.			Amount.	Per cent.
Alabama	32,871	27,211	−5,660	−17.2	267,857	226,634	−41,223	−15.4
Arkansas	460	3,330	2,870	623.9	4,097	19,868	15,771	384.9
Florida	13,800	12,928	− 872	− 6.3	140,729	142,517	1,788	1.3
Georgia	26,056	37,046	10,990	42.2	284,410	317,460	33,050	11.6
Louisiana	276,966	329,684	52,718	19.0	3,137,338	4,941,996	1,804,658	57.5
Mississippi	11,552	24,861	13,309	115.2	122,384	222,600	100,216	81.9
North Carolina	25	294	269	(2)	199	1,494	1,295	650.8
South Carolina	7,342	7,053	− 289	− 3.9	73,702	59,865	−13,837	−18.8
Texas	17,824	34,315	16,491	92.5	170,485	307,502	137,017	80.4
All other States	90	127	37	(2)	1,001	324	− 677	−67.6
Total	386,986	476,849	89,863	23.2	4,202,202	6,240,260	2,038,058	48.5

[1] A minus sign (−) denotes decrease. [2] Per cent not calculated when base is less than 100.

No. 106.—SORGHUM CANE: Acreage and Production, 1899 and 1909, by States.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	Acreage.				Production (tons).			
	1899	1909	Increase.[1]		1899	1909	Increase.[1]	
			Amount.	Per cent.			Amount.	Per cent.
Alabama	14,831	17,819	2,988	20.1	93,299	72,388	− 20,911	−22.4
Arizona	133	586	453	340.6	953	1,451	498	52.3
Arkansas	17,684	33,071	15,387	87.0	122,779	93,123	− 29,656	−24.2
California	140	647	507	362.1	1,085	3,021	1,936	178.4
Colorado	51	3,169	3,118	(2)	349	7,161	6,812	1,951.9
Florida	.....	379	379	.....	.....	2,173	2,173	.....
Georgia	11,553	15,612	4,059	35.1	78,768	64,336	− 14,432	−18.3
Illinois	9,158	15,039	5,881	64.2	84,326	90,287	5,961	7.1
Indiana	7,955	12,253	4,298	54.0	65,685	79,672	13,987	21.3
Iowa	8,287	6,225	−2,062	−24.9	58,347	28,957	− 29,390	−50.4
Kansas	20,689	15,406	−5,283	−25.5	88,846	60,821	− 28,025	−31.5
Kentucky	21,982	62,327	40,345	183.5	152,321	226,303	73,982	48.6
Louisiana	937	1,690	753	80.4	6,091	6,073	− 18	− 0.3
Michigan	377	416	39	10.3	2,787	2,765	− 22	− 0.8
Minnesota	2,283	1,709	− 574	−25.1	14,369	13,253	− 1,116	− 7.8
Mississippi	15,734	17,851	2,117	13.5	119,164	55,359	− 63,805	−53.5
Missouri	30,997	45,088	14,091	45.5	201,165	201,206	41	(3)
Nebraska	4,778	4,034	− 744	−15.6	14,119	10,477	− 3,642	−25.8
New Mexico	81	2,371	2,290	(2)	314	2,819	2,505	797.8
North Carolina	20,227	21,227	1,000	4.9	112,056	86,462	− 25,594	−22.8
Ohio	5,037	4,709	− 328	− 6.5	38,759	28,644	− 10,115	−26.1
Oklahoma	[4] 16,477	25,546	9,069	55.0	[4] 49,237	64,599	15,362	31.2
South Carolina	7,250	8,445	1,195	16.5	49,530	27,612	− 21,918	−44.3
Tennessee	31,364	52,907	21,543	68.7	226,523	205,901	− 20,622	− 9.1
Texas	26,803	55,027	28,224	105.3	174,965	101,691	− 73,274	−41.9
Utah	371	340	− 31	− 8.4	3,080	1,654	− 1,426	−46.3
Virginia	8,039	8,288	249	3.1	73,137	41,449	− 31,688	−43.3
West Virginia	6,870	8,607	1,737	25.3	56,469	48,094	− 8,375	−14.8
Wisconsin	2,399	2,281	− 118	− 4.9	16,963	13,735	− 3,228	−19.0
All other States	665	1,020	355	53.4	4,560	5,776	1,216	26.7
Total	293,152	444,089	150,937	51.5	1,910,046	1,647,262	−262,784	−13.8

[1] A minus sign (−) denotes decrease.
[2] Per cent not calculated when base is less than 100.
[3] Less than one-tenth of 1 per cent.
[4] Includes Indian Territory.

No. 107.—SPECIFIED CROPS: Estimated Production and Value, by Crop Years Indicated.

[Source: Reports of the Department of Agriculture.]

CORN.

Crop year.	Total—			Average—		
	Area.	Production.	Farm value Dec. 1.	Farm value per bushel Dec. 1.	Yield per acre.	Farm value of yield per acre Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
1866-75 [1]	32,715,700	969,947,600	454,534,800	47.8	26.1	12.48
1876-85 [1]	60,742,800	1,537,465,400	608,203,600	40.1	25.5	10.23
1886-90 [1]	74,810,021	1,742,450,800	657,226,326	37.7	23.3	8.78
1891-95 [1]	72,705,147	1,734,403,753	633,975,236	36.6	23.9	8.72
1896	81,027,156	2,283,875,165	491,006,967	21.5	28.2	6.06
1897	80,095,051	1,902,967,933	501,072,952	26.3	23.8	6.26
1898	77,721,781	1,924,184,660	552,023,428	28.7	24.8	7.10
1899	82,108,587	2,078,143,933	629,210,110	30.3	25.3	7.66
1900	83,320,872	2,105,102,516	751,220,034	35.7	25.3	9.02
1901	91,349,928	1,522,519,891	921,555,768	60.5	16.7	10.09
1902	94,043,613	2,523,648,312	1,017,017,349	40.3	26.8	10.81
1903	88,091,993	2,244,176,925	952,868,801	42.5	25.5	10.82
1904	92,231,581	2,467,480,934	1,087,461,440	44.1	26.8	11.79
1905	94,011,369	2,707,993,540	1,116,696,738	41.2	28.8	11.88
1906	96,737,581	2,927,416,091	1,166,626,479	39.9	30.3	12.06
1907	99,931,000	2,592,320,000	1,336,901,000	51.6	25.9	13.38
1908	101,788,000	2,668,651,000	1,616,145,000	60.6	26.2	15.87
1909	108,771,000	2,772,376,000	1,652,822,000	59.6	25.5	15.19
1910	104,035,000	2,886,260,000	1,384,817,000	48.0	27.7	13.30
1911	105,825,000	2,531,488,000	1,565,258,000	61.8	23.9	14.77
1912	107,083,000	3,124,746,000	1,520,454,000	48.7	29.2	14.20
1913	105,820,000	2,446,988,000	1,692,092,000	69.1	23.1	15.99
1914	103,435,000	2,672,804,000	1,722,070,000	61.4	25.8	16.65
1915	106,197,000	2,994,793,000	1,722,680,000	57.5	28.2	16.22
1916	105,296,000	2,566,927,000	2,280,729,000	88.9	24.4	21.66
1917	116,730,000	3,065,233,000	3,920,228,000	127.9	26.3	33.58
1918	107,494,000	2,582,814,000	3,528,313,000	136.6	24.0	32.82

WHEAT.

1866-75 [1]	20,470,300	244,672,300	257,586,800	108.6	11.9	12.92
1876-85 [1]	34,144,400	419,940,800	554,049,800	92.6	12.3	11.39
1886-90 [1]	37,199,024	443,847,400	337,470,479	76.0	11.9	9.07
1891-95 [1]	36,406,103	490,246,218	302,519,399	61.7	13.5	8.31
1896	34,618,646	427,684,346	310,602,539	72.6	12.4	8.97
1897	39,465,066	530,149,168	428,547,121	80.8	13.4	10.86
1898	44,055,278	675,148,705	392,770,320	58.2	15.3	8.92
1899	44,592,516	547,303,846	319,545,259	58.4	12.3	7.17
1900	42,495,385	522,229,505	328,515,177	61.9	12.3	7.61
1901	49,895,514	748,460,218	467,350,156	62.4	15.0	9.37
1902	46,202,424	670,063,008	422,224,117	63.0	14.5	9.14
1903	49,464,967	637,821,835	443,024,826	69.5	12.9	8.96
1904	44,074,375	552,399,517	510,489,874	92.4	12.5	11.58
1905	47,854,079	692,979,489	518,372,727	74.8	14.5	10.83
1906	47,305,829	735,260,970	490,332,760	66.7	15.5	10.37
1907	45,211,000	634,087,000	554,437,000	87.4	14.0	12.26
1908	47,557,000	664,602,000	616,326,000	92.8	14.0	12.97
1909	46,723,000	737,189,000	730,046,000	99.0	15.8	15.62
1910	45,681,000	635,121,000	561,051,000	88.3	13.9	12.27
1911	49,543,000	621,338,000	543,063,000	87.4	12.5	10.93
1912	45,814,000	730,267,000	555,280,000	76.0	15.9	12.12
1913	50,184,000	763,380,000	610,122,000	79.9	15.2	12.16
1914	53,541,000	891,017,000	878,680,000	98.6	16.6	16.41
1915	60,469,000	1,025,801,000	942,303,000	91.9	17.0	15.58
1916	52,316,000	636,318,000	1,019,968,000	160.3	12.2	19.50
1917	45,089,000	636,655,000	1,278,112,000	200.8	14.1	28.35
1918	59,110,000	917,100,000	1,874,623,000	204.4	15.5	31.71

[1] Average per year for the period.

No. 107.—Specified Crops: Estimated Production and Value, by Crop Years Indicated—Continued.

OATS.

Crop year.	Total—			Average—		
	Area.	Production.	Farm value Dec. 1.	Farm value per bushel Dec. 1.	Yield per acre.	Farm value of yield per acre Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
1866-75[1]	9,746,000	272,992,800	102,422,700	37.8	28.1	10.62
1876-85[1]	16,797,000	461,157,400	149,629,700	32.7	27.6	9.03
1886-90[1]	26,094,269	652,124,600	195,218,291	29.9	25.0	7.49
1891-95[1]	26,964,138	704,952,868	201,522,792	28.6	26.1	7.47
1896	27,565,985	707,346,404	132,485,033	18.7	25.7	4.81
1897	25,730,375	698,767,809	147,974,719	21.2	27.2	5.75
1898	25,777,110	730,906,643	186,405,364	25.5	28.4	7.23
1899	26,341,380	796,177,713	198,167,975	24.9	30.2	7.52
1900	27,364,795	809,125,989	208,669,233	25.8	29.6	7.68
1901	28,541,476	736,808,724	293,658,777	39.9	25.8	10.29
1902	28,653,144	987,842,712	303,584,852	30.7	34.5	10.60
1903	27,638,126	784,094,199	267,661,665	34.1	28.4	9.68
1904	27,842,669	894,595,552	279,900,013	31.3	32.1	10.05
1905	28,046,746	953,216,197	277,047,537	29.1	34.0	9.88
1906	30,958,768	964,904,522	306,292,978	31.7	31.2	9.89
1907	31,837,000	754,443,000	334,568,000	44.3	23.7	10.51
1908	32,344,000	807,156,000	381,171,000	47.2	25.0	11.78
1909	33,204,000	1,007,353,000	408,174,000	40.5	30.3	12.29
1910	37,548,000	1,186,341,000	408,338,000	34.4	31.6	10.87
1911	37,763,000	922,298,000	414,663,000	45.0	24.4	10.98
1912	37,917,000	1,418,337,000	452,469,000	31.9	37.4	11.93
1913	38,399,000	1,121,768,000	439,596,000	39.2	29.2	11.45
1914	38,442,000	1,141,060,000	499,431,000	43.8	29.7	12.99
1915	40,996,000	1,549,030,000	559,506,000	36.1	37.8	13.65
1916	41,527,000	1,251,837,000	655,928,000	52.4	30.1	15.80
1917	43,553,000	1,592,740,000	1,061,474,000	66.6	36.6	24.37
1918	44,400,000	1,538,359,000	1,092,423,000	71.0	34.6	24.60

RYE.

1866-75[1]	1,346,800	18,266,600	14,559,000	78.1	13.6	10.62
1876-85[1]	1,870,200	24,468,800	15,386,400	63.5	13.3	8.45
1886-90[1]	2,172,303	25,564,954	13,885,217	54.3	11.8	6.39
1891-95[1]	2,042,747	28,044,765	15,744,359	56.1	13.7	7.71
1896	1,831,201	24,369,047	9,960,769	40.9	13.3	5.44
1897	1,703,561	27,363,324	12,239,647	44.7	16.1	7.18
1898	1,643,207	26,657,522	11,875,350	46.3	15.6	7.23
1899	1,659,308	23,961,741	12,214,118	51.0	14.4	7.36
1900	1,591,362	23,995,927	12,295,417	51.2	15.1	7.73
1901	1,987,505	30,844,330	16,909,742	55.7	15.3	8.51
1902	1,978,548	33,630,592	17,080,793	50.8	17.0	8.63
1903	1,906,894	29,363,416	15,993,871	54.5	15.4	8.39
1904	1,792,673	27,241,515	18,748,323	68.8	15.2	10.46
1905	1,730,159	28,485,952	17,414,138	61.1	16.5	10.07
1906	2,001,904	33,374,833	19,671,243	58.9	16.7	9.83
1907	1,926,000	31,566,000	23,068,000	73.1	16.4	11.98
1908	1,948,000	31,851,000	23,455,000	73.6	16.4	12.04
1909	2,006,000	32,239,000	23,809,000	73.9	16.1	11.87
1910	2,185,000	34,897,000	24,953,000	71.5	16.0	11.44
1911	2,127,000	33,119,000	27,557,000	83.2	15.6	12.98
1912	2,117,000	35,664,000	23,636,000	66.3	16.8	11.16
1913	2,557,000	41,381,000	26,220,000	63.4	16.2	10.25
1914	2,541,000	42,779,000	37,018,000	86.5	16.8	14.57
1915	3,129,000	54,050,000	45,083,000	83.4	17.3	14.41
1916	3,213,000	48,862,000	59,676,000	122.1	15.2	18.57
1917	4,317,000	62,933,000	104,447,000	166.0	14.6	24.19
1918	6,185,000	89,103,000	134,947,000	151.5	14.4	21.82

[1] Average per year for the period.

No. 107.—SPECIFIED CROPS: ESTIMATED PRODUCTION AND VALUE, BY CROP YEARS INDICATED—Continued.

BARLEY.

Crop year.	Total—			Average—		
	Area.	Production.	Farm value Dec. 1.	Farm value per bushel Dec. 1.	Yield per acre.	Farm value of yield per acre Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
1866-75 [1]	1,196,500	26,992,300	21,882,200	79.0	22.9	18.09
1876-85 [1]	2,065,300	46,065,900	28,098,900	61.8	22.4	13.84
1886-90 [1]	2,981,486	65,125,064	34,746,341	53.4	21.8	11.65
1891-95 [1]	3,088,777	77,055,724	33,734,066	43.8	24.9	10.09
1896	2,950,539	69,695,223	22,491,241	32.8	23.6	7.62
1897	2,719,116	66,685,127	25,142,139	37.7	24.5	9.25
1898	2,583,125	55,792,257	23,064,359	41.3	21.6	8.93
1899	2,878,229	73,381,563	29,594,254	40.3	25.5	10.28
1900	2,894,282	58,925,833	24,075,271	40.8	20.4	8.32
1901	4,295,744	109,932,924	49,705,163	45.2	25.6	11.57
1902	4,661,063	134,954,023	61,898,684	45.9	29.0	13.28
1903	4,993,137	181,861,391	60,166,313	45.6	26.4	12.05
1904	5,145,878	139,748,958	58,651,807	42.0	27.2	11.40
1905	5,095,528	136,651,020	55,047,166	40.3	26.8	10.80
1906	6,823,757	178,916,484	74,235,997	41.5	28.3	11.74
1907	6,448,000	153,597,000	102,290,000	66.6	23.8	15.86
1908	6,646,000	166,756,000	92,442,000	55.4	25.1	13.91
1909	7,011,000	170,284,000	93,971,000	55.2	24.3	13.40
1910	7,743,000	173,832,000	100,426,000	57.8	22.5	13.00
1911	7,627,000	160,240,000	139,182,000	86.9	21.0	18.25
1912	7,530,000	223,824,000	112,957,000	50.5	29.7	15.00
1913	7,499,000	178,189,000	95,731,000	53.7	23.8	12.77
1914	7,565,000	194,953,000	105,903,000	54.3	25.8	14.00
1915	7,148,000	228,851,000	118,172,000	51.6	32.0	16.53
1916	7,757,000	182,309,000	160,646,000	88.1	23.5	20.71
1917	8,933,000	211,759,000	240,758,000	113.7	23.7	26.95
1918	9,679,000	256,375,000	235,269,000	91.8	26.5	24.31

BUCKWHEAT.

1866-75 [1]	729,900	13,368,800	9,785,200	72.5	18.3	13.27
1876-85 [1]	777,800	11,976,700	7,237,800	66.2	14.6	9.67
1886-90 [1]	884,558	11,861,232	6,692,216	56.4	13.4	7.57
1891-95 [1]	815,788	13,009,205	6,923,632	53.2	15.9	8.49
1896	754,898	14,089,783	5,522,339	39.2	18.7	7.32
1897	717,836	14,997,451	6,319,188	42.1	20.9	8.80
1898	678,332	11,721,927	5,271,462	45.0	17.3	7.77
1899	670,148	11,094,473	6,183,675	55.7	16.6	9.23
1900	637,930	9,566,966	5,341,413	55.8	15.0	8.37
1901	811,164	15,125,939	8,528,317	56.3	18.6	10.51
1902	804,880	14,529,770	8,654,704	59.6	18.1	10.75
1903	804,393	14,243,644	8,650,733	60.7	17.7	10.75
1904	793,625	15,008,386	9,330,768	62.2	18.9	11.76
1905	760,118	14,585,082	8,565,499	58.7	19.2	11.27
1906	789,208	14,641,937	8,727,443	59.6	18.6	11.06
1907	800,000	14,290,000	9,975,000	69.8	17.9	12.47
1908	803,000	15,874,000	12,004,000	75.6	19.8	14.95
1909	834,000	17,438,000	12,188,000	69.9	20.9	14.61
1910	860,000	17,598,000	11,636,000	66.1	20.5	13.65
1911	833,000	17,549,000	12,735,000	72.6	21.1	15.32
1912	841,000	19,249,000	12,720,000	66.1	22.9	15.12
1913	805,000	13,833,000	10,445,000	75.5	17.2	12.98
1914	792,000	16,881,000	12,892,000	76.4	21.3	16.28
1915	769,000	15,055,000	11,843,000	78.7	19.6	15.40
1916	828,000	11,662,000	13,147,000	112.7	14.1	15.88
1917	1,924,000	16,022,000	25,631,000	160.0	17.3	27.74
1918	1,040,000	17,182,000	28,585,000	166.4	16.5	27.75

[1] Average per year for the period.

No. 107.—SPECIFIED CROPS: ESTIMATED PRODUCTION AND VALUE, BY CROP YEARS INDICATED—Continued.

RICE (rough.)

Crop year.	Total—			Average—		
	Area.	Production.[1]	Farm value Dec. 1.	Farm value per bushel Dec. 1.[2]	Yield per acre.	Farm value of yield per acre Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
1904	662,000	21,096,000	13,892,000	65.8	31.9	20.99
1905	460,198	12,933,436	12,285,834	95.0	28.1	26.70
1906	575,000	17,855,000	16,121,000	90.3	31.1	28.03
1907	627,300	18,738,000	16,081,000	85.8	29.9	25.64
1908	655,000	21,889,620	17,771,281	81.2	33.4	27.13
1909	610,000	21,839,000	17,383,000	79.6	35.8	28.50
1910	723,000	24,510,000	16,624,000	67.8	33.9	23.00
1911	696,000	22,934,000	18,274,000	79.7	32.9	26.26
1912	723,000	25,054,000	23,423,000	93.5	34.7	32.40
1913	827,000	25,744,000	22,090,000	85.8	31.1	26.71
1914	693,530	23,649,000	21,849,000	92.4	34.1	31.50
1915	802,600	28,947,000	68,717,000	90.6	36.1	32.66
1916	869,000	40,861,000	36,311,000	88.9	47.0	41.78
1917	980,900	34,739,000	65,879,000	189.6	35.4	67.16
1918	1,112,770	40,424,000	77,474,000	191.7	36.3	69.62
HOPS.						
1915	44,653	52,986,000	6,203,000	11.7	186.6	138.92
1916	43,000	50,595,000	6,073,000	12.0	1,152.5	138.34
1917	29,900	29,388,000	9,795,000	33.3	982.9	327.59
1918	27,900	20,193,000	3,958,000	19.6	723.8	141.86
PEANUTS.						
1916	1,043,350	34,433,500	41,357,000	120.1	33.0	39.64
1917	1,842,400	52,505,000	91,498,000	174.3	28.5	49.66
1918	2,291,900	55,597,000	95,829,000	172.4	24.3	41.81
BEANS.						
1914	875,000	8,846,000	26,213,000	226.0	13.2	29.96
1915	928,000	10,321,000	26,771,000	259.0	11.1	28.85
1916	1,107,000	10,715,000	54,686,000	510.0	9.7	49.40
1917	1,821,000	15,045,000	104,350,000	650.0	8.8	57.30
1918	1,754,000	17,733,000	93,639,000	528.0	10.1	53.39

[1] Figures for hops are stated in pounds.
[2] Figures for hops are stated in cents per pound.

No. 107.—SPECIFIED CROPS: ESTIMATED PRODUCTION AND VALUE, BY CROP YEARS INDICATED—Continued.

Crop year.	Total—			Average—		
	Area.	Production.[1]	Farm value Dec. 1.	Farm value per bushel Dec. 1.[2]	Yield per acre.	Farm value of yield per acre Dec. 1.
CLOVER SEED.						
	Acres.	*Bushels.*	*Dollars.*	*Dollars.*	*Bushels.*	*Dollars.*
1916	939,000	1,706,000	15,661,000	9.18	1.8	16.86
1917	821,000	1,488,000	19,107,000	12.84	1.8	23.27
1918	722,000	1,102,000	21,786,000	19.77	1.5	30.17
BROOM CORN.						
1915	230,100	52,242	4,789,000	91.67	0.227	20.81
1916	235,200	38,726	6,690,000	172.75	.165	28.44
1917	345,000	57,400	16,804,000	292.75	.166	48.71
1918	333,000	58,000	13,598,000	234.45	.174	40.83
KAFIRS.[3]						
1915	4,153,000	114,460,000	51,157,000	0.45	27.6	12.32
1916	3,944,000	53,858,000	57,027,000	1.06	13.7	14.46
1917	5,153,000	61,409,000	99,433,000	1.62	11.9	19.30
1918	5,619,000	66,396,000	99,848,000	1.50	11.8	17.77
CRANBERRIES.						
1914	22,000	697,000	2,766,000	3.97	31.7	125.73
1915	23,100	441,000	2,908,000	6.59	19.1	125.89
1916	26,200	471,000	3,794,000	7.32	18.0	131.64
1917	18,200	249,000	2,550,000	10.24	13.7	140.11
1918	27,200	350,100	3,449,000	10.84	12.9	139.49
ORANGES.						
1915	.....	21,200,000	50,692,000	2.39	.....	.....
1916	.....	24,433,000	61,463,000	2.52	.....	.....
1917	.....	10,593,000	27,556,000	2.60	.....	.....
1918	.....	19,587,000	92,723,000	4.73	.....	.....

[1] Figures for broom corn represent short tons; those for cranberries, barrels; and those for oranges, boxes.
[2] Figures for broom corn represent dollars per ton; those for cranberries, dollars per barrel; and those for oranges, dollars per box.
[3] Grain sorghums, milo maize, feterida.

No. 108.—CORN: Estimated Annual Production, by States, 1907 to 1918.

[Source: Reports of the Department of Agriculture.]

Calendar year.	Alabama.	Arkansas.	California.	Colorado.	Connecticut.	Delaware.	Florida.	Georgia.	Illinois.	Indiana.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1907	45,896,000	43,430,000	1,836,000	2,608,000	1,848,000	5,308,000	7,017,000	57,538,000	342,756,000	168,840,000
1908	44,835,000	54,035,000	1,600,000	2,586,000	2,395,000	6,240,000	6,584,000	53,750,000	298,620,000	137,835,000
1909	43,646,000	50,400,000	1,740,000	3,267,000	2,460,000	6,200,000	8,379,000	61,160,000	369,770,000	196,520,000
1910	51,300,000	57,360,000	1,875,000	6,885,000	3,032,000	6,137,000	8,190,000	51,982,000	400,775,000	188,640,000
1911	54,000,000	49,712,000	1,836,000	5,222,000	2,862,000	6,630,000	9,286,000	59,072,000	334,950,000	174,600,000
1912	54,180,000	50,490,000	1,924,000	8,736,000	3,000,000	6,630,000	8,515,000	53,958,000	426,320,000	199,364,000
1913	55,360,000	47,025,000	1,815,000	6,300,000	2,348,000	6,296,000	10,125,000	63,023,000	282,150,000	176,400,000
1914	55,488,000	42,000,000	2,160,000	10,626,000	2,806,000	7,092,000	11,200,000	56,000,000	300,034,000	163,317,000
1915	66,300,000	62,100,000	2,624,000	11,280,000	3,250,000	6,615,000	12,000,000	64,950,000	374,400,000	190,950,000
1916	47,812,000	45,135,000	2,048,000	7,362,000	3,010,000	6,970,000	12,300,000	62,000,000	300,900,000	174,658,000
1917	77,200,000	64,176,000	2,400,000	10,640,000	2,400,000	7,820,000	12,000,000	72,000,000	418,000,000	196,776,000
1918	67,686,000	35,100,000	2,975,000	11,067,000	2,800,000	7,285,000	14,080,000	68,850,000	351,450,000	169,554,000

Calendar year.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1907	270,220,000	155,142,000	93,060,000	28,000,000	22,196,000	1,584,000	57,190,000	43,605,000	42,500,000	241,025,000
1908	287,456,000	156,200,000	84,823,000	33,898,000	24,705,000	1,818,000	60,420,000	46,835,000	45,845,000	203,634,000
1909	289,800,000	154,225,000	103,472,000	51,198,000	21,980,000	1,786,000	69,950,000	58,812,000	40,745,000	213,840,000
1910	343,761,000	170,050,000	101,500,000	42,055,000	22,110,000	2,048,000	54,108,000	66,708,000	53,095,000	247,500,000
1911	305,350,000	126,150,000	93,600,000	33,300,000	24,455,000	2,068,000	55,770,000	74,140,000	54,150,000	192,400,000
1912	432,021,000	174,225,000	109,440,000	32,490,000	24,455,000	2,115,000	55,250,000	78,177,000	56,840,000	243,904,000
1913	338,300,000	23,424,000	74,825,000	41,800,000	22,110,000	1,944,000	56,112,000	96,000,000	63,000,000	129,062,000
1914	389,424,000	108,225,000	91,250,000	38,600,000	24,531,000	2,256,000	63,000,000	91,000,000	58,275,000	158,400,000
1915	298,500,000	172,050,000	105,000,000	45,100,000	24,850,000	2,304,000	56,000,000	64,400,000	67,450,000	191,750,000
1916	366,825,000	69,500,000	95,200,000	44,814,000	26,325,000	1,764,000	45,375,000	87,100,000	47,600,000	132,112,000
1917	410,700,000	119,028,000	114,975,000	32,400,000	27,300,000	1,440,000	37,625,000	91,800,000	77,613,000	241,500,000
1918	375,624,000	43,523,000	93,600,000	29,600,000	24,010,000	2,080,000	48,300,000	110,000,000	66,300,000	133,860,000

Calendar year.	Nebraska.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.	Pennsylvania.	South Carolina.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1907	179,328,000	8,757,000	1,218,000	16,200,000	45,078,000	3,080,000	117,640,000	113,265,000	45,922,000	29,807,000
1908	205,767,000	10,564,000	1,755,000	24,250,000	50,166,000	3,856,000	136,675,000	122,239,000	57,275,000	29,229,000
1909	194,060,000	9,483,000	2,128,000	24,120,000	48,686,000	6,045,000	153,062,000	101,150,000	48,800,000	37,041,000
1910	191,565,000	9,612,000	2,047,000	20,108,000	49,290,000	2,940,000	144,540,000	91,760,000	58,630,000	31,580,000
1911	155,925,000	9,936,000	2,322,000	20,405,000	49,680,000	7,250,000	150,540,000	36,888,000	63,858,000	32,578,000
1912	182,616,000	10,374,000	2,083,000	19,763,000	51,106,000	8,758,000	174,410,000	101,878,000	61,582,000	34,278,000
1913	114,150,000	10,862,000	1,572,000	15,020,000	55,282,000	10,800,000	146,250,000	52,250,000	57,057,000	38,512,000
1914	173,950,000	10,472,000	2,576,000	22,550,000	57,550,000	14,000,000	142,715,000	50,000,000	62,178,000	36,538,000
1915	213,000,000	10,830,000	2,730,000	24,200,000	60,900,000	9,800,000	153,550,000	112,100,000	58,520,000	35,145,000
1916	192,400,000	10,800,000	2,625,000	21,000,000	48,100,000	13,515,000	113,400,000	53,325,000	56,550,000	32,008,000
1917	249,480,000	12,474,000	3,400,000	25,420,000	58,400,000	5,310,000	150,100,000	33,150,000	61,425,000	40,850,000
1918	123,086,000	11,439,000	4,250,000	29,520,000	64,365,000	9,196,000	133,200,000	24,375,000	62,400,000	38,250,000

Calendar year.	South Dakota.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	All other States.	Total.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1907	47,175,000	78,364,000	155,589,000	1,980,000	46,025,000	21,280,000	46,688,000	3,325,000	2,592,320,000
1908	57,677,000	83,080,000	201,848,000	2,499,000	50,050,000	23,962,000	49,674,000	3,971,000	2,668,651,000
1909	65,270,000	78,650,000	122,250,000	2,405,000	47,328,000	27,632,000	50,589,000	4,327,000	2,772,376,000
1910	52,500,000	88,060,000	140,080,000	1,892,000	49,980,000	18,200,000	49,400,000	4,965,000	2,886,260,000
1911	50,820,000	91,120,000	69,350,000	1,886,000	47,520,000	18,170,000	58,080,000	5,607,000	2,531,488,000
1912	76,347,000	88,298,000	153,300,000	1,800,000	47,520,000	24,505,000	58,262,000	5,832,000	3,124,746,000
1913	67,320,000	68,675,000	163,200,000	1,665,000	51,480,000	22,692,000	66,825,000	6,047,000	2,446,988,000
1914	78,000,000	80,400,000	124,800,000	2,115,000	39,380,000	22,692,000	69,862,000	7,342,000	2,672,804,000
1915	94,250,000	93,150,000	166,850,000	2,256,000	60,562,000	25,200,000	40,825,000	9,052,000	2,994,793,000
1916	84,075,000	78,000,000	129,200,000	1,935,000	58,800,000	22,570,000	60,840,000	8,974,000	2,566,927,000
1917	93,800,000	104,400,000	75,900,000	1,755,000	56,700,000	24,000,000	42,196,000	8,680,000	3,065,233,000
1918	108,188,000	84,000,000	69,000,000	1,710,000	56,000,000	24,800,000	69,538,000	11,753,000	2,582,814,000

No. 109.—WHEAT: Estimated Annual Production, by States, 1906 to 1918.

[Source: Reports of the Department of Agriculture.]

Calendar year.	Alabama.	Arkansas.	California.	Colorado.	Georgia.	Idaho.	Iowa.	Illinois.	Indiana.	Kansas.	Kentucky.	Maryland.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1906	1,085,029	1,915,250	26,883,662	8,266,538	3,161,070	8,231,631	9,212,218	38,535,900	48,080,925	81,830,611	11,542,598	12,902,416
1907	890,000	1,463,000	20,520,000	8,497,000	2,673,000	8,639,000	7,653,000	40,104,000	34,013,000	65,609,000	8,808,000	14,763,000
1908	1,092,000	1,620,000	11,680,000	6,153,000	2,208,000	10,897,000	8,068,000	30,212,000	45,169,000	79,282,000	8,793,000	12,546,000
1909	1,029,000	1,721,000	11,550,000	10,758,000	2,450,000	14,465,000	7,446,000	31,494,000	33,124,000	87,203,000	7,906,000	11,165,000
1910	336,000	1,209,000	9,900,000	8,994,000	1,480,000	10,658,000	11,174,000	36,660,000	35,194,000	63,236,000	9,818,000	10,510,000
1911	345,000	1,008,000	8,640,000	8,274,000	1,740,000	15,860,000	10,622,000	42,000,000	34,354,000	51,387,000	9,906,000	9,378,000
1912	318,000	940,000	6,290,000	10,968,000	1,228,000	14,566,000	12,850,000	9,819,000	10,080,000	92,290,000	6,860,000	8,985,000
1913	374,000	1,313,000	4,200,000	9,680,000	1,708,000	14,094,000	16,395,000	41,888,000	39,775,000	86,983,000	9,860,000	8,113,000
1914	403,000	1,625,000	6,800,000	11,312,000	1,694,000	14,362,000	15,066,000	46,250,000	43,239,000	177,200,000	12,540,000	13,158,000
1915	1,200,000	2,750,000	7,040,000	13,770,000	3,575,000	18,730,000	18,985,000	53,200,000	45,580,000	106,538,000	9,900,000	10,272,000
1916	1,045,000	1,880,000	5,600,000	11,885,000	3,808,000	15,071,000	9,150,000	16,775,000	19,440,000	97,980,000	8,010,000	10,400,000
1917	930,000	3,120,000	7,425,000	13,536,000	2,074,000	15,332,000	8,350,000	30,850,000	33,432,000	45,443,000	9,000,000	11,475,000
1918	1,330,000	3,048,000	7,590,000	13,335,000	3,631,000	18,043,000	19,650,000	60,991,000	49,427,000	102,008,000	12,129,000	11,346,000

Calendar year.	Michigan.	Minnesota.	Missouri.	Montana.	Nebraska.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oregon.	Oklahoma.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1906	13,644,960	55,801,591	31,734,900	3,297,336	52,288,692	1,120,650	9,350,180	5,297,028	77,896,000	43,202,100	14,215,597	18,663,862
1907	12,731,000	67,600,000	29,212,000	4,003,000	45,911,000	1,104,000	7,197,000	5,320,000	55,130,000	30,677,000	15,265,000	8,631,000
1908	15,732,000	68,557,000	22,260,000	3,703,000	44,295,000	1,025,000	7,752,000	5,680,000	68,428,000	33,328,000	15,148,000	15,625,000
1909	14,570,000	94,080,000	28,562,000	10,764,000	49,650,000	1,004,000	8,820,000	5,415,000	90,762,000	23,532,000	16,377,000	15,680,000
1900	16,848,000	64,000,000	25,958,000	7,700,000	38,760,000	820,000	8,414,000	6,817,000	38,500,000	34,425,000	15,853,000	25,542,000
1911	18,450,000	43,935,000	36,110,000	12,299,000	41,574,000	1,262,000	6,728,000	6,636,000	78,200,000	36,240,000	16,726,000	8,976,000
1912	7,000,000	67,038,000	23,750,000	19,346,000	55,052,000	1,232,000	5,360,000	5,322,000	143,820,000	9,760,000	21,018,000	20,096,000
1913	12,776,000	68,040,000	39,586,000	20,673,000	62,325,000	1,221,000	6,800,000	7,078,000	78,855,000	35,100,000	15,717,000	17,500,000
1914	17,316,000	42,975,000	43,333,000	18,356,000	68,116,000	1,838,000	8,100,000	7,332,000	81,592,000	36,538,000	16,604,000	47,975,000
1915	20,448,000	70,870,000	34,108,000	42,180,000	71,018,000	1,976,000	11,875,000	9,810,000	151,970,000	40,194,000	20,025,000	38,860,000
1916	13,280,000	26,410,000	16,575,000	28,655,000	68,550,000	2,104,000	8,400,000	9,135,000	39,325,000	21,600,000	19,550,000	29,585,000
1917	15,422,000	51,611,000	28,971,000	17,963,000	13,764,000	2,582,000	8,820,000	8,600,000	56,000,000	41,140,000	12,548,000	35,650,000
1918	10,716,000	79,710,000	53,154,000	25,434,000	43,141,000	3,334,000	7,840,000	7,105,000	101,010,000	43,547,000	15,228,000	32,899,000

Calendar year.	Pennsylvania.	South Dakota.	Tennessee.	Texas.	Utah.	Virginia.	Washington.	West Virginia.	Wisconsin.	All other States.	Total.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1906	29,073,188	41,955,400	10,892,725	14,126,186	4,888,626	9,306,825	25,075,258	4,879,861	4,690,816	12,211,341	735,260,970
1907	30,095,000	32,480,000	7,400,000	2,812,000	4,637,000	8,188,000	35,045,000	4,477,000	2,955,000	9,585,000	634,087,000
1908	29,415,000	37,862,000	8,190,000	10,164,000	5,825,000	8,892,000	27,162,000	4,693,000	3,328,000	9,818,000	664,602,000
1909	26,265,000	47,588,000	8,320,000	5,050,000	6,090,000	8,848,000	35,780,000	4,810,000	3,484,000	11,427,000	737,189,000
1900	23,300,000	46,720,000	8,319,000	10,500,000	4,370,000	9,574,000	35,571,000	3,012,000	3,590,000	7,359,000	635,121,000
1911	17,402,000	14,800,000	8,280,000	6,580,000	5,025,000	9,000,000	50,661,000	2,737,000	3,097,000	8,106,000	621,338,000
1912	22,320,000	52,185,000	7,077,000	11,025,000	6,059,000	8,596,000	53,728,000	3,378,000	3,564,000	8,347,000	730,267,000
1913	21,862,000	33,975,000	8,400,000	13,650,000	6,420,000	10,608,000	53,300,000	3,055,000	3,665,000	8,391,000	763,380,000
1914	23,747,000	31,566,000	11,160,000	14,066,000	7,275,000	11,296,000	41,840,000	3,540,000	3,511,000	9,292,000	891,017,000
1915	24,605,000	63,762,000	9,030,000	25,575,000	8,225,000	16,974,000	51,420,000	4,500,000	4,662,000	12,174,000	1,025,801,000
1916	26,125,000	24,825,000	7,885,000	13,200,000	6,900,000	15,240,000	37,635,000	4,422,000	3,315,000	12,558,000	636,318,000
1917	24,482,000	44,800,000	4,600,000	16,200,000	5,640,000	15,600,000	29,218,000	4,410,000	5,327,000	12,340,000	636,655,000
1918	24,718,000	71,305,000	7,500,000	8,920,000	6,464,000	15,600,000	26,429,000	4,942,000	9,837,000	15,739,000	917,100,000

No. 110.—COTTON CROP IN SPECIFIED YEARS, 1905 TO 1918: ACREAGE HARVESTED, PRODUCTION, AND FARM VALUE, BY STATES.

[Sources: Reports of the Department of Agriculture for area and value of the cotton crop for all years except census years, the latter and all other figures, reports of the Bureau of the Census, Department of Commerce.]

Year.	Cotton.			Cotton seed.		Total value.
	Area.	Product.	Value.	Product.	Value.	
	Acres.	*Bales.*[1]	*Dollars.*	*Short tons.*	*Dollars.*	*Dollars.*
ALABAMA.						
1905	3,500,168	1,238,574	64,820,000	593,000	8,680,000	73,500,000
1906	3,658,000	1,261,522	60,410,000	561,000	7,710,000	68,130,000
1907	3,489,000	1,112,698	60,970,000	494,000	8,820,000	69,790,000
1908	3,591,000	1,345,713	59,480,000	598,000	9,590,000	69,070,000
1909	3,731,000	1,024,350	69,940,000	454,000	13,100,000	83,040,000
1910	3,560,000	1,194,250	83,420,000	530,000	15,160,000	98,580,000
1911	4,017,000	1,716,534	81,710,000	762,000	13,870,000	95,580,000
1912	3,730,000	1,342,275	76,780,000	596,000	11,620,000	88,400,000
1913	3,760,000	1,495,485	96,160,000	664,000	15,600,000	111,760,000
1914	4,007,000	1,751,375	63,840,000	778,000	14,700,000	78,540,000
1915	3,340,000	1,020,839	56,550,000	453,000	16,720,000	73,270,000
1916	3,225,000	533,402	47,230,000	236,000	12,880,000	60,110,000
1917	1,977,000	517,890	71,030,000	230,000	15,910,000	86,940,000
1918[2]	2,451,000	820,000	110,700,000	.....	.....	.....
ARKANSAS.						
1905	1,718,751	619,117	32,430,000	296,000	4,440,000	36,870,000
1906	2,097,000	941,177	45,140,000	419,000	5,550,000	50,690,000
1907	1,950,000	774,721	42,500,000	344,000	5,390,000	47,890,000
1908	2,296,000	1,032,920	45,710,000	459,000	6,430,000	52,140,000
1909	2,153,000	713,463	48,790,000	317,000	8,960,000	57,750,000
1910	2,238,000	821,233	58,060,000	365,000	8,800,000	66,860,000
1911	2,363,000	939,302	43,770,000	418,000	6,980,000	50,750,000
1912	1,991,000	792,048	46,650,000	352,000	7,040,000	53,690,000
1913	2,502,000	1,072,846	64,800,000	477,000	9,250,000	74,050,000
1914	2,480,000	1,016,170	35,720,000	451,000	7,670,000	43,390,000
1915	2,170,000	816,002	47,490,000	363,000	12,380,000	59,870,000
1916	2,600,000	1,134,033	99,740,000	504,000	25,330,000	125,070,000
1917	2,740,000	973,752	136,420,000	432,000	28,420,000	164,840,000
1918[2]	2,888,000	935,000	129,965,000	.....	.....	.....
FLORIDA.						
1905	256,173	68,797	4,660,000	33,000	530,000	5,190,000
1906	283,000	55,945	4,380,000	30,000	450,000	4,830,000
1907	265,000	49,794	4,150,000	29,000	510,000	4,660,000
1908	265,000	62,089	3,890,000	35,000	560,000	4,450,000
1909	263,000	54,011	5,020,000	30,000	740,000	5,760,000
1910	257,000	58,949	5,500,000	33,000	990,000	6,490,000
1911	308,000	83,388	5,400,000	46,000	800,000	6,200,000
1912	224,000	52,760	3,860,000	28,000	490,000	4,350,000
1913	188,000	58,695	4,280,000	31,000	650,000	4,930,000
1914	221,000	81,255	4,360,000	43,000	740,000	5,100,000
1915	193,000	47,831	3,540,000	27,000	850,000	4,390,000
1916	191,000	41,449	5,070,000	26,000	1,240,000	6,310,000
1917	183,000	37,858	8,660,000	25,000	1,600,000	10,260,000
1918[2]	154,000	25,000	5,375,000	.....	.....	.....
GEORGIA.						
1905	3,738,703	1,682,555	89,510,000	804,000	13,270,000	102,780,000
1906	4,610,000	1,592,572	78,000,000	712,000	10,790,000	88,790,000
1907	4,774,000	1,815,834	101,680,000	816,000	15,110,000	116,790,000
1908	4,848,000	1,931,179	86,780,000	867,000	15,090,000	101,870,000
1909	4,883,000	1,804,014	125,770,000	812,000	22,270,000	148,040,000
1910	4,873,000	1,767,202	123,700,000	795,000	22,580,000	146,280,000
1911	5,504,000	2,768,627	132,200,000	1,246,000	21,060,000	153,260,000
1912	5,335,000	1,776,546	103,040,000	798,000	16,360,000	119,400,000
1913	5,318,000	2,316,601	149,429,000	1,038,000	25,120,000	174,540,000
1914	5,433,000	2,718,037	101,110,000	1,217,000	24,580,000	125,690,000
1915	4,825,000	1,908,373	107,340,000	860,000	31,730,000	139,570,000
1916	5,277,000	1,820,939	164,250,000	826,000	45,980,000	210,230,000
1917	5,195,000	1,883,911	263,940,000	847,000	58,660,000	322,600,000
1918[2]	5,338,000	2,100,000	288,750,000	.....	.....	.....

[1] The figures represent equivalent 500-pound bales, gross weight.
[2] Figures of 1918 are those of the Department of Agriculture and relate solely to the farm.

No. 110.—COTTON CROP IN SPECIFIED YEARS, 1905 TO 1918: ACREAGE HARVESTED, PRODUCTION, AND FARM VALUE, BY STATES—Continued.

LOUISIANA.

Year.	Cotton.			Cotton seed.		Total value.
	Area.	Product.	Value.	Product.	Value.	
	Acres.	*Bales.*[1]	*Dollars.*	*Short tons.*	*Dollars.*	*Dollars.*
1905	1,561,774	513,480	26,880,000	246,000	3,930,000	30,810,000
1906	1,739,000	987,779	47,370,000	440,000	5,450,000	52,820,000
1907	1,622,000	675,428	37,070,000	300,000	4,800,000	41,870,000
1908	1,550,000	470,136	20,790,000	209,000	3,430,000	24,220,000
1909	957,000	253,412	17,310,000	112,000	3,280,000	20,590,000
1910	975,000	245,646	17,180,000	109,000	2,760,000	19,940,000
1911	1,075,000	384,597	18,460,000	171,000	3,080,000	21,540,000
1912	929,000	376,096	21,400,000	167,000	3,290,000	24,690,000
1913	1,244,000	448,821	27,160,000	197,000	3,640,000	30,800,000
1914	1,299,000	449,458	17,150,000	200,000	3,720,000	20,870,000
1915	990,000	341,063	18,660,000	151,000	4,830,000	23,490,000
1916	1,250,000	443,182	37,340,000	197,000	9,740,000	47,080,000
1917	1,454,000	633,729	84,180,000	284,000	18,080,000	102,260,000
1918[2]	1,560,000	525,000	72,188,000	.....	.....	.....

MISSISSIPPI.

1905	3,051,265	1,198,572	62,750,000	574,000	8,890,000	71,640,000
1906	3,408,000	1,530,748	73,350,000	680,000	8,440,000	81,790,000
1907	3,220,000	1,468,177	80,490,000	652,000	10,110,000	90,600,000
1908	3,395,000	1,655,945	73,210,000	736,000	11,510,000	84,720,000
1909	3,400,000	1,088,215	74,020,000	481,000	14,190,000	88,210,000
1910	3,317,000	1,262,680	89,150,000	561,000	14,700,000	103,850,000
1911	3,340,000	1,203,545	59,090,000	535,000	9,360,000	68,450,000
1912	2,889,000	1,046,418	62,110,000	465,000	10,140,000	72,250,000
1913	3,067,000	1,310,743	82,510,000	583,000	13,060,000	95,570,000
1914	3,054,000	1,245,535	45,400,000	553,000	10,340,000	55,740,000
1915	2,735,000	953,965	54,900,000	424,000	14,540,000	69,440,000
1916	3,110,000	811,794	73,950,000	361,000	18,840,000	92,790,000
1917	2,788,000	905,554	125,370,000	402,000	26,900,000	152,270,000
1918[2]	3,132,000	1,210,000	168,190,000	.....	.....	.....

MISSOURI.[3]

1905	66,444	44,146	2,310,000	20,000	320,000	2,630,000
1906	91,000	56,628	2,720,000	25,000	330,000	3,050,000
1907	71,000	38,977	2,140,000	17,000	260,000	2,400,000
1908	87,000	64,203	2,850,000	29,000	390,000	3,240,000
1909	106,000	47,433	3,240,000	22,000	600,000	3,840,000
1910	109,000	69,777	4,880,000	31,000	790,000	5,670,000
1911	141,000	114,023	5,180,000	51,000	1,120,000	6,300,000
1912	112,000	67,093	3,940,000	30,000	650,000	4,590,000
1913	126,000	99,618	6,220,000	44,000	950,000	7,170,000
1914	212,000	145,632	5,130,000	64,000	1,290,000	6,420,000
1915	150,000	83,699	4,640,000	37,000	1,200,000	5,840,000
1916	210,000	119,923	11,590,000	53,000	2,400,000	13,990,000
1917	345,000	146,060	22,870,000	66,000	3,910,000	26,780,000
1918[2]	439,000	229,000	37,794,000	.....	.....	.....

NORTH CAROLINA.

1905	1,085,568	619,141	32,300,000	295,000	5,020,000	37,320,000
1906	1,374,000	579,326	27,650,000	257,000	5,000,000	32,650,000
1907	1,408,000	605,310	33,080,000	268,000	5,580,000	38,660,000
1908	1,458,000	646,958	28,500,000	286,000	5,380,000	33,880,000
1909	1,274,000	600,606	40,920,000	266,000	7,940,000	48,860,000
1910	1,478,000	706,142	49,710,000	312,000	9,580,000	59,290,000
1911	1,624,000	1,075,826	50,780,000	476,000	9,140,000	59,920,000
1912	1,545,000	865,653	49,690,000	383,000	8,460,000	58,150,000
1913	1,576,000	792,545	50,450,000	351,000	9,130,000	59,580,000
1914	1,527,000	930,631	35,600,000	412,000	8,900,000	44,500,000
1915	1,282,000	699,494	39,170,000	310,000	11,470,000	50,640,000
1916	1,451,000	654,603	56,820,000	290,000	15,580,000	72,400,000
1917	1,515,000	617,989	85,310,000	273,000	18,630,000	103,940,000
1918[2]	1,565,000	870,000	114,840,000	.....	.....	.....

[1] The figures represent equivalent 500-pound bales, gross weight.
[2] Figures of 1918 are those of the Department of Agriculture and relate solely to the farm.
[3] Includes statistics for other cotton-producing localities not named.

No. 110.—Cotton Crop in Specified Years, 1905 to 1918: Acreage Harvested, Production, and Farm Value, by States—Continued.

OKLAHOMA.

Year.	Cotton.			Cotton seed.		Total value.
	Area.	Product.	Value.	Product.	Value.	
	Acres.	*Bales.*[1]	*Dollars.*	*Short tons.*	*Dollars.*	*Dollars.*
1905	1,234,822	677,106	35,490,000	324,000	3,820,000	39,310,000
1906	1,981,000	897,826	43,050,000	399,000	5,290,000	48,340,000
1907	2,196,000	862,333	47,310,000	388,000	6,660,000	53,970,000
1908	2,311,000	690,752	30,540,000	307,000	4,410,000	34,950,000
1909	1,977,000	544,954	37,230,000	242,000	6,330,000	43,560,000
1910	2,204,000	923,063	61,850,000	410,000	8,610,000	70,460,000
1911	3,050,000	1,022,092	45,480,000	454,000	7,260,000	52,740,000
1912	2,665,000	1,021,250	56,780,000	454,000	7,950,000	64,730,000
1913	3,009,000	840,387	49,500,000	373,000	7,650,000	57,150,000
1914	2,847,000	1,262,176	42,980,000	561,000	8,190,000	51,170,000
1915	1,895,000	639,626	35,590,000	285,000	8,720,000	44,310,000
1916	2,562,000	823,526	70,210,000	366,000	18,970,000	89,180,000
1917	2,783,000	959,081	123,960,000	426,000	26,310,000	150,270,000
1918[2]	3,095,000	550,000	70,125,000	.....	.....	.....

SOUTH CAROLINA.

1905	2,161,923	1,078,047	56,980,000	515,000	8,880,000	65,860,000
1906	2,389,000	876,181	42,580,000	390,000	7,310,000	49,890,000
1907	2,426,000	1,119,220	62,320,000	499,000	10,340,000	72,660,000
1908	2,545,000	1,170,608	52,330,000	522,000	9,630,000	61,960,000
1909	2,557,000	1,099,955	75,960,000	490,000	13,860,000	89,820,000
1910	2,534,000	1,163,501	81,560,000	518,000	14,760,000	96,320,000
1911	2,800,000	1,648,712	78,150,000	732,000	12,590,000	90,740,000
1912	2,695,000	1,182,128	69,150,000	526,000	11,150,000	80,300,000
1913	2,790,000	1,377,814	88,590,000	613,000	15,750,000	104,340,000
1914	2,861,000	1,533,810	59,510,000	682,000	14,190,000	73,700,000
1915	2,516,000	1,133,919	63,560,000	504,000	18,400,000	81,960,000
1916	2,780,000	931,330	82,140,000	414,000	22,760,000	104,900,000
1917	2,837,000	1,236,871	169,020,000	550,000	38,200,000	207,220,000
1918[2]	3,047,000	1,500,000	207,000,000	.....	.....	.....

TENNESSEE.

1905	757,397	278,637	14,590,000	133,000	2,040,000	16,630,000
1906	814,000	306,037	14,670,000	136,000	1,670,000	16,340,000
1907	749,000	275,235	15,100,000	122,000	1,900,000	17,000,000
1908	754,000	344,485	15,230,000	153,000	2,250,000	17,480,000
1909	788,000	246,630	16,870,000	110,000	3,000,000	19,870,000
1910	765,000	331,947	23,400,000	148,000	3,820,000	27,220,000
1911	837,000	449,787	20,760,000	200,000	3,620,000	24,380,000
1912	783,000	276,546	16,510,000	123,000	2,820,000	19,330,000
1913	865,000	379,471	24,320,000	169,000	4,140,000	28,460,000
1914	915,000	383,517	13,600,000	171,000	3,130,000	16,730,000
1915	772,000	303,420	17,200,000	135,000	4,730,000	22,020,000
1916	887,000	382,422	33,580,000	170,000	8,770,000	42,350,000
1917	882,000	240,525	33,040,000	107,000	7,090,000	40,130,000
1918[2]	940,000	330,000	44,055,000	.....	.....	.....

[1] The figures represent equivalent 500-pound bales, gross weight.
[2] Figures of 1918 are those of the Department of Agriculture and relate solely to the farm.

No. 110.—Cotton Crop in Specified Years, 1905 to 1918: Acreage Harvested, Production, and Farm Value, by States—Continued.

TEXAS.

Year.	Cotton.			Cotton seed.		Total value.
	Area.	Product.	Value.	Product.	Value.	
	Acres.	*Bales.*[1]	*Dollars.*	*Short tons.*	*Dollars.*	*Dollars.*
1905	6,945,501	2,541,932	133,330,000	1,219,000	15,540,000	148,870,000
1906	8,894,000	4,174,206	200,320,000	1,858,000	23,230,000	223,550,000
1907	9,156,000	2,300,179	126,310,000	1,024,000	17,770,000	144,080,000
1908	9,316,000	3,814,485	168,960,000	1,698,000	23,650,000	192,610,000
1909	9,930,000	2,522,811	172,590,000	1,129,000	29,350,000	201,940,000
1910	10,060,000	3,049,409	210,260,000	1,356,000	31,050,000	241,310,000
1911	10,943,000	4,256,427	207,500,000	1,893,000	30,670,000	338,170,000
1912	11,338,000	4,880,210	275,490,000	2,171,000	37,120,000	312,610,000
1913	12,597,000	3,944,970	240,450,000	1,755,000	36,150,000	276,600,000
1914	11,931,000	4,592,112	165,770,000	2,043,000	31,260,000	197,030,000
1915	10,510,000	3,227,480	177,830,000	1,436,000	42,070,000	219,900,000
1916	11,400,000	3,725,700	309,790,000	1,658,000	75,940,000	385,730,000
1917	11,092,000	3,125,378	406,300,000	1,390,000	89,290,000	495,590,000
1918[2]	11,235,000	2,580,000	363,780,000	.....	.....	.....

VIRGINIA.

1905	38,664	14,913	780,000	8,000	110,000	890,000
1906	36,000	13,862	660,000	6,000	120,000	780,000
1907	35,000	9,228	510,000	4,000	80,000	590,000
1908	28,000	12,326	540,000	5,000	100,000	640,000
1909	25,000	10,095	690,000	4,000	120,000	810,000
1910	33,000	14,815	1,040,000	7,000	210,000	1,250,000
1911	43,000	29,891	1,410,000	13,000	250,000	1,660,000
1912	47,000	24,398	1,400,000	11,000	240,000	1,640,000
1913	47,000	23,490	1,490,000	10,000	260,000	1,750,000
1914	45,000	25,222	980,000	11,000	240,000	1,200,000
1915	34,000	15,809	880,000	7,000	260,000	1,140,000
1916	42,000	27,127	2,350,000	12,000	640,000	2,990,000
1917	50,000	18,777	2,590,000	8,000	550,000	3,140,000
1918[2]	46,000	26,000	3,445,000	.....	.....	.....

TOTAL.

1905	26,117,153	10,575,017	556,830,000	5,060,000	75,470,000	632,300,000
1906	31,374,000	13,273,809	640,310,000	5,913,000	81,340,000	721,650,000
1907	31,311,000	11,107,179	613,630,000	4,952,000	87,330,000	700,960,000
1908	32,444,000	13,241,799	588,810,000	5,904,000	92,420,000	681,230,000
1909	32,044,000	10,004,949	688,350,000	4,462,000	123,740,000	812,090,000
1910	32,403,000	11,608,616	809,710,000	5,176,000	133,810,000	943,520,000
1911	36,045,000	15,692,701	749,890,000	6,997,000	119,800,000	869,690,000
1912	34,283,000	13,703,421	786,800,000	6,104,000	117,330,000	904,130,000
1913	37,089,000	14,156,486	885,350,000	6,305,000	141,350,000	1,026,700,000
1914	36,832,000	16,134,930	591,130,000	7,186,000	128,950,000	720,080,000
1915	31,412,000	11,191,820	627,940,000	4,992,000	167,900,000	795,840,000
1916	34,985,000	11,449,930	994,060,000	5,113,000	259,070,000	1,253,130,000
1917	33,841,000	11,302,375	1,532,690,000	5,040,000	333,550,000	1,866,240,000
1918[2]	35,890,000	11,700,000	1,616,207,000	.....	.....	.....

[1] The figures represent equivalent 500-pound bales, gross weight.
[2] Figures of 1918 are those of the Department of Agriculture and relate solely to the farm.

No. 111.—TOBACCO CROP IN CONTINENTAL UNITED STATES, 1908 TO 1918: ESTIMATED ACREAGE, PRODUCT, AND FARM VALUE,[1] BY STATES.

[Source: Reports of the Department of Agriculture.]

Calendar year.	Connecticut.			Illinois.			Indiana.			Kentucky.			Maryland.		
	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.
	Acres.	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*
1908	13,824	23,224,320	3,948,134	1,500	1,132,500	96,262	12,450	8,715,000	1,045,800	240,000	195,600,000	17,799,600	26,000	18,200,000	1,365,000
1909	13,400	22,110,000	3,648,150	1,500	1,125,000	123,750	20,000	19,000,000	2,090,000	420,000	350,700,000	37,174,200	25,000	17,750,000	1,473,250
1910	16,000	27,680,000	4,567,200	1,500	1,185,000	112,575	30,000	26,400,000	2,508,000	525,000	425,250,000	36,996,750	30,000	20,700,000	1,593,900
1911	17,000	27,625,000	5,663,125	1,000	750,000	58,500	22,000	20,020,000	1,561,560	345,000	303,600,000	23,377,200	26,000	19,110,000	1,433,250
1912	17,500	29,750,000	7,170,000	900	684,000	62,000	18,700	14,960,000	1,346,000	441,000	343,980,000	29,926,000	26,000	17,160,000	1,373,000
1913	18,400	28,520,000	5,989,000	800	560,000	64,000	15,900	11,925,000	1,312,000	370,000	281,200,000	28,120,000	25,000	18,500,000	1,720,000
1914	20,200	35,754,000	6,614,000	600	468,000	56,000	13,500	12,150,000	1,094,000	400,000	364,000,000	30,576,000	22,000	17,600,000	1,408,000
1915	22,200	29,970,000	5,095,000	700	595,000	54,000	13,500	11,340,000	828,000	440,000	356,400,000	27,799,000	22,000	16,280,000	1,384,000
1916	22,200	36,186,000	9,770,000	700	525,000	52,000	14,800	13,764,000	1,789,000	484,000	435,600,000	55,321,000	25,500	19,635,000	3,142,000
1917	24,000	33,600,000	12,902,000	700	560,000	106,000	15,500	14,725,000	2,945,000	490,000	441,000,000	88,200,000	28,600	22,594,000	4,519,000
1918	25,000	37,500,000	16,500,000	700	532,000	90,000	16,300	15,159,000	3,032,000	475,000	427,500,000	98,325,000	28,600	23,738,000	7,121,000

Calendar year.	Massachusetts.			Missouri.			New York.			North Carolina.			Ohio.		
	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.
	Acres.	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*
1908	4,512	7,444,800	1,153,944	2,500	2,187,500	273,438	6,177	7,257,975	689,508	200,000	134,000,000	14,070,000	50,400	33,768,000	3,545,640
1909	4,400	7,040,000	985,600	5,000	4,425,000	575,250	6,000	7,050,000	564,000	240,000	144,000,000	13,680,000	90,000	83,250,000	8,741,250
1910	5,500	9,515,000	1,427,250	8,000	8,400,000	1,008,000	4,000	5,000,000	425,000	200,000	120,000,000	12,720,000	110,000	89,100,000	7,573,500
1911	5,600	9,240,000	1,848,000	6,000	4,800,000	576,000	3,800	5,054,000	525,616	140,000	99,400,000	11,530,400	88,000	81,400,000	6,186,400
1912	5,800	9,860,000	2,357,000	6,000	6,000,000	720,000	4,000	5,200,000	655,000	179,000	110,980,000	17,757,000	86,200	79,304,000	7,217,000
1913	6,100	9,455,000	1,986,000	5,100	3,315,000	421,000	4,300	4,386,000	535,000	250,000	167,500,000	30,988,000	81,900	61,425,000	7,002,000
1914	6,600	11,550,000	2,044,000	4,100	4,920,000	640,000	4,600	5,980,000	718,000	265,000	172,250,000	19,809,000	86,800	78,120,000	6,875,000
1915	8,800	9,680,000	1,404,000	3,500	3,150,000	378,000	4,400	5,280,000	502,000	320,000	198,400,000	22,221,000	93,700	84,330,000	7,590,000
1916	9,100	15,099,000	3,752,000	3,200	3,040,000	456,000	3,700	4,551,000	592,000	320,000	176,000,000	35,200,000	100,000	95,000,000	12,350,000
1917	9,000	12,600,000	4,838,000	3,000	2,820,000	598,000	2,500	3,125,000	688,000	380,000	239,400,000	75,411,000	103,200	99,072,000	24,768,000
1918	10,000	15,000,000	6,000,000	3,300	2,970,000	742,000	3,000	3,750,000	1,125,000	400,000	282,000,000	101,520,000	115,600	113,288,000	30,588,000

Calendar year.	Pennsylvania.			South Carolina.			Tennessee.			Virginia.		
	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.
	Acres.	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*
1908	29,440	39,008,000	4,095,840	29,000	25,085,000	2,508,500	65,000	52,000,000	4,680,000	140,000	114,100,000	10,497,200
1909	31,200	30,732,000	2,765,880	40,000	32,000,000	2,336,000	73,000	53,290,000	4,156,620	155,000	120,125,000	10,210,625
1910	43,000	64,500,000	5,998,500	25,000	15,750,000	1,354,500	110,000	83,600,000	7,022,400	192,000	149,760,000	13,478,400
1911	46,000	65,320,000	6,205,400	13,600	11,016,000	1,388,016	77,000	62,370,000	5,301,450	160,000	128,000,000	12,288,000
1912	44,200	64,090,000	5,448,000	35,000	24,500,000	2,670,000	110,000	72,600,000	5,155,000	187,000	112,200,000	13,464,000
1913	38,900	46,680,000	3,501,000	43,800	33,288,000	4,594,000	90,000	64,800,000	5,443,000	200,000	154,000,000	21,406,000
1914	33,100	47,995,000	4,050,000	50,000	36,500,000	3,540,000	74,400	63,468,600	4,760,000	175,000	113,750,000	10,238,000
1915	31,400	42,390,000	3,900,000	65,000	37,700,000	2,639,000	92,900	69,675,000	4,390,000	192,500	144,375,000	13,571,000
1916	36,100	49,096,000	6,972,000	39,000	20,280,000	2,839,000	102,200	81,760,000	8,258,000	190,000	129,200,000	18,863,000
1917	41,500	58,100,000	12,201,000	72,000	51,120,000	11,809,000	101,000	81,810,000	13,908,000	185,000	129,500,000	34,318,000
1918	45,600	64,752,000	16,188,000	86,400	62,208,000	18,662,000	77,800	62,240,000	10,581,000	190,000	146,300,000	38,038,000

Calendar year.	West Virginia.			Wisconsin.			All other States.			Total.		
	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.	Area.	Product.	Value.
	Acres.	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*	*Acres.*	*Pounds.*	*Dollars.*
1908	6,200	4,650,000	651,000	35,000	39,550,000	3,955,000	13,422	12,138,285	3,755,319	875,425	718,061,380	74,130,185
1909	14,400	12,600,000	1,663,200	31,500	37,170,000	3,419,640	9,900	6,990,000	2,111,950	1,180,300	949,357,000	95,719,365
1910	25,000	16,000,000	1,648,000	34,000	35,700,000	2,677,500	7,100	4,875,000	1,030,950	1,366,100	1,103,415,000	102,142,425
1911	15,000	11,250,000	900,000	41,000	51,250,000	5,125,000	5,800	4,904,000	1,242,470	1,012,800	905,109,000	85,210,387
1912	15,800	12,008,000	1,321,000	42,200	54,438,000	5,988,000	6,500	5,141,000	1,434,000	1,225,800	962,855,000	104,063,000
1913	15,000	10,200,000	1,224,000	43,000	50,740,000	6,089,000	7,900	7,240,000	2,087,000	1,216,100	953,734,000	122,481,000
1914	10,800	8,856,000	974,000	45,600	53,808,000	5,919,000	8,200	7,510,000	2,066,000	1,223,500	1,034,679,000	101,411,000
1915	11,300	9,831,000	983,000	41,000	36,900,000	2,214,000	7,000	5,941,000	1,329,000	1,369,900	1,062,237,000	96,281,000
1916	14,100	12,690,000	1,904,000	43,900	55,753,000	6,969,000	5,100	5,424,000	1,501,000	1,413,400	1,153,278,000	169,672,000
1917	11,300	9,040,000	2,350,000	44,500	44,500,000	7,788,000	6,000	5,710,000	3,100,000	1,517,800	1,249,276,000	300,449,000
1918	13,600	9,792,000	2,546,000	49,000	65,170,000	19,551,000	9,100	8,120,000	3,709,000	1,549,000	1,340,019,000	374,318,000

[1] The value given is for Dec. 1.

No. 112.—WOOL, WASHED AND UNWASHED: PRODUCTION, CALENDAR YEARS 1917 AND 1918, WITH NUMBER OF FLEECES AND WEIGHT PER FLEECE, BY STATES.

[Source: Reports of the Department of Agriculture.]

State.	1917			1918[1]		
	Number of fleeces.	Weight of fleece.	Production.	Number of fleeces.	Weight of fleece.	Production.
		Pounds.	*Pounds.*		*Pounds.*	*Pounds.*
Alabama	106,000	3.3	350,000	105,000	3.5	368,000
Arizona	897,000	6.5	5,831,000	927,000	6.1	5,656,000
Arkansas	78,000	4.5	350,000	82,000	4.9	402,000
California	1,740,000	7.0	12,180,000	1,792,000	7.0	12,545,000
Colorado	1,378,000	6.4	8,820,000	1,494,000	6.2	9,261,000
Connecticut	14,000	5.5	75,000	14,000	5.5	76,000
Delaware	5,000	5.8	31,000	5,000	5.7	31,000
Florida	127,000	2.8	355,000	133,000	3.2	426,000
Georgia	157,000	2.9	455,000	165,000	2.9	478,000
Idaho	2,303,000	7.6	17,500,000	2,468,000	7.9	19,500,000
Illinois	488,000	7.9	3,855,000	506,000	8.0	4,048,000
Indiana	619,000	7.0	4,332,000	671,000	7.1	4,765,000
Iowa	584,000	7.7	4,500,000	642,000	7.5	4,815,000
Kansas	191,000	7.6	1,450,000	214,000	7.6	1,624,000
Kentucky	619,000	4.8	2,969,000	624,000	4.9	3,058,000
Louisiana	156,000	3.6	560,000	161,000	3.7	594,000
Maine	126,000	6.6	833,000	132,000	6.7	883,000
Maryland	126,000	6.0	758,000	133,000	5.8	773,000
Massachusetts	18,000	6.5	119,000	20,000	6.0	119,000
Michigan	1,107,000	7.4	8,192,000	1,184,000	7.4	8,765,000
Minnesota	380,000	7.8	2,964,000	421,000	7.4	3,112,000
Mississippi	149,000	3.3	491,000	155,000	4.0	619,000
Missouri	687,000	7.0	4,810,000	790,000	7.0	5,532,000
Montana	3,071,000	7.6	23,342,000	2,847,000	8.2	23,342,000
Nebraska	213,000	7.5	1,600,000	217,000	7.8	1,690,000
Nevada	1,233,000	7.3	9,000,000	1,429,000	7.0	10,000,000
New Hampshire	27,000	6.7	183,000	27,000	7.0	192,000
New Jersey	15,000	5.2	80,000	16,000	5.5	88,000
New Mexico	3,176,000	5.8	18,422,000	3,059,000	5.6	17,132,000
New York	517,000	6.8	3,514,000	547,000	7.0	3,830,000
North Carolina	146,000	3.8	553,000	142,000	4.0	570,000
North Dakota	192,000	7.4	1,418,000	205,000	7.6	1,560,000
Ohio	1,622,000	7.4	12,000,000	1,726,000	7.3	12,600,000
Oklahoma	69,000	6.5	450,000	76,000	6.8	518,000
Oregon	1,463,000	8.2	12,000,000	1,562,000	8.0	12,500,000
Pennsylvania	650,000	6.5	4,225,000	713,000	6.7	4,774,000
Rhode Island	4,000	6.2	24,000	4,000	6.0	24,000
South Carolina	24,000	4.0	95,000	26,000	4.0	103,000
South Dakota	512,000	7.3	3,738,000	641,000	7.4	4,747,000
Tennessee	423,000	4.2	1,776,000	425,000	4.6	1,954,000
Texas	1,435,000	7.0	10,045,000	1,607,000	7.0	11,250,000
Utah	1,947,000	7.6	14,800,000	2,052,000	7.7	15,800,000
Vermont	82,000	7.3	597,000	92,000	7.2	663,000
Virginia	405,000	4.6	1,862,000	408,000	4.7	1,918,000
Washington	573,000	8.4	4,813,000	640,000	8.6	5,504,000
West Virginia	539,000	5.0	2,695,000	544,000	5.2	2,830,000
Wisconsin	316,000	7.9	2,500,000	375,000	7.6	2,850,000
Wyoming	3,705,000	8.2	30,380,000	4,051,000	8.4	34,026,000
Total	34,414,000	7.0	241,892,000	36,269,000	7.0	257,921,000
Pulled wool	.....	.....	40,000,000	.....	.....	42,000,000
Total product	34,414,000	7.0	281,892,000	36,269,000	7.0	299,921,000

[1] Preliminary figures.

No. 113.—SUGAR BEETS: ACREAGE AND PRODUCTION, 1899 AND 1909, BY STATES.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	Acreage.				Production (tons).			
	1899	1909	Increase.[1]		1899	1909	Increase.	
			Amount.	Per cent.			Amount.	Per cent.
Arizona	.....	4,443	4,443	.....	.....	49,630	49,630	.....
California	41,242	78,957	37,715	91.4	356,535	845,191	488,656	137.1
Colorado	1,094	108,082	106,988	9,779.5	6,656	1,231,712	1,225,056	18,405.3
Idaho	.....	15,601	15,601	.....	.....	179,661	179,661	.....
Illinois	1,370	1,181	− 189	−13.8	9,109	14,981	5,872	64.5
Indiana	.....	756	756	.....	.....	7,194	7,194	.....
Iowa	.....	1,051	1,051	.....	.....	7,117	7,117	.....
Kansas	.....	5,851	5,851	.....	.....	50,736	50,736	.....
Michigan	40,247	78,779	38,532	95.7	215,373	707,639	492,266	228.6
Minnesota	2,114	2,238	124	5.9	15,959	24,140	8,181	51.3
Montana	.....	8,804	8,804	.....	.....	109,434	109,434	.....
Nebraska	8,662	4,191	−4,471	−51.6	62,470	39,874	−22,596	−36.2
New Mexico	1,298	55	−1,243	−95.8	3,965	239	− 3,726	−94.0
New York	2,053	1,313	− 740	−36.0	16,003	10,990	− 5,013	−31.3
Ohio	.....	7,036	7,036	.....	.....	63,696	63,696	.....
Oregon	2,510	1,176	−1,334	−53.1	14,462	15,606	1,144	7.9
Utah	7,546	27,472	19,926	264.1	85,914	413,946	328,032	381.8
Washington	1,863	1,820	− 43	− 2.3	6,149	13,794	7,645	124.3
Wisconsin	34	12,379	12,345	(2)	233	127,526	127,293	54,632.2
Wyoming	.....	1,207	1,207	.....	.....	13,418	13,418	.....
All other States	137	1,701	1,564	1,141.6	525	6,333	5,808	1,106.3
Total	110,170	364,093	253,923	230.5	793,353	3,932,857	3,139,504	395.7

[1] A minus sign (−) denotes decrease.
[2] Per cent not calculated when base is less than 100.

No. 114.—FLAXSEED CROP: ESTIMATED ACREAGE, PRODUCTION, AND VALUE, 1908 TO 1917, AND IN 1918, BY STATES.

[Source: Reports of the Department of Agriculture.]

State.	Area.	Production.	Farm value, Dec. 1.	Average price per bushel, Dec. 1.	Average yield per acre.	Average farm value of yield per acre, Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Dollars.*	*Bushels.*	*Dollars.*
Iowa	13,000	143,000	143,000	3.20	11.0	35.20
Kansas	41,000	205,000	205,000	3.30	5.0	16.50
Minnesota	300,000	3,120,000	3,120,000	3.41	10.4	35.46
Missouri	6,000	48,000	48,000	3.00	8.0	24.00
Montana	547,000	2,844,000	2,844,000	3.38	5.2	17.58
Nebraska	4,000	38,000	38,000	3.30	9.5	31.35
North Dakota	880,000	6,864,000	6,864,000	3.45	7.8	26.91
South Dakota	144,000	1,368,000	1,368,000	3.25	9.5	30.88
Wyoming	3,000	27,000	27,000	3.25	9.0	29.25
Total, 1918	1,938,000	14,657,000	14,657,000	3.40	7.6	25.73
1908	2,697,000	25,805,000	30,577,000	1.18	9.6	11.33
1909	2,742,000	25,856,000	39,466,000	1.53	9.4	14.39
1910	2,467,000	12,718,000	29,472,000	2.32	5.2	11.95
1911	2,757,000	19,370,000	35,272,000	1.82	7.0	12.79
1912	2,851,000	28,073,000	32,202,000	1.15	9.8	11.29
1913	2,291,000	17,853,000	21,399,000	1.20	7.8	9.34
1914	1,645,000	13,749,000	17,318,000	1.26	8.4	10.53
1915	1,387,000	14,030,000	24,410,000	1.74	10.1	17.60
1916	1,474,000	14,296,000	35,541,000	2.49	9.7	24.11
1917	1,984,000	9,164,000	27,182,000	2.97	4.6	13.70

No. 115.—ACREAGE FOR ALL CROPS WITH ACREAGE REPORTS: 1899 AND 1909.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Crop.	1899	1909	Increase.[1]	
			Amount.	Per cent.
Cereals:				
Corn	94,913,673	98,382,665	3,468,992	3.7
Oats	29,539,698	35,159,441	5,619,743	19.0
Wheat	52,588,574	44,262,592	−8,325,982	− 15.8
Barley	4,470,196	7,698,706	3,228,510	72.2
Buckwheat	807,060	878,048	70,988	8.8
Rye	2,054,292	2,195,561	141,269	6.9
Kafir corn and milo maize	266,513	1,635,153	1,368,640	513.5
Emmer and spelt	.....	573,622	573,622	.....
Rice (rough)	342,214	610,175	267,961	78.3
Total	184,982,220	191,395,963	6,413,743	3.5
Other grains and seeds:				
Dry edible beans	453,841	802,991	349,150	76.9
Other beans	25,738	14,947	− 10,791	− 41.9
Dry peas	968,370	1,305,099	336,729	34.8
Peanuts	516,654	869,887	353,233	68.4
Flaxseed	2,110,517	2,083,142	− 27,375	− 1.3
Miscellaneous seeds	(2)	81,308	81,308	.....
Total	4,075,120	5,157,374	1,082,254	26.6
Hay and forage	61,691,069	72,280,776	10,589,707	17.2
Tobacco	1,101,460	1,294,911	193,451	17.6
Cotton	24,275,101	32,043,838	7,768,737	32.0
Sugar crops:				
Sugar beets	110,170	364,093	253,923	230.5
Sorghum cane	293,152	444,089	150,937	51.5
Sugar cane	386,986	476,849	89,863	23.2
Total	790,308	1,285,031	494,723	62.6
Minor field crops:				
Broom corn	178,584	326,102	147,518	82.6
Hemp	16,042	7,647	− 8,395	− 52.3
Hops	55,613	44,693	− 10,920	− 19.6
All other	[2] 35,974	12,342	− 23,632	− 65.7
Total	286,213	390,784	104,571	36.5
Vegetables:				
Irish potatoes	2,938,778	3,668,855	730,077	24.8
Sweet potatoes and yams	537,312	641,255	103,943	19.3
Other vegetables	2,162,130	2,763,269	601,139	27.8
Total	5,638,220	7,073,379	1,435,159	25.5
Small fruits:				
Strawberries	151,363	143,045	− 8,318	− 5.5
Blackberries and dewberries	50,211	49,004	− 1,207	− 2.4
Raspberries and loganberries	60,916	48,668	− 12,248	− 20.1
Cranberries	20,364	18,431	− 1,933	− 9.5
All other	26,916	13,312	− 13,604	− 50.5
Total	309,770	272,460	− 37,310	− 12.0
Flowers and plants	9,307	18,248	8,941	96.1
Nursery products	59,492	80,618	21,126	35.5
Grand total [3]	283,218,280	311,293,382	28,075,102	9.9

[1] A minus sign (−) denotes decrease.
[2] Acreage reports for miscellaneous seeds were consolidated with those for minor field crops in 1900.
[3] Several crops or farm products for which the Census Bureau has no separate acreage reports yielded considerable returns. The acreage of cotton seed, if separately reported, would be a duplication of the acreage of cotton; that of grass seed, of hay and forage crops; and that of vegetable and flower seeds, of vegetables and of flowers and plants. Such products as flax fiber, flax straw, other straw, and cornstalks and leaves come from the acreage reported under cereals. No acreage could be given for the maple sugar and sirup or forest products. The number of trees of bearing age and the number not of bearing age were thought to be more satisfactory as a measure of the extent of the fruit and nut industry than acreage, and, therefore, acreage reports are not shown except for small fruits.

No. 116.—PRODUCTION OF ALL CROPS FOR WHICH QUANTITY PRODUCED CAN BE GIVEN: 1899 AND 1909.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Crop.[1]	1899	1909	Increase.[2] Amount.	Increase.[2] Per cent.
Cereals:				
Corn ... bushels	2,666,324,370	2,552,189,630	−114,134,740	− 4.3
Oats ... do	943,389,375	1,007,142,980	63,753,605	6.8
Wheat ... do	658,534,252	683,379,259	24,845,007	3.8
Barley ... do	119,634,877	173,344,212	53,709,335	44.9
Buckwheat ... do	11,233,515	14,849,332	3,615,817	32.2
Rye ... do	25,568,625	29,520,457	3,951,832	15.5
Kafir corn and milo maize ... do	5,169,113	17,597,305	12,428,192	240.4
Emmer and spelt ... do	.....	12,702,710	12,702,710	.....
Rice (rough) ... do	9,002,886	21,838,580	12,835,694	142.6
Total	4,438,857,013	4,512,564,465	73,707,452	1.7
Other grains and seeds:				
Dry edible beans ... bushels	5,064,490	11,251,160	6,186,670	122.2
Other beans ... do	143,388	179,733	36,345	25.3
Dry peas ... do	9,440,210	7,129,294	− 2,310,916	−24.5
Peanuts ... do	11,964,109	19,415,816	7,451,707	62.3
Flaxseed ... do	19,979,492	19,512,765	− 466,727	− 2.3
Grass seed ... do	4,865,078	6,671,348	1,806,270	37.1
Hay and forage ... tons	79,251,562	97,453,735	18,202,173	23.0
Tobacco ... pounds	868,112,865	1,055,764,806	187,651,941	21.6
Cotton ... bales	9,534,707	10,649,268	1,114,561	11.7
Cotton seed [3] ... tons	4,767,353	5,324,634	557,281	11.7
Sugar crops:				
Sugar beets ... do	793,353	3,932,857	3,139,504	395.7
Sorghum cane ... do	1,910,046	1,647,262	− 262,784	−13.8
Sugar cane ... do	4,202,202	6,240,260	2,038,058	48.5
Minor field crops:				
Broom corn ... pounds	90,947,370	78,959,958	− 11,987,412	−13.2
Hemp ... do	11,750,630	7,483,295	− 4,267,335	−36.3
Hops ... do	49,209,704	40,718,748	− 8,490,956	−17.3
Vegetables:				
Irish potatoes ... bushels	273,318,167	389,194,965	115,876,798	42.4
Sweet potatoes and yams ... do	42,517,412	59,232,070	16,714,658	39.3
Fruits and nuts:				
Fruits—				
Small fruits—				
Strawberries ... quarts	257,427,103	255,702,035	− 1,725,068	− 0.7
Blackberries and dewberries ... do	62,189,885	55,343,570	− 6,846,315	−11.0
Raspberries and loganberries ... do	76,628,107	60,918,196	− 15,709,911	−20.5
Cranberries ... do	31,600,512	38,243,060	6,642,548	21.0
All other ... do	35,373,005	16,359,002	− 19,014,003	−53.8
Total small fruits	463,218,612	426,565,863	− 36,652,749	− 7.9
Orchard fruits—				
Apples ... bushels	175,397,600	146,122,318	29,275,282	−16.7
Peaches and nectarines ... do	15,432,603	35,470,276	20,037,673	129.8
Pears ... do	6,625,417	8,840,733	2,215,316	33.4
Plums and prunes ... do	8,764,032	15,480,170	6,716,138	76.6
Cherries ... do	2,873,499	4,126,099	1,252,600	43.6
Apricots ... do	2,642,128	4,150,263	1,508,135	57.1
All other ... do	630,321	493,836	− 136,485	−21.7
Total orchard fruits	212,365,600	214,683,695	2,318,095	1.1
Grapes ... pounds	1,300,984,097	2,571,065,205	1,270,081,108	97.6
Subtropical fruits—				
Oranges ... boxes	6,167,891	19,487,481	13,319,590	216.0
Lemons ... do	876,876	2,770,313	1,893,437	215.9
Pomelos (grapefruit) ... do	30,790	1,189,250	1,158,460	3,762.3
Figs ... pounds	12,994,834	35,060,395	22,065,561	169.8
Pineapples ... crates	95,456	778,651	683,195	715.7
Olives ... pounds	5,053,637	16,405,493	11,351,856	224.6
Nuts—				
Almonds ... do	7,142,710	6,793,539	− 349,171	− 4.9
Pecans ... do	3,206,850	9,890,769	6,683,919	208.4
Walnuts (Persian or English) ... do	10,668,065	22,026,524	11,358,459	106.5
All other [4] ... do	19,011,200	23,617,178	4,605,978	24.2
Total nuts	40,028,825	62,328,010	22,299,185	55.7

[1] Quantity could not be shown with any degree of accuracy for flower and vegetable seeds and other miscellaneous classes of seeds, nor for many minor crops. No satisfactory unit of measure could be found for such major crops as miscellaneous vegetables, flowers and plants, nursery products, and forest products.
[2] A minus sign (—) denotes decrease.
[3] Estimated.
[4] Does not include coconuts, which are reported by number.

No. 117.—VALUE OF ALL CROPS: 1899 AND 1909.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Crop.	1899	1909	Increase.[1]	
			Amount.	Per cent.
	Dollars.	*Dollars.*	*Dollars.*	
Cereals:				
Corn	828,192,388	1,438,553,919	610,361,531	73.7
Oats	217,098,584	414,697,422	197,598,838	91.0
Wheat	369,945,320	657,656,801	287,711,481	77.8
Barley	41,631,762	92,458,571	50,826,809	122.1
Buckwheat	5,747,853	9,330,592	3,582,739	62.3
Rye	12,290,540	20,421,812	8,131,272	66.2
Kafir corn and milo maize	1,367,040	10,816,940	9,449,900	691.3
Emmer and spelt	.....	5,584,050	5,584,050	.....
Rice (rough)	6,329,562	16,019,607	9,690,045	153.1
Total	1,482,603,049	2,665,539,714	1,182,936,665	79.8
Other grains and seeds:				
With acreage reports—				
Dry edible beans	7,633,636	21,771,482	14,137,846	185.2
Other beans	134,084	241,060	106,976	79.8
Dry peas	7,908,966	10,963,739	3,054,773	38.6
Peanuts	7,270,515	18,271,929	11,001,414	151.3
Flaxseed	19,624,901	28,970,554	9,345,653	47.6
Miscellaneous seeds	.....	768,625	768,625	.....
Total with acreage reports	42,572,102	80,987,389	38,415,287	90.2
Grass seed	8,228,417	15,137,683	6,909,266	84.0
Flower and vegetable seeds	826,019	1,411,013	584,994	70.8
Total other grains and seeds	51,626,538	97,536,085	45,909,547	88.9
Hay and forage	484,254,703	824,004,877	339,750,174	70.2
Tobacco	56,987,902	104,302,856	47,314,954	83.0
Cotton and cotton seed:				
Cotton	323,758,171	703,619,303	379,861,132	117.3
Cotton seed [2]	46,950,575	121,076,984	74,126,409	157.9
Total	370,708,746	824,696,287	453,987,541	122.5
Sugar crops:				
With acreage reports—				
Sugar beets	3,323,240	19,880,724	16,557,484	498.2
Sorghum cane	6,103,102	10,174,457	4,071,355	66.7
Sugar cane	20,541,636	26,415,952	5,874,316	28.6
Total with acreage reports	29,967,978	56,471,133	26,503,155	88.4
Maple sugar and sirup	2,636,711	5,177,809	2,541,098	96.4
Total sugar crops	32,604,689	61,648,942	29,044,253	89.1
Minor field crops:				
With acreage reports—				
Broom corn	3,588,414	5,134,434	1,546,020	43.0
Hemp	546,338	412,699	−133,639	−24.5
Hops	4,081,929	7,844,745	3,762,816	92.2
All other	584,153	595,674	11,521	2.0
Total with acreage reports	8,800,834	13,987,552	5,186,718	58.9
Without acreage reports	789,958	4,081,106	3,291,148	416.6
Total minor field crops	9,590,792	18,068,658	8,477,866	88.4
Vegetables:				
Irish potatoes	98,380,110	166,423,910	68,043,800	69.2
Sweet potatoes and yams	19,859,840	35,420,176	15,559,336	78.3
Other vegetables	120,281,811	216,257,068	95,975,257	79.8
Total	238,531,761	418,110,154	179,578,393	75.3

[1] A minus sign (−) denotes decrease. [2] Estimated.

No. 117.—VALUE OF ALL CROPS: 1899 AND 1909—Continued.

Crop.	1899	1909	Increase.	
			Amount.	Per cent.
Fruits and nuts:				
Fruits—				
Small fruits—	*Dollars.*	*Dollars.*	*Dollars.*	
Strawberries	.....	17,913,926	.....	.....
Blackberries and dewberries	.....	3,909,831	.....	.....
Raspberries and loganberries	.....	5,132,277	.....	.....
Cranberries	.....	1,755,613	.....	.....
All other	.....	1,262,834	.....	.....
Total small fruits	25,029,757	29,974,481	4,944,724	19.8
Orchard fruits—				
Apples	.....	83,231,492	.....	.....
Peaches and nectarines	.....	28,781,078	.....	.....
Pears	.....	7,910,600	.....	.....
Plums and prunes	.....	10,299,495	.....	.....
Cherries	.....	7,231,160	.....	.....
Apricots	.....	2,884,119	.....	.....
All other	.....	529,403	.....	.....
Total orchard fruits	83,750,961	140,867,347	57,116,386	68.2
Grapes	14,090,234	22,027,961	7,937,727	56.3
Subtropical fruits—				
Oranges	.....	17,566,464	.....	.....
Lemons	.....	2,993,738	.....	.....
Pomelos (grapefruit)	.....	2,060,610	.....	.....
Figs	.....	803,810	.....	.....
Pineapples	.....	734,090	.....	.....
Olives	.....	404,574	.....	.....
All other	.....	143,467	.....	.....
Total subtropical fruits	8,227,838	24,706,753	16,478,915	200.3
Nuts—				
Almonds	.....	711,970	.....	.....
Pecans	.....	971,596	.....	.....
Walnuts (Persian or English)	.....	2,297,336	.....	.....
All other[1]	.....	466,772	.....	.....
Total nuts	[1]1,949,931	4,447,674	2,497,743	128.1
Total fruits and nuts	133,048,721	222,024,216	88,975,495	66.9
Flowers and plants	18,758,864	34,872,329	16,113,465	85.9
Nursery products	10,123,873	21,050,822	10,926,949	107.9
Forest products	109,864,774	195,306,283	85,441,509	77.8
Total with acreage reports	2,768,339,569	5,073,997,594	2,305,658,025	83.3
Total with no acreage reports	230,364,843	413,163,629	182,798,786	79.3
Grand total	2,998,704,412	5,487,161,223	2,488,456,811	83.0

[1] Includes coconuts.

No. 118.—CHICKENS AND OTHER FOWLS ON FARMS AND RANGES, 1890, 1900, AND 1910; FOWLS RAISED, 1909; AND EGGS PRODUCED, 1889, 1899, AND 1909: BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	Chickens.			Other fowls.[1]			Fowls raised.	Eggs produced.		
	1890	1900[2]	1910[3]	1890	1900[2]	1910	1909[4]	1889	1899[4]	1909[4]
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Dozens.*	*Dozens.*	*Dozens.*
Alabama	6,252,044	4,737,606	4,708,474	661,757	448,930	286,233	12,467,486	10,823,526	18,778,960	22,234,713
Alaska		176							1,043	
Arizona	57,224	165,200	253,118	4,586	9,322	8,023	392,286	204,174	819,507	1,744,081
Arkansas	6,264,427	5,393,157	5,234,957	783,678	699,719	537,028	10,808,758	13,371,909	25,694,860	27,054,674
California	3,504,251	3,947,200	5,668,974	482,972	249,068	170,858	8,430,968	13,679,423	24,443,540	41,022,395
Colorado	710,942	968,761	1,648,246	34,073	48,359	43,135	2,706,945	2,685,109	5,704,290	10,652,396
Connecticut	1,075,044	1,073,026	1,225,781	66,760	25,347	17,924	2,045,854	5,637,590	7,959,430	8,566,343
Delaware	900,212	628,866	798,345	131,149	36,416	23,082	1,562,370	2,218,754	3,571,870	4,448,482
District of Columbia	10,543	8,004	7,433	590	289	196	15,614	48,430	42,580	51,945
Florida	919,601	1,107,816	1,259,607	81,419	76,404	58,645	2,461,358	2,788,991	4,214,186	6,380,956
Georgia	7,357,934	4,549,144	4,991,612	546,010	377,308	293,480	14,930,716	11,522,788	15,505,330	20,793,359
Hawaii[5]		31,888			26,255				155,710	
Idaho	231,547	516,412	1,013,401	15,176	23,597	32,016	1,653,272	737,813	2,879,590	6,492,270
Illinois	21,463,525	16,600,728	20,647,947	2,505,511	1,136,534	617,469	32,352,888	60,351,065	86,402,670	100,119,418
Indiana	12,307,903	11,103,006	13,273,585	1,287,890	846,815	463,364	23,067,814	48,621,660	70,782,200	80,755,437
Indian Territory		1,960,505			257,794				6,949,640	
Iowa	20,201,706	18,907,673	22,730,118	1,749,567	1,135,670	564,669	29,990,147	69,448,339	99,621,920	109,760,487
Kansas	15,843,345	11,966,843	15,321,486	1,133,410	589,342	314,575	24,583,465	42,584,975	73,190,590	81,659,304
Kentucky	12,740,559	6,849,079	8,047,178	2,009,924	1,006,389	686,930	19,247,287	24,691,437	35,337,340	44,313,377
Louisiana	2,246,907	3,890,563	3,291,128	291,104	408,916	226,258	6,337,010	5,933,700	12,820,290	14,657,544
Maine	1,411,185	1,564,853	1,718,240	49,476	20,711	13,280	2,601,733	9,384,252	13,304,150	14,935,959
Maryland	3,430,859	2,113,544	2,702,403	602,279	192,101	134,098	5,949,459	8,718,593	12,511,450	15,533,732
Massachusetts	1,623,605	1,625,269	1,715,435	84,777	55,424	38,111	3,212,339	8,931,398	12,928,630	14,145,240
Michigan	5,852,690	8,033,531	9,724,713	357,534	371,529	202,778	12,877,537	34,309,633	54,318,410	59,915,851
Minnesota	4,448,831	7,730,940	10,304,776	295,380	411,753	346,765	11,862,787	20,354,498	43,208,130	53,807,974
Mississippi	5,631,784	5,194,856	4,671,114	732,813	643,329	373,467	12,069,856	11,393,498	18,942,070	20,542,487
Missouri	22,785,848	14,903,601	19,992,410	2,405,940	1,173,112	832,570	31,913,210	53,147,418	85,203,290	111,816,693
Montana	233,660	531,774	923,173	9,992	24,905	31,731	1,432,741	834,166	3,002,890	6,004,051
Nebraska	7,395,368	7,417,837	9,033,353	563,655	394,402	214,016	15,274,150	23,300,684	41,132,140	46,929,923
Nevada	62,167	100,661	126,667	7,436	6,877	4,488	190,815	170,725	589,490	870,489

New Hampshire	934,322	870,461	907,807	30,033	7,478	6,959	1,394,654	5,049,150	7,005,180	7,499,470
New Jersey	2,990,698	1,993,594	2,342,451	296,305	82,920	59,254	4,847,288	8,031,571	11,942,550	14,842,859
New Mexico	60,596	156,853	511,845	2,248	6,162	10,780	932,045	279,664	839,890	2,976,233
New York	8,421,667	8,964,736	10,265,939	784,464	387,676	300,755	13,980,792	45,807,106	62,096,690	72,349,034
North Carolina	7,507,593	3,871,858	4,643,447	742,820	508,103	384,000	15,227,685	11,755,635	17,704,020	23,556,124
North Dakota[6]	804,388	1,409,285	3,097,692	55,113	80,095	132,015	4,043,481	3,552,664	7,438,400	17,294,322
Ohio	13,659,359	14,269,525	16,904,166	1,208,094	748,827	382,328	23,433,005	70,162,240	91,766,630	100,889,599
Oklahoma	388,427	2,527,353	[7]8,093,918	11,140	170,946	346,904	16,264,003	989,625	13,724,900	46,000,300
Oregon	1,180,765	1,290,818	1,756,340	97,269	82,385	51,555	2,655,492	4,453,933	7,709,970	11,906,903
Pennsylvania	10,381,781	10,553,106	12,007,839	999,604	491,875	347,040	17,484,951	50,049,915	67,038,180	74,729,705
Rhode Island	482,370	500,618	396,981	42,167	19,896	8,353	602,335	2,020,714	3,217,310	2,894,081
South Carolina	3,873,798	2,664,784	2,778,122	317,750	243,535	139,713	8,811,348	5,702,141	9,007,700	11,049,468
South Dakota[8]	2,292,866	3,028,700	4,936,814	131,260	149,585	199,527	6,186,427	8,777,993	17,349,750	25,067,489
Tennessee	12,062,139	6,184,210	7,410,314	1,570,445	787,527	627,493	17,415,208	23,172,313	31,807,990	42,043,104
Texas	11,523,717	13,562,302	12,889,699	1,455,151	1,299,044	683,573	25,656,356	32,466,433	58,040,810	77,845,047
Utah	279,983	534,842	673,911	16,326	21,911	14,716	971,917	1,131,071	3,387,340	4,672,866
Vermont	789,278	806,451	915,526	96,049	36,712	18,759	1,282,524	4,515,130	6,271,880	7,037,082
Virginia	6,576,260	4,590,311	5,738,011	992,731	451,159	321,930	16,290,508	13,557,571	25,550,460	35,100,693
Washington	779,972	1,196,639	2,205,934	37,156	160,076	44,086	3,722,257	2,710,520	7,473,790	16,472,575
West Virginia	3,197,447	2,759,585	3,121,055	525,421	293,486	181,300	5,543,096	9,919,974	17,242,400	19,159,008
Wisconsin	5,646,294	8,097,399	9,153,314	427,518	350,145	219,982	10,764,948	29,390,784	46,249,580	50,623,813
Wyoming	73,694	142,136	325,365	4,393	7,428	11,002	519,169	332,221	937,570	2,091,716
Total	258,871,125	[9]233,598,085	282,110,164	26,738,315	[9]17,083,588	11,027,213	488,468,354	819,722,916	[9]1,293,819,186	1,591,311,371
Geographic divisions.[10]										
New England	6,315,804	6,700,678	6,879,770	369,262	165,368	103,386	11,139,439	35,538,234	50,686,580	55,078,175
Middle Atlantic	21,794,146	21,241,436	24,616,229	2,080,373	962,471	707,049	36,313,031	103,888,592	141,077,420	161,921,598
East North Central	58,929,771	58,104,189	69,703,725	5,786,547	3,453,350	1,885,921	102,496,192	242,775,382	349,519,490	392,304,118
West North Central	73,772,352	65,364,879	85,416,649	6,334,325	3,933,959	2,604,137	123,853,667	221,226,571	367,144,220	446,336,192
South Atlantic	33,774,247	22,293,912	26,040,035	3,940,169	2,178,801	1,536,444	70,792,154	66,232,877	105,349,996	136,073,767
East South Central	36,686,526	22,965,751	24,837,080	4,974,939	2,886,175	1,974,123	61,199,837	70,080,774	104,866,360	129,133,681
West South Central	20,423,478	27,333,880	29,509,702	2,541,073	2,836,419	1,793,763	59,066,127	52,761,667	117,230,500	165,557,865
Mountain	1,709,813	3,116,639	5,475,726	94,230	148,561	155,891	8,799,190	6,374,943	18,160,567	35,504,102
Pacific	5,464,988	6,434,657	9,631,248	617,397	491,529	266,499	14,808,717	20,843,876	39,627,300	69,401,873

[1] Total number of ducks, geese, and turkeys.
[2] Including only fowls over 3 months old.
[3] Includes guinea fowls.
[4] Figures partly estimated.
[5] Acquired in 1898.
[6] Dakota Territory prior to 1889.
[7] Includes Indian Territory.
[8] Included in Dakota Territory prior to 1889.
[9] Data for Alaska and Hawaii included in totals for United States, but not in those for the geographic divisions.
[10] For States included in each division, see note 5, p. 32.

No. 119.—DOMESTIC ANIMALS ON FARMS AND NOT ON FARMS: Number in 1900 and 1910, with Values and Average Values per Head, and Number of Farms and Inclosures Reporting for 1910.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

	Dairy cows.	All cattle.	Horses, mules, and asses and burros.				Swine.	Sheep.	Goats.	All domestic animals.
			Horses.	Mules.	Asses and burros.	Total.				
Number, 1900:										
On farms	17,135,633	67,719,410	18,267,020	3,264,615	94,165	21,625,800	62,868,041	61,503,713	1,870,599	.....
Not on farms	973,033	1,616,422	2,936,881	173,908	15,847	3,126,636	1,818,114	231,301	78,353	.....
Total	18,108,666	69,335,832	21,203,901	3,438,523	110,012	24,752,436	64,686,155	61,735,014	1,948,952	.....
Number, 1910:										
On farms	20,625,432	61,803,866	19,833,113	4,209,769	105,698	24,148,580	58,185,676	52,447,861	2,915,125	.....
Not on farms	1,170,338	1,878,782	3,182,789	270,371	16,502	3,469,662	1,287,960	390,887	114,670	.....
Total	21,795,770	63,682,648	23,015,902	4,480,140	122,200	27,618,242	59,473,636	52,838,748	3,029,795	.....
Value, 1910:										
On farms ..... dolls.	706,236,307	1,499,523,607	2,083,588,195	525,391,863	13,200,112	2,622,180,170	399,338,308	232,841,585	6,176,423	4,760,060,093
Not on farms ..... dolls.	47,001,623	60,816,261	422,204,393	39,374,534	1,701,386	463,280,313	10,076,260	1,822,943	365,749	536,361,526
Total ..... dolls.	753,237,930	1,560,339,868	2,505,792,588	564,766,397	14,901,498	3,085,460,483	409,414,568	234,664,528	6,542,172	5,296,421,619
Average value per head, 1910:										
On farms ..... dolls.	34.24	24.26	105.06	124.80	124.89	108.59	6.86	4.44	2.12	.....
Not on farms ..... dolls.	40.16	32.37	132.65	145.63	103.10	133.52	7.82	4.66	3.19	.....
Total ..... dolls.	34.56	24.50	108.87	126.06	121.94	111.72	6.88	4.44	2.16	.....
Number of farms and inclosures reporting, 1910:										
Farms	5,140,869	5,284,916	4,692,814	1,869,005	43,927	.....	4,351,751	610,894	82,755	6,034,783
Barns and other inclosures not on farms	867,226	899,346	1,392,771	74,666	8,216	.....	347,936	6,140	23,745	2,013,563
Total	6,008,095	6,184,262	6,085,585	1,943,671	52,143	.....	4,699,687	617,034	106,500	8,048,346

No. 120.—NUMBER AND VALUE OF SPECIFIED FARM ANIMALS: 1892 TO 1919.

[Source: Reports of the Department of Agriculture.]

January 1—	Horses.		Mules.		Milch cows.	
	Number.	Value.	Number.	Value.	Number.	Value.
		Dollars.		*Dollars.*		*Dollars.*
1892	15,498,140	1,007,593,636	2,314,699	174,882,070	16,416,351	351,378,132
1893	16,206,802	992,225,185	2,331,128	164,763,751	16,424,087	357,299,785
1894	16,081,139	769,224,799	2,352,231	146,232,811	16,487,400	358,998,661
1895	15,893,318	576,730,580	2,333,108	110,927,834	16,504,629	362,601,729
1896	15,124,057	500,140,186	2,278,946	103,204,457	16,137,586	363,955,545
1897	14,364,667	452,649,396	2,215,654	92,302,090	15,941,727	369,239,993
1898	13,960,911	478,362,407	2,190,282	96,109,516	15,840,886	434,813,826
1899	13,665,307	511,074,813	2,134,213	95,963,261	15,990,115	474,233,925
1900	13,537,524	603,969,442	2,086,027	111,717,092	16,292,360	514,812,106
1901[1]	16,744,723	885,200,168	2,864,458	183,232,209	16,833,657	505,093,077
1902	16,531,224	968,935,178	2,757,017	186,411,704	16,696,802	488,130,324
1903	16,557,873	1,030,705,959	2,728,088	197,753,327	17,105,227	516,711,914
1904	16,736,059	1,136,940,298	2,757,916	217,532,832	17,419,817	508,841,489
1905	17,057,702	1,200,310,020	2,883,710	251,840,378	17,572,464	482,272,203
1906	18,718,578	1,510,889,906	3,404,061	334,680,520	19,793,866	582,788,592
1907	19,746,583	1,846,578,412	3,816,692	428,063,613	20,968,265	645,496,980
1908	19,992,000	1,867,530,000	3,869,000	416,939,000	21,194,000	650,057,000
1909	20,640,000	1,974,052,000	4,053,000	437,082,000	21,720,000	702,945,000
1910	21,040,000	2,276,363,000	4,123,000	494,095,000	21,801,000	780,308,000
1911	20,277,000	2,259,981,000	4,323,000	544,359,000	20,823,000	832,209,000
1912	20,509,000	2,172,694,000	4,362,000	525,657,000	20,699,000	815,414,000
1913	20,567,000	2,278,222,000	4,386,000	545,245,000	20,497,000	922,783,000
1914	20,962,000	2,291,638,000	4,449,000	551,017,000	20,787,000	1,118,487,000
1915	21,195,000	2,190,102,000	4,479,000	503,271,000	21,262,000	1,176,338,000
1916	21,159,000	2,149,786,000	4,593,000	522,834,000	22,108,000	1,191,955,000
1917	21,210,000	2,182,307,000	4,723,000	558,006,000	22,894,000	1,365,251,000
1918	21,555,000	2,246,970,000	4,873,000	627,679,000	23,310,000	1,644,231,000
1919	21,534,000	2,120,709,000	4,925,000	667,767,000	23,467,000	1,836,055,000

January 1—	Oxen and other cattle.		Sheep.		Swine.		Total value, farm animals.
	Number.	Value.	Number.	Value.	Number.	Value.	
		Dollars.		*Dollars.*		*Dollars.*	*Dollars.*
1892	37,651,289	570,749,155	44,938,365	116,121,290	52,398,019	241,031,415	2,461,755,698
1893	35,954,196	547,882,204	47,273,553	125,909,264	46,094,807	295,426,492	2,483,506,681
1894	36,608,168	536,789,747	45,048,017	89,186,110	45,206,498	270,384,626	2,170,816,754
1895	34,364,216	482,999,129	42,294,064	66,685,767	44,165,716	219,501,267	1,819,446,306
1896	32,085,409	508,928,416	38,298,783	65,167,785	42,842,759	186,529,745	1,727,926,084
1897	30,508,408	507,929,421	36,818,643	67,020,942	40,600,276	166,272,770	1,655,414,612
1898	29,204,197	612,296,634	37,656,960	92,721,133	39,759,993	174,351,409	1,888,654,925
1899	27,994,225	637,931,135	39,114,453	107,697,530	38,651,631	170,109,743	1,997,010,407
1900	27,610,054	689,486,260	41,883,065	122,665,913	37,079,356	185,472,321	2,228,123,134
1901[1]	45,500,213	906,644,003	59,756,718	178,072,476	56,982,142	353,012,143	3,011,254,076
1902	44,727,797	839,126,073	62,039,091	164,446,091	48,698,890	342,120,780	2,989,170,150
1903	44,659,206	824,054,902	63,964,876	168,315,750	46,922,624	364,973,688	3,102,515,540
1904	43,629,498	712,178,134	51,630,144	133,530,099	47,009,367	289,224,627	2,998,247,479
1905	43,669,443	661,571,308	45,170,423	127,331,850	47,320,511	283,254,978	3,006,580,737
1906	47,067,656	746,171,709	50,681,619	179,056,144	52,102,847	321,802,571	3,675,389,442
1907	51,565,731	881,557,398	53,240,282	204,210,129	54,794,489	417,791,321	4,423,697,853
1908	50,073,000	845,938,000	54,631,000	211,736,000	56,084,000	339,030,000	4,331,230,000
1909	49,379,000	863,754,000	56,084,000	192,632,000	54,147,000	354,794,000	4,525,259,000
1910	47,279,000	917,453,000	57,216,000	233,664,000	47,782,000	436,603,000	5,138,486,000
1911	39,679,000	815,184,000	58,633,000	209,535,000	65,620,000	615,170,000	5,276,438,000
1912	37,260,000	790,064,000	52,362,000	181,170,000	65,410,000	523,328,000	5,008,327,000
1913	36,030,000	949,645,000	51,482,000	202,779,000	61,178,000	603,109,000	5,501,783,000
1914	35,855,000	1,116,333,000	49,719,000	200,803,000	58,933,000	612,951,000	5,891,229,000
1915	37,067,000	1,237,376,000	49,956,000	224,687,000	64,618,000	637,479,000	5,969,253,000
1916	39,812,000	1,334,928,000	48,625,000	251,594,000	67,766,000	569,573,000	6,020,670,000
1917	41,689,000	1,497,621,000	47,616,000	339,529,000	67,503,000	792,898,000	6,735,612,000
1918	44,112,000	1,803,482,000	48,603,000	574,575,000	70,978,000	1,387,261,000	8,284,198,000
1919	44,399,000	1,960,670,000	49,863,000	579,016,000	75,587,000	1,065,987,000	8,830,204,000

[1] In estimates for 1901 and subsequent years due weight has been given to figures of census.

No. 121.—BUTTER, CHEESE, AND MILK: Butter Produced, 1849 to 1914; Cheese Produced, 1859 to 1914; Milk Sold, 1879, 1899, and 1909, and Milk Produced, 1889, 1899, and 1909, by States and by Geographic Divisions.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

BUTTER.

State.	1849[1]	1859[1]	1869[1]	1879[1]	1889[1]
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Alabama	4,008,811	6,028,478	3,213,753	7,997,719	14,548,435
Alaska[2]	.....	.....	.....	.....	.....
Arizona	.....	.....	800	62,217	115,203
Arkansas	1,854,239	4,067,556	2,753,931	7,790,013	15,724,144
California	705	3,095,035	7,969,744	10,158,749	27,048,471
Colorado	.....	.....	392,920	862,479	3,621,086
Connecticut	6,498,119	7,620,912	6,716,007	8,418,906	10,369,259
Delaware	1,055,308	1,430,502	1,171,963	1,902,075	2,493,259
District of Columbia	14,872	18,835	4,495	88,520	13,769
Florida	371,498	408,855	100,989	353,156	867,195
Georgia	4,640,559	5,439,765	4,499,572	7,424,485	14,483,323
Hawaii[3]	.....	.....	.....	.....	.....
Idaho	.....	.....	111,480	314,244	1,091,753
Illinois	12,526,543	28,052,551	36,083,405	60,208,972	82,674,908
Indiana	12,881,535	18,306,651	22,915,385	37,712,316	50,154,854
Indian Territory[2]	.....	.....	.....	.....	.....
Iowa	2,171,188	11,953,666	27,512,179	61,665,071	126,036,219
Kansas	.....	1,093,497	5,022,758	21,683,244	50,434,952
Kentucky	9,947,523	11,716,609	11,874,978	18,261,004	29,038,406
Louisiana	683,069	1,444,742	322,405	916,089	2,089,774
Maine	9,243,811	11,687,781	11,636,482	14,109,966	16,999,356
Maryland	3,806,160	5,265,295	5,014,729	7,715,196	10,846,879
Massachusetts	8,071,370	8,297,936	6,559,161	9,799,804	10,410,300
Michigan	7,065,878	15,503,482	24,400,185	38,865,106	52,343,212
Minnesota	1,100	2,957,673	9,522,010	19,244,835	48,677,504
Mississippi	4,346,234	5,006,610	2,613,521	7,454,657	12,988,637
Missouri	7,834,359	12,704,837	14,455,825	28,712,988	44,638,168
Montana	.....	.....	408,080	412,738	1,062,185
Nebraska	.....	342,541	1,539,535	9,790,970	33,894,861
Nevada	.....	7,700	110,880	338,688	489,657
New Hampshire	6,977,056	6,956,764	5,965,080	7,346,340	9,862,430
New Jersey	9,487,210	10,714,447	8,266,023	9,872,237	8,866,749
New Mexico	111	13,259	12,912	44,827	86,042
New York	79,766,094	103,097,280	107,147,526	120,878,201	112,727,515
North Carolina	4,146,290	4,735,495	4,297,834	7,213,507	13,129,374
North Dakota[4]	.....	2,170	209,735	2,006,755	6,158,862
Ohio	34,449,379	48,543,162	50,266,372	69,722,506	81,522,792
Oklahoma	.....	.....	.....	.....	387,929
Oregon	211,464	1,000,157	1,418,373	2,528,225	4,924,745
Pennsylvania	39,878,418	58,653,511	60,834,644	80,322,852	96,199,428
Rhode Island	995,670	1,021,767	941,199	1,007,103	1,199,239
South Carolina	2,981,850	3,177,934	1,461,980	3,196,851	5,737,557
South Dakota[5]	.....	.....	.....	.....	13,659,757
Tennessee	8,139,585	10,017,787	9,571,069	17,889,969	28,380,377
Texas	2,344,900	5,850,583	3,712,747	13,890,320	32,145,249
Utah	83,309	316,046	310,335	1,064,923	1,815,154
Vermont	12,137,980	15,900,359	17,844,396	25,252,663	28,399,440
Virginia[6]	11,089,359	13,464,722	6,979,269	11,500,023	18,761,856
Washington	.....	153,092	407,306	1,404,066	3,483,725
West Virginia	.....	.....	5,044,475	9,309,517	14,081,627
Wisconsin	3,633,750	13,611,328	22,473,036	33,842,336	60,355,499
Wyoming	.....	.....	1,200	105,643	467,269
Total	313,345,306	459,681,372	514,092,683	806,672,071	1,205,508,384
Geographic divisions.[7]					
New England	43,924,006	51,485,519	49,662,325	65,934,782	77,240,024
Middle Atlantic	129,131,722	172,465,238	176,248,193	211,073,290	217,793,692
East North Central	70,557,085	124,017,174	156,138,383	240,351,236	327,051,265
West North Central	10,006,647	29,054,384	58,262,042	143,103,863	323,500,323
South Atlantic	28,105,896	33,941,403	28,575,306	48,703,330	80,414,839
East South Central	26,442,153	32,769,484	27,273,321	51,603,349	84,955,855
West South Central	4,882,208	11,362,881	6,789,083	22,605,422	50,347,096
Mountain	83,420	337,005	1,348,607	3,205,759	8,748,349
Pacific	212,169	4,248,284	9,795,423	20,091,040	35,456,941

[1] Figures for 1849, 1859, and 1869 relate to farms and ranges; those of later censuses include factory product also.
[2] Not reported prior to 1899. [3] Acquired in 1898. [4] Dakota Territory prior to 1889.
[5] *Included in Dakota* Territory prior to 1889.
[6] In 1849 and 1859 Virginia included West Virginia.
[7] For States and Territories included in each division, see note 5, p. 32.

No. 121.—BUTTER, CHEESE, AND MILK: BUTTER PRODUCED, 1849 TO 1914; CHEESE PRODUCED, 1859 TO 1914; MILK SOLD, 1879, 1899, AND 1909, AND MILK PRODUCED, 1889, 1899, AND 1909, ETC.—Continued.

BUTTER—Continued.

State.	1899[1]	1904[1]	1909[1]			1914
		In factories.	On farms.	In factories.	Total.	In factories.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Alabama	19,130,321	.....	29,550,595	(2)	(2)	(2)
Alaska	200	.....	.....	.....	.....	.....
Arizona	803,394	799,433	325,980	1,053,869	1,379,849	1,851,981
Arkansas	21,753,833	127,309	29,907,337	360,834	30,268,171	(2)
California	34,000,497	26,837,386	15,301,871	37,283,450	52,585,321	58,259,665
Colorado	6,499,121	5,054,006	5,856,132	6,351,691	12,207,823	8,802,705
Connecticut	8,480,194	2,903,277	3,498,551	1,950,935	5,449,486	1,486,290
Delaware	2,599,838	644,823	1,563,101	627,300	2,190,461	455,698
District of Columbia	3,478	.....	6,155	.....	6,155	.....
Florida	1,386,445	.....	1,705,274	.....	1,705,274	.....
Georgia	15,160,454	133,900	27,246,247	78,058	27,324,305	(2)
Hawaii[3]	118,871	.....	.....	.....	.....	.....
Idaho	2,952,886	671,783	3,542,135	2,357,386	5,899,521	2,813,761
Illinois	86,548,762	27,339,925	46,609,992	24,570,976	71,180,968	27,332,293
Indiana	54,595,879	4,742,632	43,181,817	11,712,450	54,894,267	25,637,452
Indian Territory	5,105,715	.....	.....	.....	.....	.....
Iowa	139,022,552	71,181,766	38,679,568	88,582,187	127,261,755	92,405,806
Kansas	59,837,255	16,488,131	29,647,881	18,712,568	48,360,449	29,278,717
Kentucky	30,631,044	239,061	38,130,687	549,929	38,680,616	606,404
Louisiana	4,918,229	.....	6,232,006	(2)	(2)	(2)
Maine	20,635,572	5,005,907	13,299,229	2,105,622	15,404,851	2,713,496
Maryland	11,638,378	1,816,433	8,739,620	1,118,530	9,858,150	677,802
Massachusetts	9,572,181	3,470,323	3,364,516	1,888,307	5,252,823	2,172,813
Michigan	67,872,710	21,013,000	50,405,426	35,511,760	85,917,186	43,220,077
Minnesota	82,363,315	62,122,554	34,708,669	88,842,846	123,551,515	111,105,208
Mississippi	18,929,761	.....	28,730,685	.....	28,730,685	(2)
Missouri	46,949,726	5,806,724	42,105,143	10,261,876	52,367,019	16,241,687
Montana	2,488,310	(4)	2,820,574	1,307,777	4,128,351	3,450,315
Nebraska	46,244,839	16,035,468	25,986,931	23,973,162	49,960,093	36,343,424
Nevada	1,192,925	758,184	403,885	1,039,784	1,443,669	1,291,888
New Hampshire	11,419,881	3,098,889	5,065,188	1,740,235	6,805,423	1,320,103
New Jersey	7,219,882	1,178,846	3,622,411	768,857	4,391,268	569,521
New Mexico	313,003	.....	1,477,617	(2)	(2)	731,532
New York	115,408,222	58,256,504	23,461,702	45,897,216	69,358,918	35,385,557
North Carolina	16,913,802	.....	26,059,585	.....	26,059,585	(2)
North Dakota[5]	9,642,003	3,013,151	16,414,439	3,683,679	20,098,118	5,814,240
Ohio	87,638,930	11,591,981	63,569,132	17,491,251	81,060,383	43,064,562
Oklahoma	8,834,559	416,100	27,056,242	4,110,978	31,167,220	2,851,538
Oregon	10,082,807	5,080,599	5,667,964	8,472,660	14,140,624	11,182,937
Pennsylvania	111,358,246	35,754,841	61,158,115	30,484,217	91,642,332	23,985,125
Rhode Island	636,281	(4)	339,607	(2)	(2)	(2)
South Carolina	8,150,437	.....	12,329,567	.....	12,329,567	(2)
South Dakota[6]	23,573,077	11,058,460	13,629,647	9,495,608	23,125,255	10,538,747
Tennessee	29,299,519	41,889	39,827,906	.....	39,827,906	(2)
Texas	48,244,206	266,806	64,993,214	2,133,590	67,126,804	7,247,074
Utah	5,331,336	3,586,547	2,497,366	3,722,784	6,220,150	3,539,357
Vermont	41,288,087	27,256,874	15,165,692	20,227,495	35,393,187	21,076,947
Virginia	20,076,351	81,803	26,651,244	158,853	26,810,097	712,444
Washington	10,570,527	7,722,911	6,751,575	11,302,591	18,054,166	16,813,044
West Virginia	16,954,129	(4)	18,969,699	(2)	(2)	153,338
Wisconsin	106,552,649	89,155,975	27,200,509	103,884,684	131,085,193	116,149,284
Wyoming	[7] 918,054	[7] 723,940	1,192,122	783,585	1,975,707	1,536,299
Total	[8] 1,491,871,673	531,478,141	994,650,610	624,764,653	1,619,415,263	760,809,781
Geographic divisions.[9]						
New England	92,032,196	41,735,270	40,732,783	(2)	(2)	[10] 28,769,649
Middle Atlantic	233,986,350	95,190,191	88,242,228	77,150,290	165,392,518	59,940,203
East North Central	403,208,930	153,843,513	230,966,876	193,171,121	424,137,997	255,403,668
West North Central	407,632,767	185,706,254	201,172,278	243,551,926	444,724,204	301,787,829
South Atlantic	92,883,312	2,676,959	123,270,552	(2)	(2)	[11] 1,999,282
East South Central	(2)	280,950	136,239,873	(2)	(2)	[12] 606,404
West South Central	88,856,542	810,215	128,188,799	(2)	(2)	[13] 10,098,612
Mountain	(2)	11,593,893	18,115,811	(2)	(2)	24,077,838
Pacific	54,653,831	39,640,896	27,721,410	57,058,701	84,780,111	86,255,646

[1] Figures for 1849, 1859, and 1869 relate to farms and ranges; those of later censuses include factory product also.
[2] Can not be shown separately, as to do so would disclose individual operations.
[3] Acquired in 1898. [4] Included under Wyoming. [5] Dakota Territory prior to 1889.
[6] Included in Dakota Territory prior to 1889.
[7] All other States, including Wyoming.
[8] Data for Alaska and Hawaii included in total, but not under the geographic divisions.
[9] For States included in each division, see note 5, p. 32.
[10] Not including figures for Rhode Island.
[11] Not including figures for Georgia, North Carolina, and South Carolina.
[12] Not including figures for Alabama, Mississippi, and Tennessee.
[13] Not including figures for Arkansas and Louisiana.

No. 121.—Butter, Cheese, and Milk: Butter Produced, 1849 to 1914; Cheese Produced, 1859 to 1914; Milk Sold, 1879, 1899, and 1909, and Milk Produced, 1889, 1899, and 1909, etc.—Continued.

CHEESE.

State.	1859[1]	1869[1]	1879[1]	1889[1]			1899[1]
				On farms.	In factories.	Total.	On farms.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Alabama	15,923	2,732	14,091	6,131	.....	6,131	36,374
Alaska[2]	.....	.....	.....	.....	.....	.....	.....
Arizona	.....	14,500	36,060	10,855	.....	10,855	33,305
Arkansas	16,810	2,119	26,301	21,328	.....	21,328	18,385
California	1,343,689	3,395,074	3,720,739	3,871,575	1,091,222	4,962,797	4,249,588
Colorado	.....	37,626	75,367	87,183	44,500	131,683	103,184
Connecticut	3,898,411	2,262,894	1,051,677	112,566	195,955	308,521	40,623
Delaware	6,579	315	1,712	359	.....	359	104
District of Columbia	.....	.....	155,460	.....	.....	.....	.....
Florida	5,280	25	2,406	1,731	.....	1,731	3,751
Georgia	15,587	4,292	19,151	12,833	.....	12,833	2,236
Hawaii[3]	.....	.....	.....	.....	.....	.....	12
Idaho	.....	4,464	117,295	207,213	116,640	323,853	196,952
Illinois	1,848,557	5,734,004	21,253,194	343,456	10,005,477	10,348,933	323,485
Indiana	605,795	391,487	1,676,825	360,948	830,552	1,191,500	178,733
Indian Territory[2]	.....	.....	.....	.....	.....	.....	1,227
Iowa	918,635	1,344,647	3,852,801	1,038,358	4,705,576	5,743,934	306,428
Kansas	29,045	241,607	1,275,371	759,210	1,974,136	2,733,346	291,445
Kentucky	190,400	361,219	58,468	64,822	.....	64,822	45,759
Louisiana	6,153	11,747	7,618	3,939	.....	3,939	135,104
Maine	1,799,862	1,152,590	1,945,095	696,052	755,761	1,451,813	425,102
Maryland	8,342	6,732	79,416	9,573	14,000	23,573	338,453
Massachusetts	5,294,090	4,131,309	2,201,393	122,900	262,633	385,533	19,620
Michigan	1,641,897	2,321,801	3,953,585	328,682	5,041,778	5,370,460	331,176
Minnesota	199,314	271,477	985,329	676,642	3,615,528	4,292,170	290,623
Mississippi	4,427	3,099	4,239	4,898	.....	4,898	28,572
Missouri	259,633	213,875	873,549	288,620	1,384,397	1,673,017	323,439
Montana	.....	27,603	80,070	11,512	.....	11,512	30,924
Nebraska	12,342	78,542	554,772	463,831	804,618	1,268,449	264,439
Nevada	.....	.....	17,420	51,207	.....	51,207	94,082
New Hampshire	2,232,092	872,368	807,076	341,235	103,386	444,621	104,330
New Jersey	182,172	478,336	569,736	23,613	563,628	587,241	24,377
New Mexico	37,240	27,239	10,501	18,931	.....	18,931	68,571
New York	48,548,289	100,776,012	129,163,714	4,324,028	119,762,496	124,086,524	2,624,552
North Carolina	51,119	123,985	57,380	60,760	.....	60,760	28,883
North Dakota[4]	.....	1,850	40,137	131,374	49,000	180,374	70,881
Ohio	21,618,893	24,153,876	32,531,683	1,068,083	21,185,971	22,254,054	1,167,001
Oklahoma	.....	.....	.....	1,600	.....	1,600	45,264
Oregon	105,379	119,333	299,732	265,576	230,540	496,116	467,256
Pennsylvania	2,508,556	2,792,676	8,966,737	439,060	5,018,837	5,457,897	857,167
Rhode Island	181,511	81,976	67,171	24,631	300,000	324,631	6,751
South Carolina	1,543	169	16,018	2,476	.....	2,476	1,081
South Dakota[5]	.....	.....	.....	303,951	250,812	554,763	136,863
Tennessee	135,575	142,240	107,740	60,919	31,300	101,219	26,622
Texas	275,128	34,342	58,466	145,730	.....	145,730	136,133
Utah	53,331	69,603	260,749	163,539	13,200	176,739	169,251
Vermont	8,215,030	7,814,879	6,129,630	609,586	5,582,327	6,191,913	406,659
Virginia[6]	280,852	84,243	111,535	109,187	109,000	218,187	31,697
Washington	12,146	17,465	179,200	71,281	249,700	320,981	151,669
West Virginia	.....	32,429	196,987	74,372	21,000	95,372	74,243
Wisconsin	1,104,300	3,288,581	19,535,324	906,266	53,708,595	54,614,861	1,635,618
Wyoming	.....	.....	2,930	15,196	[7] 12,500	27,696	24,327
Total	103,663,927	162,927,382	243,157,850	18,726,818	238,035,065	256,761,883	[8] 16,372,330
Geographic divisions.[9]							
New England	21,620,996	16,316,016	12,202,042	1,906,970	7,200,062	9,107,032	1,003,103
Middle Atlantic	51,239,017	104,047,024	138,700,187	4,786,701	125,344,961	130,131,662	3,506,096
East North Central	26,819,442	35,889,749	78,950,611	3,007,435	90,772,373	93,779,808	3,636,013
West North Central	1,418,969	2,151,998	7,581,959	3,661,986	12,784,067	16,446,053	1,684,109
South Atlantic	369,302	252,190	640,065	271,291	144,000	415,291	480,448
East South Central	346,325	509,290	184,538	145,770	31,300	177,070	137,327
West South Central	298,091	48,208	92,385	172,597	.....	172,597	336,113
Mountain	90,571	181,035	606,392	565,636	186,840	752,476	720,596
Pacific	1,461,214	3,531,872	4,199,671	4,208,432	1,571,462	5,779,894	4,868,513

[1] Figures for 1859 and 1869 relate to farms and ranges; those of later censuses include factory product also.
[2] Not reported prior to 1899.
[3] Acquired in 1898.
[4] Dakota Territory prior to 1889.
[5] Included in Dakota Territory prior to 1889.
[6] In 1849 and 1859 Virginia included West Virginia.
[7] All other States, including Wyoming.
[8] Data for Hawaii included in total, but not under the geographic divisions.
[9] For States included in each division, see note 5, p. 32.

No. 121.—BUTTER, CHEESE, AND MILK: BUTTER PRODUCED, 1849 TO 1914; CHEESE PRODUCED, 1859 TO 1914; MILK SOLD, 1879, 1899, AND 1909, AND MILK PRODUCED, 1889, 1899, AND 1909, ETC.—Continued.

CHEESE—Continued.

State.	1899[1]		1904[1]	1909[1]			1914
	In factories.	Total.	In factories.	On farms.	In factories.	Total.	In factories.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Alabama	10,000	46,374	.....	5,528	.....	5,528	.....
Alaska	.....	.....	.....	.....	.....	.....	.....
Arizona	373,752	407,057	161,796	60,690	421,043	481,733	(2)
Arkansas	12,600	30,985	.....	20,435	.....	20,435	.....
California	2,676,543	6,926,131	3,601,051	2,777,873	1,567,640	4,345,513	3,745,979
Colorado	1,465,257	1,568,441	871,673	69,895	550,622	620,517	106,355
Connecticut	321,263	361,886	(3)	79,156	.....	79,156	(2)
Delaware	15,000	15,104	(3)	700	(2)	(2)	(2)
Dist. of Columbia	.....	.....	.....	.....	.....	.....	.....
Florida	.....	3,751	.....	322	.....	322	.....
Georgia	.....	2,236	.....	399	.....	399	.....
Hawaii[4]	.....	12	.....	.....	.....	.....	.....
Idaho	194,380	391,332	132,420	90,675	(2)	(2)	750,810
Illinois	9,055,119	9,378,604	5,301,211	81,918	4,799,235	4,881,153	6,377,947
Indiana	1,260,168	1,438,901	978,903	63,619	424,597	488,216	354,792
Indian Territory	.....	1,227	.....	.....	.....	.....	.....
Iowa	4,242,637	4,549,065	2,829,745	78,538	999,559	1,078,097	855,198
Kansas	2,422,710	2,714,155	1,120,863	27,927	(2)	(2)	(2)
Kentucky	28,000	73,759	.....	56,148	.....	56,148	.....
Louisiana	.....	135,104	.....	190,089	(2)	(2)	.....
Maine	553,946	979,048	361,850	118,216	55,591	173,807	(2)
Maryland	.....	338,453	.....	259,386	.....	259,386	.....
Massachusetts	250,542	270,171	(3)	45,753	.....	45,753	(2)
Michigan	10,422,582	10,753,758	16,814,856	291,176	13,382,160	13,673,336	13,267,145
Minnesota	3,285,019	3,575,642	3,090,055	106,075	2,735,883	2,841,958	4,016,570
Mississippi	(2)	(2)	.....	13,703	.....	13,703	.....
Missouri	1,072,751	1,396,190	743,447	159,785	219,112	378,897	(2)
Montana	.....	30,924	(3)	49,988	.....	49,988	(2)
Nebraska	313,600	578,030	158,470	63,773	77,122	140,895	(2)
Nevada	80,150	174,232	33,000	10,245	.....	10,245	.....
New Hampshire	116,741	221,080	207,149	180,996	184,497	365,493	144,13
New Jersey	100,000	124,377	6,700	77,824	.....	77,824	(2)
New Mexico	.....	68,571	.....	81,869	.....	81,869	.....
New York	127,386,032	130,010,584	132,836,482	390,049	105,194,898	105,584,947	97,614,02
North Carolina	.....	28,883	.....	39,353	.....	39,353	.....
North Dakota[5]	225,399	296,280	51,894	22,754	(2)	(2)	(2)
Ohio	18,156,527	19,323,528	17,351,773	613,233	11,860,601	12,473,834	8,717,996
Oklahoma	66,378	111,642	.....	18,968	.....	18,968	.....
Oregon	1,195,564	1,662,820	2,255,592	169,205	4,218,953	4,388,158	6,314,757
Pennsylvania	10,267,443	11,124,610	11,453,424	1,442,676	11,234,037	12,676,713	14,808,573
Rhode Island	.....	6,751	(3)	3,860	.....	3,860	102,517
South Carolina	.....	1,081	.....	12,909	.....	12,909	.....
South Dakota[6]	420,779	557,642	(3)	14,344	.....	14,344	(2)
Tennessee	6,201	32,823	.....	18,592	.....	18,592	.....
Texas	58,290	194,423	.....	194,990	(2)	(2)	(2)
Utah	1,874,179	2,043,430	1,629,730	84,102	1,060,122	1,144,224	1,094,448
Vermont	4,713,105	5,119,764	4,343,160	245,884	2,762,656	3,008,540	2,522,937
Virginia	57,000	88,697	(3)	97,203	(2)	(2)	(2)
Washington	1,482,127	1,633,796	921,383	52,970	422,290	475,260	1,355,423
West Virginia	40,800	115,103	(3)	70,473	(2)	(2)	.....
Wisconsin	77,748,680	79,384,298	109,423,856	841,262	148,065,648	148,906,910	205,920,915
Wyoming	(2)	(2)	[7] 464,389	10,276	(2)	(2)	(2)
Total	281,972,324	[8] 298,344,654	317,144,872	9,405,864	311,126,317	320,532,181	370,278,599
Geographic divisions.[9]							
New England	5,955,597	6,958,700	4,912,159	673,865	3,002,744	3,676,609	[10] 2,769,591
Middle Atlantic	137,753,475	141,259,571	144,296,606	1,910,549	116,428,935	118,339,484	[11] 112,422,597
East N. Central	116,643,076	120,279,089	149,870,599	1,891,208	178,532,241	180,423,449	234,638,795
West N. Central	11,982,895	13,667,004	7,994,474	473,196	(2)	(2)	[12] 4,871,768
South Atlantic	112,860	593,308	.....	480,805	(2)	(2)	(2)
East S. Central	(2)	(2)	.....	93,971	.....	93,971	.....
West S. Central	137,268	473,381	.....	424,482	(2)	(2)	(2)
Mountain	(2)	(2)	3,293,008	457,740	(2)	(2)	[13] 1,051,613
Pacific	5,354,234	10,222,747	6,778,026	3,000,048	6,208,883	9,208,931	11,416,159

[1] Figures for 1859 and 1869 relate to farms and ranges; those of later censuses include factory products also.
[2] Can not be shown separately, as to do so would disclose individual operations.
[3] Included under Wyoming.
[4] Acquired in 1898. [5] Dakota Territory prior to 1889. [6] Included in Dakota Territory prior to 1889.
[7] All other States, including Wyoming.
[8] Data for Hawaii included in total, but not under the geographic divisions.
[9] For States included in each division, see note 5, p. 32.
[10] Not including figures for Massachusetts and Connecticut.
[11] Not including figures for New Jersey.
[12] Not including figures for North Dakota, South Dakota, and Nebraska.
[13] Not including figures for Montana, Wyoming and Arizona.

No. 121.—BUTTER, CHEESE, AND MILK: BUTTER PRODUCED, 1849 TO 1914; CHEESE PRODUCED, 1859 TO 1914; MILK SOLD, 1879, 1899, AND 1909, AND MILK PRODUCED, 1889, 1899, AND 1909, ETC.—Continued.

MILK.

State.	Sold.			Produced.		
	1879	1899	1909[1]	1889	1899	1909[2]
	Gallons.	*Gallons.*	*Gallons.*	*Gallons.*	*Gallons.*	*Gallons.*
Alabama	267,387	3,087,433	3,397,426	55,508,087	95,882,103	78,728,345
Alaska[3]	.....	684	.....	.....	4,250	.....
Arizona	42,618	1,022,472	3,347,723	709,225	3,056,109	6,881,608
Arkansas	316,858	4,238,852	3,952,322	54,325,673	109,861,393	83,081,875
California	12,353,178	56,540,946	45,333,432	111,191,186	153,684,741	154,901,956
Colorado	506,706	13,170,810	10,037,067	19,680,791	38,440,111	33,631,723
Connecticut	12,289,893	33,879,466	34,000,152	54,413,822	68,951,862	45,749,849
Delaware	1,132,434	4,988,462	4,425,909	10,699,362	12,681,268	7,859,857
District of Columbia	496,789	661,335	339,345	459,978	850,349	555,342
Florida	40,967	1,003,918	1,388,781	5,056,790	9,640,434	7,676,459
Georgia	374,645	3,920,412	3,872,098	53,234,508	82,438,532	74,908,776
Hawaii[4]	.....	84,451	.....	.....	584,120	.....
Idaho	15,627	2,789,638	2,060,111	5,085,863	15,122,948	20,861,072
Illinois	45,419,719	186,549,335	158,031,333	367,269,464	457,106,995	320,240,399
Indiana	6,723,840	36,562,105	32,562,414	200,510,797	263,457,239	194,736,962
Indian Territory[5]	.....	482,082	.....	.....	26,493,855	.....
Iowa	15,965,612	214,338,442	55,241,511	486,961,411	535,872,240	318,954,506
Kansas	1,360,235	47,939,088	9,851,126	201,608,099	244,909,123	172,742,767
Kentucky	2,513,209	8,932,259	10,415,482	118,497,289	159,311,527	125,566,917
Louisiana	256,241	4,356,979	4,501,119	12,881,927	39,251,413	32,702,130
Maine	3,720,783	15,979,003	12,784,866	57,969,791	99,586,188	56,026,334
Maryland	4,722,944	20,654,446	19,424,325	46,601,218	64,040,517	41,094,421
Massachusetts	29,662,953	68,180,759	64,496,692	82,571,924	105,571,873	86,304,347
Michigan	7,898,273	55,635,108	74,025,769	224,537,488	309,617,046	283,387,201
Minnesota	1,504,407	103,768,172	53,181,785	182,968,973	304,017,106	273,319,603
Mississippi	427,492	2,041,443	1,966,097	50,803,371	97,030,385	79,079,293
Missouri	3,173,017	25,954,163	15,733,185	193,931,103	258,207,755	188,297,972
Montana	41,165	3,162,568	3,584,689	6,038,096	15,696,214	16,982,145
Nebraska	625,783	23,492,560	6,500,380	144,768,263	190,477,911	160,610,359
Nevada	149,889	1,353,062	1,192,833	2,532,052	4,446,071	4,356,555
New Hampshire	5,739,128	28,988,306	21,132,268	42,633,268	60,724,590	35,033,153
New Jersey	15,472,783	50,726,011	56,856,550	64,003,953	77,714,055	67,698,219
New Mexico	10,036	633,638	1,036,922	717,155	3,009,657	6,815,942
New York	231,965,533	445,427,888	524,279,723	663,917,240	772,799,352	597,363,198
North Carolina	446,798	1,826,631	2,380,029	55,250,665	89,525,749	82,601,779
North Dakota[6]	415,119	3,177,971	1,644,150	26,566,112	48,845,280	70,637,899
Ohio	46,801,537	84,543,703	99,430,948	326,925,396	425,870,394	307,590,755
Oklahoma	.....	2,701,471	3,626,217	1,544,280	47,439,853	103,577,644
Oregon	227,540	10,308,119	14,640,108	25,042,276	48,582,968	56,106,599
Pennsylvania	36,540,540	171,045,659	169,420,361	368,906,480	487,033,818	336,208,572
Rhode Island	3,831,706	9,685,988	8,796,847	10,610,547	12,923,512	10,441,951
South Carolina	257,186	1,186,045	919,745	23,833,631	44,031,528	37,361,606
South Dakota[6]	.....	20,395,625	2,385,781	59,666,525	99,244,975	82,428,514
Tennessee	1,006,795	5,549,194	6,814,209	107,657,116	147,336,961	117,101,970
Texas	1,296,806	8,091,205	8,990,968	118,475,320	251,342,698	197,039,954
Utah	155,263	9,964,903	8,471,713	8,614,694	25,124,642	20,486,317
Vermont	6,526,550	57,566,012	33,998,934	90,712,230	142,042,223	114,317,169
Virginia	1,224,469	6,889,183	8,577,893	78,143,459	105,068,428	95,555,051
Washington	226,703	14,897,273	25,524,209	19,873,281	50,182,415	70,083,033
West Virginia	750,279	3,391,523	4,050,741	59,449,066	83,861,660	71,230,033
Wisconsin	25,156,977	252,450,051	297,251,969	303,701,134	472,274,204	458,327,649
Wyoming	75,343	698,490	1,377,607	3,064,588	5,121,974	6,453,634
Total	530,129,755	[7]2,134,915,342	1,937,255,864	5,210,125,567	[7]7,266,392,674	5,813,699,474
Geographic divisions.[8]						
New England	61,771,013	214,279,534	175,209,759	338,911,582	489,800,248	347,872,803
Middle Atlantic	283,978,856	667,199,558	750,556,634	1,096,827,673	1,337,547,225	1,001,269,989
East North Central	132,000,346	615,740,302	661,302,433	1,422,944,279	1,928,325,938	1,564,282,966
West North Central	23,044,173	439,066,021	144,537,918	1,296,470,486	1,681,574,390	1,266,991,620
South Atlantic	9,446,511	44,521,955	45,378,806	332,728,677	492,138,465	418,843,384
East South Central	4,214,883	19,610,329	22,593,214	332,466,463	499,560,976	400,476,525
West South Central	1,869,905	19,870,589	21,070,626	187,227,200	474,389,212	416,401,603
Mountain	996,647	32,795,581	31,108,665	46,442,464	110,017,726	116,468,996
Pacific	12,807,421	81,746,338	85,497,749	156,106,743	252,450,124	281,091,588

[1] Figures relate to 1909 as reported, without estimates; they do not include milk sold and paid for on the basis of cream or butter-fat content; therefore they are not closely comparable with those of preceding years.
[2] Figures include only milk reported without estimates.
[3] Not reported prior to 1899.
[4] Acquired in 1898.
[5] Dakota Territory prior to 1889.
[6] Included in Dakota Territory prior to 1889.
[7] Data for Alaska and Hawaii included in total but not in geographic divisions.
[8] For States included in each division, see note 5, p. 32.

No. 122.—ORCHARD PRODUCTS: Specified Fruits in Years Indicated, by States and Geographic Divisions.

[Sources: Reports of the Bureau of the Census, Department of Commerce, in 1899 and 1909; later years, reports of the Department of Agriculture.]

State.	Apples.			Peaches and nectarines.			Pears.
	1899	1909	1918[1]	1899	1909	1918	1899
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
Alabama	719,175	888,396	1,551,000	184,543	1,416,584	3,142,000	22,656
Arizona	13,471	72,814	152,000	38,092	50,102	58,000	13,197
Arkansas	2,811,182	2,296,043	1,314,000	333,642	1,901,647	260,000	24,503
California	3,488,208	4,935,073	5,577,000	8,563,427	9,267,118	11,570,000	1,912,825
Colorado	257,563	3,559,094	1,845,000	47,381	692,258	754,000	19,272
Connecticut	3,708,931	1,540,996	1,184,000	61,775	269,990	15,000	41,485
Delaware	702,920	183,094	500,000	9,750	16,722	284,000	156,208
District of Columbia	283	2,952	.....	3	3	.....	468
Florida	1,866	3,405	.....	92,113	114,998	264,000	83,584
Georgia	670,889	895,613	1,760,000	259,728	2,555,499	6,746,000	49,497
Idaho	223,662	659,959	582,000	17,793	18,734	80,000	25,324
Illinois	9,178,150	3,093,321	3,213,000	66,805	1,222,570	78,000	133,745
Indiana	8,620,278	2,759,134	2,070,000	69,333	1,174,389	92,000	231,713
Indian Territory	222,565	.....	.....	48,730	.....	.....	2,971
Iowa	3,129,862	6,746,668	1,620,000	5,481	23,180	.....	5,014
Kansas	3,214,407	1,356,438	2,139,000	137,489	24,567	.....	21,978
Kentucky	6,053,717	7,308,499	3,780,000	34,700	1,623,379	110,000	76,940
Louisiana	68,735	33,875	.....	153,808	290,623	615,000	29,405
Maine	1,421,773	3,636,181	2,287,000	1,895	2,014	.....	11,200
Maryland	3,150,673	1,822,824	2,305,000	172,303	324,609	600,000	301,702
Massachusetts	3,023,436	2,550,259	2,446,000	27,906	91,756	9,000	89,011
Michigan	8,931,569	12,332,296	10,966,000	339,637	1,686,586	248,000	170,702
Minnesota	120,143	1,044,156	792,000	190	599	.....	226
Mississippi	249,035	265,841	488,000	252,305	1,156,817	1,386,000	36,923
Missouri	6,496,436	9,968,977	4,245,000	61,006	1,484,548	.....	58,449
Montana	43,939	567,054	790,000	17	128	.....	24
Nebraska	1,343,497	3,321,073	459,000	8,753	110,180	.....	979
Nevada	10,760	74,449	175,000	2,563	3,171	15,000	903
New Hampshire	1,978,797	1,108,424	1,944,000	6,054	23,218	.....	19,341
New Jersey	4,640,896	1,406,778	2,464,000	620,928	441,440	792,000	790,818
New Mexico	142,332	417,143	683,000	76,204	32,533	85,000	14,777
New York	24,111,257	25,409,324	37,253,000	466,850	1,736,483	1,167,000	960,170
North Carolina	4,662,751	4,775,693	5,460,000	373,663	1,344,410	1,035,000	25,521
North Dakota	1,273	4,374	.....	.....	35	.....	1
Ohio	20,617,480	4,663,752	8,316,000	240,686	1,036,340	348,000	244,565
Oklahoma	111,235	742,182	453,000	255,933	357,644	303,000	1,968
Oregon	873,980	1,930,926	3,500,000	101,190	179,030	118,000	112,225
Pennsylvania	24,060,651	11,048,430	17,775,000	143,464	1,023,570	1,210,000	434,177
Rhode Island	339,445	212,908	201,000	6,140	17,704	2,000	12,452
South Carolina	251,728	362,800	800,000	129,472	643,040	1,064,000	20,439
South Dakota	17,121	191,784	109,000	13	148	.....	157
Tennessee	5,387,775	4,640,444	4,700,000	77,678	1,579,019	840,000	43,609
Texas	591,985	168,008	198,000	1,400,240	729,631	2,041,000	166,418
Utah	189,882	350,023	780,000	85,315	143,237	1,080,000	59,982
Vermont	1,176,822	1,459,689	1,002,000	967	2,221	.....	10,239
Virginia	9,835,982	6,103,941	9,000,000	357,339	243,446	578,000	88,400
Washington	728,978	2,672,100	16,459,000	80,990	84,494	1,130,000	78,236
West Virginia	7,495,743	4,225,163	8,174,000	18,100	328,901	850,000	19,475
Wisconsin	303,373	2,232,112	2,061,000	209	956	.....	1,540
Wyoming	989	17,836	.....	.....	5	.....	3
Total	175,397,600	146,122,318	173,632,000	15,432,603	35,470,276	38,969,000	6,625,417
Geographic divisions.[2]							
North Atlantic	64,462,008	48,372,989	66,556,000	1,335,979	3,608,396	3,195,000	2,368,893
South Atlantic	26,772,835	18,375,485	28,059,000	1,412,471	5,571,628	11,421,000	745,294
North Central (east of Mississippi River)	47,650,850	25,080,615	26,626,000	716,670	5,120,841	766,000	782,265
North Central (west of Mississippi River)	14,322,739	22,633,470	9,364,000	212,932	1,643,257	.....	86,804
South Central	16,215,404	16,403,288	12,484,000	2,741,579	9,055,344	8,697,000	405,393
Far Western	5,973,764	15,256,471	30,543,000	9,012,972	10,470,810	14,890,000	2,236,768

[1] Total crop; the commercial crop is stated as 25,404,000 barrels.

[2] North Atlantic division: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania. South Atlantic division: Delaware, District of Columbia, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida. North Central division (east of Mississippi River): Ohio, Indiana, Illinois, Michigan, Wisconsin. North Central division (west of Mississippi River): Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas. South Central division: Indian Territory, Kentucky, Tennessee, Alabama, Mississippi, Louisiana, Texas, Oklahoma, Arkansas. Far Western division: Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Idaho, Washington, Oregon, California.

No. 122.—Orchard Products: Specified Fruits in Years Indicated—Contd.

State.	Pears—Continued.		Plums and prunes.		Cherries.		Apricots.	
	1909	1918	1899	1909	1899	1909	1899	1909
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
Alabama	100,041	152,000	11,876	61,712	1,159	3,588	115	(1)
Arizona	13,289	19,000	3,133	8,420	220	476	40,578	6,849
Arkansas	37,547	64,000	174,734	194,649	7,889	5,993	391	(1)
California	1,928,097	1,890,000	5,632,036	9,317,979	318,960	501,013	2,547,064	4,066,823
Colorado	132,536	194,000	15,224	81,539	5,387	88,937	2,363	11,403
Connecticut	41,322	34,000	9,733	13,663	12,271	3,617	64	(1)
Delaware	105,357	238,000	7,315	657	8,066	2,634	28	(1)
District of Columbia	455	.....	.....	10	248	235	.....	(1)
Florida	98,223	132,000	47,840	17,169	112	374	68	(1)
Georgia	149,667	188,000	36,920	60,845	5,950	4,979	98	(1)
Idaho	42,649	60,000	164,468	179,027	12,294	22,609	550	(1)
Illinois	249,365	302,000	157,941	78,566	204,279	287,376	1,437	(1)
Indiana	319,925	260,000	131,529	77,065	228,485	363,993	757	(1)
Indian Territory	.....	.....	4,051	.....	1,455	.....	76	.....
Iowa	44,449	32,000	186,312	158,036	118,743	260,432	378	(1)
Kansas	19,412	38,000	57,520	12,250	60,511	34,409	4,236	374
Kentucky	251,536	140,000	76,574	139,346	34,258	52,163	392	(1)
Louisiana	35,554	52,000	29,682	31,473	336	527	89	(1)
Maine	38,964	20,000	2,282	14,637	1,550	2,403	.....	(1)
Maryland	367,359	455,000	19,945	13,526	60,452	42,315	313	(1)
Massachusetts	96,071	77,000	5,919	17,814	6,043	4,761	25	(1)
Michigan	666,023	704,000	213,682	181,188	194,541	338,945	730	(1)
Minnesota	400	.....	21,820	19,920	960	1,526	2	(1)
Mississippi	101,288	136,000	66,793	101,974	2,352	2,819	772	(1)
Missouri	142,547	112,000	111,603	234,872	62,708	123,314	583	(1)
Montana	7,543	6,000	373	8,777	807	7,497	1	(1)
Nebraska	6,700	6,000	42,314	41,910	54,047	89,876	333	(1)
Nevada	4,083	6,000	542	3,857	114	481	280	(1)
New Hampshire	24,224	15,000	4,942	7,542	1,183	1,403	2	(1)
New Jersey	463,290	650,000	24,685	9,594	82,005	44,636	201	(1)
New Mexico	29,435	56,000	18,492	15,528	5,228	6,384	6,637	(1)
New York	1,343,089	1,352,000	303,688	553,522	218,642	271,597	15,710	9,805
North Carolina	84,019	108,000	22,074	61,406	33,899	53,788	245	(1)
North Dakota	8	.....	365	1,048	4	209	.....	(1)
Ohio	374,871	304,000	81,435	215,657	192,954	338,644	449	(1)
Oklahoma	7,450	38,000	7,986	25,916	1,766	2,372	493	1,123
Oregon	374,622	672,000	359,821	1,747,587	65,347	181,089	1,665	4,616
Pennsylvania	378,825	518,000	100,210	295,158	474,940	475,093	1,634	2,502
Rhode Island	12,501	10,000	571	1,872	1,329	214	12	(1)
South Carolina	65,680	98,000	16,177	48,754	6,551	10,987	120	(1)
South Dakota	162	.....	8,114	31,748	900	5,924	.....	(1)
Tennessee	83,557	112,000	73,315	139,093	11,688	36,303	211	(1)
Texas	110,967	246,000	180,813	75,222	2,189	1,062	1,620	1,839
Utah	38,654	51,000	45,984	68,249	9,905	21,402	5,272	12,047
Vermont	20,763	13,000	1,529	7,205	1,069	2,506	.....	(1)
Virginia	74,486	119,000	21,167	22,597	188,693	132,671	678	(1)
Washington	310,804	630,000	229,207	1,032,077	52,114	131,392	5,254	10,789
West Virginia	29,916	33,000	19,123	32,948	87,828	79,723	145	(1)
Wisconsin	12,992	.....	12,166	15,907	31,067	81,340	57	(1)
Wyoming	16	.....	7	659	1	68	.....	(1)
All other	.....	.....	.....	.....	.....	.....	.....	22,093
Total	8,840,733	10,342,000	8,764,032	15,480,170	2,873,499	4,126,099	2,642,128	4,150,263
Geographic divisions.[2]								
North Atlantic	2,419,049	2,689,000	453,559	921,007	799,032	806,230	17,648	.....
South Atlantic	975,162	1,371,000	190,561	257,912	391,799	327,706	1,695	.....
North Central (east of Mississippi River)	1,623,176	1,570,000	596,753	568,383	851,326	1,410,298	3,430	.....
North Central (west of Mississippi River)	213,078	188,000	428,048	499,784	297,873	515,690	5,532	.....
South Central	727,040	940,000	625,824	769,385	63,092	104,827	4,159	.....
Far Western	2,881,728	3,584,000	6,469,287	12,463,699	470,377	961,348	2,609,664	.....

[1] Included in "All other."
[2] For States included in each division, see note 2, on preceding page.

No. 123.—WEALTH PRODUCTION ON FARMS: 1879, 1889, AND 1899 TO 1918.

[Sources: Bureau of the Census, Department of Commerce, and Department of Agriculture.]

Calendar year.	Value of crops produced.	Value of live-stock products.	Total gross wealth produced.	Calendar year.	Value of crops produced.	Value of live-stock products.	Total gross wealth produced.[1]
	Thousand dollars.	*Thousand dollars.*	*Thousand dollars.*		*Thousand dollars.*	*Thousand dollars.*	*Thousand dollars.*
1879[2]	.....	.....	2,212,541	1908[3]	5,098,293	2,792,333	7,890,626
1889[2]	.....	.....	2,460,107	1909[2]	5,487,161	3,011,150	8,498,311
1899[2]	2,998,704	1,718,366	4,717,070	1910[3]	5,486,374	3,551,017	9,037,391
1900[3]	3,191,942	1,817,653	5,009,595	1911[3]	5,562,058	3,257,117	8,819,175
1901[3]	3,385,179	1,916,941	5,302,120	1912[3]	5,842,220	3,500,570	9,342,790
1902[3]	3,578,416	2,016,229	5,594,645	1913[3]	6,132,759	3,716,754	9,849,513
1903[3]	3,771,654	2,115,516	5,887,170	1914[3]	6,111,684	3,783,277	9,894,961
1904[3]	3,981,676	2,140,102	6,121,778	1915[3]	6,907,187	3,868,304	10,774,491
1905[3]	4,012,653	2,261,344	6,273,997	1916[3]	9,054,459	4,351,905	13,406,364
1906[3]	4,263,134	2,501,076	6,764,210	1917[3]	13,479,000	5,852,000	19,331,000
1907[3]	4,761,112	2,726,877	7,487,989	1918[3]	14,222,000	7,164,000	21,386,000

[1] To be read as index numbers. [2] Census figures. [3] Estimates of the Department of Agriculture.

No. 124.—NATIONAL FORESTS: TIMBER DISPOSED OF, QUANTITY, PRICE, AND NUMBER OF USERS, REVENUE UNDER SPECIFIED HEADS, AND DETAILS OF GRAZING PRIVILEGES, YEARS ENDED JUNE 30, 1913 TO 1918.

[Source: Reports of the Forest Service, Department of Agriculture.]

	1913	1914	1915	1916	1917	1918
Free timber given:						
Number of users	38,264	39,466	40,040	42,076	41,427	37,523
Timber cut.....[1] M ft.	121,750	120,575	123,259	119,483	113,073	98,476
Value.....dolls.	191,825	183,223	206,597	184,715	149,802	128,995
Timber sales:						
Number	6,182	8,303	10,905	10,840	11,608	13,037
Quantity.....[1] M ft.	2,137,311	1,540,084	1,093,589	857,321	2,008,087	1,453,299
Price per thousand board feet (average) ..... dolls.	2.01	2.30	2.44	1.95	1.85	2.28
Grazing:						
Area of ranges..acres.	104,000,000	108,000,000	110,000,000	110,000,000	110,000,000	110,000,000
Kinds of stock—						
Cattle.....No.	1,455,922	1,517,045	1,627,321	1,758,764	1,953,198	2,137,854
Goats.....No.	76,898	58,616	51,409	43,268	49,939	57,988
Hogs.....No.	3,277	3,381	2,792	2,968	2,306	3,371
Horses.....No.	97,919	99,835	96,933	98,903	98,880	102,158
Sheep.....No.	7,790,953	7,560,186	7,232,276	7,843,205	7,586,034	8,454,240
Total.....No.	9,424,969	9,239,063	9,010,731	9,747,108	9,690,857	10,755,611
Revenue:						
From—						
Timber sales..dolls.	1,282,647	1,243,195	1,164,008	1,367,041	1,595,873	1,519,867
Timber settlements[2] .....dolls.	36,105	39,927	3,181	2,299	17,102	99,501
Penalties for timber trespass ....dolls.	17,558	12,981	7,284	37,782	18,870	2,329
Turpentine sales[3] .....dolls.	.....	15,372	8,833	14,402	8,156	8,334
Fire trespass..dolls.	5,028	7,950	660	5,471	52,514	3,618
Water power.....	51,235	47,164	88,950	101,096	106,389	93,976
Special uses...dolls.	67,278	68,773	78,058	85,236	108,329	119,979
Grazing fees..dolls.	1,001,156	997,583	1,124,677	1,202,404	1,544,714	[4]1,702,586
Grazing trespass .....dolls.	6,583	4,765	5,818	7,810	5,081	23,532
Occupancy trespass.	.....	.....	.....	.....	.....	1,208
Total revenue .....dolls.	2,467,590	2,437,710	2,481,469	2,823,541	3,457,028	3,574,930

[1] See explanatory notes, p. xvi.
[2] Includes timber taken in the exercise of permits for rights of way, development of power, etc.
[3] Prior to 1914 receipts from sale of turpentine were included with timber sales.
[4] Includes $296 received from sale of buffalo.

No. 125.—LOCATION AND AREA OF THE NATIONAL FOREST LANDS ON JUNE 30, 1918: By States.

[Source: Reports of the Forest Service, Department of Agriculture.]

State and forest.	Area of national forest lands.
Alabama:	*Acres.*
Alabama	27,745
Alaska:	
Chugach	5,417,602
Tongass	15,450,657
Total	20,868,259
Arizona:	
Apache	1,182,163
Coconino	1,651,422
Coronado	1,306,164
Crook	870,106
Dixie [1]	17,680
Kaibab	1,072,339
Prescott	1,433,164
Sitgreaves	657,293
Tonto	1,993,437
Tusayan	1,611,773
Total	11,795,541
Arkansas:	
Arkansas	626,746
Ozark	291,840
Total	918,586
California:	
Angeles	820,199
California	807,444
Cleveland	547,951
Crater [1]	47,097
Eldorado [1]	550,352
Inyo [1]	1,272,260
Klamath [1]	1,489,745
Lassen	937,037
Modoc	1,186,068
Mono [1]	785,541
Monterey	319,543
Plumas	1,144,835
Santa Barbara	1,688,609
Sequoia	1,879,815
Shasta	803,448
Sierra	1,488,655
Siskiyou [1]	348,927
Stanislaus	810,559
Tahoe	540,845
Trinity	1,426,112
Total	18,895,042
Colorado:	
Arapaho	634,775
Battlement	650,596
Cochetopa	905,813
Colorado	847,328
Durango	616,630
Gunnison	906,491
Hayden [1]	65,598
Holy Cross	576,113
La Sal [1]	27,444
Leadville	930,585
Montezuma	696,044
Pike	1,079,150
Rio Grande	1,136,539
Routt	832,152
San Isabel	598,912
San Juan	617,498
Sopris	596,508
Uncompahgre	789,959
White River	846,809
Total	13,354,944
Florida:	*Acres.*
Florida	368,268
Idaho:	
Boise	1,058,941
Cache [1]	493,430
Caribou [1]	681,475
Challis	1,258,912
Clearwater	785,103
Coeur d'Alene	662,592
Idaho	1,170,801
Kaniksu [1]	197,476
Lemhi	1,095,924
Minidoka [1]	509,226
Nezperce	1,624,562
Payette	831,926
Pend Oreille	675,536
St. Joe	626,421
Salmon	1,621,250
Sawtooth	1,160,101
Selway	1,693,711
Targhee [1]	977,181
Weiser	562,362
Total	17,686,930
Maine:	
White Mountain [1]	24,994
Michigan:	
Michigan	89,466
Minnesota:	
Minnesota	190,602
Superior	853,477
Total	1,044,079
Montana:	
Absaroka	840,820
Beartooth	662,534
Beaverhead	1,335,483
Bitterroot	1,047,012
Blackfeet	904,587
Cabinet	837,250
Custer	428,601
Deerlodge	831,919
Flathead	1,756,255
Gallatin	564,695
Helena	687,335
Jefferson	1,038,499
Kootenai	1,334,836
Lewis and Clark	811,150
Lolo	850,677
Madison	956,776
Missoula	1,031,449
Sioux [1]	96,583
Total	16,016,138
Nebraska:	
Nebraska	205,944
Nevada:	
Dixie [1]	282,543
Eldorado [1]	400
Humboldt	1,298,115
Inyo [1]	72,817
Mono [1]	464,316
Nevada	1,220,781
Tahoe [1]	14,853
Toiyabe [1]	1,906,856
Total	5,260,681

[1] Area of forest in more than one State. (See last page of table for total area.)

No. 125.—LOCATION AND AREA OF THE NATIONAL FOREST LANDS ON JUNE 30, 1918: BY STATES—Continued.

State and forest.	Area of national forest lands.
	Acres.
New Hampshire:	
White Mountain [1]	275,969
New Mexico:	
Carson	859,149
Coronado [1]	126,318
Datil	2,668,675
Gila	1,464,411
Lincoln	1,140,762
Manzano	701,078
Santa Fe	1,371,544
Total	8,333,937
North Carolina:	
Pisgah	77,045
Oklahoma:	
Wichita	61,480
Oregon:	
Cascade	1,021,633
Crater [1]	798,588
Deschutes	1,287,266
Fremont	856,369
Klamath [1]	4,401
Malheur	1,057,682
Minam	430,694
Ochoco	716,604
Oregon	1,032,936
Santiam	607,097
Siskiyou [1]	998,090
Siuslaw	543,383
Umatilla	485,786
Umpqua	1,011,022
Wallowa	957,579
Wenaha	425,504
Whitman	882,496
Total	13,117,130
Porto Rico:	
Luquillo	12,443
South Dakota:	
Black Hills [1]	480,096
Harney	546,181
Sioux [1]	75,209
Total	1,101,486
Utah:	
Ashley [1]	975,058
Cache [1]	268,501
Dixie [1]	427,029
Utah—Continued.	*Acres.*
Fillmore	699,579
Fishlake	651,377
Lasal [1]	519,384
Manti	784,932
Minidoka [1]	72,123
Powell	688,491
Sevier	724,606
Uinta	987,917
Wasatch	604,518
Total	7,403,515
Virginia:	
Natural Bridge	73,597
Shenandoah [1]	87,159
Total	160,756
Washington:	
Chelan	677,424
Columbia	785,535
Colville	754,739
Kaniksu [1]	257,763
Okanogan	1,487,089
Olympic	1,534,583
Rainier	1,315,898
Snoqualmie	697,855
Washington	1,453,365
Wenaha [1]	313,434
Wenatchee	665,276
Total	9,942,961
West Virginia:	
Shenandoah [1]	13,318
Wyoming:	
Ashley [1]	5,987
Bighorn	1,120,102
Black Hills [1]	144,759
Bridger	712,454
Caribou [1]	6,330
Hayden [1]	324,696
Medicine Bow	473,762
Shoshone	1,576,733
Targhee [1]	335,481
Teton	1,924,968
Washakie	852,653
Wyoming	900,020
Total	8,377,945
Aggregate for the 151 national forests	155,374,602

[1] Forest extends into two or more States. (See following statement for total area.)

TOTAL AREA OF FORESTS EXTENDING INTO TWO OR MORE STATES.

Forest.	States.	Area of national forest lands.
		Acres.
Coronado	Arizona and New Mexico	1,432,482
Dixie	Arizona, Nevada, and Utah.	727,252
Crater	California and Oregon	845,685
Eldorado	California and Nevada	550,752
Inyo	do	1,345,077
Klamath	California and Oregon	1,494,146
Mono	California and Nevada	1,249,857
Siskiyou	California and Oregon	1,347,017
Tahoe	California and Nevada	555,698
Hayden	Colorado and Wyoming	390,294
Lasal	Colorado and Utah	546,828
Cache	Idaho and Utah	761,931
Caribou	Idaho and Wyoming	687,805
Kaniksu	Idaho and Washington	455,239
Minidoka	Idaho and Utah	581,349
Targhee	Idaho and Wyoming	1,312,662
White Mountain.	Maine and New Hampshire.	300,963
Shenandoah	Virginia and West Virginia.	100,477
Sioux	Montana and South Dakota.	171,792
Wenaha	Oregon and Washington	738,938
Black Hills	South Dakota and Wyoming.	624,855
Ashley	Utah and Wyoming	981,045

No. 126.—FOREST LANDS ACQUIRED UNDER THE WEEKS LAW: AREAS, JUNE 30, 1918.

[Source: Reports of the Forest Service, Department of Agriculture.]

State and purchase area.[1]	Lands under protection.		
	Lands acquired.	Additional lands approved for purchase.	Total.
	Acres.	*Acres.*	*Acres.*
Alabama:			
Alabama[2]	[3] 27,744	29,960	57,704
Arkansas:			
Arkansas	.....	440	440
Ozark	.....	557	557
Total	.....	997	997
Georgia:			
Georgia	59,972	262	60,234
Savannah (part)	35,998	11,663	47,661
Total	95,970	11,925	107,895
Maine:			
White Mountain (part)	24,994	4,420	29,414
New Hampshire:			
White Mountain (part)	275,969	95,850	371,819
North Carolina:			
Boone	25,737	22,233	47,970
Mount Mitchell	55,039	20,634	75,673
Nantahala	34,016	[3] 50,012	[3] 84,028
Pisgah (national forest)[2]	77,045	11,157	88,202
Savannah (part)	31,922	5,487	37,409
Total	223,759	109,523	333,282
South Carolina:			
Savannah (part)	17,381	1,073	18,454
Tennessee:			
Cherokee	91,364	46,379	137,743
Unaka	11,854	39,319	51,173
White Top (part)	40,906	6,261	47,167
Total	144,124	91,959	236,083
Virginia:			
Massanutten[2]	38,388	19,893	58,281
Natural Bridge	73,597	32,511	106,108
Potomac (part)	23,156	17,959	41,115
Shenandoah (part)[2]	87,159	64,987	152,146
White Top (part)	11,358	11,046	22,404
Total	233,658	146,396	380,054
West Virginia:			
Monongahela	44,921	9,096	54,017
Potomac (part)	30,954	7,429	38,383
Shenandoah (part)[2]	13,318	383	13,701
Total	89,193	16,908	106,101
Grand total	1,132,792	509,011	1,641,803

[1] "Purchase area" is a definite tract within which purchases of land for national forest purposes are made. Each purchase area is given a specific name, as for example, the Alabama Purchase Area, the Savannah Purchase Area, the White Mountain Purchase Area. As lands are acquired they are put under administration and eventually proclaimed as national forests.

[2] Established as national forest, and included in preceding pages.

[3] Includes 13,655 acres United States public lands.

[4] Includes 11,368 acres transferred from Department of the Treasury.

No. 127.—PRODUCTION OF LUMBER, CALENDAR YEARS 1880, 1890, 1900, 1910, 1915, AND 1917: BY STATES AND GEOGRAPHIC GROUPS.

[Sources: Reports of the Bureau of the Census, Department of Commerce, in cooperation with the Forest Service, Department of Agriculture. Statistics 1915 to 1917 gathered entirely by the latter.]

State and group.	1880	1890	1900	1910	1915[1]	1917[1]
	M feet.[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]
Northeastern group:						
Connecticut	(3)	(3)	(3)	126,463	90,000	66,000
Delaware	(3)	(3)	(3)	46,642	25,000	8,500
Maine	566,656	564,243	756,515	860,273	1,000,000	770,000
Massachusetts	205,244	208,655	342,058	239,206	250,000	155,000
New Hampshire	292,267	266,890	562,258	443,907	500,000	290,000
New Jersey	(3)	(3)	(3)	36,542	45,000	25,000
New York	1,184,220	909,990	874,754	506,074	475,000	360,000
Pennsylvania	1,733,844	2,113,267	2,321,284	1,241,199	950,000	565,000
Rhode Island	(3)	(3)	(3)	14,392	15,000	10,646
Vermont	(3)	(3)	(3)	284,815	260,000	170,000
Lake group:						
Michigan	4,172,572	4,245,717	3,012,057	1,681,081	1,100,000	1,065,000
Minnesota	563,974	1,079,403	2,341,619	1,457,734	1,100,000	1,075,000
Wisconsin	1,542,021	2,817,200	3,361,943	1,891,291	1,210,000	1,385,000
Miscellaneous group:						
Arizona	(3)	(3)	(3)	72,655	75,915	79,022
Colorado	(3)	(3)	(3)	121,398	74,500	71,500
Idaho	18,204	27,800	65,331	745,984	777,000	760,000
Iowa	(3)	(3)	(3)	75,446	35,000	13,436
Kansas	(3)	(3)	(3)	639	(3)	4,255
Montana	(3)	(3)	(3)	319,089	328,000	350,000
Nebraska	(3)	(3)	(3)	(3)	.....	.....
Nevada	(3)	.....	(3)	(3)	(4)	(4)
New Mexico	(3)	(3)	(3)	83,544	65,787	93,000
South Dakota	(3)	(3)	(3)	16,340	22,562	29,045
Utah	(3)	(3)	(3)	11,786	10,892	8,567
Wyoming	(3)	(3)	(3)	30,931	17,000	8,700
Central group:						
Illinois	(3)	(3)	(3)	113,506	110,000	45,000
Indiana	915,943	707,115	977,878	422,963	350,000	240,000
Kentucky	305,684	420,820	765,343	753,556	560,000	360,000
Missouri	399,744	395,755	715,968	501,691	350,000	275,000
Ohio	910,832	541,076	957,239	490,039	400,000	225,000
Tennessee	302,673	450,097	939,463	1,016,475	800,000	630,000
West Virginia	180,112	299,709	773,583	1,376,737	1,100,000	890,000
Pacific group:						
California	304,795	515,823	734,232	1,254,826	1,130,000	1,417,068
Oregon	177,171	444,565	734,181	2,084,633	1,690,000	2,585,000
Washington	160,176	1,061,560	1,428,205	4,097,492	3,950,000	4,568,500
Southern group:						
Alabama	251,851	586,143	1,096,539	1,465,623	1,500,000	1,555,000
Arkansas	172,503	526,091	1,595,933	1,844,446	1,800,000	1,765,000
Florida	247,627	411,436	788,905	992,091	1,110,000	1,230,000
Georgia	451,788	572,970	1,308,610	1,041,617	1,000,000	740,000
Louisiana	133,472	303,591	1,113,423	3,733,900	3,900,000	4,210,000
Maryland	(3)	(3)	(3)	154,554	165,000	68,000
Mississippi	168,747	452,797	1,202,334	2,122,205	2,300,000	2,425,000
North Carolina	241,822	509,436	1,278,399	1,824,722	2,090,000	1,460,000
Oklahoma	.....	(3)	(3)	164,663	230,000	240,000
South Carolina	185,772	197,940	466,109	706,831	800,000	745,000
Texas	328,968	339,724	1,230,904	1,884,134	1,750,000	1,735,000
Virginia	315,939	409,804	956,169	1,652,192	1,500,000	1,060,000
Geographic groups.						
Northeastern group	3,982,231	4,063,045	4,856,869	3,799,513	3,610,000	2,420,146
Lake group	6,278,567	8,142,320	8,715,619	5,030,106	3,410,000	3,525,000
Southern group	2,498,489	4,809,932	11,037,325	17,586,978	18,145,000	17,233,000
Central group	3,014,988	2,814,572	5,129,474	4,674,967	3,670,000	2,665,000
Pacific group	642,142	2,021,948	2,896,618	7,436,951	6,770,000	8,570,568
Miscellaneous group	18,204	27,800	65,331	1,477,812	1,406,656	1,417,525
States not specified	1,652,735	1,615,236	2,079,277	11,955	.....	.....
Total	18,087,356	23,494,853	34,780,513	[6] 40,018,282	[6] 37,011,656	[6] 35,831,239

[1] Computed totals for 1915, 1916, and 1917.
[2] See explanatory notes, p. xvi.
[3] Included in "States not specified."
[4] Included with California.
[6] Does not include the cut of mills sawing less than 50,000 feet.

No. 128.—PRODUCTION AND AVERAGE MILL VALUE OF LUMBER SAWED, CALENDAR YEAR 1909, AND PRODUCTION, CALENDAR YEARS 1915 AND 1917: BY PRINCIPAL KINDS OF WOOD.

[Sources: Reports of the Bureau of the Census, Department of Commerce, in cooperation with the Forest Service, Department of Agriculture.]

Kind.	1909			1915		1917	
	Quantity.	Value.	Average value per M feet.[1]	Quantity.	Value.[2]	Quantity.	Average value per M feet.
	M feet.	*Dollars.*	*Dollars.*	*M feet.*	*Dollars.*	*M feet.*	*Dollars.*
Ash	291,209	7,116,089	24.44	190,000	22.15	175,000	30.01
Basswood	399,151	7,781,563	19.50	260,000	18.89	203,000	25.96
Beech	511,244	6,773,006	13.25	360,000	14.01	296,000	19.58
Birch	452,370	7,666,186	16.95	415,000	16.52	415,000	24.07
Cedar	346,008	6,901,948	19.95	420,000	16.10	265,000	19.40
Chestnut	663,891	10,703,130	16.12	490,000	16.17	415,000	21.54
Cottonwood	265,600	4,794,424	18.05	180,000	17.36	190,000	23.19
Cypress	955,635	19,549,741	20.46	1,100,000	19.85	950,000	23.92
Douglas fir	4,856,378	60,435,793	12.44	4,431,249	10.59	5,585,000	16.28
Elm	347,456	6,088,098	17.52	210,000	16.98	205,000	23.89
Hemlock	3,051,399	42,580,800	13.95	2,275,000	13.14	2,200,000	20.78
Maple	1,106,604	17,447,814	15.77	900,000	15.21	860,000	23.16
Oak	4,414,457	90,512,069	20.50	2,970,000	18.73	2,250,000	24.49
Poplar (yellow)	858,500	21,799,854	25.39	464,000	22.45	350,000	27.17
Red gum	706,945	9,334,268	13.20	655,000	12.54	788,000	19.56
Redwood	521,630	7,720,124	14.80	420,294	13.54	487,458	21.00
Spruce	1,748,547	29,561,315	16.91	1,400,000	16.58	1,125,000	24.41
Western pine	1,499,985	23,077,854	15.39	1,293,985	14.32	1,960,000	19.59
White pine[3]	3,900,034	70,880,131	18.16	2,700,000	17.44	2,250,000	24.81
Yellow pine	16,277,185	206,605,297	12.69	14,700,000	12.41	13,539,464	19.00
Larch				375,000	10.78	360,000	16.19
Tupelo				170,000	12.25	265,000	18.06
White fir				125,048	10.94	218,200	17.33
Sugar pine				117,701	17.40	132,000	24.69
Hickory				100,000	23.35	95,000	29.48
Balsam fir				100,000	13.79	88,000	20.02
Walnut				90,000	48.47	62,000	72.99
Sycamore				25,000	13.86	32,000	18.68
Lodgepole pine				26,486	13.57	12,500	18.34
Minor species				47,893			
All other	1,335,633	27,300,355	20.44			56,117	
Total	44,509,761	684,479,859	15.38	37,011,656	14.04	35,831,239	20.32
Total—							
1912						39,158,414	
1913						38,387,009	
1914						37,346,023	
1915						37,011,656	
1916						39,807,251	

[1] See explanatory notes, p. xvi.
[2] Computed value of total production.
[3] Includes Norway pine.

No. 129.—FIREWOOD USED ON FARMS: ESTIMATED NUMBER OF FARMS, QUANTITY AND VALUE OF WOOD USED, WITH AVERAGES PER FARM, 1917, AND PRICES PER CORD, DECEMBER, 1916 AND 1917.

[Source: Report of the Department of Agriculture.]

State.	Number of farms, 1917 (estimated).	Cords per farm.	Total cords.	Price per cord.		Value of wood used, basis December, 1917, prices.	
				December, 1916.	December, 1917.	Per farm.	Total.
				Dolls.	*Dolls.*	*Dolls.*	*Dolls.*
Maine	60,000	13	780,000	4.50	6.40	83.20	4,992,000
New Hampshire	27,000	12	324,000	4.60	6.40	76.80	2,074,000
Vermont	33,000	15	495,000	4.35	6.00	90.00	2,970,000
Massachusetts	37,000	10	370,000	4.70	6.35	63.50	2,350,000
Rhode Island	5,000	10	50,000	4.00	5.80	58.00	290,000
Connecticut	27,000	13	351,000	4.50	6.00	78.00	2,106,000
New York	215,000	14	3,010,000	4.00	4.60	64.40	13,846,000
New Jersey	33,000	8	264,000	4.00	5.10	40.80	1,346,000
Pennsylvania	218,000	9	1,962,000	2.60	3.50	31.50	6,867,000
Delaware	11,000	13	143,000	3.10	4.20	54.60	601,000
Maryland	50,000	13	650,000	3.20	4.15	53.95	2,698,000
Virginia	190,000	18	3,420,000	2.40	3.20	57.60	10,944,000
West Virginia	99,000	16	1,584,000	2.30	2.90	46.40	4,594,000
North Carolina	259,000	17	4,403,000	2.10	2.75	46.75	12,108,000
South Carolina	185,000	14	2,590,000	2.10	3.00	42.00	7,770,000
Georgia	300,000	16	4,800,000	2.00	2.50	40.00	12,000,000
Florida	55,000	11	605,000	2.60	3.10	34.10	1,876,000
Ohio	271,000	13	3,523,000	3.00	3.60	46.80	12,683,000
Indiana	215,000	12	2,580,000	3.30	3.70	44.40	9,546,000
Illinois	250,000	9	2,250,000	3.40	4.60	41.40	10,350,000
Michigan	209,000	13	2,717,000	4.00	5.25	68.25	14,264,000
Wisconsin	180,000	13	2,340,000	4.20	5.50	71.50	12,870,000
Minnesota	157,000	11	1,727,000	4.30	5.40	59.40	9,326,000
Iowa	215,000	5	1,075,000	4.20	4.70	23.50	5,052,000
Missouri	275,000	13	3,575,000	2.60	3.20	41.60	11,440,000
North Dakota	90,000	3	270,000	6.40	7.50	22.50	2,025,000
South Dakota	90,000	3	270,000	6.00	6.20	18.60	1,674,000
Nebraska	135,000	3	405,000	3.90	4.25	12.75	1,721,000
Kansas	180,000	6	1,080,000	3.30	4.25	25.50	4,590,000
Kentucky	265,000	18	4,770,000	1.70	2.20	39.60	10,494,000
Tennessee	250,000	19	4,750,000	1.75	2.20	41.80	10,450,000
Alabama	270,000	18	4,860,000	1.80	2.00	36.00	9,720,000
Mississippi	285,000	16	4,560,000	1.90	2.30	36.80	10,488,000
Louisiana	122,000	15	1,830,000	2.25	2.50	37.50	4,575,000
Texas	430,000	9	3,870,000	2.80	3.40	30.60	13,158,000
Oklahoma	210,000	10	2,100,000	2.75	3.10	31.00	6,510,000
Arkansas	225,000	19	4,275,000	2.00	2.35	44.65	10,046,000
Montana	35,000	10	350,000	4.50	4.80	48.00	1,680,000
Wyoming	15,000	10	150,000	3.80	4.50	45.00	675,000
Colorado	55,000	6	330,000	3.70	4.50	27.00	1,485,000
New Mexico	45,000	9	405,000	4.00	4.20	37.80	1,701,000
Arizona	12,000	9	108,000	5.40	5.75	51.75	621,000
Utah	23,000	8	184,000	4.00	5.00	40.00	920,000
Nevada	3,000	11	33,000	6.00	7.00	77.00	231,000
Idaho	36,000	9	324,000	4.60	5.00	45.00	1,620,000
Washington	65,000	11	715,000	4.50	5.20	57.20	3,718,000
Oregon	50,000	12	600,000	3.90	4.70	56.40	2,820,000
California	95,000	10	950,000	5.80	7.40	74.00	7,030,000
Total	6,562,000	12.6	82,777,000	2.75	3.42	43.13	282,915,000

No. 130.—SUMMARY OF THE DISTRIBUTION OF FISH AND EGGS, YEAR ENDED JUNE 30, 1918: BY SPECIES.

[Source: Reports of the Bureau of Fisheries, Department of Commerce.]

Species.	Eggs.[1]	Fry.	Fingerlings, yearlings, and adults.	Total.
Catfish			12,733,330	12,733,330
Carp		3,250,000	1,660,941	4,910,941
Buffalofish		28,260,000	2,417,052	30,677,052
Shad		52,543,900		52,543,900
Alewife		100,000		100,000
River herring			3,700,000	3,700,000
Whitefish	75,540,000	408,492,000		484,032,000
Lake herring		65,130,000		65,130,000
Silver salmon		980,300	10,534,115	11,514,415
Chinook salmon	17,574,900	6,028,920	63,176,244	86,780,064
Blueback salmon	13,000,000	38,137,000	45,599,785	96,736,785
Humpback salmon		5,193,065	3,754,000	8,947,065
Chum salmon		9,892,145		9,892,145
Steelhead salmon	1,570,000	172,000	7,022,488	8,764,488
Rainbow trout	1,139,250	22,000	1,654,477	2,815,727
Atlantic salmon		2,577,000	671	2,577,671
Landlocked salmon	478,000	306,395	87,837	872,232
Blackspotted trout	1,090,000	3,821,000	1,878,500	6,789,500
Loch Leven trout			56,000	56,000
Lake trout	21,718,000	39,599,200	226,797	61,543,997
Brook trout	378,175	3,876,265	7,882,668	12,137,108
Sunapee trout			7,372	7,372
Smelt		1,218,750		1,218,750
Pike and pickerel			106,408	106,408
Fresh-water drum			83,473	83,473
Crappies			2,905,812	2,905,812
Largemouth black bass		283,500	970,020	1,255,520
Smallmouth black bass		172,500	155,674	328,174
Rock bass			83,055	83,055
Warmouth bass			9,220	9,220
Sunfish			1,644,558	1,644,558
Pike perch	14,560,000	56,000,000	1,954	70,561,954
Yellow perch		182,899,000	459,282	183,358,282
White perch		2,900,000		2,900,000
White bass			47,261	47,261
Striped bass		14,349,000		14,349,000
Mackerel		4,648,000		4,648,000
Cod		77,659,000		77,659,000
Pollock		233,700,000		233,700,000
Haddock		17,830,000		17,830,000
Flounder		2,455,371,000		2,455,371,000
Miscellaneous fishes			100,200	100,200
Lobster		66,680,000	5,700	66,685,700
Total	147,048,325	3,782,091,940	168,964,894	4,098,105,159

[1] Most of the eggs shown were donated to the various States and incubated in local hatcheries, the resulting fish being planted under State auspices.

No. 131.—COMPARATIVE STATEMENT OF THE OUTPUT AND COST OF FISH AND FISH EGGS, YEARS ENDED JUNE 30, 1890, 1895, AND 1900, AND 1912 TO 1918: BY SPECIES.

[Source: Reports of the Bureau of Fisheries, Department of Commerce.]

Year.	Eggs.	Fry.	Fingerlings, yearlings, and adults.	Total.	Cost per million.[1]
					Dollars.
1890	44,280,000	261,706,606	383,942	306,370,548	.....
1895	55,408,200	561,894,350	2,613,302	619,915,852	292.64
1900	88,682,000	1,070,756,779	4,897,975	1,164,336,754	250.00
1912	229,599,960	3,426,106,826	32,214,271	3,687,921,057	147.44
1913	422,275,873	3,421,591,295	19,726,114	3,863,593,282	140.82
1914	530,213,575	3,494,991,837	32,438,005	4,047,643,417	134.80
1915	536,260,143	3,694,281,699	58,215,962	4,288,757,804	131.55
1916	425,700,794	4,339,300,337	92,261,435	4,847,262,566	117.86
1917	318,939,100	4,757,908,782	82,115,411	5,158,963,293	114.46
1918	147,048,325	3,782,091,940	168,964,894	4,098,105,159	147.98

[1] Includes all expenditures chargeable to fish culture and distribution and salaries of all employees in the fish-cultural field service and the administrative and clerical force in Washington, D. C.

No. 132.—ALLOTMENTS OF FISH AND EGGS TO STATE FISH COMMISSIONS, YEAR ENDED JUNE 30, 1918: By States and Species.

[Source: Reports of the Bureau of Fisheries, Department of Commerce.]

State and species.	Eggs, fry, fingerlings, yearlings, and adults.[1]
California: Chinook salmon	14,321,900
Connecticut:	
Largemouth black bass	†515
Catfish	†750
Crappie	†1,500
Sunfish	†2,400
Illinois:	
Largemouth black bass	†825
Catfish	†12,200
Crappie	†21,850
Lake trout	100,000
Pike and pickerel	†688
Sunfish	†9,370
White bass	†2,665
Whitefish	5,000,000
Yellow perch	†2,575
Iowa:	
Brook trout	50,000
Lake trout	50,000
Rainbow trout	94,000
Kentucky:	
Brook trout	†600
Pike perch	*2,400,000
Rainbow trout	†1,600
Maine:	
Brook trout	100,000
Lake trout	100,000
Landlocked salmon	378,000
Maryland:	
Catfish	†180
Crappie	†200
Smallmouth black bass	†88
Massachusetts: Pike perch	5,000,000
Michigan: Lake trout	2,550,000
Minnesota:	
Lake trout	300,000
Steelhead salmon	50,000
Montana:	
Blackspotted trout	300,000
Largemouth black bass	†1,400
Catfish	†3,000
Rainbow trout	300,000
Sunfish	†100
Nebraska: Rainbow trout	†16,000
Nevada:	
Blackspotted trout	50,000
Rainbow trout	50,000
New Hampshire:	
Lake trout	100,000
Pike perch	2,000,000
Whitefish	500,000
New Jersey:	
Largemouth black bass	†200
Landlocked salmon	25,000
Rainbow trout	50,000
Steelhead salmon	50,000
New York:	
Lake trout	11,766,000
Landlocked salmon	50,000
Steelhead salmon	400,000
Whitefish	15,000,000
Ohio: Lake trout	700,000
Oklahoma:	
Rock bass	†1,550
Sunfish	†1,550
Yellow perch	†100 *10,000
Oregon:	
Brook trout	†36,000
Chinook salmon	3,150,000
Sockeye salmon	3,000,000
Steelhead salmon	750,000
Pennsylvania: Whitefish	38,200,000
Rhode Island:	
Brook trout	30,000 †20,000
Smallmouth black bass	†690
South Dakota:	
Largemouth black bass	†1,050
Brook trout	†6,000
Catfish	†12,300
Crappie	†2,200
Sunfish	†5,100
Tennessee:	
Brook trout	25,000
Rainbow trout	100,000
Vermont:	
Lake trout	300,000
Landlocked salmon	10,000
Pike perch	7,056,000
Steelhead salmon	50,000
Washington:	
Blackspotted trout	200,000
Lake trout	300,000
Wisconsin:	
Largemouth black bass	†3,425
Catfish	†900
Crappie	†1,200
Lake trout	5,402,000
Whitefish	15,000,000
Wyoming:	
Blackspotted trout	200,000
Rainbow trout	50,000
Steelhead salmon	50,000
Total	133,307,900 *2,410,000 †170,771

[1] All figures are for eggs unless otherwise indicated. Fry are designated with an asterisk (*), and fingerlings, yearlings, and adults with a dagger (†).

No. 133.—ALASKA FISHERIES: Summary of Products, Calendar Years 1915, 1916, and 1917.

[Source: Reports of the Bureau of Fisheries, Department of Commerce.]

Product.	1915		1916		1917	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Salmon:		*Dollars.*		*Dollars.*		*Dollars.*
Canned.....cases..	4,500,293	18,653,015	4,900,627	23,269,429	5,947,286	46,304,090
Mild-cured.....pounds..	2,224,800	191,523	3,920,400	397,628	2,850,400	344,028
Pickled.....barrels..	13,293	148,640	17,734	212,667	36,390	590,497
Fresh (including local)..pounds..	2,416,603	192,268	1,713,848	136,983	4,559,785	404,048
Frozen.....do....	720,791	27,276	863,406	34,408	1,282,182	81,574
Dry-salted, dried, and smoked .....do....	45,625	1,423	60,622	3,723	377,000	53,844
Halibut:						
Fresh (including local).....do....	10,047,634	554,808	5,672,118	407,422	7,038,283	605,205
Frozen.....do....	5,589,864	244,423	5,724,023	268,319	6,115,128	515,021
Fletched.....do....	80,291	2,690	68,958	2,368	.....	.....
Pickled and mild-cured....do....	.....	.....	30,458	1,354	.....	.....
Cod.....do....	14,195,775	390,199	14,302,364	518,797	13,777,470	744,976
Herring.....do....	7,194,610	114,099	6,839,200	216,640	.....	.....
Canned.....cases..	.....	.....	19,850	132,330	49,245	326,522
Fresh and frozen for food.pounds..	.....	.....	.....	.....	23,082	907
Fresh and frozen for bait...do....	.....	.....	.....	.....	6,089,780	57,556
Pickled for food.....do....	.....	.....	.....	.....	4,593,025	248,299
Dry-salted for food.....do....	.....	.....	.....	.....	165,000	11,349
Smoked for food.....do....	.....	.....	.....	.....	21,600	700
Oil.....gallons..	130,028	26,005	188,926	47,231	205,992	82,396
Fertilizer.....pounds..	1,238,000	15,475	[1] 875	21,875	[1] 1,037	40,000
Whale oil.....gallons..	876,500	295,000	717,500	291,500	900,883	438,362
Sperm oil.....do....	101,800	38,000	90,500	29,750	197,670	149,270
Whale fertilizer.....pounds.	2,990,000	48,750	2,272,000	41,000	1,980,600	61,720
Whalebone.....do....	.....	.....	1,873	1,471	14,866	5,500
Trout.....do....	41,975	3,420	.....	.....	.....	.....
Frozen.....do....	.....	.....	50,822	3,647	7,798	701
Pickled.....do....	.....	.....	.....	.....	34,800	1,899
Fresh.....do....	.....	.....	.....	.....	35,168	3,317
Pickled.....barrels..	.....	.....	17	193	.....	.....
Canned.....cases..	.....	.....	530	3,095	1,408	10,979
Sable fish.....pounds..	.....	.....	304,141	11,185	1,020,490	38,303
Black cod.....do....	142,550	3,971	.....	.....	.....	.....
Atka mackerel.....barrels..	30	300	27	270	.....	.....
Red rock cod.....pounds..	.....	.....	45,200	1,294	150,453	3,696
Miscellaneous fresh fish, local..do....	100,000	7,000	116,667	9,333	114,167	2,247
Clams.....cases..	.....	.....	10,093	35,622	74,515	274,036
Shrimps.....pounds..	.....	.....	72,005	3,636	65,000	3,400
Shrimp fertilizer (shells).....do....	.....	.....	3,880	114	.....	.....
Shark hides.....number..	.....	.....	450	4,000	.....	.....
Shark oil.....gallons..	.....	.....	2,700	1,350	.....	.....
Crabs.....pounds..	14,395	713	.....	.....	[2] 410	665
By-products:						
Oil.....gallons..	47,976	14,227	40,750	20,150	25,150	19,560
Fertilizer and meal.....pounds..	1,562,000	26,028	1,438,000	27,775	1,642,000	42,313
Total.....	.....	20,999,343	.....	26,156,559	.....	51,466,980

[1] Tons. [2] Dozens.

No. 134.—ALASKA FISHERIES: Output of Canned Salmon, Calendar Years 1911 to 1917.[1]

[Source: Reports of the Bureau of Fisheries, Department of Commerce.]

Product.	1911	1912	1913	1914	1915	1916	1917	Total.
Coho, or silver:	*Cases.*	*Cases.*	*Cases.*	*Cases.*	*Cases.*	*Cases.*	*Cases.*	*Cases.*
½-pound flat	1,574	2,719	3,587	4,579	2,050	13,145	30,412	58,066
1-pound flat	1,075	17	266	285	2,338	8,191	362	13,534
1-pound tall	131,259	163,462	71,926	152,199	119,880	240,573	162,457	1,041,756
Total	133,908	166,198	75,779	157,063	124,268	261,909	193,231	1,112,356
Chum or keta:								
½-pound flat	.....	2,795	985	373	.....	1,423	26,760	32,336
1-pound flat	7,245	.....	2,619	5,568	317	.....	2,530	18,279
1-pound tall	316,550	661,838	287,314	657,918	479,629	722,692	877,457	4,003,398
Total	323,795	664,633	290,918	663,859	479,946	724,115	906,747	4,054,013
Humpback, or pink:								
½-pound flat	4,836	13,712	20,822	2,103	4,325	41,491	91,403	178,692
1-pound flat	9,437	.....	3,258	9,286	3,508	14,796	6,014	46,299
1-pound tall	991,005	1,266,426	1,348,801	974,660	1,867,683	1,681,506	2,199,559	10,329,640
Total	1,005,278	1,280,138	1,372,881	986,049	1,875,516	1,737,793	2,296,976	10,554,631
King, or spring:								
½-pound flat	67	5,151	1,585	3,143	2,404	2,617	12,973	27,940
1-pound flat	.....	.....	.....	4,804	3,755	3,804	3,133	17,496
1-pound tall	45,451	38,166	32,785	40,092	82,092	59,452	45,845	341,883
Total	45,518	43,317	34,370	48,039	88,251	65,873	61,951	387,319
Red, or sockeye:								
½-pound flat	13,601	28,024	29,041	53,825	52,033	81,565	124,319	382,398
1-pound flat	4,967	16,242	11,735	64,671	112,847	86,395	89,612	386,469
1-pound tall	1,296,750	1,856,089	1,924,461	2,083,147	1,765,139	1,936,971	2,274,460	13,137,017
1½-pound nominals	.....	.....	.....	.....	2,293	.....	.....	2,293
2-pound nominals	.....	.....	.....	.....	.....	6,006	.....	6,006
Total	1,315,318	1,900,355	1,965,237	2,201,643	1,932,312	2,110,937	2,488,381	13,914,183
Grand total	2,823,817	4,054,641	3,739,185	4,056,653	4,500,293	4,900,627	5,947,286	30,022,502

[1] All cases contain 48 cans. The ½-pound cans have been reduced one-half in number and treated as 1-pound cans.

MANUFACTURES AND MINES.

No. 135.—MANUFACTURES: Classified According to Average Number of Wage Earners, 1914.

[Source: Bureau of the Census, Department of Commerce.]

Establishments employing—	Number of establishments.	Average number of wage earners.	Per cent of total.	
			Establishments.	Wage earners.
No wage earners	32,856	.....	11.9	.....
1 to 5 wage earners	140,971	317,216	51.1	4.5
6 to 20 wage earners	54,379	606,594	19.7	8.6
21 to 50 wage earners	22,932	742,529	8.3	10.6
51 to 100 wage earners	11,079	791,726	4.0	11.3
101 to 250 wage earners	8,470	1,321,077	3.1	18.8
251 to 500 wage earners	3,108	1,075,108	1.1	15.3
501 to 1,000 wage earners	1,348	926,828	.5	13.2
Over 1,000 wage earners	648	1,255,259	.2	17.8
Total	275,791	7,036,337	100.0	100.0

No. 136.—MANUFACTURES: Engines and Power, Classified According to Kind, 1904, 1909, and 1914.

[Source: Bureau of the Census, Department of Commerce.]

Power.	Number of engines or motors.			Horsepower.			Per cent distribution horsepower.		
	1904	1909	1914	1904	1909	1914	1904	1909	1914
Primary power:									
Owned—									
Steam [1]	127,267	153,525	137,176	10,917,502	14,228,632	15,681,688	80.9	76.2	69.5
Gas	21,515	34,356	37,693	289,423	751,186	991,905	2.1	4.0	4.4
Water wheels	19,595	20,079	16,919	1,641,949	1,807,439	1,786,418	12.2	9.7	7.9
Water motors	1,397	1,203	1,150	5,931	15,449	40,025	(2)	.1	.2
Total	169,774	209,163	192,938	12,854,805	16,802,706	18,500,036	95.3	90.0	82.0
Rented—									
Electric	61,589	199,309	452,102	441,589	1,749,031	3,917,655	3.3	9.4	17.4
Other	.....	.....	.....	191,313	123,639	129,883	1.4	.7	.6
Total	61,589	199,309	452,102	632,902	1,872,670	4,047,538	4.7	10.0	18.0
Grand total	231,363	408,472	645,040	13,487,707	18,675,376	22,547,574	100.0	100.0	100.0
Electric motors:									
Run by current generated by establishment	73,119	189,545	320,260	1,150,886	3,068,109	4,929,967	72.3	63.7	55.7
Run by rented power	61,589	199,309	452,102	441,589	1,749,031	3,917,655	27.7	36.3	44.3
Total	134,708	388,854	772,362	1,592,475	4,817,140	8,847,622	100.0	100.0	100.0

[1] Figures for horsepower include, for 1904 and 1909, the amount reported under "Other" owned power.
[2] Less than one-tenth of 1 per cent.

No. 137.—MANUFACTURES: Fuel Used, Classified According to Kinds, 1914.

[Source: Bureau of the Census, Department of Commerce.]

Kind.	Quantity.	Kind.	Quantity.
Anthracite coal.....long tons..	14,724,265	Oil, including gasoline, etc....barrels..	48,689,232
Bituminous coal.....short tons..	[1] 166,699,827	Gas.....1,000 feet..	285,609,876
Coke.....do....	32,539,325		

[1] Includes 51,623,750 tons used in making coke.

No. 138.—MANUFACTURES: Classified According to Character of Ownership of the Establishment, Calendar Years 1904, 1909, and 1914.

[Source: Bureau of the Census, Department of Commerce.]

Character of ownership, and year.	Establishments.		Wage earners.		Products.		Added by manufacture.	
	Number.	Per cent of total.	Average number.	Per cent of total.	Value.	Per cent of total.	Value.	Per cent of total.
					Dollars.		*Dollars.*	
Individual:								
1904	113,946	52.7	755,923	13.8	1,702,830,624	11.5	824,292,887	13.1
1909	140,605	52.4	804,883	12.2	2,042,061,500	9.9	968,824,072	11.4
1914	142,436	51.6	707,568	10.1	1,925,518,298	7.9	903,524,881	9.1
Corporation:								
1904	51,097	23.6	3,862,698	70.6	10,904,069,307	73.7	4,526,055,153	71.9
1909	69,501	25.9	5,002,393	75.6	16,341,116,634	79.0	6,582,207,117	77.2
1914	78,151	28.3	5,649,646	80.3	20,177,084,844	83.2	8,088,691,744	81.9
Other:								
1904	51,137	23.7	849,762	15.5	2,187,002,632	14.8	943,346,713	15.0
1909	58,385	21.7	807,770	12.2	2,288,873,736	11.1	978,229,803	11.5
1914	55,204	20.0	679,123	9.7	2,143,831,582	8.8	886,129,268	9.0
Total:								
1904	216,180	100.0	5,468,383	100.0	14,793,902,563	100.0	6,293,694,753	100.0
1909	268,491	100.0	6,615,046	100.0	20,672,051,870	100.0	8,529,260,992	100.0
1914	275,791	100.0	7,036,337	100.0	24,246,434,724	100.0	9,878,345,893	100.0

No. 139.—MANUFACTURES: Classified According to Size of Establishment, as Measured by the Value of Products, Calendar Years 1904, 1909, and 1914.

[Source: Bureau of the Census, Department of Commerce.]

Value of product, and year.	Establishments.		Wage earners.		Products.		Added by manufacture.	
	Number.	Per cent of total.	Average number.	Per cent of total.	Value.	Per cent of total.	Value.	Per cent of total.
					Dollars.		*Dollars.*	
Less than $5,000:								
1904	71,147	32.9	106,353	1.9	176,128,212	1.2	114,781,124	1.8
1909	93,349	34.8	142,430	2.2	222,463,847	1.1	144,246,008	1.7
1914	97,061	35.2	129,623	1.8	233,381,081	1.0	151,739,764	1.5
$5,000 and less than $20,000:								
1904	72,791	33.7	419,466	7.7	751,047,759	5.1	424,129,643	6.7
1909	86,988	32.4	470,006	7.1	904,645,664	4.4	509,907,934	6.0
1914	87,931	31.9	429,037	6.1	905,693,168	3.7	507,430,875	5.1
$20,000 and less than $100,000:								
1904	48,096	22.2	1,027,047	18.8	2,129,257,883	14.4	1,090,271,887	17.3
1909	57,270	21.3	1,090,449	16.5	2,544,426,711	12.3	1,258,317,991	14.8
1914	56,814	20.6	999,600	14.2	2,550,229,411	10.5	1,238,879,430	12.5
$100,000 and less than $1,000,000:								
1904	22,246	10.3	2,515,064	46.0	6,109,012,538	41.3	2,782,641,883	44.2
1909	27,824	10.4	2,896,532	43.8	7,946,935,255	38.4	3,572,746,038	41.9
1914	30,166	10.9	3,002,071	42.7	8,763,070,135	36.1	3,888,094,982	39.4
$1,000,000 and over:								
1904	1,900	.9	1,400,453	25.6	5,628,456,171	38.0	1,881,870,216	29.9
1909	3,060	1.1	2,015,629	30.5	9,053,580,393	43.8	3,044,043,021	35.7
1914	3,819	1.4	2,476,006	35.2	11,794,060,929	48.6	4,092,200,842	41.4
Total:								
1904	216,180	100.0	5,468,383	100.0	14,793,902,563	100.0	6,293,694,753	100.0
1909	268,491	100.0	6,615,046	100.0	20,672,051,870	100.0	8,529,260,992	100.0
1914	275,791	100.0	7,036,337	100.0	24,246,434,724	100.0	9,878,345,893	100.0
Average per establishment:								
1904	.....	.....	25	.....	68,433	.....	29,113	.....
1909	.....	.....	25	.....	76,993	.....	31,767	.....
1914	.....	.....	26	.....	87,916	.....	35,818	.....

No. 140.—MANUFACTURES: Classified According to Size of Municipalities in Which Located, 1899, 1909, and 1914.

[Source: Bureau of the Census, Department of Commerce.]

Item.	Census year.	Municipalities having a population of 10,000 and over.								Districts outside of municipalities having a population of 10,000 and over.		Aggregate.
		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.		Total.				
		Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	
Number of establishments	1899	15,463	7.5	20,147	9.7	67,308	32.4	102,918	49.6	104,596	50.4	207,514
	1909	18,884	7.0	26,989	10.1	89,797	33.4	135,670	50.5	132,821	49.5	268,491
	1914	21,265	7.7	28,223	10.2	101,849	36.9	151,337	54.9	124,454	45.1	275,791
Average number of wage earners.	1899	524,900	11.1	767,293	16.3	1,752,246	37.2	3,044,439	64.6	1,668,324	35.4	4,712,763
	1909	674,232	10.2	1,118,412	16.9	2,514,730	38.0	4,307,374	65.1	2,307,672	34.9	6,615,046
	1914	766,578	10.9	1,123,875	16.0	2,831,739	40.2	4,722,192	67.1	2,314,145	32.9	7,036,337
Value of products	1899	$1,052,640,000	9.2	$1,843,125,000	16.2	$4,968,799,000	43.6	$7,864,564,000	68.9	$3,542,363,000	31.1	$11,406,927,000
	1909	$1,953,937,000	9.4	$3,593,828,000	17.4	$8,729,782,000	42.2	$14,277,547,000	69.0	$6,394,505,000	31.0	$20,672,052,000
	1914	$2,313,382,000	9.5	$3,977,265,000	16.4	$10,584,798,000	43.7	$16,875,445,000	69.6	$7,370,990,000	30.4	$24,246,435,000
Value added by manufacture.	1899	$458,679,000	9.5	$773,118,000	16.0	$2,145,681,000	44.4	$3,377,478,000	69.9	$1,453,597,000	30.1	$4,831,075,000
	1909	$802,352,000	9.4	$1,423,194,000	16.7	$3,771,974,000	44.2	$5,997,520,000	70.3	$2,531,741,000	29.7	$8,529,261,000
	1914	$964,400,000	9.8	$1,542,425,000	15.6	$4,578,538,000	46.3	$7,085,363,000	71.7	$2,792,983,000	28.3	$9,878,346,000
Population [1]	1900	4,297,118	5.7	5,547,205	7.3	14,208,347	18.7	24,052,670	31.6	51,941,905	68.3	75,994,575
	1910	5,559,962	6.0	8,204,970	8.9	20,302,138	22.1	34,067,070	37.0	57,905,196	63.0	91,972,266
	1914	[2] 6,259,842	6.3	8,714,866	8.8	23,800,970	24.1	[2] 38,775,678	39.3	60,005,646	60.7	98,781,324

[1] The figures for population are for the censuses of 1900 and 1910 and are estimated for 1914.
[2] Does not include population for San Angelo, Tex.

No. 141.—MANUFACTURES: Summary by General Groups, 1899, 1904, 1909, and 1914.

[Source: Bureau of the Census, Department of Commerce.]

Group.	Year.	Establishments.	Wage earners.		Cost of materials—Amount.	Value of products.		Value added by manufacture.		Per cent value added by manufacture to total value of products.	Per cent of increase.[1]			
			Average number.	Per cent of total.		Amount.	Per cent of total.	Amount.	Per cent of total.		Period.	Wage earners (average number).	Value of products.	Value added by manufacture.
					Dollars.	*Dollars.*		*Dollars.*						
Food and kindred products	1899	41,247	301,368	6.4	1,732,863,000	2,199,204,000	19.3	416,341,000	8.6	18.9	1899–1904	17.3	29.4	29.6
	1904	45,857	354,046	6.5	2,306,121,000	2,845,556,000	19.2	539,435,000	8.6	19.0	1904–1909	16.2	38.4	39.0
	1909	55,364	411,575	6.2	3,187,803,000	3,937,618,000	19.0	749,815,000	8.8	19.0	1909–1914	20.6	22.3	31.8
	1914	59,317	496,234	7.1	3,828,512,000	4,816,709,000	19.9	988,197,000	10.0	20.5	1904–1914	40.2	69.3	83.2
Textiles	1899	17,647	1,022,123	21.7	894,846,000	1,628,606,000	14.3	733,760,000	15.2	45.1	1899–1904	13.1	31.9	22.8
	1904	17,042	1,156,305	21.1	1,246,562,000	2,147,441,000	14.5	900,879,000	14.3	42.0	1904–1909	24.4	42.5	45.9
	1909	21,723	1,438,446	21.7	1,745,516,000	3,060,199,000	14.8	1,314,683,000	15.4	43.0	1909–1914	4.2	11.6	8.1
	1914	22,995	1,498,664	21.3	1,993,058,000	3,414,615,000	14.1	1,421,557,000	14.4	41.6	1904–1914	29.6	59.0	57.8
Iron and steel and their products	1899	14,082	745,235	15.8	1,000,949,000	1,819,478,000	15.9	818,529,000	16.9	45.0	1899–1904	16.6	20.9	23.3
	1904	14,431	868,634	15.9	1,190,794,000	2,199,776,000	14.9	1,008,982,000	16.0	45.9	1904–1909	18.2	43.9	35.2
	1909	17,292	1,026,553	15.5	1,799,942,000	3,164,472,000	15.3	1,364,530,000	16.0	43.1	1909–1914	3.4	1.9	7.1
	1914	17,719	1,061,058	15.1	1,762,313,000	3,223,144,000	13.3	1,460,831,000	14.8	45.3	1904–1914	22.2	46.5	44.8
Lumber and its remanufactures	1899	34,954	671,696	14.3	480,930,000	1,007,532,000	8.8	526,602,000	10.9	52.3	1899–1904	9.3	21.1	33.4
	1904	32,501	734,136	13.4	517,501,000	1,219,749,000	8.2	702,248,000	11.2	57.6	1904–1909	24.2	30.2	24.0
	1909	48,539	911,593	13.8	717,833,000	1,588,274,000	7.7	870,441,000	10.2	54.8	1909–1914	−8.6	0.7	−3.8
	1914	42,036	833,529	11.8	762,350,000	1,599,710,000	6.6	837,360,000	8.5	52.3	1904–1914	13.5	31.2	19.2
Leather and its finished products	1899	5,625	248,626	5.3	396,633,000	582,048,000	5.1	185,415,000	3.8	31.9	1899–1904	6.4	24.5	31.7
	1904	5,318	264,459	4.8	480,221,000	724,391,000	4.9	244,170,000	3.9	33.7	1904–1909	17.1	37.0	32.2
	1909	5,728	309,766	4.7	669,874,000	992,713,000	4.8	322,839,000	3.8	32.5	1909–1914	−0.9	11.3	8.9
	1914	6,758	307,060	4.4	753,135,000	1,104,595,000	4.6	351,460,000	3.6	31.8	1904–1914	16.1	52.5	43.9
Paper and printing	1899	26,627	298,744	6.3	214,566,000	607,907,000	5.3	393,341,000	8.2	64.7	1899–1904	17.7	41.4	40.0
	1904	30,803	351,640	6.4	309,012,000	859,814,000	5.8	550,802,000	8.8	64.1	1904–1909	18.3	37.2	32.2
	1909	34,828	415,990	6.3	451,239,000	1,179,285,000	5.7	728,046,000	8.5	61.7	1909–1914	8.9	23.5	20.2
	1914	37,196	452,900	6.4	580,715,000	1,456,046,000	6.0	875,331,000	8.9	60.1	1904–1914	28.8	69.3	58.9

Liquors and beverages	1899	5,740	55,120	1.2	93,815,000	382,898,000	3.4	289,083,000	6.0	75.5	1899–1904	24.0	30.9	25.1
	1904	6,379	68,338	1.3	139,849,000	501,254,000	3.4	361,405,000	5.7	72.1	1904–1909	13.9	34.5	35.0
	1909	7,347	77,827	1.2	186,128,000	674,311,000	3.3	488,183,000	5.7	72.4	1909–1914	13.3	14.5	7.7
	1914	7,562	88,152	1.3	246,188,000	772,080,000	3.2	525,892,000	5.3	68.1	1904–1914	29.0	54.0	45.5
Chemicals and allied products	1899	8,928	196,538	4.2	451,457,000	761,691,000	6.7	310,234,000	6.4	40.7	1899–1904	15.7	41.2	42.3
	1904	9,826	227,326	4.2	633,919,000	1,075,519,000	7.3	441,600,000	7.0	41.1	1904–1909	17.6	41.9	34.9
	1909	12,060	267,261	4.0	931,045,000	1,526,599,000	7.4	595,554,000	7.0	39.0	1909–1914	12.1	31.1	19.6
	1914	12,374	299,569	4.3	1,289,348,000	2,001,634,000	8.3	712,286,000	7.2	35.6	1904–1914	31.8	86.1	61.3
Stone, clay, and glass products	1899	11,524	231,716	4.9	85,137,000	270,650,000	2.4	185,513,000	3.8	68.5	1899–1904	23.1	44.5	44.5
	1904	10,773	285,346	5.2	123,067,000	391,148,000	2.6	268,081,000	4.3	68.5	1904–1909	20.1	35.9	29.8
	1909	16,168	342,827	5.2	183,792,000	531,737,000	2.6	347,945,000	4.1	65.4	1909–1914	−2.4	15.5	7.9
	1914	14,747	334,702	4.8	238,734,000	614,162,000	2.5	375,428,000	3.8	61.1	1904–1914	17.3	57.0	40.0
Metals and metal products, other than iron and steel.	1899	5,041	161,463	3.4	472,515,000	690,974,000	6.1	218,459,000	4.5	31.6	1899–1904	23.0	29.7	20.3
	1904	5,880	198,531	3.6	633,132,000	895,975,000	6.1	262,843,000	4.2	29.3	1904–1909	25.7	38.4	32.5
	1909	8,783	249,607	3.8	892,065,000	1,240,410,000	6.0	348,345,000	4.1	28.1	1909–1914	5.0	14.2	13.0
	1914	10,023	262,154	3.7	1,023,354,000	1,417,042,000	5.8	393,688,000	4.0	27.8	1904–1914	32.0	58.2	49.8
Tobacco manufactures	1899	14,959	132,526	2.8	92,867,000	263,713,000	2.3	170,846,000	3.5	64.8	1899–1904	20.3	25.6	20.0
	1904	16,827	159,406	2.9	126,086,000	331,111,000	2.2	205,025,000	3.3	61.9	1904–1909	4.6	25.8	16.8
	1909	15,822	166,810	2.5	177,186,000	416,695,000	2.0	239,509,000	2.8	57.5	1909–1914	7.2	17.6	18.2
	1914	13,951	178,872	2.5	207,134,000	490,165,000	2.0	283,031,000	2.9	57.7	1904–1914	12.2	48.0	38.0
Vehicles for land transportation	1899	7,338	133,663	2.8	153,254,000	277,485,000	2.4	124,231,000	2.6	44.8	1899–1904	2.2	15.5	15.1
	1904	6,058	136,625	2.5	177,641,000	320,624,000	2.2	142,983,000	2.3	44.6	1904–1909	48.4	75.2	78.5
	1909	6,562	202,719	3.1	306,537,000	561,763,000	2.7	255,226,000	3.0	45.4	1909–1914	29.8	84.2	75.5
	1914	9,909	263,076	3.7	586,670,000	1,034,497,000	4.3	447,827,000	4.5	43.3	1904–1914	92.6	222.7	213.2
Railroad repair shops	1899	1,400	180,620	3.8	113,809,000	227,485,000	2.0	113,676,000	2.4	50.0	1899–1904	37.3	42.1	46.6
	1904	1,226	247,922	4.5	156,568,000	323,212,000	2.2	166,644,000	2.6	51.6	1904–1909	22.9	35.4	33.8
	1909	1,686	304,592	4.6	214,581,000	437,563,000	2.1	222,982,000	2.6	51.0	1909–1914	20.1	26.3	30.6
	1914	2,011	365,902	5.2	261,439,000	552,618,000	2.3	291,179,000	2.9	52.7	1904–1914	47.6	71.0	74.7
Miscellaneous industries	1899	12,402	332,825	7.1	342,210,000	687,256,000	6.0	345,046,000	7.1	50.2	1899–1904	24.9	39.4	44.5
	1904	13,259	415,669	7.6	459,735,000	958,333,000	6.5	498,598,000	7.9	52.0	1904–1909	17.8	42.0	36.6
	1909	16,589	489,480	7.4	679,250,000	1,360,413,000	6.6	681,163,000	8.0	50.1	1909–1914	21.4	28.6	34.2
	1914	19,193	594,465	8.4	835,139,000	1,749,418,000	7.2	914,279,000	9.3	52.3	1904–1914	43.0	82.5	83.4
All industries	1899	207,514	4,712,763	100.0	6,575,851,000	11,406,927,000	100.0	4,831,076,000	100.0	42.4	1899–1904	16.0	29.7	30.3
	1904	216,180	5,468,333	100.0	8,500,208,000	14,793,903,000	100.0	6,293,695,000	100.0	42.5	1904–1909	21.0	39.7	35.5
	1909	268,491	6,615,046	100.0	12,142,791,000	20,672,052,000	100.0	8,529,261,000	100.0	41.3	1909–1914	6.4	17.3	15.8
	1914	275,791	7,036,337	100.0	14,368,089,000	24,246,435,000	100.0	9,878,346,000	100.0	40.7	1904–1914	28.7	63.9	57.0

[1] A minus sign (—) denotes decrease.

No. 142.—SUMMARY OF MANUFACTURES: By Specified Industries, Calendar Years 1909 and 1914.

[Source: Reports of the Bureau of the Census, Department of Commerce. The figures for some industries do not represent the total production, because certain important establishments which incidentally manufacture the same class of products are engaged primarily in other lines of manufacture and the statistics for them are accordingly included with those of other industries. Primary horsepower includes power generated in manufacturing establishments plus electric and other power rented from outside sources; it does not include the power of electric motors run by current generated in the same establishment.]

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Aeroplanes and parts [1]	1914	16	9	45	168	222	195	401	61	135	134	790	656
Agricultural implements	1909	640	465	9,213	50,551	60,229	100,601	256,281	10,140	28,609	60,307	146,329	86,022
	1914	601	431	9,228	48,459	58,118	121,428	338,532	13,010	34,593	73,509	164,087	90,578
Aluminum ware [1]	1914	37	20	408	4,614	5,042	12,338	11,088	481	2,611	14,421	19,597	5,176
Artificial flowers and feathers and plumes	1909	412	520	1,047	10,016	11,583	334	9,693	1,160	3,974	13,627	23,981	10,354
	1914	456	409	1,067	9,291	10,767	606	8,744	1,295	3,979	9,309	19,065	9,756
Artificial stone	1909	3,439	4,208	1,037	9,957	15,202	12,185	16,010	785	5,342	7,043	18,596	11,553
	1914	3,548	4,089	1,309	10,255	15,653	20,326	19,414	1,266	6,308	8,904	21,934	13,030
Artists' materials	1909	46	25	182	658	865	1,628	1,730	202	307	1,360	2,340	980
	1914	44	34	332	604	970	1,977	2,947	432	315	2,065	3,238	1,173
Asbestos [1]	1914	32	10	159	962	1,131	2,877	3,520	220	484	1,360	2,814	1,454
Automobiles, including bodies and parts	1909	743	405	9,233	75,721	85,359	75,550	173,837	9,479	48,694	131,646	249,202	117,556
	1914	1,271	760	18,099	127,092	145,951	173,684	407,730	37,526	101,927	356,208	632,831	276,623
Awnings, tents, and sails	1909	621	648	857	4,242	5,747	2,022	7,865	809	2,188	8,377	14,499	6,122
	1914	888	894	1,184	5,073	7,151	2,610	9,958	1,256	2,954	10,155	18,138	7,983
Babbitt metal and solder	1909	109	66	528	897	1,491	2,293	7,418	739	561	16,270	19,768	3,498
	1914	109	69	582	1,035	1,686	2,881	8,919	913	701	15,652	19,180	3,528

Bags, other than paper	1909	109	72	798	7,968	8,838	6,855	24,625	1,068	2,942	46,364	54,882	8,518
	1914	138	100	956	9,358	10,414	10,392	30,878	1,518	3,789	67,021	79,049	12,028
Bags, paper	1909	74	42	429	3,212	3,683	3,885	10,780	714	1,306	10,355	15,698	5,343
	1914	59	28	625	3,505	4,158	3,682	11,078	913	1,659	12,201	17,603	5,402
Baking powders and yeast	1909	144	110	1,266	2,155	3,531	3,335	33,647	1,710	1,046	9,338	20,775	11,437
	1914	124	79	1,252	2,270	3,601	7,862	35,272	1,906	1,241	10,895	22,339	11,444
Baskets, and rattan and willow ware	1909	456	476	279	4,664	5,419	7,196	4,199	244	1,747	2,335	5,695	3,360
	1914	419	415	313	4,574	5,302	7,293	4,591	351	1,923	2,999	6,578	3,579
Belting leather	1909	139	100	1,264	3,006	4,370	5,638	17,457	1,502	1,861	15,623	23,692	8,069
	1914	151	86	1,226	2,951	4,263	7,411	20,139	1,760	2,070	15,480	23,036	7,556
Belting and hose, woven and rubber	1909	46	11	974	6,319	7,304	20,547	24,260	1,384	2,956	14,505	24,729	10,224
	1914	49	17	1,310	6,067	7,394	25,751	27,285	2,032	3,362	15,836	28,002	12,166
Billiard tables and materials	1909	54	48	233	1,495	1,776	2,642	4,705	352	1,011	3,369	5,878	2,509
	1914	54	50	303	1,453	1,806	3,213	5,438	366	985	2,488	4,894	2,406
Blacking and cleansing and polishing preparations.	1909	501	434	1,556	2,417	4,407	3,977	7,557	1,780	1,146	6,962	14,679	7,717
	1914	595	506	1,959	3,005	5,470	5,192	10,883	2,656	1,496	9,024	19,033	10,009
Bluing	1909	82	94	138	313	545	242	556	112	114	494	1,074	580
	1914	66	58	86	254	398	220	712	111	105	489	1,184	695
Bone, carbon, and lampblack	1909	27	7	67	228	302	1,023	1,842	78	149	445	1,093	648
	1914	27	17	81	339	437	1,816	4,995	105	231	686	1,464	778
Boots and shoes, including cut stock and findings	1909	1,918	1,838	15,788	198,297	215,923	96,302	222,324	18,629	98,463	332,738	512,798	180,060
	1914	1,960	1,702	19,815	206,088	227,605	112,929	297,609	25,473	112,973	382,111	590,028	207,917
Boots and shoes, rubber	1909	22	.....	1,287	17,612	18,899	25,903	43,905	1,415	8,544	29,577	49,721	20,144
	1914	23	2	1,670	18,687	20,359	24,621	46,051	1,958	9,986	23,956	53,822	29,866
Boxes, cigar	1909	274	301	436	6,115	6,852	6,049	5,403	471	2,234	4,313	8,491	4,178
	1914	238	245	401	5,835	6,481	5,350	5,270	478	2,299	4,269	8,337	4,068
Boxes, fancy and paper	1909	949	815	3,239	39,514	43,568	23,323	35,475	3,709	14,015	25,716	54,450	28,734
	1914	1,043	734	4,547	45,311	50,592	38,179	60,027	5,887	18,705	36,268	74,711	38,443
Brass and bronze products	1909	1,021	828	3,995	40,618	45,441	106,120	109,319	5,540	23,677	99,228	149,989	50,761
	1914	992	791	4,560	40,306	45,657	122,700	116,093	7,074	25,084	115,487	162,199	46,712
Bread and other bakery products	1909	23,926	26,982	17,124	100,216	144,322	65,298	212,910	13,764	59,351	238,034	396,865	158,831
	1914	25,963	28,624	20,006	124,052	172,682	107,771	271,262	19,767	76,867	274,257	491,893	217,636
Brick, tile, pottery, and other clay products	1909	5,037	4,737	9,353	132,696	146,786	451,186	316,023	11,252	66,892	45,647	168,895	123,248
	1914	3,634	2,939	9,805	127,444	140,188	470,758	326,749	13,351	71,896	55,105	173,858	118,753

[1] Included in other classifications in 1909.

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.							
								Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Brooms and brushes	1909	1,282	1,451	1,539	12,153	15,143	8,800	18,982	1,661	5,404	15,578	29,126	13,548
	1914	1,227	1,335	1,925	12,855	16,115	10,892	23,039	2,300	6,085	17,210	31,979	14,769
Butter, cheese, and condensed milk	1909	8,479	8,019	5,056	18,431	31,506	101,349	71,284	3,591	11,081	235,546	274,558	39,012
	1914	7,628	7,282	6,727	23,059	37,068	130,862	105,812	6,131	15,847	315,026	364,285	49,259
Butter, reworking	1909	24	10	113	295	418	1,471	3,543	128	186	7,424	8,200	776
	1914	17	9	76	304	389	1,349	1,397	98	200	5,059	5,869	810
Buttons	1909	444	519	1,058	16,427	18,004	12,831	15,640	1,299	6,789	9,541	22,708	13,167
	1014	517	536	1,249	14,511	16,296	14,398	19,075	1,651	6,424	8,702	20,712	12,010
Candles	1909	16	7	103	539	649	799	2,959	161	246	2,176	3,130	954
	1914	15	11	91	387	489	439	2,286	173	183	1,119	1,731	612
Canning and preserving	1909	3,767	4,244	7,760	59,968	71,972	81,179	119,207	7,864	19,082	101,823	157,101	55,278
	1914	4,220	4,409	9,589	74,071	88,069	120,004	172,475	11,471	27,197	159,658	243,440	83,782
Card cutting and designing	1909	68	79	98	525	702	269	684	93	238	374	1,031	657
	1914	58	62	63	517	642	449	706	73	265	421	1,055	634
Carpets and rugs, other than rag	1909	139	134	1,265	33,307	34,706	38,553	75,627	2,209	15,536	39,563	71,188	31,625
	1914	97	72	1,720	31,309	33,101	43,963	85,154	2,874	14,716	42,280	69,128	26,848
Carpets, rag	1909	428	489	217	1,982	2,688	2,651	1,546	182	860	689	2,568	1,879
	1914	463	512	258	2,130	2,900	2,722	1,654	244	995	722	2,786	2,065
Carriages and sleds, children's	1909	84	50	419	5,300	5,769	5,281	6,883	490	2,217	4,129	8,805	4,676
	1914	92	53	534	5,900	6,487	5,652	9,380	746	3,181	5,682	11,752	6,069
Carriages and wagons, and materials	1909	5,492	6,213	6,803	69,928	82,944	126,032	175,474	7,960	37,595	81,951	159,893	77,942
	1914	5,057	5,629	6,426	52,391	64,446	112,549	177,643	7,774	32,557	65,719	131,547	65,828

Cars and general shop construction and repairs by steam-railroad companies.	1909	1,145	2	19,097	282,174	301,273	293,361	238,317	17,339	181,344	199,413	405,601	206,188
	1914	1,362	1	22,406	339,518	361,925	433,994	354,092	24,044	234,505	243,829	514,041	270,212
Cars and general shop construction and repairs by electric-railroad companies.	1909	541	.....	1,231	22,418	23,699	35,794	38,899	1,204	14,486	15,168	31,963	16,795
	1914	649	4	1,827	26,384	28,215	44,989	63,614	1,915	18,645	17,610	38,577	20,967
Cars, steam-railroad, not including operations of railroad companies.	1909	110	7	4,001	43,086	47,094	97,797	139,805	5,138	27,135	78,753	123,730	44,977
	1914	103	11	4,689	54,288	58,988	126,687	157,811	6,955	41,394	132,200	194,776	62,576
Cars, electric-railroad, not including operations of railroad companies.	1909	14	1	421	3,583	4,005	15,161	14,168	594	2,177	4,260	7,810	3,550
	1914	14	.....	446	3,840	4,286	10,014	14,752	733	2,467	6,350	10,495	4,145
Cash registers and calculating machines	1909	50	7	1,777	7,465	9,249	6,944	27,224	2,736	5,312	3,552	23,708	20,156
	1914	52	9	3,800	8,956	12,765	20,319	41,075	5,482	6,110	3,992	30,520	26,528
Cement	1909	135	17	2,719	26,775	29,511	371,799	187,398	3,653	15,320	29,344	63,205	33,861
	1914	133	10	4,032	27,916	31,958	490,402	243,485	6,065	18,192	51,987	101,756	49,769
Charcoal	1909	76	75	25	631	731	165	641	23	253	448	872	424
	1914	47	55	18	228	301	134	494	12	81	233	402	169
Chemicals	1909	359	161	3,927	23,729	27,818	208,657	155,199	6,141	14,096	64,146	117,741	53,595
	1914	395	99	5,471	32,311	37,881	282,385	224,346	9,021	22,066	89,451	158,054	68,603
China decorating	1909	40	45	63	328	436	18	559	80	191	311	786	475
	1914	51	68	45	295	408	23	463	56	159	330	727	397
Chocolate and cocoa products	1909	27	10	568	2,826	3,404	10,593	13,685	970	1,269	15,523	22,390	6,867
	1914	36	20	879	4,160	5,059	19,736	23,685	1,453	2,036	24,483	35,713	11,230
Clocks and watches, including cases and materials	1909	120	53	1,529	23,857	25,439	14,957	57,500	2,181	12,944	11,131	35,197	24,066
	1914	119	53	1,690	23,328	25,071	15,647	62,469	2,303	13,495	11,021	34,153	23,132
Cloth, sponging and refinishing	1909	57	67	125	975	1,167	704	629	127	651	85	1,544	1,459
	1914	51	62	113	901	1,076	764	625	180	658	133	1,531	1,398
Clothing, horse	1909	33	40	142	1,648	1,830	1,454	3,279	171	492	2,773	4,135	1,362
	1914	37	40	227	1,669	1,936	1,903	4,482	249	668	3,569	5,150	1,581
Clothing, men's, buttonholes	1909	146	181	20	830	1,031	176	225	12	389	105	781	676
	1914	139	169	15	672	856	205	224	14	326	90	638	548
Clothing, men's, including shirts	1909	6,354	8,502	23,239	239,696	271,437	42,725	275,320	26,723	106,277	297,515	568,077	270,562
	1914	5,622	7,078	24,992	225,719	257,789	53,281	274,994	31,514	105,998	280,697	554,026	273,329
Clothing, women's	1909	4,558	6,482	18,796	153,743	179,021	22,294	129,301	20,418	78,568	208,788	384,752	175,964
	1914	5,564	7,516	22,262	168,907	198,685	28,396	153,549	26,123	92,574	252,345	473,888	221,543
Coffee and spice, roasting and grinding	1909	607	497	5,529	7,490	13,516	22,334	46,042	6,596	3,676	83,205	110,533	27,328
	1914	696	474	6,089	8,549	15,112	26,634	56,596	8,916	4,508	116,520	150,749	34,229

[1] Includes 868 establishments in 1914 and 898 in 1909, reported as "Brooms;" and 359 in 1914 and 384 in 1909, reported as "Brushes."

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Coffins, burial cases, and undertakers' goods	1909	284	161	1,948	9,339	11,448	16,490	25,843	2,411	4,633	11,964	24,526	12,562
	1914	287	166	1,864	9,468	11,498	19,006	29,731	2,512	5,382	13,257	26,325	13,068
Coke	1909	315	101	1,852	29,273	31,226	62,602	152,321	2,072	15,454	64,025	95,697	31,672
	1914	231	36	2,320	21,107	23,463	120,327	161,561	2,657	14,289	69,138	99,275	30,137
Confectionery	1909	1,944	1,832	8,384	44,638	54,854	35,870	68,326	9,137	15,615	81,151	134,796	53,645
	1914	2,391	2,242	9,891	53,658	65,791	55,823	97,467	12,341	21,472	101,015	170,845	69,830
Confectionery (ice cream)	1914	2,437	2,712	2,486	10,376	15,574	45,600	33,703	2,591	6,845	32,772	55,983	23,211
Cooperage and wooden goods, not elsewhere specified	1909	1,693	1,760	1,688	26,269	29,717	65,108	50,342	2,047	11,715	36,928	60,248	23,320
	1914	1,533	1,609	1,613	23,546	26,768	59,001	47,130	2,153	11,928	37,896	60,180	22,284
Copper, tin, and sheet-iron products	1909	4,228	4,423	8,896	73,615	86,934	62,366	217,532	10,288	39,501	112,582	199,824	87,242
	1914	5,091	5,197	10,912	80,029	96,138	75,263	244,593	14,360	47,978	136,487	241,943	105,456
Cordage and twine, and jute and linen goods	1909	164	80	1,314	25,820	27,214	78,549	76,020	1,863	9,133	40,915	61,020	20,105
	1914	175	65	1,589	28,381	30,035	95,877	101,239	2,530	11,820	62,732	86,323	23,591
Cordials and flavoring sirups	1909	117	94	449	1,095	1,638	1,154	4,804	627	503	5,341	9,662	4,321
	1914	142	86	581	929	1,596	2,070	5,585	876	461	7,596	15,316	7,720
Cork, cutting	1909	62	49	185	3,142	3,376	3,746	5,327	267	1,098	3,435	5,940	2,505
	1914	52	27	251	3,454	3,732	5,814	7,602	398	1,582	4,751	7,875	3,124
Corsets	1909	138	91	1,956	17,564	19,611	4,581	18,033	2,871	6,464	15,640	33,257	17,617
	1914	167	101	2,549	20,496	23,146	7,057	23,893	4,268	7,977	19,587	40,551	20,964
Cotton goods, including cotton small wares	1909	1,324	377	8,514	378,880	387,771	1,296,517	822,238	14,412	132,859	371,009	628,392	257,383
	1914	1,328	489	10,018	393,404	403,911	1,585,953	899,765	17,400	152,423	443,523	701,301	257,778

Crucibles	1909	12	4	59	335	398	816	2,051	130	180	1,089	1,849	760
	1914	10	.....	54	302	356	875	1,871	144	171	1,270	1,886	616
Cutlery and tools, not elsewhere specified	1909	959	814	3,351	32,996	37,161	68,294	67,380	4,182	17,581	18,279	53,266	34,987
	1914	913	722	3,975	33,427	38,124	73,255	83,285	5,571	19,293	20,421	59,433	39,012
Dairymen's, poultrymen's, and apiarists' supplies	1909	233	206	1,354	4,871	6,431	6,898	15,188	1,416	2,671	6,089	15,463	9,374
	1914	236	182	1,464	5,551	7,197	11,639	21,281	1,686	3,363	9,248	18,950	9,702
Dental goods	1909	87	69	340	1,573	1,982	865	6,258	545	744	8,101	10,836	2,735
	1914	172	146	591	3,080	3,817	1,874	10,949	810	1,616	10,715	16,160	5,445
Drug grinding	1909	25	16	214	922	1,152	3,322	5,187	268	464	3,454	6,007	2,553
	1914	29	22	199	1,059	1,280	4,972	8,434	352	583	5,215	8,080	2,865
Dyeing and finishing textiles	1909	426	318	2,939	44,046	47,303	107,746	114,093	5,035	21,227	35,261	83,556	48,295
	1914	507	353	4,453	48,467	53,273	130,172	139,194	6,471	24,872	56,705	109,292	52,587
Dyestuffs and extracts	1909	107	65	553	2,397	3,015	22,213	17,935	942	1,291	9,684	15,955	6,271
	1914	112	56	656	2,839	3,551	23,290	21,284	1,389	1,613	13,238	20,620	7,382
Electrical machinery, apparatus, and supplies	1909	1,009	439	17,905	87,256	105,600	158,768	267,844	20,193	49,381	108,566	221,309	112,743
	1914	1,030	368	26,266	118,078	144,712	227,731	355,725	35,291	73,806	154,728	335,170	180,442
Electroplating	1909	461	554	287	2,717	3,558	4,461	2,324	243	1,652	1,205	4,510	3,305
	1914	479	579	334	2,584	3,497	5,845	2,842	381	1,713	1,336	4,773	3,437
Emery and other abrasive wheels	1909	51	20	483	1,943	2,446	4,005	6,231	657	1,156	2,651	6,711	4,060
	1914	49	23	607	2,387	3,017	4,100	8,224	898	1,491	3,006	7,130	4,123
Enameling and japanning [1]	1909	108	105	188	2,125	2,418	1,695	2,880	204	922	1,496	3,316	1,820
	1914	112	110	131	1,542	1,783	1,745	2,389	174	799	1,064	2,547	1,483
Engravers' materials	1909	18	13	47	129	189	549	393	68	96	609	921	312
	1914	13	5	47	106	158	547	352	73	73	551	768	217
Engraving and diesinking	1909	253	300	174	1,308	1,782	768	1,449	168	821	351	2,250	1,899
	1914	486	548	216	1,536	2,300	1,092	1,865	226	1,076	596	3,134	2,538
Engraving, wood	1909	82	89	73	318	480	39	193	82	259	126	711	585
	1914	72	78	72	302	452	68	246	110	310	96	719	623
Explosives	1909	86	21	763	6,274	7,058	28,601	50,168	1,134	4,304	22,812	40,140	17,328
	1914	111	20	2,099	6,306	8,425	45,778	71,351	3,307	4,488	25,627	41,433	15,806
Fancy articles, not elsewhere specified	1909	494	477	1,526	12,191	14,194	8,310	15,768	1,728	5,096	10,361	22,632	12,271
	1914	613	556	1,804	10,967	13,327	8,005	15,999	2,293	5,352	12,240	25,033	12,793
Fertilizers	1909	550	323	3,317	18,310	21,950	64,711	121,537	4,406	7,477	69,522	103,960	34,438
	1914	784	373	5,113	22,815	28,301	114,281	217,065	7,242	10,532	107,955	153,196	45,242

[1] Totals include some establishments classed under "Copper, tin, and sheet-iron products" in 1909.

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Files	1909	57	47	316	4,158	4,521	7,383	10,413	338	1,978	1,596	5,691	4,095
	1914	48	24	367	4,349	4,740	8,821	11,327	465	2,135	1,595	5,608	4,013
Firearms and ammunition	1909	66	30	1,297	14,715	16,042	17,840	39,377	1,920	8,427	17,021	34,112	17,091
	1914	61	32	1,644	18,557	20,233	18,828	53,065	2,292	11,818	18,946	41,384	22,438
Fire extinguishers, chemical	1909	31	10	95	195	300	215	527	134	127	305	754	449
	1914	27	11	120	256	387	391	675	220	200	574	1,298	724
Fireworks	1909	42	22	142	1,403	1,567	517	2,209	217	579	896	2,269	1,373
	1914	41	16	127	1,324	1,467	707	2,162	170	616	1,206	2,296	1,090
Flags, banners, regalia, society badges, and emblems	1909	211	207	743	3,572	4,522	1,173	5,781	710	1,489	3,810	8,114	4,304
	1914	225	193	846	3,505	4,544	1,302	5,965	881	1,670	3,955	8,627	4,672
Flavoring extracts	1909	420	377	1,028	1,229	2,634	1,060	5,341	1,082	558	4,458	8,828	4,370
	1914	424	332	1,335	1,461	3,128	1,470	6,617	1,540	689	6,308	11,380	5,072
Flax and hemp, dressed	1909	16	22	30	164	216	1,147	785	29	64	336	467	131
	1914	16	19	23	116	158	832	235	15	45	185	283	98
Flour-mill and gristmill products	1909	11,691	14,570	12,031	39,453	66,054	853,584	349,152	12,517	21,464	767,576	883,584	116,008
	1914	10,788	12,669	13,248	39,718	65,635	822,384	380,257	16,370	24,593	752,270	877,680	125,410
Food preparations	1909	1,213	1,131	4,866	14,968	20,965	55,166	64,685	5,865	7,043	83,942	125,331	41,389
	1914	1,559	1,453	7,606	20,306	29,365	80,022	91,039	9,416	10,866	153,751	219,333	65,582
Foundry and machine-shop products	1909	13,253	9,851	74,623	531,011	615,485	869,305	1,514,332	93,795	321,521	540,011	1,228,475	688,464
	1914	17,027	13,123	92,527	564,610	670,260	1,129,768	1,846,349	129,007	376,676	592,989	1,373,309	780,320
Foundry supplies	1909	49	27	219	464	710	4,995	2,688	255	276	1,272	2,298	1,026
	1914	57	28	257	555	840	4,694	2,814	346	301	997	2,013	1,016

Fuel, manufactured	1909	11	2	22	88	112	1,290	432	22	50	155	311	156
	1914	14	4	29	141	174	3,444	1,771	31	112	609	863	254
Fur goods	1909	1,241	1,717	2,508	11,927	16,152	2,120	29,249	2,553	7,788	31,777	55,938	24,161
	1914	1,322	1,721	2,534	9,030	13,285	3,233	29,677	2,783	6,335	23,847	43,633	19,785
Furnishing goods, men's	1909	900	1,022	4,431	38,482	43,935	12,116	49,009	5,210	15,093	49,125	87,710	38,585
	1914	802	782	4,951	42,205	47,938	17,300	59,257	6,300	17,186	53,350	95,417	42,067
Furniture and refrigerators	1909	3,155	2,657	13,031	128,452	144,140	221,451	227,134	15,561	65,618	108,775	239,886	131,111
	1914	3,326	2,507	16,103	133,498	152,108	251,997	282,396	21,717	75,388	128,830	280,758	151,928
Furs, dressed	1909	93	115	116	1,241	1,472	2,103	1,672	135	806	811	2,391	1,580
	1914	96	107	139	1,525	1,771	2,275	2,490	272	923	906	2,875	1,969
Galvanizing	1909	46	26	216	1,447	1,689	1,367	4,197	257	787	5,719	7,338	1,619
	1914	48	24	283	1,580	1,887	2,385	4,416	371	922	6,293	8,480	2,187
Gas and electric fixtures and lamp appliances	1909	619	431	3,614	18,861	22,906	15,862	36,835	4,340	10,393	20,467	45,057	24,590
	1914	611	407	3,342	18,047	21,796	18,668	43,300	4,694	10,677	22,102	45,378	23,276
Gas, illuminating and heating	1909	1,295	277	13,515	37,215	51,007	128,350	915,537	12,385	20,931	52,428	166,814	114,386
	1914	1,284	78	20,123	43,792	63,993	245,715	1,252,422	17,529	26,802	76,779	220,238	143,459
Glass	1909	363	87	3,575	68,911	72,573	123,132	129,288	4,994	39,300	32,119	92,095	59,976
	1914	348	93	4,209	74,502	78,804	163,139	153,926	6,549	48,656	46,017	123,085	77,069
Glass, cutting, staining, and ornamenting	1909	583	617	1,111	9,362	11,090	4,897	10,296	1,295	5,249	6,246	16,101	9,855
	1914	635	582	1,179	8,067	9,828	5,539	11,310	1,313	4,670	7,143	16,446	9,303
Gloves and mittens, leather	1909	377	458	1,138	11,354	12,950	2,889	16,909	1,256	4,764	13,208	23,631	10,423
	1914	352	417	1,260	10,668	12,345	3,357	17,080	1,400	4,558	12,171	21,614	9,443
Glucose and starch	1909	118	86	968	4,773	5,827	28,257	38,866	1,413	2,666	36,899	48,799	11,900
	1914	89	70	1,378	4,509	5,957	41,639	43,642	1,940	3,550	40,208	52,615	12,408
Glue, not elsewhere specified	1909	65	45	530	3,265	3,840	15,596	14,289	747	1,571	7,525	13,718	6,193
	1914	57	32	582	3,129	3,743	13,304	17,162	772	1,854	9,368	13,733	4,365
Gold and silver, leaf and foil	1909	88	108	62	1,383	1,553	259	1,184	78	637	1,518	2,630	1,112
	1914	79	87	91	1,135	1,313	360	1,174	126	498	1,452	2,432	980
Gold and silver, reducing and refining, not from the ore.	1909	62	61	173	456	690	1,735	3,894	249	346	21,984	23,612	1,628
	1914	78	72	214	456	742	2,235	4,407	316	391	25,709	28,588	2,878
Graphite, ground and refined	1909	9	4	96	162	262	1,472	1,786	115	89	405	1,140	735
	1914	11	5	161	250	416	2,602	3,059	242	181	723	1,724	1,001
Grease and tallow not elsewhere specified	1909	353	364	783	4,357	5,504	14,613	16,676	991	2,629	15,543	23,419	7,876
	1914	369	359	784	5,106	6,249	17,947	18,928	1,029	3,512	17,061	24,901	7,840

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Grindstones	1909	14	6	85	1,394	1,485	5,700	4,939	159	638	468	1,688	1,220
	1914	14	5	44	686	735	2,160	1,979	62	323	116	684	568
Haircloth	1909	14	11	72	538	621	995	2,281	72	252	1,614	2,230	616
	1914	19	22	57	595	674	1,723	2,945	99	290	1,654	2,395	741
Hair work	1909	250	298	551	3,534	4,383	218	4,716	434	1,610	6,081	11,216	5,135
	1914	205	224	236	1,193	1,653	68	2,543	262	581	1,529	3,335	1,806
Hammocks	1909	15	14	39	272	325	157	344	34	95	311	578	267
	1914	14	14	46	285	345	321	608	50	119	361	671	310
Hand stamps and stencils and brands	1909	361	375	513	1,651	2,539	903	2,439	433	952	1,127	3,673	2,546
	1914	384	377	571	1,767	2,715	1,384	3,135	586	1,149	1,426	4,485	3,059
Hat and cap materials	1909	74	63	188	2,367	2,618	2,922	6,183	231	947	5,380	8,236	2,856
	1914	98	101	196	1,775	2,072	2,954	6,417	263	804	5,052	6,929	1,877
Hats and caps, other than felt, straw, and wool	1909	494	688	720	6,201	7,609	990	5,275	783	3,421	6,690	13,689	6,999
	1914	580	797	823	7,322	8,942	1,339	6,847	924	4,508	9,268	18,593	9,325
Hats, fur felt	1909	273	264	1,763	25,064	27,091	19,245	35,734	2,097	14,223	22,109	47,865	25,756
	1914	224	163	1,451	21,318	22,932	20,851	39,401	1,929	12,071	16,947	37,350	20,403
Hats, straw	1909	98	91	799	8,814	9,704	3,482	11,538	1,427	4,471	11,468	21,424	9,956
	1914	149	137	999	9,483	10,619	5,248	12,589	1,767	5,253	14,086	25,444	11,358
Hones and whetstones	1909	18	13	8	152	173	677	382	6	72	110	268	158
	1914	16	7	31	170	208	864	499	32	64	87	260	173
Horseshoes, not made in steel works or rolling mills	1909	19	7	60	293	360	1,045	1,396	99	166	356	1,015	659
	1914	22	6	125	588	719	1,984	2,437	209	362	690	1,786	1,096

Hosiery and knit goods	1909	1,374	1,134	5,721	129,275	136,130	103,709	163,641	7,691	44,740	110,241	200,143	89,902
	1914	1,622	1,298	7,855	150,520	159,673	125,842	215,826	11,281	59,758	146,687	258,913	112,226
House-furnishing goods, not elsewhere specified	1909	260	236	773	4,907	5,916	9,328	12,784	1,007	2,035	12,371	18,509	6,138
	1914	370	334	1,223	6,935	8,492	11,731	19,014	1,741	3,307	17,391	26,453	9,062
Ice, manufactured	1909	2,004	1,066	3,927	16,114	21,107	317,789	118,641	3,868	9,779	11,317	42,953	31,636
	1914	2,543	1,355	5,420	23,011	29,786	461,988	174,309	5,706	14,841	17,755	60,386	42,631
Ink, printing	1909	71	38	695	1,121	1,854	5,857	7,144	1,092	773	4,175	8,865	4,690
	1914	70	40	862	1,391	2,293	7,821	11,943	1,856	1,064	6,806	13,830	7,024
Ink, writing	1909	47	37	282	505	824	169	2,114	376	203	1,078	2,505	1,427
	1914	54	38	339	512	889	612	2,464	533	263	1,236	2,784	1,548
Instruments, professional and scientific	1909	263	222	1,136	4,817	6,175	4,856	11,724	1,233	2,925	2,918	10,504	7,586
	1914	307	249	1,664	7,107	9,020	6,799	16,742	1,950	4,652	5,582	17,495	11,913
Iron and steel, blast furnaces	1909	208	48	4,584	38,429	43,061	1,173,422	487,581	6,525	24,607	320,638	391,429	70,791
	1914	160	15	3,823	29,356	33,194	1,222,273	462,282	6,115	22,781	264,580	317,654	53,074
Iron and steel, steelworks and rolling mills	1909	446	47	20,639	240,076	260,762	2,100,978	1,004,735	26,191	163,201	657,501	985,723	328,222
	1914	427	52	25,394	248,716	274,162	2,706,553	1,258,371	37,516	188,142	590,826	918,665	327,839
Iron and steel, bolts, nuts, washers, and rivets	1909	108	38	1,012	11,345	12,395	22,113	30,250	1,373	5,793	12,804	24,485	11,681
	1914	102	26	1,088	10,658	11,772	28,897	35,602	1,740	5,961	12,913	23,403	10,491
Iron and steel, doors and shutters	1909	29	18	197	1,601	1,816	1,997	3,045	224	874	1,283	3,006	1,723
	1914	43	22	388	1,985	2,395	3,170	5,161	547	1,538	1,996	5,184	3,188
Iron and steel forgings	1909	172	90	935	8,168	9,193	27,803	27,755	1,300	5,003	10,240	20,293	10,053
	1914	191	59	1,236	10,689	11,984	38,215	36,320	1,994	7,487	14,611	28,961	14,350
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steelworks or rolling mills.	1909	57	42	432	2,765	3,239	7,723	8,898	562	1,353	3,972	8,192	4,220
	1914	64	40	495	2,644	3,179	8,235	7,883	601	1,508	3,594	7,199	3,605
Iron and steel pipe, wrought	1909	28	17	475	6,817	7,309	20,656	22,266	657	3,963	22,942	30,886	7,944
	1914	36	10	835	8,845	9,690	17,542	29,408	1,245	5,750	26,296	37,655	11,359
Jewelry	1909	1,537	1,846	4,799	30,347	36,992	11,204	63,811	5,838	18,358	36,675	80,350	43,675
	1914	1,914	2,220	5,555	28,289	36,064	15,666	72,404	7,325	18,302	39,116	81,006	41,890
Jewelry and instrument cases	1909	120	139	232	2,070	2,441	527	1,841	232	954	1,221	3,116	1,895
	1914	125	116	255	2,393	2,764	1,059	2,187	313	1,094	1,450	3,621	2,171
Labels and tags	1909	96	85	482	2,313	2,880	1,589	3,857	541	1,123	1,910	4,670	2,760
	1914	108	62	570	2,600	3,232	2,238	5,697	843	1,459	2,908	6,584	3,676
Lapidary work	1909	77	90	169	627	886	679	4,808	195	889	6,560	9,173	2,613
	1914	89	97	104	584	785	546	3,613	166	641	3,941	5,360	1,419

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.							
								Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Lard, refined, not made in slaughtering and meat-packing establishments.	1909	7	6	110	399	515	723	1,434	108	180	9,631	10,326	695
	1914	6	5	15	19	39	197	124	11	12	102	147	45
Lasts	1909	60	47	254	1,728	2,029	3,386	3,061	412	1,203	1,324	4,159	2,835
	1914	66	46	349	2,094	2,489	5,317	4,481	601	1,511	1,343	4,589	3,246
Lead, bar, pipe, and sheet	1909	33	8	234	802	1,044	3,179	20,587	360	510	7,412	9,145	1,733
	1914	27	4	225	585	814	2,609	5,036	386	407	6,048	7,431	1,383
Leather goods, not elsewhere specified	1909	2,375	2,552	6,066	34,907	43,525	28,148	69,814	6,701	17,921	60,027	104,719	44,692
	1914	3,554	3,794	5,687	31,417	40,898	21,478	76,339	7,003	17,842	59,128	102,715	43,587
Leather, tanned, curried, and finished	1909	919	784	4,114	62,202	67,100	148,140	332,727	6,744	32,103	248,279	327,874	79,595
	1914	741	566	4,278	55,936	60,780	172,712	332,180	7,376	31,914	284,245	367,202	82,956
Lime	1909	853	794	968	13,897	15,659	27,671	32,520	1,080	5,980	6,731	17,952	11,221
	1914	627	500	1,046	12,429	13,975	39,134	34,124	1,290	6,040	7,558	18,391	10,833
Liquors, distilled	1909	613	563	1,335	6,430	8,328	46,120	72,450	1,988	3,074	35,977	204,699	168,722
	1914	434	340	1,687	6,295	8,322	51,971	91,285	3,307	3,994	40,997	206,779	165,782
Liquors, malt	1909	1,414	639	11,507	54,579	66,725	347,726	671,158	22,804	41,206	96,596	374,730	278,134
	1914	1,250	511	12,823	62,070	75,404	405,884	792,914	27,002	53,244	129,724	442,149	312,425
Liquors, vinous	1909	290	236	579	1,911	2,726	6,771	27,908	863	972	6,626	13,121	6,495
	1914	318	302	594	2,292	3,188	9,356	31,516	891	1,194	9,489	16,618	7,129
Locomotives, not made by railroad companies	1909	16	7	2,029	14,909	16,945	35,102	52,060	2,297	8,914	15,060	31,582	16,522
	1914	19	.....	1,656	17,391	19,047	50,373	86,413	2,777	11,085	23,546	43,374	19,828
Looking-glass and picture frames	1909	437	431	1,018	6,021	7,470	5,330	9,058	1,119	3,201	5,525	13,475	7,950
	1914	438	416	875	4,787	6,078	4,210	8,049	1,078	2,850	4,468	11,014	6,546

Lubricating greases	1909	38	13	145	176	334	492	935	155	88	828	1,481	653
	1914	77	28	431	476	935	2,685	3,440	555	282	2,767	4,919	2,152
Lumber and timber products	1909	40,671	48,825	41,145	695,019	784,989	2,840,082	1,176,675	47,428	318,739	508,118	1,156,129	648,011
	1914	34,484	39,208	41,358	618,163	698,729	2,796,902	1,260,075	54,552	322,221	523,613	1,119,348	595,735
Malt	1909	114	52	425	1,760	2,237	26,441	60,286	884	1,348	30,464	38,252	7,788
	1914	97	77	482	1,989	2,548	33,394	46,767	1,304	1,828	39,199	48,133	8,934
Marble and stone work	1909	4,964	6,026	5,646	65,003	77,275	187,686	114,842	6,386	42,546	37,397	113,093	75,696
	1914	4,901	5,673	5,626	54,981	66,280	207,461	118,423	7,052	37,961	37,802	107,055	69,253
Matches	1909	26	46	543	3,631	4,220	6,224	11,953	723	1,390	4,599	11,353	6,754
	1914	20	4	742	3,800	4,546	7,465	11,736	1,053	1,758	5,202	12,556	7,355
Mats and matting, from coco fiber, grass, etc	1909	12	18	85	937	1,040	1,433	4,051	95	385	1,067	2,432	1,365
	1914	12	10	98	869	977	1,643	5,055	97	455	1,170	2,236	1,066
Mattresses and spring beds	1909	930	869	1,918	11,322	14,109	17,689	23,735	2,039	5,771	20,483	35,783	15,300
	1914	1,000	926	2,224	11,747	14,897	21,674	24,922	2,690	6,723	22,399	38,717	16,318
Millinery and lace goods	1909	1,579	1,934	5,166	39,201	46,301	7,918	35,705	5,381	16,308	45,040	85,894	40,854
	1914	2,079	2,335	6,327	45,274	53,936	12,736	53,101	7,349	21,545	57,676	114,160	56,484
Mineral and soda waters	1909	4,916	5,743	3,170	13,147	22,060	19,392	42,305	2,846	6,902	16,466	43,508	27,042
	1914	5,463	6,015	3,895	15,506	25,416	25,164	53,233	4,094	8,864	26,779	58,401	31,622
Minerals and earths, ground	1909	119	53	308	1,990	2,351	20,920	13,226	417	897	2,042	4,681	2,638
	1914	244	110	684	4,707	5,501	44,069	27,439	878	2,485	4,561	10,307	5,746
Mirrors, framed and unframed	1909	148	131	384	2,994	3,509	3,862	4,890	450	1,763	5,905	9,571	3,666
	1914	182	138	472	3,184	3,794	4,673	6,517	662	1,968	6,014	10,189	4,175
Models and patterns, not including paper patterns	1909	709	840	439	4,171	5,450	5,486	5,576	490	2,929	2,876	8,868	5,992
	1914	762	846	633	4,274	5,753	6,149	5,534	745	3,103	2,045	8,605	6,560
Motorcycles, bicycles, and parts	1909	95	78	502	4,437	5,017	5,932	9,780	582	2,908	5,083	10,699	5,616
	1914	78	47	1,026	6,680	7,753	8,753	18,135	1,175	4,739	10,928	22,234	11,306
Mucilage and paste	1909	127	108	255	538	901	2,335	2,717	353	286	3,283	4,918	1,635
	1914	127	104	363	700	1,167	2,456	3,550	448	399	3,338	5,695	2,357
Musical instruments and materials, not specified	1909	187	187	260	1,822	2,209	1,423	3,298	343	992	890	3,228	2,338
	1914	241	234	345	1,831	2,410	1,865	3,858	385	1,161	1,023	3,625	2,602
Musical instruments, pianos and organs and materials	1909	507	297	3,565	38,020	41,882	41,623	103,234	5,552	22,762	43,765	89,790	46,025
	1914	478	221	3,946	37,556	41,723	44,349	130,990	6,483	23,353	41,253	88,948	47,695
Needles, pins, and hooks and eyes	1909	49	27	313	4,638	4,978	4,542	6,705	393	2,064	2,329	6,694	4,365
	1914	49	20	391	5,339	5,750	4,813	9,424	598	2,507	3,242	7,891	4,649

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 and 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Oakum	1909	6	7	9	113	129	289	342	14	42	232	338	106
	1914	6	6	14	116	136	333	495	19	49	235	359	124
Oil, cottonseed, and cake	1909	817	110	4,092	17,071	21,273	192,342	91,086	4,295	5,835	119,833	147,868	28,035
	1914	882	180	5,057	21,810	27,047	249,781	118,173	5,920	8,490	180,976	212,127	31,151
Oil, essential	1909	68	73	45	290	408	1,218	1,365	61	123	1,255	1,737	482
	1914	105	116	70	249	435	2,309	1,617	105	133	1,565	2,314	749
Oil, linseed	1909	29	9	292	1,452	1,753	13,211	18,932	740	893	31,035	36,739	5,704
	1914	25	10	500	1,488	1,998	15,511	39,873	926	1,127	39,555	44,883	5,328
Oil, not elsewhere specified	1909	193	122	1,323	1,769	3,214	6,157	19,479	1,950	1,092	22,068	31,770	9,702
	1914	181	65	1,444	2,049	3,558	10,984	27,630	2,463	1,363	26,420	38,040	11,620
Oilcloth and linoleum	1909	31	11	345	5,201	5,557	16,125	19,634	649	2,826	15,550	23,339	7,789
	1914	31	7	576	5,651	6,234	22,272	28,041	936	3,213	17,776	25,598	7,822
Oleomargarine	1909	12	1	166	606	773	2,408	3,558	276	413	6,497	8,148	1,651
	1914	17	1	347	917	1,265	3,611	2,994	498	584	10,257	15,080	4,823
Optical goods	1909	217	163	1,248	6,398	7,809	5,725	10,147	1,157	3,394	4,187	11,735	7,548
	1914	314	229	2,163	7,919	10,311	7,792	17,011	2,419	4,649	6,606	18,188	11,582
Paint and varnish	1909	791	456	7,200	14,240	21,896	56,162	103,995	10,378	8,271	79,016	124,889	45,873
	1914	800	391	9,208	16,083	25,682	70,611	129,534	14,189	10,180	88,466	145,624	57,158
Paper and wood pulp	1909	777	250	5,245	75,978	81,473	1,304,265	409,348	9,510	40,805	165,442	267,657	102,215
	1914	718	221	6,838	88,457	95,516	1,621,154	534,625	12,918	53,246	213,181	332,147	118,966
Paper goods, not elsewhere specified	1909	403	228	2,946	19,211	22,385	27,067	48,662	3,701	8,169	31,249	55,171	23,922
	1914	418	188	4,348	21,624	26,160	35,307	58,768	5,649	10,808	41,317	71,703	30,386

Paper patterns	1909	27	22	812	921	1,755	751	4,578	675	407	646	2,611	1,965
	1914	25	18	934	1,073	2,025	362	2,612	756	577	626	3,026	2,400
Patent medicines and compounds and druggists' preparations.	1909	3,642	2,802	15,404	22,895	41,101	25,659	99,942	17,007	9,897	50,376	141,942	91,566
	1914	3,815	2,724	17,629	25,502	45,855	28,872	127,722	22,878	12,710	66,340	167,372	101,632
Paving materials	1909	49	31	281	1,419	1,731	5,757	11,410	373	750	3,478	6,229	2,751
	1914	609	367	1,761	19,540	21,668	138,026	57,432	2,515	11,184	14,163	35,678	21,515
Peanuts, grading, roasting, cleaning, and shelling	1909	46	35	193	1,949	2,177	2,827	3,646	209	351	8,612	9,737	1,125
	1914	61	31	212	2,353	2,596	4,235	3,615	303	569	12,571	14,996	2,425
Pencils, lead	1909	11	4	375	4,134	4,513	3,448	7,867	697	1,712	3,596	7,379	3,783
	1914	14	1	429	4,330	4,760	3,738	10,670	740	1,944	4,564	8,328	3,764
Pens, fountain, stylographic and gold	1909	65	51	544	1,225	1,820	569	3,121	554	712	2,246	4,739	2,493
	1914	67	46	771	1,400	2,217	1,295	3,678	686	892	1,916	7,508	5,592
Pens, steel	1909	5	.....	56	699	755	244	804	86	230	95	577	482
	1914	5	1	62	573	636	244	871	85	243	117	513	396
Petroleum, refining	1909	147	42	2,669	13,929	16,640	90,268	181,916	3,929	9,830	199,273	235,998	37,725
	1914	176	52	5,659	25,366	31,077	128,468	325,646	7,892	19,397	325,265	396,361	71,096
Phonographs and graphophones	1909	18	2	727	5,199	5,928	6,371	14,363	945	2,841	3,099	11,726	8,627
	1914	18	11	1,974	9,381	11,366	11,688	33,771	2,429	6,341	7,048	27,116	20,068
Photographic apparatus and materials	1909	103	59	1,342	5,195	6,596	8,637	18,918	1,462	3,037	6,708	22,561	15,853
	1914	146	85	2,469	8,674	11,228	16,482	36,388	3,161	5,545	11,539	39,042	27,503
Photo-engraving	1909	313	233	1,701	5,343	7,277	2,638	5,474	1,849	4,750	2,134	11,624	9,490
	1914	376	262	2,052	6,211	8,525	3,927	7,703	2,620	6,167	2,798	15,359	12,561
Pipes, tobacco	1909	62	70	245	2,775	3,090	1,506	3,528	283	1,255	2,459	5,312	2,853
	1914	47	43	139	2,354	2,536	1,716	3,232	186	1,188	2,308	4,220	1,912
Printing and publishing	1909	31,445	30,424	99,608	258,434	388,466	297,763	588,346	103,458	164,628	201,775	737,876	536,101
	1914	33,471	31,041	116,180	272,092	419,313	335,210	720,232	137,397	195,510	257,848	901,535	643,687
Pulp goods	1909	14	1	98	783	882	3,125	2,680	124	377	971	1,770	799
	1914	24	5	331	1,654	1,990	8,826	6,862	367	884	2,191	4,483	2,292
Pumps, not including power pumps	1909	102	87	400	2,136	2,623	4,214	6,018	420	1,258	2,487	5,583	3,096
	1914	96	70	453	2,134	2,657	3,488	6,194	582	1,391	2,765	6,350	3,585
Rice, cleaning and polishing	1909	71	38	500	1,239	1,777	19,519	13,347	613	564	19,501	22,371	2,870
	1914	59	48	438	1,253	1,739	15,571	12,627	638	646	20,616	23,039	2,423
Roofing materials	1909	117	46	1,019	2,465	3,530	9,431	15,349	1,381	1,339	12,458	19,204	6,746
	1914	170	74	1,246	4,088	5,408	11,702	23,645	1,978	2,642	17,605	27,978	10,373

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Rubber goods, not elsewhere specified	1909	227	102	4,661	26,521	31,284	79,062	98,507	5,406	14,120	82,192	128,436	46,244
	1914	301	85	11,952	50,220	62,257	151,927	199,183	12,627	31,279	126,112	223,611	97,499
Rules, ivory and wood	1909	9	9	9	109	127	167	104	11	51	31	144	113
	1914	10	10	58	408	476	441	883	87	224	187	634	447
Safes and vaults	1909	42	8	709	3,343	4,060	5,546	8,944	1,058	2,072	3,443	8,491	5,048
	1914	39	5	612	2,972	3,589	8,406	9,360	866	1,860	2,646	7,257	4,611
Salt	1909	124	74	570	4,936	5,580	27,263	29,012	719	2,531	5,203	11,328	6,125
	1914	98	60	587	5,089	5,736	29,007	33,151	968	3,041	6,273	14,070	7,797
Sand and emery paper and cloth	1909	10	9	159	611	779	3,351	4,400	210	370	2,382	4,358	1,976
	1914	12	5	147	681	833	3,153	5,279	254	359	2,687	4,328	1,641
Saws	1909	96	84	841	4,832	5,757	11,852	14,855	966	2,856	4,912	11,536	6,624
	1914	100	82	851	4,560	5,493	11,793	15,860	1,154	3,019	4,714	12,517	7,803
Scales and balances	1909	87	44	672	3,559	4,275	6,183	10,183	815	2,186	2,704	8,786	6,082
	1914	83	48	976	4,467	5,491	6,201	13,895	1,234	2,934	3,174	9,734	6,560
Screws, machine	1909	43	32	164	1,667	1,863	3,319	3,728	199	970	1,160	3,014	1,854
	1914	66	28	422	3,643	4,093	7,988	9,762	584	2,310	3,058	7,248	4,190
Screws, wood	1909	11	1	293	3,464	3,758	5,618	9,570	375	1,454	2,309	6,199	3,890
	1914	12	1	414	4,446	4,861	8,044	10,539	540	1,950	2,350	6,217	3,867
Sewing machines, cases, and attachments	1909	47	14	1,246	19,296	20,556	19,426	33,104	1,423	11,102	11,455	28,262	16,807
	1914	50	19	1,463	18,007	19,489	24,229	40,892	2,034	11,091	10,199	27,238	17,039
Shipbuilding, including boat building	1909	1,353	1,463	2,980	40,506	44,949	88,063	126,118	4,035	25,268	31,214	73,360	42,146
	1914	1,147	1,192	2,986	44,489	48,667	115,333	156,060	4,759	32,931	38,597	88,682	50,085

Shoddy	1909	88	83	196	2,041	2,320	13,820	6,887	290	907	5,001	7,446	2,445
	1914	64	58	188	2,145	2,391	12,440	6,421	287	1,056	5,300	7,707	2,407
Show cases	1909	149	154	399	3,390	3,943	4,746	5,369	505	2,017	3,140	7,167	4,027
	1914	132	116	308	2,257	2,681	4,145	4,155	436	1,466	2,248	5,233	2,985
Signs and advertising novelties	1909	288	211	1,526	5,540	7,277	3,790	9,647	1,476	3,105	4,709	13,546	8,837
	1914	776	690	2,482	9,566	12,738	7,370	21,288	3,086	5,933	9,059	24,792	15,733
Silk and silk goods, including throwsters	1909	852	664	5,537	99,037	105,238	97,947	152,158	7,527	38,570	107,767	196,912	89,145
	1914	902	591	6,810	108,170	115,571	116,924	210,072	10,507	47,108	144,442	254,011	109,569
Silverware and plated ware	1909	183	114	2,050	16,610	18,774	15,183	46,759	2,745	10,282	18,332	42,229	23,897
	1914	180	97	2,557	15,787	18,441	18,738	50,157	3,507	9,796	16,580	38,271	21,691
Slaughtering and meat packing	1909	1,641	1,059	17,329	89,728	108,716	208,707	383,249	20,054	51,645	1,202,828	1,370,568	167,740
	1914	1,791	1,740	22,171	101,076	124,987	260,996	539,475	28,063	63,743	1,458,954	1,673,979	215,025
Smelting and refining, copper	1909	38	7	1,197	15,628	16,832	158,126	111,443	2,419	13,396	333,532	378,806	45,274
	1914	37	.....	1,863	17,731	19,594	194,980	171,420	3,618	16,149	379,157	444,022	64,865
Smelting and refining, lead	1909	28	.....	635	7,424	8,059	26,954	132,310	1,476	5,431	151,963	167,406	15,443
	1914	22	3	648	7,385	8,036	29,734	143,249	1,495	6,134	154,015	171,579	17,564
Smelting and refining, zinc	1909	29	3	498	6,655	7,156	21,457	27,760	993	4,210	25,230	34,206	8,976
	1914	29	2	708	9,617	10,327	36,705	36,388	1,477	6,700	39,573	53,538	13,965
Smelting and refining, not from the ore	1909	89	73	376	2,147	2,596	10,705	13,834	570	1,281	23,162	28,072	4,910
	1914	84	66	551	2,585	3,202	10,075	21,456	1,055	1,884	31,251	39,902	8,651
Soap	1909	420	329	5,065	12,999	18,393	28,360	71,951	5,506	6,227	72,179	111,358	39,179
	1914	371	252	5,415	14,172	19,839	35,737	92,872	6,692	8,088	88,867	127,942	39,076
Soda-water apparatus	1909	63	40	562	1,797	2,399	2,894	8,589	624	1,239	2,443	6,556	4,113
	1914	67	41	586	2,229	2,856	3,726	10,419	848	1,661	3,883	8,781	4,898
Sporting and athletic goods	1909	180	155	517	5,321	5,993	3,243	6,617	617	2,165	5,565	11,052	5,487
	1914	162	126	590	5,602	6,318	4,356	8,468	716	2,771	6,952	13,235	6,283
Springs, steel, car and carriage	1909	54	24	353	3,196	3,573	7,349	8,784	590	1,853	4,727	9,005	4,278
	1914	84	46	491	3,703	4,240	8,098	11,083	857	2,602	6,143	11,595	5,452
Stationery goods, not elsewhere specified	1909	153	103	1,629	6,206	7,938	6,842	13,508	1,897	2,736	7,744	16,647	8,903
	1914	189	131	2,032	7,728	9,891	5,703	18,186	2,779	4,791	10,763	21,903	11,140
Statuary and art goods	1909	194	275	198	1,699	2,172	462	2,221	225	1,339	680	3,442	2,761
	1914	190	231	219	1,988	2,438	826	3,394	304	1,583	842	3,910	3,068
Steam packing	1909	153	82	1,238	3,648	4,968	11,129	14,126	1,356	1,811	6,650	12,160	5,510
	1914	149	61	1,047	4,213	4,321	17,254	17,708	1,475	2,525	8,176	14,213	6,037

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.							
								Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Stereotyping and electrotyping	1909	174	133	678	2,850	3,661	4,076	3,826	800	2,312	1,765	6,384	4,619
	1914	189	108	890	3,457	4,455	6,983	4,710	1,073	3,001	2,255	8,154	5,899
Stoves and furnaces, including gas and oil stoves	1909	576	244	5,547	37,130	42,921	45,524	86,044	6,975	22,944	29,338	78,853	49,515
	1914	551	284	6,082	37,325	43,691	49,150	95,170	8,762	25,865	33,955	89,390	55,435
Sugar, beet	1909	58	1	1,184	7,204	8,389	57,202	129,629	1,769	4,808	27,265	48,122	20,857
	1914	60	1	1,636	7,997	9,634	76,705	142,181	2,259	6,606	41,399	62,605	21,206
Sugar, cane, including refining [1]	1909	233	204	1,928	13,526	15,658	160,603	153,167	2,392	7,484	247,583	279,249	31,666
	1914	199	180	2,040	14,885	17,105	162,912	173,496	2,993	9,385	280,044	311,034	30,990
Sulphuric, nitric, and mixed acids	1909	42	.....	330	2,252	2,582	6,494	18,726	551	1,495	5,386	9,884	4,498
	1914	32	.....	540	3,064	3,604	24,927	35,234	870	2,213	6,734	15,215	8,481
Surgical appliances and artificial limbs	1909	324	316	1,248	4,241	5,805	5,752	11,045	1,488	2,129	5,372	12,399	7,027
	1914	391	329	1,455	4,770	6,554	6,950	12,886	1,782	2,581	7,413	16,418	9,005
Theatrical scenery	1914	7	.....	37	88	125	65	266	72	89	125	327	202
Tin plate and terneplate	1909	31	4	490	5,352	5,846	8,154	10,995	620	3,315	41,889	47,970	6,081
	1914	31	4	491	5,238	5,733	9,355	26,847	759	3,924	57,907	68,343	10,436
Tin foil	1909	10	8	71	683	762	1,699	2,505	92	304	2,277	3,419	1,142
	1914	14	10	101	1,031	1,142	2,458	3,349	156	527	3,672	5,068	1,396
Tobacco manufactures	1909	15,822	17,634	13,193	166,810	197,637	28,514	245,650	16,779	69,355	177,186	416,695	239,509
	1914	13,951	15,200	16,822	178,872	210,894	38,737	303,840	22,124	77,856	207,134	490,165	283,031
Toys and games	1909	226	185	582	5,305	6,072	5,323	6,541	661	2,227	3,554	8,264	4,710
	1914	290	226	789	7,887	8,902	6,789	10,484	995	3,499	5,779	13,757	7,977

Turpentine and rosin	1909	1,585	2,567	2,446	39,511	44,524	4,129	12,401	1,655	9,363	4,911	25,295	20,384
	1914	1,394	1,621	1,856	34,817	38,294	2,478	20,745	1,434	8,583	5,536	20,990	15,454
Type-founding and printing materials	1909	122	78	493	2,026	2,597	1,948	6,793	560	1,191	1,772	4,703	2,931
	1914	125	66	502	1,477	2,045	2,328	7,287	709	1,006	1,665	4,431	2,766
Typewriters and supplies	1909	89	34	2,489	9,578	12,101	6,845	26,309	2,707	6,221	4,077	19,719	15,642
	1914	107	42	2,720	11,091	13,853	10,887	30,988	3,422	6,966	5,501	24,500	18,999
Umbrellas and canes	1909	256	299	734	5,472	6,505	2,413	9,556	915	2,253	10,056	15,864	5,808
	1914	265	298	740	4,792	5,830	2,579	9,469	1,039	2,167	8,592	13,813	5,221
Upholstering materials	1909	230	214	496	4,067	4,777	17,456	10,297	587	1,689	8,069	13,054	4,985
	1914	179	139	614	4,426	5,179	18,753	15,879	922	2,144	10,796	16,492	5,695
Vault lights and ventilators	1909	37	27	99	327	453	234	607	109	228	338	957	619
	1914	45	26	182	601	809	491	1,054	246	457	959	2,051	1,092
Vinegar and cider	1909	963	1,050	481	1,542	3,073	16,681	10,879	539	723	4,964	8,448	3,484
	1914	618	640	512	1,229	2,381	13,162	8,055	588	713	4,440	7,811	3,371
Wall paper	1909	45	10	699	4,037	4,746	5,680	14,153	1,054	2,039	7,623	14,449	6,826
	1914	48	5	946	4,738	5,689	7,010	17,620	1,518	2,703	8,536	15,887	7,351
Wall plaster	1909	198	60	773	4,791	5,624	25,892	16,885	1,049	2,391	6,007	12,804	6,797
	1914	165	34	1,087	5,389	6,510	36,626	29,511	1,585	3,453	7,993	16,544	8,551
Washing machines and clothes wringers	1909	100	76	383	1,835	2,294	3,351	5,318	466	904	2,837	5,825	2,988
	1914	111	69	515	2,302	2,886	4,903	7,298	700	1,221	4,148	7,600	3,452
Waste	1909	53	41	191	1,897	2,129	4,286	6,125	290	716	8,837	11,398	2,561
	1914	73	59	350	2,966	3,375	8,513	10,668	564	1,191	15,238	17,600	2,362
Wheelbarrows	1909	24	17	94	664	775	1,486	1,510	81	321	715	1,625	910
	1914	21	11	74	323	408	1,198	947	99	199	429	942	513
Whips	1909	57	90	310	1,546	1,946	1,321	3,900	323	704	1,585	3,949	2,364
	1914	40	40	252	1,163	1,455	1,076	3,050	402	559	1,341	3,162	1,821
Windmills	1909	34	18	387	2,337	2,742	3,301	5,636	479	1,403	3,331	6,677	3,346
	1914	31	16	343	1,955	2,314	3,997	6,426	506	1,252	2,555	5,497	2,942
Window shades and fixtures	1909	219	194	646	3,930	4,770	5,737	10,334	807	1,918	12,653	18,571	5,918
	1914	286	268	827	4,077	5,172	6,607	11,526	1,078	2,181	11,889	17,444	5,555
Wire	1909	56	15	1,846	18,084	19,945	71,959	60,157	2,199	10,316	60,543	84,486	23,943
	1914	54	18	2,122	17,600	19,740	83,940	64,014	2,978	11,021	56,424	81,841	25,417

[1] Includes 181 establishments reported as "Sugar cane" and 18 as "Sugar, refining, not including beet sugar," in 1914, and 214 establishments reported as "Sugar and molasses" and 19 as "Sugar and molasses, refining, not including beet sugar," in 1909.

No. 142.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Wirework, including wire rope and cable	1909	611	484	2,162	12,348	14,994	20,131	34,970	2,674	6,331	24,394	41,938	17,54
	1914	552	419	2,070	12,126	14,615	21,547	38,509	2,874	6,719	24,114	41,789	17,67
Wood carpet	1909	10	9	28	184	221	269	423	33	138	228	490	261
	1914	6	4	22	166	192	131	147	28	166	308	557	24
Wood distillation, not including turpentine and rosin.	1909	120	56	318	2,721	3,095	9,854	13,017	355	1,463	5,876	9,737	3,861
	1914	95	36	324	2,782	3,142	10,045	17,563	403	1,565	6,496	9,883	3,38
Wood preserving	1909	53	1	471	2,403	2,875	10,647	12,408	517	1,066	9,328	14,099	4,771
	1914	68	3	621	2,830	3,454	11,801	20,155	943	1,785	16,060	21,055	4,99
Wood, turned and carved	1909	1,050	1,097	1,007	14,139	16,243	48,447	18,334	1,045	6,213	9,744	22,199	12,455
	1914	828	810	971	11,615	13,396	43,334	17,836	1,123	5,645	9,166	19,047	9,881
Wool pulling	1909	37	37	91	631	759	1,366	3,248	132	387	4,103	5,181	1,079
	1914	34	31	84	708	823	2,248	3,534	143	452	6,632	8,273	1,641
Wool scouring	1909	28	18	102	1,142	1,262	6,782	3,258	143	558	2,122	3,289	1,167
	1914	24	11	724	1,059	1,194	7,579	3,493	162	617	3,176	4,565	1,38
Woolen, worsted, and felt goods, and wool hats	1909	985	732	5,722	168,722	175,176	362,209	430,579	10,097	72,427	282,878	435,979	153,101
	1914	882	606	6,133	163,976	170,715	398,367	412,545	11,778	78,642	255,783	395,122	139,33
All other industries[1]	1909	24	16	232	602	850	622	19,682	435	402	2,307	4,596	2,28
	1914	8	7	56	357	420	1,027	3,481	330	235	454	1,104	650
Total	1909	268,491	273,265	790,267	6,615,046	7,678,578	18,675,376	18,428,270	938,575	3,427,038	12,142,791	20,672,052	8,529,261
	1914	275,791	264,872	964,217	7,036,337	8,265,426	22,547,574	22,790,980	1,288,917	4,079,332	14,368,089	24,246,435	9,878,346

[1] Includes the following industries, with number of establishments indicated: "Moving pictures," 16; "Millstones," 2; "Ordnance and accessories," 2; "Pulp from fiber other than wood," 3; and "Whalebone cutting," 1, in 1914.

No. 143.—SUMMARY OF MANUFACTURES: By States and Geographic Divisions, 1904, 1909, and 1914.

[Source: Reports of the Bureau of the Census, Department of Commerce. Primary horsepower includes primary power generated in manufacturing establishments, plus electric and other power rented from outside sources; it does not include the power of electric motors run by current generated in the same establishment. A minus sign (—) indicates decrease.]

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								1,000 dollars.	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*		
Alabama	1904	1,882	1,948	3,763	62,173	67,884	293,185	105,383	3,867	21,878	60,458	109,170	48,712	18.0	51.4
	1909	3,398	3,769	6,055	72,148	81,972	357,837	173,180	6,565	27,284	83,442	145,962	62,520	16.0	33.7
	1914	3,242	3,310	7,026	78,717	89,053	445,762	227,505	8,451	33,897	107,411	178,798	71,387	9.1	22.5
Arizona	1904	169	133	291	4,793	5,217	21,412	14,396	472	3,969	14,595	28,083	13,488	53.3	37.4
	1909	311	261	500	6,441	7,202	39,140	32,873	798	5,505	33,600	50,257	16,657	34.4	79.0
	1914	322	267	849	6,898	8,014	54,697	40,300	1,418	6,229	39,283	64,090	24,807	7.1	27.5
Arkansas	1904	1,907	2,140	2,328	33,089	37,557	109,509	46,306	2,310	14,544	21,799	53,865	32,066	5.0	35.0
	1909	2,925	3,455	3,293	44,982	51,730	173,088	70,174	3,461	19,113	34,935	74,916	39,981	35.9	39.1
	1914	2,604	2,917	3,544	41,979	48,440	177,208	77,162	4,163	20,752	44,907	83,941	39,034	— 6.7	12.0
California	1904	6,839	7,402	12,283	100,355	120,040	210,359	282,647	14,399	64,657	215,726	367,218	151,492	30.0	42.7
	1909	7,659	8,077	18,203	115,296	141,576	329,100	537,134	22,955	84,142	325,238	529,761	204,523	14.9	44.3
	1914	10,057	10,429	26,637	139,481	176,547	491,025	736,105	35,230	105,613	447,475	712,801	265,326	21.0	34.5
Colorado	1904	1,606	1,398	2,677	21,813	25,888	124,907	107,664	3,549	15,100	63,114	100,144	37,030	11.9	12.4
	1909	2,034	1,722	4,326	28,067	34,115	154,615	162,668	5,648	19,912	80,491	130,044	49,553	28.7	29.9
	1914	2,126	1,716	4,721	27,278	33,715	162,828	181,776	6,368	20,200	89,755	136,839	47,083	— 2.8	5.0
Connecticut	1904	3,477	2,918	13,523	181,605	198,046	301,204	373,283	17,040	87,942	191,302	369,082	177,780	13.7	17.1
	1909	4,251	3,468	19,611	210,792	233,871	400,275	517,546	25,637	116,119	257,959	490,272	233,013	16.1	32.8
	1914	4,104	3,123	25,112	226,264	254,499	453,812	620,194	35,511	125,220	288,511	545,472	256,961	7.3	11.3
Delaware	1904	631	641	1,451	18,475	20,567	49,490	50,926	1,629	8,158	24,884	41,160	16,276	—10.2	—.4
	1909	726	722	2,024	21,238	23,984	52,779	60,906	2,322	10,296	30,938	52,840	21,902	15.0	28.4
	1914	808	935	2,643	22,155	25,533	64,463	69,324	3,400	11,382	31,649	56,035	24,386	4.3	6.0
District of Columbia	1904	482	473	1,006	6,299	7,778	12,592	20,200	1,207	3,659	7,732	18,359	10,627	2.3	11.8
	1909	518	475	1,576	7,707	9,758	16,563	30,553	1,846	4,989	10,247	25,289	15,042	22.4	37.7
	1914	514	435	2,011	8,877	11,323	21,775	40,810	2,537	6,069	12,239	28,978	16,739	15.2	14.6
Florida	1904	1,413	1,769	3,125	42,091	46,985	43,413	32,972	2,670	15,767	16,532	50,298	33,766	18.7	47.1
	1909	2,159	2,712	4,625	57,473	64,810	89,816	65,291	4,955	22,982	26,128	72,890	46,762	36.5	44.9
	1914	2,518	2,682	4,914	55,608	63,204	100,071	88,319	5,290	24,822	33,816	81,112	47,296	— 3.3	11.3

No. 143.—SUMMARY OF MANUFACTURES: BY STATES AND GEOGRAPHIC DIVISIONS, 1904, 1909, AND 1914—Continued.

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.		
Georgia	1904	3,219	3,512	6,104	92,749	102,365	220,419	135,211	5,927	27,393	83,625	151,040	67,415	11.3	59.8
	1909	4,792	5,141	8,307	104,588	118,036	298,241	202,778	9,062	34,805	116,970	202,863	85,893	12.8	34.3
	1914	4,639	4,443	9,661	104,461	118,565	357,403	258,326	11,822	38,128	160,089	253,271	93,182	−12.1	24.8
Idaho	1904	364	371	359	3,061	3,791	16,987	9,689	379	2,059	4,069	8,769	4,700	97.2	192.2
	1909	725	831	858	8,220	9,909	42,804	32,477	984	5,498	9,920	22,400	12,480	168.5	155.4
	1914	698	664	946	8,919	10,529	50,326	44,960	1,240	7,491	14,892	28,454	13,562	8.5	27.0
Illinois	1904	14,921	13,990	54,521	379,436	447,947	741,555	975,845	60,560	208,405	840,057	1,410,342	570,285	14.0	25.8
	1909	18,026	17,357	77,923	465,764	561,044	1,013,071	1,548,171	91,449	273,319	1,160,927	1,919,277	758,350	22.8	36.1
	1914	18,388	15,854	95,130	506,943	617,927	1,305,930	1,943,836	128,478	340,910	1,340,183	2,247,323	907,140	8.8	17.1
Indiana	1904	7,044	7,191	14,862	154,174	176,227	380,752	312,071	15,029	72,058	220,507	393,954	173,447	10.9	16.9
	1909	7,969	7,674	23,605	186,984	218,263	633,377	508,717	26,305	95,510	334,375	579,075	244,700	21.3	47.0
	1914	8,022	7,229	28,538	197,503	233,270	709,703	668,863	36,596	119,258	423,857	730,795	306,938	5.6	26.2
Iowa	1904	4,785	4,758	7,122	49,481	61,361	118,065	111,428	5,948	22,997	102,844	160,572	57,728	11.4	20.8
	1909	5,528	5,323	11,402	61,635	78,360	155,384	171,219	10,972	32,542	170,707	259,238	88,531	24.6	61.4
	1914	5,614	7,694	14,097	63,113	84,904	191,094	233,129	16,311	39,860	205,451	310,750	105,299	2.4	19.9
Kansas	1904	2,475	2,766	3,721	35,570	42,057	99,441	88,680	3,693	18,883	156,510	198,245	41,735	31.2	28.7
	1909	3,435	3,571	6,863	44,215	54,649	213,141	156,090	7,351	25,904	258,884	325,104	66,220	24.3	64.0
	1914	3,136	3,247	7,526	41,259	52,032	179,146	163,790	9,013	25,970	261,148	323,234	62,086	− 6.7	− .6
Kentucky	1904	3,734	4,108	5,853	59,794	69,755	174,625	147,282	5,871	24,439	86,545	159,754	73,209	15.6	26.3
	1909	4,776	5,050	8,610	65,400	79,060	230,224	172,779	9,603	27,888	111,779	223,754	111,975	9.4	40.1
	1914	4,184	4,148	9,131	64,586	77,865	238,314	193,423	11,323	31,830	114,829	230,249	115,420	− 1.3	2.9
Louisiana	1904	2,091	1,899	5,977	55,859	63,735	251,963	150,811	6,044	25,316	117,035	186,380	69,345	36.6	67.3
	1909	2,516	2,295	8,103	76,165	86,563	346,652	221,816	9,008	33,336	134,865	223,949	89,084	36.4	20.2
	1914	2,211	1,850	8,499	77,665	88,014	399,743	261,635	11,168	39,544	157,886	255,313	97,427	2.0	14.0
Maine	1904	3,145	3,379	3,772	74,958	82,109	343,627	143,708	3,989	32,692	80,042	144,020	63,978	7.2	27.5
	1909	3,546	3,661	4,860	79,955	88,476	459,599	202,260	5,797	37,632	97,101	176,029	78,928	6.7	22.2
	1914	3,378	3,344	5,265	82,149	90,758	487,211	233,844	7,269	43,254	117,655	200,450	82,795	2.7	13.9
Maryland	1904	3,852	4,505	8,624	94,174	107,303	165,449	201,878	8,844	36,144	150,024	243,376	93,352	(1)	15.3
	1909	4,837	5,376	12,192	107,921	125,489	218,244	251,227	13,617	45,436	199,049	315,669	116,620	14.6	29.7
	1914	4,797	5,005	14,801	111,585	131,391	263,753	293,211	18,009	53,792	238,972	377,749	138,777	3.4	19.7

Massachusetts	1904	10,723	11,258	32,824	488,399	532,481	938,007	965,949	39,654	232,389	626,411	1,124,092	497,681	11.4	23.8
	1909	11,684	11,194	48,646	584,559	644,399	1,175,071	1,279,687	63,279	301,174	830,765	1,490,529	659,764	19.7	32.6
	1914	12,013	10,710	59,234	606,698	676,642	1,396,722	1,548,961	83,715	341,310	931,384	1,641,373	709,989	3.8	10.0
Michigan	1904	7,446	7,732	17,235	175,229	200,196	440,890	337,894	17,470	81,279	230,081	429,120	199,039	12.5	34.2
	1909	9,159	8,965	30,607	231,499	271,071	598,288	583,947	34,870	118,968	368,612	685,109	316,497	32.1	59.7
	1914	8,724	7,725	41,796	271,090	320,611	764,183	869,143	68,273	182,252	592,801	1,086,162	493,361	17.1	58.5
Minnesota	1904	4,756	4,524	9,141	69,636	83,301	220,934	184,903	9,033	35,843	210,554	307,858	97,304	7.9	37.6
	1909	5,561	5,376	14,263	84,767	104,406	297,670	275,416	15,451	47,471	281,622	409,420	127,798	21.7	33.0
	1914	5,974	5,233	17,623	92,834	115,690	358,737	354,434	22,084	58,507	336,849	493,854	158,505	9.5	20.5
Mississippi	1904	1,520	1,588	2,688	38,690	42,966	110,338	50,256	2,598	14,819	25,801	57,451	31,650	44.4	70.4
	1909	2,598	2,974	3,403	50,384	56,761	206,222	72,393	3,654	18,768	36,926	80,555	43,629	30.2	40.2
	1914	2,209	2,386	3,189	46,702	52,277	186,434	81,005	3,831	19,177	41,340	79,550	38,210	7.3	−1.3
Missouri	1904	6,464	6,299	17,119	133,167	156,585	247,861	379,369	19,002	66,644	252,258	439,549	187,291	23.6	39.0
	1909	8,375	8,226	24,486	152,993	185,705	340,467	444,343	28,994	80,843	354,411	574,111	219,700	14.9	30.6
	1914	8,386	7,698	28,386	152,182	188,266	391,385	522,548	37,297	89,197	388,715	637,952	249,237	− .6	11.1
Montana	1904	382	334	905	8,957	10,196	46,736	52,590	1,506	8,652	40,930	66,415	25,485	− 9.1	25.9
	1909	677	659	1,380	11,655	13,694	90,402	44,588	2,054	10,901	49,180	73,272	24,092	30.1	10.3
	1914	939	832	1,827	13,704	16,363	91,671	79,246	2,779	13,001	46,744	84,446	37,702	17.6	5.2
Nebraska	1904	1,819	1,904	3,192	20,260	25,356	46,372	80,235	3,075	11,022	124,052	154,918	30,866	8.5	18.9
	1909	2,500	2,522	5,108	24,336	31,966	64,466	99,901	5,491	13,948	151,081	199,019	47,938	20.1	28.5
	1914	2,492	2,472	6,079	25,144	33,695	90,192	121,008	7,118	16,893	174,114	221,616	47,502	8.3	11.4
Nevada	1904	115	108	106	802	1,016	2,834	2,892	126	694	1,628	3,096	1,468	59.1	145.5
	1909	177	137	256	2,257	2,650	7,765	9,806	378	1,982	8,366	11,887	3,521	181.4	283.9
	1914	180	179	279	3,655	4,113	18,748	13,591	471	3,578	9,317	16,083	6,766	61.9	35.2
New Hampshire	1904	1,618	1,726	2,666	65,366	69,758	218,344	109,495	2,972	27,693	73,216	123,611	50,395	− 3.4	14.9
	1909	1,961	2,014	3,519	78,658	84,191	293,991	139,990	4,191	36,200	98,157	164,581	66,424	20.3	33.1
	1914	1,736	1,646	4,374	78,993	85,013	344,093	156,749	5,881	40,642	114,993	182,844	67,851	.4	11.1
New Jersey	1904	7,010	6,730	23,196	266,336	296,262	436,274	715,060	28,957	128,169	470,449	774,369	303,920	24.5	40.0
	1909	8,817	8,204	36,838	326,223	371,265	612,293	977,172	48,337	169,710	720,034	1,145,529	425,495	22.5	47.9
	1914	9,742	8,342	49,056	373,605	431,003	793,063	1,352,382	69,848	211,136	883,465	1,406,633	523,168	14.5	22.8
New Mexico	1904	199	189	224	3,478	3,891	5,948	4,638	264	2,153	2,236	5,706	3,470	39.7	40.5
	1909	313	288	335	4,143	4,766	15,405	7,743	383	2,591	3,261	7,898	4,637	19.1	38.4
	1914	368	325	493	3,776	4,594	15,668	8,984	577	2,695	4,430	9,320	4,890	− 8.9	18.0
New York	1904	37,194	41,766	98,012	856,947	996,725	1,516,592	2,031,460	111,145	430,015	1,348,603	2,488,346	1,139,743	17.9	32.9
	1909	44,935	47,569	151,691	1,003,981	1,203,241	1,997,662	2,779,497	186,032	557,231	1,856,904	3,369,490	1,512,586	17.2	35.4
	1914	48,203	48,636	182,605	1,057,857	1,289,098	2,356,655	3,334,278	242,729	631,042	2,108,607	3,814,661	1,706,054	5.4	13.2
North Carolina	1904	3,272	3,731	4,072	85,339	93,142	216,622	141,001	3,795	21,375	79,268	142,521	63,253	18.0	67.1
	1909	4,931	5,451	6,529	121,473	133,453	378,556	217,185	6,903	34,355	121,861	216,656	94,795	42.3	52.0
	1914	5,507	5,950	8,541	136,844	151,335	508,085	253,842	10,244	46,088	169,942	289,412	119,470	12.7	33.6
North Dakota	1904	507	494	296	1,755	2,545	9,873	5,704	258	1,032	7,096	10,218	3,122	29.2	63.2
	1909	752	723	636	2,789	4,148	13,196	11,585	629	1,787	13,674	19,137	5,463	58.9	87.3
	1914	699	603	749	3,275	4,627	15,062	14,213	886	2,416	14,484	21,147	6,663	17.4	10.5

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

No. 143.—SUMMARY OF MANUFACTURES: BY STATES AND GEOGRAPHIC DIVISIONS, 1904, 1909, AND 1914—Continued.

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								1,000 dollars.	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*		
Ohio	1904	13,785	13,657	39,991	364,298	417,946	1,116,932	856,989	43,435	182,429	527,637	960,812	433,175	18.2	28.3
	1909	15,138	14,719	61,351	446,934	523,004	1,583,155	1,300,733	72,147	245,450	824,202	1,437,936	613,734	22.7	49.7
	1914	15,658	13,624	82,748	510,435	606,807	2,002,780	1,677,552	105,265	318,924	1,020,782	1,782,808	762,026	14.2	24.0
Oklahoma	[1] 1904	1,123	1,187	813	5,456	7,456	29,608	16,124	718	2,799	16,394	24,459	8,065	129.1	200.7
	1909	2,310	2,698	2,193	13,143	18,034	71,139	38,873	2,045	7,240	34,153	53,682	19,529	140.9	119.5
	1914	2,518	2,464	2,793	17,443	22,700	97,308	65,478	3,202	11,011	70,970	102,006	31,036	25.9	90.0
Oregon	1904	1,602	1,726	1,769	18,523	22,018	81,348	44,023	2,133	11,443	30,597	55,525	24,928	28.1	51.7
	1909	2,246	2,499	3,473	28,750	34,722	175,019	89,082	4,047	19,902	50,552	93,005	42,453	55.2	67.5
	1914	2,320	2,189	4,431	28,829	35,449	219,222	139,500	5,683	20,932	63,258	109,762	46,504	.3	18.0
Pennsylvania	1904	23,495	26,029	66,081	763,282	855,392	2,302,398	1,995,837	73,269	367,961	1,142,943	1,955,551	812,608	15.0	18.5
	1909	27,563	29,743	94,885	877,543	1,002,171	2,921,547	2,749,006	110,897	455,627	1,582,560	2,626,742	1,044,182	15.0	34.3
	1914	27,521	28,034	108,050	924,478	1,060,562	3,549,858	3,149,411	144,610	527,953	1,688,921	2,832,349	1,143,428	5.3	7.8
Rhode Island	1904	1,617	1,561	5,420	97,318	104,299	181,017	215,901	7,041	43,113	112,872	202,110	89,238	10.3	22.1
	1909	1,951	1,721	7,382	113,538	122,641	226,740	290,901	10,577	55,234	158,192	280,344	122,152	16.7	38.7
	1914	2,190	1,883	8,801	113,425	124,109	269,854	308,445	13,256	59,366	162,425	279,546	117,121	.1	—.3
South Carolina	1904	1,399	1,241	2,389	59,441	63,071	197,479	113,422	2,355	13,869	49,969	79,376	29,407	26.4	48.8
	1909	1,854	1,737	3,257	73,046	78,040	276,378	173,221	3,756	20,361	66,351	113,236	46,885	22.9	42.7
	1914	1,885	1,815	3,964	71,914	77,693	340,224	203,211	4,878	24,173	91,009	138,891	47,882	1.5	22.7
South Dakota	1904	686	649	441	2,492	3,582	11,154	7,585	294	1,422	8,697	13,086	4,389	12.0	37.3
	1909	1,020	942	682	3,602	5,226	17,666	13,018	616	2,297	11,476	17,870	6,394	44.5	36.6
	1914	898	762	796	3,788	5,346	16,324	15,060	835	2,628	17,079	24,139	7,060	5.2	35.1
Tennessee	1904	3,175	3,805	4,910	60,572	69,287	175,780	102,440	5,081	22,806	79,352	137,961	58,609	31.8	48.7
	1909	4,609	5,415	8,417	73,840	87,672	242,277	167,924	9,186	28,251	104,016	180,217	76,201	21.9	30.6
	1914	4,775	5,142	8,999	74,373	88,514	286,857	211,423	11,829	33,083	123,430	212,071	88,641	.7	17.7
Texas	1904	3,158	3,073	5,753	49,066	57,892	164,637	115,665	6,118	24,469	91,604	150,528	58,924	27.1	62.0
	1909	4,528	4,496	9,849	70,230	84,575	282,471	216,876	10,868	37,907	178,178	272,896	94,718	43.1	81.3
	1914	5,034	4,787	11,474	74,853	91,114	335,791	283,544	14,358	44,821	253,144	361,279	108,135	6.6	32.4
Utah	1904	606	619	979	8,052	9,650	19,397	26,004	1,039	5,158	24,940	38,927	13,987	48.8	116.5
	1909	749	688	1,660	11,785	14,133	42,947	52,627	1,966	8,400	41,266	61,989	20,723	46.4	59.2
	1914	1,109	999	2,233	13,894	17,126	59,536	71,843	2,844	10,852	62,233	87,112	24,879	17.9	40.5

Vermont	1904	1,699	1,856	2,053	33,106	37,015	140,616	62,659	2,103	15,221	32,430	63,084	30,654	17.5	22.5
	1909	1,958	2,113	2,679	33,788	38,580	159,445	73,470	2,803	17,272	34,823	68,310	33,487	2.1	8.3
	1914	1,772	1,787	2,726	32,704	37,217	173,937	79,847	3,385	18,617	42,706	76,991	34,285	3.3	12.7
Virginia	1904	3,187	3,643	4,970	80,285	88,898	176,998	147,989	4,875	27,943	83,649	148,857	65,208	21.2	37.0
	1909	5,685	6,570	8,551	105,676	120,797	283,928	216,392	9,101	38,154	125,583	219,794	94,211	31.6	47.7
	1914	5,508	6,125	9,164	102,820	118,109	337,567	261,501	11,245	44,873	155,320	264,039	108,719	− 2.8	20.1
Washington	1904	2,751	2,602	3,658	45,199	51,459	168,342	96,953	4,093	30,087	66,166	128,822	62,656	43.4	81.9
	1909	3,674	3,264	7,734	69,120	80,118	297,897	222,261	9,827	49,766	117,888	220,746	102,858	52.9	71.4
	1914	3,829	3,155	8,088	67,205	78,448	399,567	277,715	11,504	51,703	136,609	245,326	108,717	− 2.8	11.1
West Virginia	1904	2,109	2,230	2,892	43,758	48,880	138,578	86,821	2,899	21,153	54,419	99,041	44,622	32.3	47.8
	1909	2,586	2,599	4,971	63,893	71,463	217,496	150,922	5,710	33,000	92,878	161,949	69,071	46.0	63.5
	1914	2,749	2,559	5,716	71,078	79,353	278,504	175,995	7,594	43,784	110,033	193,512	83,479	11.2	19.5
Wisconsin	1904	8,558	7,961	14,220	151,391	173,572	440,234	412,647	15,498	71,472	227,255	411,140	183,885	10.1	25.8
	1909	9,721	8,556	22,287	182,583	213,426	554,179	605,657	25,737	93,905	346,356	590,305	243,949	20.6	43.6
	1914	9,104	7,425	20,538	194,310	230,273	682,339	754,287	37,569	112,193	417,415	695,172	277,757	6.4	17.8
Wyoming	1904	169	150	179	1,834	2,163	3,604	2,696	206	1,261	1,301	3,523	2,222	−11.0	7.8
	1909	268	263	263	2,867	3,393	7,628	6,195	311	2,081	2,608	6,249	3,641	56.3	77.4
	1914	337	293	414	2,989	3,696	10,004	29,270	531	2,312	5,559	11,223	5,664	4.3	79.6
Total	1904	216,180	225,673	519,556	5,468,383	6,213,612	13,487,707	12,675,581	574,439	2,610,445	8,500,208	14,793,903	6,293,695	16.0	29.7
	1909	268,491	273,265	790,267	6,615,046	7,678,578	18,675,376	18,428,270	938,575	3,427,038	12,142,791	20,672,052	8,529,261	21.0	39.7
	1914	275,791	264,872	964,217	7,036,337	8,265,426	22,547,574	22,790,980	1,287,917	4,079,332	14,368,089	24,246,435	9,878,346	6.4	17.3
Geographic divisions.[2]															
New England	1904	22,279	22,698	60,258	940,752	1,023,708	2,125,815	1,870,995	72,799	439,050	1,116,273	2,025,999	909,726	10.4	22.0
	1909	25,351	24,171	86,697	1,101,290	1,212,158	2,715,121	2,503,854	112,284	557,631	1,476,297	2,670,065	1,193,768	17.1	31.8
	1914	25,193	22,493	105,512	1,140,233	1,268,238	3,125,629	2,948,040	149,017	628,409	1,657,674	2,926,676	1,269,002	3.5	9.6
Middle Atlantic	1904	67,699	74,525	187,289	1,886,565	2,148,379	4,255,264	4,742,357	213,371	926,145	2,961,995	5,218,266	2,256,271	17.6	28.1
	1909	81,315	85,516	283,414	2,207,747	2,576,677	5,531,502	6,505,675	345,266	1,182,568	4,159,498	7,141,761	2,982,263	17.0	36.9
	1914	85,466	85,012	339,711	2,355,940	2,780,663	6,699,576	7,836,071	457,187	1,370,131	4,680,993	8,053,644	3,372,651	6.7	12.8
East North Central	1904	51,754	50,531	140,829	1,224,528	1,415,888	3,120,369	2,895,446	151,992	615,643	2,045,537	3,605,368	1,559,831	14.1	26.4
	1909	60,013	57,271	215,773	1,513,764	1,786,808	4,382,070	4,547,225	250,508	827,152	3,034,472	5,211,702	2,177,230	23.6	44.6
	1914	59,896	51,857	276,750	1,680,281	2,008,888	5,464,935	5,913,681	376,181	1,073,538	3,795,039	6,542,261	2,747,222	11.0	25.5
West North Central	1904	21,492	21,394	41,032	312,361	374,787	753,700	857,904	41,303	157,843	862,011	1,284,446	422,435	17.4	32.0
	1909	27,171	26,683	63,440	374,337	464,460	1,101,990	1,171,572	69,504	204,792	1,241,855	1,803,899	562,044	19.8	40.4
	1914	27,199	27,709	75,256	381,595	484,560	1,241,940	1,424,181	93,544	235,471	1,397,841	2,032,192	634,351	2.0	12.7
South Atlantic	1904	19,564	21,745	34,633	522,611	578,989	1,221,040	930,420	34,201	175,461	550,102	974,028	423,926	14.0	36.8
	1909	28,088	30,783	52,032	663,015	745,830	1,832,001	1,368,475	57,272	244,378	790,005	1,381,186	591,181	26.9	41.8
	1914	28,925	29,749	61,415	685,342	776,506	2,274,785	1,644,539	75,019	293,063	1,003,068	1,682,999	679,931	3.4	21.9
East South Central	1904	10,311	11,449	17,214	221,229	249,892	753,928	405,361	17,417	83,942	252,156	464,336	212,180	24.8	42.8
	1909	15,381	17,208	26,485	261,772	305,465	1,036,500	586,276	29,008	102,191	336,163	630,488	294,325	18.3	35.8
	1914	14,410	14,986	28,345	264,378	307,709	1,157,367	713,357	35,434	117,987	387,011	700,668	313,657	1.0	11.1

[1] Includes Indian Territory.

[2] For States included in each division, see note 5, p. 32.

No. 143.—SUMMARY OF MANUFACTURES: BY STATES AND GEOGRAPHIC DIVISIONS, 1904, 1909, AND 1914—Continued.

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
Geographic divisions—Con.[1]								*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*		
West South Central	1904	8,279	8,299	14,871	143,470	166,640	555,717	328,996	15,190	67,128	246,832	415,232	168,400	26.5	64.6
	1909	12,339	12,944	23,438	204,520	240,902	873,350	547,739	25,382	97,646	382,131	625,443	243,312	42.6	50.6
	1914	12,417	12,018	26,310	211,940	250,268	1,010,050	687,819	32,891	116,128	526,907	802,538	275,631	3.6	28.3
Mountain	1904	3,610	3,302	5,720	52,790	61,812	241,825	220,569	7,541	39,046	152,813	254,663	101,850	18.6	32.8
	1909	5,254	4,849	9,578	75,435	89,862	400,766	348,977	12,522	56,870	228,692	363,996	135,304	42.9	42.9
	1914	6,079	5,275	11,762	81,113	98,150	463,478	469,971	16,227	66,358	272,215	437,568	165,353	7.5	20.2
Pacific	1904	11,192	11,730	17,710	164,077	193,517	460,049	423,623	20,625	106,187	312,489	551,565	239,076	33.2	51.2
	1909	13,579	13,840	29,410	213,166	256,416	802,016	848,477	36,829	153,810	493,678	843,512	349,834	29.9	52.9
	1914	16,206	15,773	39,156	235,515	290,444	1,109,814	1,153,321	52,417	178,247	647,341	1,067,889	420,548	10.5	26.6

[1] For States included in each division, see note 5, p. 32.

No. 144.—COMMERCIAL FAILURES, CALENDAR YEARS 1916, 1917, AND 1918: PERCENTAGE TO TOTAL NUMBER OF CONCERNS IN BUSINESS AND AGGREGATE LIABILITIES, BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: Dun's Review, New York, N. Y.]

State.	1916				1917				1918			
	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.
				Dollars.				*Dollars.*				*Dollars.*
Alabama	358	20,019	1.79	5,178,828	128	19,781	0.65	1,496,528	81	20,020	0.40	2,932,856
Arizona	19	2,821	.67	77,532	40	3,306	1.21	311,858	33	3,529	.94	419,804
Arkansas	187	19,236	.97	2,098,782	109	20,698	.53	714,282	99	20,637	.48	772,304
California	1,130	68,929	1.64	7,287,696	949	68,544	1.38	6,374,159	706	64,445	1.10	5,742,054
Colorado	123	18,086	.68	5,096,585	87	14,523	.60	557,399	80	14,739	.54	565,364
Connecticut	307	22,800	1.35	2,132,970	319	23,360	1.37	8,642,146	272	23,613	1.15	4,167,709
Delaware	27	4,218	.59	120,818	11	4,429	.25	70,751	17	4,417	.38	195,085
District of Columbia	47	5,986	.79	625,668	51	5,922	.86	412,766	12	5,688	.21	269,344
Florida	342	15,143	2.26	3,496,864	210	15,935	1.32	3,428,273	84	15,687	.54	1,477,905
Georgia	395	27,637	1.43	3,246,161	281	27,656	1.02	3,430,277	95	31,966	.20	1,858,458
Idaho	60	6,604	.91	1,556,462	58	6,804	.85	464,821	63	6,714	.94	314,480
Illinois	1,091	118,759	.92	12,273,118	895	119,003	.75	11,496,437	684	117,459	.58	10,803,006
Indiana	528	53,181	.99	5,362,616	385	50,113	.77	3,695,069	285	48,803	.58	5,428,854
Iowa	326	43,010	.76	2,241,549	231	41,522	.56	1,733,256	211	41,057	.51	1,312,631
Kansas	198	32,025	.62	906,002	146	34,558	.42	1,171,544	103	31,683	.33	1,210,068
Kentucky	277	30,105	.92	1,512,455	200	29,691	.67	1,695,799	126	29,926	.42	700,196
Louisiana	310	21,844	1.42	3,478,367	187	18,774	1.00	1,693,729	129	18,905	.68	814,551
Maine	220	18,906	1.16	1,994,616	151	18,882	.80	1,424,353	135	16,567	.81	1,516,696
Maryland	226	23,300	.97	2,534,981	192	23,290	.82	1,363,672	121	23,450	.52	1,224,497
Massachusetts	928	68,022	1.36	10,326,675	895	68,938	1.30	10,777,064	739	68,612	1.08	13,010,340
Michigan	290	56,043	.52	2,053,462	354	57,591	.61	4,832,688	354	57,653	.61	5,279,502
Minnesota	318	39,751	.80	2,998,162	267	40,157	.66	1,776,502	215	40,208	.53	1,888,004
Mississippi	181	16,854	1.07	2,005,172	188	15,402	1.22	1,422,724	67	15,096	.44	286,075
Missouri	509	65,427	.78	4,443,549	410	77,782	.53	4,113,434	254	64,563	.39	5,979,076
Montana	80	11,303	.71	603,700	90	11,594	.78	522,638	95	11,789	.81	880,397
Nebraska	147	22,317	.66	1,049,732	113	22,535	.50	1,087,747	63	23,465	.27	793,228
Nevada	28	2,176	1.29	226,922	26	2,236	1.16	76,636	27	2,024	1.33	110,723
New Hampshire	63	8,634	.73	223,117	49	8,569	.57	380,768	38	8,364	.45	243,919
New Jersey	411	60,557	.68	7,924,380	398	65,722	.61	8,431,446	292	65,889	.44	4,203,751
New Mexico	23	3,841	.60	465,696	17	3,965	.43	82,278	8	4,148	.19	90,334
New York	2,494	229,680	1.09	39,050,788	2,200	234,626	.94	45,726,020	1,502	235,205	.64	41,455,713
North Carolina	226	25,128	.90	3,670,695	167	25,556	.65	1,805,706	116	24,770	.47	1,425,541
North Dakota	41	11,066	.37	344,928	44	11,629	.38	555,621	28	11,528	.24	399,813
Ohio	738	100,546	.73	10,389,737	642	101,253	.63	8,660,152	569	99,797	.57	8,247,219
Oklahoma	319	26,035	1.23	2,202,813	245	26,456	.93	1,179,183	151	25,928	.58	2,012,724
Oregon	360	15,444	2.33	4,243,438	318	15,624	2.04	5,530,602	200	13,927	1.44	3,872,376

No. 144.—Commercial Failures, Calendar Years 1916, 1917, and 1918: Percentage to Total Number of Concerns in Business and Aggregate Liabilities, by States and by Geographic Divisions—Continued.

State.	1916				1917				1918			
	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.
				Dollars.				*Dollars.*				*Dollars.*
Pennsylvania	1,163	145,251	0.80	15,863,174	921	149,480	0.62	14,203,424	688	148,826	0.46	16,044,998
Rhode Island	113	9,432	1.20	586,464	105	9,524	1.10	503,488	124	9,687	1.28	683,456
South Carolina	161	13,906	1.16	1,733,457	135	13,248	1.02	1,205,300	48	13,255	.36	492,046
South Dakota	42	10,687	.39	380,725	44	11,441	.38	270,231	20	11,510	.17	126,085
Tennessee	349	24,170	1.44	6,227,729	225	24,463	.92	2,075,087	158	23,946	.66	1,996,054
Texas	588	54,791	1.07	5,936,223	431	53,941	.80	3,380,339	264	54,200	.49	2,528,783
Utah	88	6,173	1.31	735,879	92	6,342	1.45	532,403	85	6,270	1.36	410,313
Vermont	59	6,193	.95	602,544	48	7,113	.67	422,831	36	6,994	.51	263,240
Virginia	343	27,270	1.26	2,018,682	166	26,920	.62	2,222,747	113	27,236	.41	1,161,323
Washington	355	22,865	1.55	3,418,803	251	23,079	1.09	6,384,477	151	21,986	.69	4,326,221
West Virginia	152	18,591	.82	1,910,050	150	17,602	.85	2,174,387	62	18,139	.34	479,026
Wisconsin	250	50,171	.50	3,291,897	221	51,047	.43	1,861,448	169	50,857	.33	2,429,773
Wyoming	12	2,375	.50	43,593	13	2,599	.50	61,881	10	2,884	.35	184,054
Total	16,993	1,707,639	.99	196,212,256	13,855	1,733,225	.80	182,441,371	9,982	1,708,061	.58	163,019,979
Geographic divisions.[1]												
New England	1,690	133,987	1.26	15,866,386	1,567	136,386	1.15	22,150,650	1,344	133,837	1.00	19,885,360
Middle Atlantic	4,068	435,488	.93	62,838,342	3,519	449,828	.78	68,360,890	2,482	449,920	.55	61,704,462
South Atlantic	1,917	161,179	1.19	19,357,376	1,363	160,558	.85	16,113,879	668	164,608	.41	8,573,225
South Central	2,569	213,054	1.21	28,640,369	1,713	209,206	.82	13,657,671	1,075	208,658	.52	12,043,553
Central East	2,897	378,700	.76	33,370,830	2,497	379,007	.66	30,545,794	2,061	374,569	.55	32,188,354
Central West	1,581	224,283	.70	12,364,647	1,255	239,624	.52	10,713,335	894	224,014	.40	11,708,905
Western	426	53,379	.80	8,824,369	423	51,369	.82	2,609,914	401	52,097	.77	2,975,469
Pacific	1,845	107,238	1.72	14,949,937	1,518	107,247	1.42	18,289,238	1,057	100,358	1.05	13,940,651

[1] New England division: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. Middle division: New Jersey, New York, and Pennsylvania. South Atlantic division: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia. South Central division: Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas. Central East division: Indiana, Illinois, Ohio, Michigan, and Wisconsin. Central West division: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota. Western division: Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, and Wyoming. Pacific division: Washington, Oregon, and California.

No. 145.—COMMERCIAL FAILURES, QUARTERLY AND ANNUALLY, 1891 TO 1918: NUMBER, AMOUNT OF LIABILITIES, AND AVERAGE LIABILITIES.

[Source: Dun's Review, New York, N. Y.]

Calendar year.	First quarter.			Second quarter.			Third quarter.			Fourth quarter.			Total for the year.				
	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Number of business concerns.	Per cent of failures.	Amount of liabilities.	Average liabilities.
		Dollars.	*Dollars.*		*Dollars.*	*Dollars.*		*Dollars.*	*Dollars.*		*Dollars.*	*Dollars.*				*Dollars.*	*Dollars.*
1891	3,545	42,167,631	11,894	2,529	50,248,636	19,868	2,754	44,302,494	16,086	3,445	53,149,877	15,428	12,273	1,142,951	1.07	189,868,638	15,471
1892	3,384	39,284,349	11,609	2,119	22,989,331	10,844	1,984	18,659,235	9,405	2,867	33,111,252	11,549	10,344	1,172,705	.88	114,044,167	11,025
1893	3,202	47,338,300	14,784	3,199	121,541,239	37,994	4,015	82,469,821	20,540	4,826	95,430,529	19,774	15,242	1,193,113	1.28	346,779,889	22,751
1894	4,304	64,137,333	14,902	2,734	37,595,973	13,751	2,868	29,411,196	10,255	3,979	41,848,354	10,517	13,885	1,114,174	1.25	172,992,856	12,458
1895	3,802	47,813,683	12,577	2,855	41,026,261	14,370	2,792	32,167,179	11,521	3,748	52,188,937	13,924	13,197	1,209,282	1.09	173,196,060	13,124
1896	4,031	57,425,135	14,246	2,995	40,444,547	13,504	3,757	73,285,349	19,507	4,305	54,941,803	12,762	15,088	1,151,579	1.31	226,096,834	14,985
1897	3,932	48,007,911	12,210	2,889	43,684,876	15,121	2,881	25,601,188	8,884	3,649	37,038,096	10,150	13,351	1,058,521	1.26	154,332,071	11,559
1898	3,687	32,946,565	8,936	3,031	34,498,074	11,381	2,540	25,104,778	9,886	2,928	38,113,482	13,017	12,186	1,105,830	1.10	130,662,899	10,722
1899	2,772	27,152,031	9,795	2,081	14,910,902	7,165	2,001	17,640,972	8,816	2,483	31,175,984	12,556	9,337	1,147,595	.81	90,879,889	9,733
1900	2,894	33,022,573	11,411	2,438	41,724,879	17,114	2,519	27,119,996	10,766	2,923	36,628,225	12,531	10,774	1,174,300	.92	138,495,673	12,854
1901	3,335	31,703,486	9,506	2,424	24,101,204	9,943	2,324	24,756,172	10,652	2,919	32,531,514	11,145	11,002	1,219,242	.90	113,092,376	10,279
1902	3,414	33,731,758	9,869	2,747	26,643,098	9,699	2,511	25,032,634	9,969	2,939	32,069,279	10,911	11,615	1,253,172	.93	117,476,769	10,137
1903	3,200	34,344,433	10,732	2,428	32,452,827	13,366	2,548	34,858,595	13,680	3,893	53,788,330	13,824	12,069	1,281,481	.94	155,444,185	12,879
1904	3,344	48,066,721	14,374	2,870	31,424,188	10,949	2,969	32,168,296	10,835	3,016	32,543,106	10,790	12,199	1,320,172	.92	144,202,311	11,820
1905	3,443	30,162,505	8,760	2,767	25,742,080	9,303	2,596	20,329,443	7,061	2,714	26,442,144	9,743	11,520	1,357,455	.85	102,676,172	8,913
1906	3,102	33,761,107	10,883	2,510	28,902,967	11,515	2,300	21,996,163	9,563	2,770	34,541,278	12,470	10,682	1,392,949	.77	119,201,515	11,159
1907	3,136	32,075,591	10,228	2,471	37,493,071	15,173	2,483	46,467,686	18,714	3,035	81,348,877	22,379	11,725	1,418,075	.83	197,385,225	16,834
1908	4,909	75,706,191	15,448	3,800	48,668,642	12,805	3,457	55,302,690	15,997	3,524	42,638,161	12,099	15,690	1,447,554	1.08	222,315,684	14,169
1909	3,850	44,460,950	11,548	2,981	44,080,423	14,787	2,836	29,094,498	10,259	3,257	36,967,594	11,350	12,924	1,486,389	.87	154,603,465	11,963
1910	3,585	73,079,154	20,732	2,863	39,160,152	13,678	3,011	42,177,998	14,008	3,253	47,339,793	14,552	12,652	1,515,143	.83	201,757,097	15,947
1911	3,985	59,651,761	14,969	3,076	44,046,590	14,319	2,880	35,167,269	12,211	3,500	52,196,045	14,913	13,441	1,525,024	.88	191,061,665	14,215
1912	4,828	63,012,323	13,051	3,489	44,999,900	12,898	3,499	45,532,137	13,013	3,636	49,573,031	13,634	15,452	1,504,279	.98	203,117,391	13,145
1913	4,458	76,832,277	17,235	3,705	56,076,784	15,135	3,549	63,837,315	17,987	4,324	75,936,913	17,562	16,037	1,616,517	.99	272,672,288	17,004
1914	4,826	83,221,826	17,265	3,717	101,877,904	27,410	4,298	86,818,291	20,200	5,439	85,990,838	15,810	18,280	1,655,496	1.10	357,908,859	19,579
1915	7,216	105,703,355	14,648	5,524	82,844,200	15,004	4,548	52,876,525	11,626	4,868	60,822,068	12,494	22,156	1,674,486	1.32	302,286,148	13,644
1916	5,387	61,492,746	11,415	4,108	49,748,675	12,110	3,755	43,345,286	11,543	3,743	41,625,549	11,120	16,993	1,707,639	.99	196,212,256	11,547
1917	3,937	52,307,099	13,286	3,551	42,414,257	11,944	3,249	47,228,682	14,536	3,118	40,491,333	12,986	13,855	1,733,225	.80	182,441,371	13,168
1918	3,300	49,780,300	15,085	2,589	38,013,262	14,683	2,180	35,181,462	16,139	1,913	40,044,955	20,933	9,982	1,708,061	.58	163,019,979	16,331

No. 146.—FAILURES IN MANUFACTURING, TRADING, ETC., CALENDAR YEAR 1918: BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: Dun's Review, New York, N. Y.]

State.	Manufacturing.		Trading.		Other.		Total.		
	No.	Liabilities.	No.	Liabilities.	No.	Liabilities.	No.	Assets.	Liabilities.
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*	*Dollars.*
Alabama	12	2,224,618	66	622,621	3	85,617	81	2,251,730	2,932,856
Arizona	2	16,312	27	225,334	4	178,158	33	252,548	419,804
Arkansas	9	268,329	80	387,427	10	116,548	99	628,618	772,304
California	165	2,072,529	501	3,258,081	40	411,444	706	2,977,106	5,742,054
Colorado	20	109,325	50	377,111	10	78,928	80	312,193	565,364
Connecticut	73	2,022,135	186	1,812,074	13	333,500	272	2,567,914	4,167,709
Delaware	3	139,235	10	41,419	4	14,431	17	51,023	195,085
District of Columbia	5	86,318	5	65,026	2	118,000	12	134,015	269,344
Florida	15	936,641	66	433,529	3	107,735	84	1,376,619	1,477,905
Georgia	12	1,215,842	78	563,278	5	79,338	95	1,505,417	1,858,458
Idaho	9	61,661	53	251,919	1	900	63	265,348	314,480
Illinois	229	5,596,246	408	4,097,531	47	1,109,229	684	5,062,458	10,803,006
Indiana	60	3,631,254	190	1,051,471	35	746,129	285	3,635,231	5,428,854
Iowa	35	294,132	169	994,858	7	23,641	211	735,921	1,312,631
Kansas	20	254,323	77	417,328	6	538,417	103	882,549	1,210,068
Kentucky	18	149,535	99	495,731	9	54,930	126	469,880	700,196
Louisiana	14	390,684	108	389,039	7	34,828	129	525,956	814,551
Maine	37	527,214	87	390,867	11	598,615	135	782,392	1,516,696
Maryland	33	590,450	75	563,905	13	70,142	121	959,641	1,224,497
Massachusetts	309	5,002,329	356	3,208,329	74	4,799,682	739	4,982,860	13,010,340
Michigan	100	2,215,814	236	2,809,763	18	253,925	354	3,829,774	5,279,502
Minnesota	46	492,208	152	1,259,655	17	136,141	215	1,256,847	1,888,004
Mississippi	7	17,219	60	268,856	.....	.....	67	174,025	286,075
Missouri	54	3,991,831	184	1,247,926	16	739,319	254	3,443,567	5,979,076
Montana	20	181,727	72	641,106	3	57,564	95	868,714	880,397
Nebraska	12	157,895	49	626,823	2	8,510	63	494,629	793,228
Nevada	3	7,250	24	103,473	.....	.....	27	56,224	110,723
New Hampshire	11	69,174	25	162,223	2	12,522	38	117,419	243,919
New Jersey	115	1,934,660	153	1,639,666	24	629,425	292	2,698,013	4,203,751
New Mexico	1	2,000	7	88,334	.....	.....	8	86,045	90,334

New York	575	19,192,124	790	8,614,578	137	13,649,011	1,502	24,374,651	41,455,713
North Carolina	21	507,814	94	916,527	1	1,200	116	1,223,929	1,425,541
North Dakota	5	46,963	23	352,850	.....	.....	28	272,976	399,813
Ohio	184	5,009,824	343	2,809,165	42	428,230	569	7,666,573	8,247,219
Oklahoma	10	958,441	129	853,059	12	201,224	151	1,797,039	2,012,724
Oregon	78	1,090,902	105	1,419,206	17	1,362,268	200	3,220,010	3,872,376
Pennsylvania	182	6,782,560	452	7,986,708	54	1,275,730	688	9,349,448	16,044,998
Rhode Island	45	294,270	72	360,651	7	28,535	124	348,086	683,456
South Carolina	6	115,719	40	371,102	2	5,225	48	365,914	492,046
South Dakota	3	7,361	17	118,724	.....	.....	20	60,714	126,085
Tennessee	31	986,322	122	884,217	5	125,525	158	1,524,916	1,996,064
Texas	31	531,750	222	1,839,201	11	157,832	264	1,097,129	2,528,783
Utah	13	91,132	69	248,657	3	70,524	85	260,649	410,313
Vermont	16	201,705	16	53,815	4	7,720	36	177,340	263,240
Virginia	23	247,422	84	483,755	6	420,146	113	815,976	1,151,323
Washington	42	1,396,941	93	773,061	16	2,156,219	151	3,368,975	4,326,221
West Virginia	8	150,029	49	228,531	5	100,466	62	369,450	479,026
Wisconsin	43	1,108,025	113	1,041,933	13	279,815	169	1,801,834	2,429,773
Wyoming	1	3,500	8	60,528	1	120,026	10	157,513	184,054
Total	2,766	73,381,694	6,494	57,910,971	722	31,727,314	9,982	101,637,798	163,019,979
Geographic divisions.[1]									
New England	491	8,116,827	742	5,987,959	111	5,780,574	1,344	8,976,011	19,885,360
Middle Atlantic	872	27,909,344	1,395	18,240,952	215	15,554,166	2,482	36,422,112	61,704,462
South Atlantic	126	3,989,470	501	3,667,072	41	916,683	668	6,801,984	8,573,225
South Central	132	5,526,898	886	5,740,151	57	776,504	1,075	8,469,293	12,043,553
Central East	616	17,561,163	1,290	11,809,863	155	2,817,328	2,061	21,995,870	32,188,354
Central West	175	5,244,713	671	5,018,164	48	1,446,028	894	7,147,203	11,708,905
Western	69	472,907	310	1,996,462	22	506,100	401	2,259,234	2,975,469
Pacific	285	4,560,372	699	5,450,348	73	3,929,931	1,057	9,566,091	13,940,651

[1] For States included in each division, see note 1, p. 226.

No. 147.—OLEOMARGARINE: Production on Which Internal-Revenue Tax was Paid, Years Ended June 30, 1915 to 1918, by States.

[Source: Reports of the Commissioner of Internal Revenue, Treasury Department.]

State.	1915		1916		1917		1918	
	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.
	Pounds.	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*
California	.....	.....	.....	.....	.....	.....	123,920	497.00
Colorado	505,650	4,691.25	461,700	4,457.25	1,115,550	5,231.25	1,443,050	4,490.00
Connecticut	.....	.....	50,000	5,000.00	.....	.....	1,111	111.10
Georgia	8,250	825.00	3,049	304.90	.....	.....	.....	.....
Illinois	100,379,921	472,217.57	100,526,176	463,344.82	146,656,041	583,774.30	196,610,328	680,459.37
Indiana	1,009,060	7,013.50	1,079,225	7,692.50	1,979,146	12,030.88	1,730,302	9,883.13
Iowa	.....	.....	.....	.....	.....	.....	638	63.80
Kansas	8,545,803	46,881.33	8,570,342	51,144.83	13,098,752	95,513.48	18,892,740	153,190.95
Kentucky	22	2.16	199	19.90	4,157	415.67	.....	.....
Louisiana	8,800	880.00	.....	.....	21	2.10	.....	.....
Maryland	311,790	3,879.00	307,455	3,621.00	485,498	7,677.02	1,109,288	13,892.12
Massachusetts	1,286,000	3,215.00	2,170,700	5,426.75	3,625,300	9,063.25	5,685,200	14,213.00
Michigan	146,900	364.75	196,230	513.00	153,000	382.50	70,000	175.00
Minnesota	1,193,700	2,984.25	1,268,600	3,171.50	2,452,400	6,131.00	5,709,400	14,273.50
Missouri	4,143,206	50,429.15	5,264,820	46,225.47	6,795,890	86,781.54	9,516,094	80,349.40
Nebraska	1,043,400	2,608.50	1,155,200	2,888.00	2,657,800	6,644.50	3,472,340	8,690.60
New Hampshire	.....	.....	.....	.....	.....	.....	35,166,534	123,902.22
New Jersey	8,162,176	29,506.44	9,733,080	28,560.30	20,207,340	72,159.84	3,160,006	7,900.60
New York	.....	.....	238,422	23,842.20	56,904	148.11	30,473,358	91,983.27
Ohio	14,127,979	144,016.04	14,884,154	99,341.09	23,666,099	107,435.42	12,473,078	31,183.67
Oregon	.....	.....	.....	.....	.....	.....	24,000	60.00
Pennsylvania	.....	.....	.....	.....	.....	.....	14,451	90.24
Rhode Island	1,484,082	4,906.53	3,150,920	7,877.30	6,836,478	17,101.92	.....	.....
Tennessee	210	21.00	.....	.....	.....	.....	2,799,400	24,743.50
Texas	872,000	13,470.50	667,800	9,177.00	1,572,000	14,187.00	.....	.....
Virginia	1,105	44.59	133	13.30	.....	.....	.....	.....
West Virginia	2,684	268.40	.....	.....	.....	.....	7,699,572	19,248.93
Wisconsin	46,992	117.48	795,520	1,988.80	1,280,800	3,202.00	170,000	425.00
Total	[1]143,268,730	788,342.44	[2]150,523,725	764,699.91	[3]232,643,176	1,027,881.78	[4]336,344,810	1,279,831.40

[1] Includes 4,412,006 pounds, at 10 cents, and 138,856,724 pounds, at one-fourth of 1 cent per pound.
[2] Includes 3,983,493 pounds, at 10 cents, and 146,540,232 pounds, at one-fourth of 1 cent per pound.
[3] Includes 4,577,168 pounds, at 10 cents, and 228,066,008 pounds, at one-fourth of 1 cent per pound.
[4] Includes 4,502,250 pounds, at 10 cents, and 331,842,560 pounds, at one-fourth of 1 cent per pound.

No. 148.—BEET AND CANE SUGAR AND MOLASSES: Quantities Produced in the United States, 1852 to 1919.

[Sources: Cane sugar, beginning with 1903–4, from Willett & Gray. All other figures of cane-sugar and molasses production are those of A. Bouchereau, New Orleans, except that for census years and 1898–99 they are those of the Census Bureau. Beet-sugar production for 1897–98, and for 1901–2 and later years from reports of the Department of Agriculture; for other years from Willett & Gray.]

Year ended March—	Cane sugar.			Beet sugar.	Molasses.[1]		
	Louisiana.	Other Southern States.	Total.		Louisiana.	Other Southern States.	Total.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Gallons.*	*Gallons.*	*Gallons.*
1852–1860[2]	313,341,526	17,885,898	331,227,423	.....	20,032,717	1,065,213	21,097,930
1861–1870[2]	126,543,173	5,881,700	132,429,873	[3]896,000	8,048,261	951,954	9,000,215
1871–1880[2]	159,125,435	8,975,100	168,100,535	851,260	11,096,738	1,213,302	12,310,040
1881–1890[2]	267,329,687	14,671,600	282,001,287	2,353,568	14,737,034	3,800,728	18,537,762
1891–1895[2]	527,509,180	13,775,473	541,284,654	27,272,060	21,277,179	6,124,752	27,401,930
1896–1900[2]	547,151,486	10,328,461	557,479,947	95,243,615	20,661,216	6,431,452	27,092,662
1901–1905[2]	661,464,086	20,172,453	681,636,489	388,724,619	26,953,377	7,718,527	34,671,902
1906–1910[2]	707,840,000	[4]27,776,000	735,616,000	879,405,532	24,982,244	6,264,496	31,246,748
1911–1915[2]	553,825,664	16,432,192	570,257,856	1,363,067,200	25,540,900	10,804,632	36,345,535
1915–16[5]	275,000,320	[4]2,240,000	277,240,320	1,748,440,000	13,563,180	13,716,000	27,279,768
1916–17[5]	607,799,000	[4]14,000,000	621,799,360	1,641,314,000	58,890,448	.....	79,464,448
1917–18[5]	487,197,760	[4]4,500,160	491,697,920	1,530,414,000	41,001,811	.....	62,001,811
1918–19[5]	546,862,400	[4]7,000,000	553,862,400	1,510,126,000	.....	.....	.....

[1] All figures for molasses, except those for 1898–99, include sirup. [3] 1864 to 1870. [4] Texas only.
[2] Average for the period. [5] Preliminary figures for cane sugar and molasses; also for beet sugar in 1917–18.

No. 149.—SUGAR, MOLASSES, AND SIRUP MADE IN FACTORIES FROM SUGAR CANE AND SUGAR BEETS FROM THE CROP OF 1914: QUANTITIES AND VALUES.

[Source: Reports of the Bureau of the Census, Department of Commerce. The statistics include the output of factories engaged in manufacturing sugar from cane and from beets, but does not include sirup manufactured in factories engaged exclusively in making sirup, nor small quantities of sugar and sirup made on farms from cane and from maple sap.]

Item.	Cane sugar.	Beet sugar.	Total.
Sugar:			
Pounds	529,601,993	1,486,947,807	2,016,549,800
Value	$18,947,683	$58,590,466	$77,538,149
Molasses:			
Gallons	20,675,260	26,461,291	47,136 551
Value	$2,021,517	$1,536,192	$3,557,709
Sirup:			
Gallons	2,420,633	.....	2,420,633
Value	$609,696	.....	$609,696

No. 150.—SUGAR BEETS AND BEET SUGAR: BEETS AND BEET SUGAR PRODUCED IN THE UNITED STATES, 1903 TO 1915, AND IN 1916 AND 1917, BY STATES.

[Source: Reports of the Department of Agriculture.]

Year of beet crop and State.[1]	Number of factories.	Average length of campaign.	Sugar made (chiefly refined).	Sugar beets used.				Analysis of beets.		Recovery of sucrose.[4]		Loss.[5]
				Area harvested.	Average yield per acre.	Quantity worked.	Average price per ton.	Percentage of sucrose.[2]	Purity coefficient.[3]	Percentage of weight of beets.	Percentage of total sucrose in beets.	
	Number.	*Days.*	*Short tons.*	*Acres.*	*Short tons.*	*Short tons.*	*Dolls.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*
1903	49	75	240,604	242,576	8.56	2,076,494	4.97	15.1	.....	11.59	76.75	3.51
1904	48	78	242,113	197,784	10.47	2,071,539	[6] 4.95	15.3	83.10	11.69	76.41	3.61
1905	52	77	312,921	307,364	8.67	2,665,913	[6] 5.00	15.3	83.00	11.74	76.73	3.56
1906	63	105	483,612	376,074	11.26	4,236,112	[6] 5.10	14.9	82.20	11.42	76.64	3.48
1907	63	89	463,628	370,984	10.16	3,767,871	[6] 5.20	15.8	83.60	12.30	77.85	3.50
1908	62	74	425,884	364,913	9.36	3,414,891	[6] 5.35	15.74	83.50	12.47	79.22	3.27
1909	65	83	512,469	420,262	9.71	4,081,382	.....	16.10	84.10	12.56	78.01	3.54
1910	61	83	510,172	398,029	10.17	4,047,292	.....	16.35	84.35	12.61	77.13	3.74
1911	66	94	599,500	473,877	10.68	5,062,333	5.50	15.89	82.21	11.84	74.51	4.05
1912	73	86	692,556	555,300	9.41	5,224,377	5.82	16.31	84.49	13.26	81.12	3.05
1913	71	85	723,401	580,006	9.76	5,659,462	5.69	15.78	83.22	12.96	82.13	2.82
1914	60	85	722,054	483,400	10.9	5,288,500	5.45	16.38	83.89	13.65	83.83	2.73
1915	67	92	874,220	611,301	10.1	6,150,293	5.67	16.49	84.38	14.21	86.17	2.28
1916.												
California	11	108	236,322	141,097	10.37	1,462,895	6.30	18.35	84.13	16.15	88.01	2.20
Colorado	14	102	252,147	188,568	10.25	1,933,591	6.06	15.00	85.79	13.04	86.93	1.96
Idaho	5	86	45,874	42,135	7.87	331,478	6.16	16.95	86.39	13.84	81,65	3.11
Michigan	15	49	69,341	99,619	5.05	502,705	6.14	16.37	85.22	13.79	84.24	2.58
Ohio	4	45	18,234	24,767	5.56	137,696	6.83	15.89	83.36	13.24	83.32	2.65
Utah	11	95	90,277	68,211	10.38	708,237	5.73	16.05	84.79	12.75	79.44	3.30
Other States	14	66	108,462	100,911	8.35	843,071	6.18	15.69	82.67	12.87	82.03	2.82
United States	74	80	820,657	665,308	8.90	5,919,673	6.12	16.30	84.74	13.86	85.03	2.44
1917.												
California	14	92	209,325	161,909	8.16	1,321,716	7.60	18.48	82.09	15.84	85.71	2.64
Colorado	15	91	234,303	161,476	10.84	1,749,875	7.28	15.40	85.16	13.39	86.95	2.01
Idaho	7	70	38,376	37,745	7.59	286,446	7.06	16.74	84.84	13.40	80.05	3.34
Michigan	14	53	64,247	82,151	5.62	461,721	8.04	16.28	86.57	13.91	85.44	2.37
Ohio	5	70	24,467	24,234	8.36	202,624	7.18	16.24	86.25	12.08	74.38	4.16
Utah	15	82	83,662	80,289	8.68	696,522	7.04	15.61	82.27	12.01	76.94	3.60
Other States[7]	21	60	110,827	116,993	7.75	906,641	7.37	15.17	81.87	12.22	80.55	2.95
United States	91	74	765,207	664,797	8.46	5,625,545	7.39	16.28	83.89	13.60	83.54	2.68

[1] Acreage and production of beets are credited, as in former reports, to the State in which the beets were made into sugar.
[2] Based upon weight of beets.
[3] Percentage of sucrose (pure sugar) in the total soluble solids of the beets.
[4] Percentage of sucrose actually extracted by factories.
[5] Percentage of sucrose (based upon weight of beets) remaining in molasses and pulp.
[6] Senate Document No. 22, Sixty-first Congress, first session.
[7] Includes 4 factories in Nebraska, 4 in Wisconsin, 2 in Montana, 3 in Wyoming, and 1 each in Illinois, Indiana, Minnesota, Iowa, Kansas, Nevada, Oregon, and Washington.

No. 151.—FERMENTED LIQUORS AND DISTILLED SPIRITS PRODUCED, AND DISTILLED SPIRITS TAX PAID FOR CONSUMPTION: QUANTITIES[1] AND KINDS, 1898 TO 1918.

[Source: Reports of the Commissioner of Internal Revenue, Treasury Department.]

Year ended June 30—	Production of distilled spirits, exclusive of brandy distilled from fruit.[2]									Production of fermented liquors.	Production of fruit brandy, including apple, peach, and grape.	Total production of distilled spirits.	Distilled spirits other than fruit brandy [tax paid for consumption].
	Bourbon whisky.	Rye whisky.	Alcohol.	Rum.	Gin.	High wines.	Pure, neutral, or cologne spirits.	Miscellaneous.	Total.				
	Tax. galls.	*Tax. galls.*	*Tax. galls.*	*Tax. galls.*	*Tax. galls.*	*Tax. galls.*	*Tax. galls.*	*Tax. galls.*	*Tax. galls.*	*Barrels.*[3]	*Tax. galls.*	*Tax. galls.*	*Tax. galls.*
1898	13,439,459	8,818,240	11,672,795	1,340,547	1,267,579	174,124	20,613,205	23,436,264	80,762,213	[4]37,529,339	2,906,198	83,668,411	78,353,301
1899	17,256,331	10,792,565	11,974,354	1,494,379	1,266,823	420,833	25,876,229	27,983,051	97,064,565	[4]36,697,634	3,097,769	100,162,334	83,819,314
1900	19,411,829	14,296,568	10,735,771	1,614,514	1,597,081	249,743	24,173,671	33,405,523	105,484,700	[4]39,471,593	3,760,487	109,245,187	93,500,840
1901	26,209,804	18,263,709	10,775,117	1,724,582	1,636,299	454,627	30,228,804	35,227,657	124,520,599	[4]40,614,258	4,047,602	128,568,201	99,267,752
1902	20,336,250	21,587,221	11,483,305	2,202 047	1,752,281	341,222	37,429,734	33,491,342	128,623,402	[4]44,550,127	4,220,400	132,843,802	103,401,447
1903	26,068,555	22,407,053	12,034,127	2,247,907	1,913,404	286,433	54,620,400	22,198,323	141,776,202	[4]46,720,179	6,430,673	148,206,875	112,905,399
1904	20,247,089	18,371,345	11,486,082	1,801,179	2,110,216	309,990	57,997,506	21,988,545	134,311,952	[4]48,265,168	5,193,262	139,505,214	116,148,344
1905	26,742,168	20,410,422	11,610,799	1,791,987	2,187,709	192,067	60,944,811	23,930,831	147,810,794	[4]49,522,029	5,448,584	153,259,378	116,143,732
1906	24,968,943	21,469,720	11,173,614	1,730,102	2,323,289	179,313	59,626,733	24,194,411	145,666,125	[4]54,724,553	4,444,072	150,110,197	122,732,822
1907	33,090,791	23,550,196	16,123,379	2,022,407	2,947,688	124,935	60,802,852	29,911,665	168,573,913	[4]58,622,002	6,138,305	174,712,218	134,142,074
1908	14,120,484	13,587,868	16,849,154	1,895,922	2,756,753	50,062	50,935,821	26,793,676	126,989,740	[4]58,814,033	6,899,823	133,889,563	119,808,402
	Whisky.	Rum.	Gin.	High wines.	Alcohol.	Commercial alcohol.	Total.						
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax galls.*[1]						
1909	70,152,175	1,952,374	2,483,743	221,277	42,563,103	16,078,083	133,450,755	[4]56,364,360		6,440,858	139,891,613	114,693,578	
1910	82,463,894	2,253,950	2,985,435	206,534	50,703,846	17,623,867	156,237,526	[4]59,544,775		7,656,434	163,893,960	126,384,727	
1911	100,647,155	2,631,059	3,345,371	165,018	24,408,462	[5]44,205,330	175,402,395	[4]63,283,123		7,953,132	183,355,527	132,058,636	
1912	98,209,574	2,832,516	3,577,862	131,002	27,629,346	[5]45,869,685	178,249,985	[4]62,176,694		9,321,823	187,571,808	133,259,148	
1913	99,615,828	2,750,846	4,014,601	90,294	30,320,894	[5]48,560,920	185,353,383	[4]65,324,876		8,252,875	193,606,258	140,289,425	
1914	88,698,797	3,026,085	4,012,542	26,484	31,715,199	[5]47,132,535	174,611,645	[4]66,189,473		7,307,897	181,919,542	136,269,753	
1915	44,552,490	2,844,313	3,636,285	33,354	38,325,049	[5]42,742,161	132,134,152	[4]59,808,210		8,521,951	140,656,103	121,498,325	
1916	59,240,672	2,986,940	4,118,064	59,246	121,799,942	[5]60,919,058	249,123,922	[4]58,633,624		4,159,351	253,283,273	133,025,969	
1917	57,651,834	2,842,922	5,756,667	167,267	145,535,791	[5]65,879,886	277,834,367	[4]60,817,379		8,251,097	286,085,464	160,740,211	
1918	17,383,511	1,526,743	4,178,538	23,818	125,134,648	[5]25,229,215	173,476,474	[4]50,266,216		5,357,325	178,833,799	87,787,823	

[1] With respect to units of quantity, see explanation of terms, p. XVI.
[2] In 1909 and 1910 as classified by Internal Revenue Circular No. 723, embodying opinion of Attorney General as to names of spirits; in later years as classified by Internal Revenue Circular No. 737, embodying opinion of the President, dated Dec. 27, 1909.
[3] Of not more than 31 gallons.
[4] Includes fermented liquors removed from breweries for export free of tax.
[5] Neutral and cologne spirits.

No. 152.—DISTILLED SPIRITS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1913 TO 1918.

[Source: Reports of the Commissioner of Internal Revenue, Treasury Department.]

State.	1913	1914	1915	1916	1917	1918
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]
Alabama and Mississippi	122,427	144,612	81,891	.....	.....	.....
Arkansas	113,103	76,590	31,438	178	.....	.....
California and Nevada	11,076,156	11,683,955	14,735,978	11,845,251	17,851,482	14,023,646
Colorado and Wyoming	.....	.....	57	104	260	26
Connecticut	151,714	160,406	142,853	127,215	132,054	26,451
Rhode Island	4,212	2,234	944	237	224	2,845
Florida	141,177	107,882	142,389	2,715	.....	.....
Georgia	218	.....	.....	.....	.....	.....
Hawaii	30,934	19,751	18,666	13,672	14,015	3,935
Illinois	43,964,336	41,628,073	33,265,472	66,808,865	79,320,617	49,689,080
Indiana	28,552,317	24,938,524	19,073,089	51,108,395	43,361,276	15,830,930
Kentucky	43,404,841	37,919,422	13,941,412	33,254,130	36,441,778	12,608,437
Louisiana and Mississippi	11,322,848	10,720,023	12,974,076	23,291,661	26,545,833	24,406,539
Maryland and two counties in Virginia	6,007,113	5,022,489	2,602,767	3,327,842	24,965,321	26,746,386
District of Columbia	635,023	761,401	620,729	1,664,389	608,812	749,517
Massachusetts	5,066,211	7,346,829	7,910,430	11,609,189	12,511,238	10,873,375
Michigan	2,004,580	1,070,650	1,902,013	2,575,375	819,908	752,745
Missouri	530,028	329,606	289,881	194,172	289,660	79,527
Montana, Idaho, and Utah	.....	34,854	19,191	52,386	244,772	186,248
Nebraska	2,214,558	2,109,018	1,659,946	2,476,219	2,938,594	.....
New Hampshire, Maine, and Vermont	678	1,064	4,693	.....	.....	.....
New Jersey	70,786	75,888	95,779	56,158	54,494	51
New Mexico and Arizona	1,873	263	555	296	315	.....
New York	10,057,414	10,444,779	10,717,299	13,802,024	13,856,054	10,544,901
North Carolina	2,208	242	1,114	.....	.....	.....
Ohio	11,268,793	10,882,800	7,487,799	12,448,348	10,114,573	3,314,103
Oregon	259	153	.....	.....	.....	.....
Pennsylvania	11,679,566	12,105,662	8,954,580	14,408,130	12,190,764	7,293,914
South Carolina	548,614	82,342	836,259	1,179,890	1,159,309	943,568
Tennessee	1,956	.....	.....	.....	.....	.....
Texas	622	.....	.....	.....	13,905	7,281
Virginia	1,437,649	1,478,352	1,010,556	547,560	122,957	.....
Washington and Alaska	448,963	21,223	270	392	.....	.....
West Virginia	296,403	268,111	.....	.....	.....	.....
Wisconsin	2,448,678	2,482,344	2,133,977	2,428,480	2,527,249	759,294
Total	193,606,258	181,919,542	140,656,103	253,283,273	286,085,464	178,833,799

[1] See explanatory notes, p. XV.

NOTE.—There was no production of distilled spirits during the fiscal year 1918 in the following States and Territories: Alabama, Alaska, Arizona, Arkansas, Colorado, Delaware, Florida, Georgia, Idaho, Iowa, Kansas, Maine, Minnesota, Mississippi, Nebraska, Nevada, New Hampshire, New Mexico, North Carolina, North Dakota, Oklahoma, South Dakota, Tennessee, Utah, Vermont, Virginia, and Washington.

No. 153.—FERMENTED LIQUORS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1913 TO 1918.

[Source: Reports of the Commissioner of Internal Revenue, Treasury Department.]

State.	1913	1914	1915	1916	1917	1918
	Barrels.[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]
Alabama	44,945	45,426	35,659	.....	.....	.....
Alaska	5,891	8,983	5,912	6,590	8,728	3,705
Arizona	20,410	21,235	8,535	2,510	122	.....
Arkansas	10,550	10,950	10,827	6,004	.....	.....
California	1,335,449	1,390,890	1,281,951	1,382,589	1,542,876	1,489,880
Colorado	389,472	374,853	326,138	163,544	707	966
Connecticut	786,267	786,272	760,502	909,114	1,019,572	883,898
Delaware	145,895	137,820	125,599	132,530	158,705	146,183
District of Columbia	266,580	280,944	169,973	122,285	161,791	47,527
Florida	25,500	25,455	29,983	28,218	29,463	14,617
Georgia	141,620	142,430	110,073	80,387	.....	.....
Hawaii	25,348	31,935	35,194	40,858	44,781	22,563
Idaho	27,213	20,545	23,796	11,830	.....	.....
Illinois	6,656,823	6,987,568	6,269,757	5,955,231	6,223,097	4,925,066
Indiana	1,699,281	1,769,038	1,568,028	1,436,099	1,548,615	933,232
Iowa	484,088	503,370	472,764	210,498	.....	.....
Kansas and Oklahoma	.....	20	.....	.....	.....	.....
Kentucky	821,640	858,515	763,112	672,417	673,272	550,583
Louisiana and Mississippi	542,156	524,965	502,811	547,014	514,361	436,227
Maine	360	1,631	590	104	866	1,803
Maryland and two counties in Virginia	1,139,620	1,177,744	1,116,811	1,119,896	1,164,121	1,041,515
Massachusetts	2,541,615	2,521,618	2,378,437	2,450,411	2,518,887	2,218,816
Michigan	2,008,371	2,113,494	1,929,472	2,154,802	2,338,521	1,534,163
Minnesota	1,638,452	1,749,555	1,643,108	1,511,916	1,539,321	1,068,073
Missouri	4,170,085	4,142,160	3,567,763	3,344,092	3,434,174	2,880,964
Montana	268,851	288,247	241,642	276,567	319,313	271,836
Nebraska	442,388	453,640	425,919	412,924	362,354	.....
Nevada	15,420	17,580	17,558	14,515	14,869	14,625
New Hampshire	289,010	283,100	282,027	279,124	268,564	166,115
New Jersey	3,531,616	3,495,594	3,219,685	3,278,613	3,402,420	2,927,442
New Mexico	8,756	8,637	9,168	9,850	9,657	6,295
New York	13,956,878	14,040,387	13,180,111	12,732,529	13,198,400	11,325,413
Ohio	5,150,187	5,147,419	4,622,581	4,844,239	5,458,868	4,825,373
Oklahoma	178	.....	13	55	187	106
Oregon	222,888	212,276	181,272	106,260	6,265	.....
Pennsylvania	7,959,509	8,008,786	7,166,300	7,634,211	8,174,457	7,315,640
Rhode Island	701,630	691,784	621,977	650,775	680,558	669,255
South Carolina	3,362	4,607	3,767	812	.....	.....
South Dakota	44,352	44,557	43,052	43,403	50,636	.....
Tennessee	278,882	225,928	89,573	48,548	32,999	.....
Texas	744,911	740,502	661,867	706,910	755,582	550,643
Utah	140,648	149,715	130,121	139,112	164,126	24,156
Virginia	208,511	197,035	164,517	153,806	54,182	299
Washington	876,772	965,562	876,962	468,073	.....	.....
West Virginia	371,017	342,942	.....	.....	.....	.....
Wisconsin	5,171,179	5,278,989	4,718,431	4,525,027	4,919,014	3,935,672
Wyoming	15,300	15,425	14,872	19,332	22,948	33,565
Total[2]	65,324,876	66,189,473	59,808,210	58,633,024	60,817,379	50,266,216

[1] Of not more than 31 gallons.

[2] Includes quantities removed from breweries for export free of tax, as follows: 1912, 68,061 barrels; 1913, 79,332 barrels; 1914, 84,028 barrels; 1915, 61,509 barrels; 1916, 69,116 barrels; 1917, 87,870 barrels; 1918, 91,422 barrels.

No. 154.—LEAF TOBACCO HELD BY MANUFACTURERS AND DEALERS: QUANTITIES, BY TYPE, ON APR. 1 AND OCT. 1, 1916 TO 1918.[1]

[Source: Bureau of the Census, Department of Commerce.]

Type.	Apr. 1—			Oct. 1—		
	1916	1917	1918	1916	1917	1918
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Imported types	60,228,041	49,231,462	66,869,280	58,290,911	50,705,516	69,908,648
CHEWING, SMOKING, SNUFF, AND EXPORT TYPES.						
Burley	319,436,475	323,191,432	306,636,700	199,321,165	207,593,654	190,137,019
Dark district of Kentucky and Tennessee:						
Dark fired as grown in Clarksville, Hopkinsville, and Paducah districts	148,132,869	219,285,905	144,956,609	122,368,324	128,010,509	197,106,700
Henderson	12,087,068	19,008,080	25,387,230	4,649,242	16,422,702	22,886,193
Green River	55,266,237	65,321,153	73,020,908	34,344,199	49,484,116	59,960,479
One Sucker	29,689,581	44,117,005	47,316,752	16,702,064	18,561,754	35,901,332
Total	245,175,755	347,732,143	290,681,499	178,063,829	212,479,081	315,854,704
Virginia sun cured	11,758,277	9,168,844	7,427,465	7,285,760	4,863,174	6,320,142
Virginia dark	57,562,228	55,026,657	56,571,083	38,756,459	45,236,108	41,809,710
Bright yellow district of Virginia, North Carolina, and South Carolina	358,238,479	297,701,301	397,511,209	268,129,978	349,936,059	341,500,422
Maryland	6,457,050	9,050,470	15,258,901	10,644,472	18,226,868	18,369,067
Eastern Ohio export	2,749,881	1,947,015	3,742,230	1,890,371	1,939,089	4,984,941
All other domestic, including Louisiana perique	482,084	613,913	477,746	360,473	404,196	360,968
Total chewing, etc.	1,001,860,229	1,044,431,775	1,078,306,833	704,452,507	840,678,229	920,336,973
CIGAR TYPES.						
New England, including Connecticut:						
Broad leaf	33,688,942	28,619,683	26,475,846	29,884,371	25,397,452	23,344,272
Havana seed	31,437,832	29,515,296	34,115,711	22,731,599	25,810,398	26,661,965
Shade grown	2,604,780	3,463,083	6,280,781	1,913,003	2,833,053	4,593,710
Total	67,731,554	61,598,062	66,872,338	54,528,973	54,040,903	54,599,947
New York	6,305,286	3,634,216	3,445,533	3,989,282	3,088,689	2,653,653
Pennsylvania	109,391,882	90,751,312	99,765,758	79,294,496	76,502,712	85,127,130
Ohio	74,190,735	84,505,282	71,821,988	59,913,485	64,378,753	66,713,374
Wisconsin	86,795,711	62,591,617	64,946,784	55,937,924	53,050,557	50,784,419
Georgia and Florida	6,644,540	5,459,062	5,367,107	11,542,381	6,357,614	6,741,091
Porto Rico	4,683,810	3,493,808	7,296,803	4,780,971	4,842,631	7,668,836
All other domestic	264,731	436,977	476,227	287,785	410,430	349,717
Total cigar types	356,008,249	312,470,336	319,992,598	270,275,297	262,672,289	274,638,167
Grand total	1,418,091,519	1,406,133,573	1,465,168,711	1,033,018,715	1,154,056,034	1,264,883,788

[1] The act of Congress approved Apr. 30, 1912, authorized the Bureau of the Census to collect statistics of leaf tobacco held on Apr. 1 and Oct. 1 of each year. It provided that a report should be secured from each manufacturer of tobacco who, according to the returns of the Commissioner of Internal Revenue, manufactured during the preceding calendar year more than 50,000 pounds of tobacco; from each manufacturer of cigars who manufactured more than 250,000 cigars; from each manufacturer of cigarettes who manufactured more than 1,000,000 cigarettes; and from each dealer in leaf tobacco who, on an average, had more than 50,000 pounds of leaf tobacco in stock at the ends of the four quarters of the preceding calendar year. The first report made under the provisions of this law was of leaf tobacco held on Oct. 1, 1912, and statistics have been collected regularly since that date.

No. 155.—COTTON SEED AND COTTONSEED PRODUCTS: Production and Manufacture, Quantities and Values, 1893 to 1917.

[Source: Reports of the Bureau of the Census, Department of Commerce. In the preparation of this table a number of sources of information have been utilized, but it has been found impracticable to secure in all instances satisfactory data for the years indicated, and only an approximation to the facts is claimed. Statistics of the quantity of seed produced and manufactured and of cottonseed products relate to the growth year.]

Year.	Cotton seed—		Cottonseed products.			
				Oil.		
	Produced.	Manufactured.	Total value.	Quantity.	Value.	
					Total.	Per gallon.
	Short tons.	*Short tons.*	*Dollars.*	*Gallons.*	*Dollars.*	*Cents.*
1893	3,579,000	1,431,000	28,500,000	57,200,000	16,600,000	29
1894	4,792,000	1,677,000	24,870,000	67,090,000	13,420,000	20
1895	3,416,000	1,435,000	20,180,000	57,390,000	11,480,000	20
1896	4,070,000	1,628,000	26,260,000	65,120,000	11,720,000	18
1897	5,253,000	2,101,000	26,680,000	84,040,000	12,610,000	15
1898	5,472,000	2,353,000	27,960,000	94,110,000	13,180,000	14
1899	4,668,000	2,479,000	42,410,000	93,330,000	21,390,000	23
1900	4,830,000	2,415,000	48,230,000	96,610,000	26,080,000	27
1901	4,630,000	3,154,000	62,980,000	118,610,000	33,210,000	28
1902	5,092,000	3,269,000	71,290,000	122,910,000	40,560,000	33
1903	4,717,000	3,241,000	73,930,000	121,880,000	39,000,000	32
1904	6,427,000	3,345,000	69,310,000	133,820,000	31,340,000	23
1905	5,060,000	3,131,000	64,950,000	125,700,000	26,400,000	21
1906	5,913,000	3,844,000	94,380,000	153,760,000	43,050,000	28
1907	4,952,000	2,565,000	65,980,000	103,050,000	33,390,000	32
1908	5,904,000	3,670,000	86,090,000	146,790,000	44,090,000	30
1909[1]	4,462,000	3,269,000	105,720,000	131,000,000	55,230,000	42
1910	5,175,000	4,106,000	142,710,000	167,970,000	80,430,000	48
1911	6,997,000	4,921,073	131,340,000	201,650,000	66,580,000	33
1912	6,104,000	4,579,508	132,230,000	185,750,000	69,100,000	37
1913	6,305,000	4,847,628	159,670,000	193,330,000	81,020,000	42
1914	7,186,000	5,779,665	152,880,000	229,260,000	80,540,000	35
1915	4,992,000	4,202,313	180,260,000	167,110,000	87,940,000	56
1916	5,113,000	4,479,176	287,192,000	187,688,000	153,419,000	82
1917	5,040,000	4,251,080	360,736,000	174,996,000	217,902,000	124.5

Year.	Cottonseed products—Continued.								
	Cake and meal.			Hulls.			Linters.		
	Quantity.	Value.		Quantity.	Value.		Quantity.	Value.	
		Total.	Per ton.		Total.	Per ton.		Total.	Per pound.
	Short tons.	*Dollars.*	*Dolls.*	*Short tons.*	*Dollars.*	*Dolls.*	*Bales.*[2]	*Dollars.*	*Cents.*
1893	501,000	11,900,000	23.75	.....	.....	.....	.....	.....	.....
1894	587,000	11,450,000	19.51	.....	.....	.....	.....	.....	.....
1895	502,000	8,700,000	17.33	.....	.....	.....	.....	.....	.....
1896	570,000	14,540,000	25.51	.....	.....	.....	.....	.....	.....
1897	735,000	14,070,000	19.14	.....	.....	.....	.....	.....	.....
1898	823,000	14,780,000	17.96	.....	.....	.....	.....	.....	.....
1899	884,000	16,030,000	18.13	1,169,000	3,190,000	2.73	114,544	1,800,000	3.1
1900	845,000	16,270,000	19.25	1,139,000	3,990,000	3.50	111,096	1,890,000	3.4
1901	1,125,000	21,930,000	19.49	1,487,000	6,320,000	4.25	145,103	1,520,000	2.1
1902	1,165,000	23,310,000	20.01	1,541,000	5,390,000	3.50	150,366	2,030,000	2.7
1903	1,156,000	24,840,000	21.49	1,528,000	5,710,000	3.74	194,486	4,380,000	4.5
1904	1,360,000	27,770,000	20.42	1,213,000	5,590,000	4.61	235,586	4,610,000	3.9
1905	1,272,000	29,250,000	23.00	1,135,000	5,110,000	4.50	219,397	4,190,000	3.8
1906	1,786,000	39,140,000	21.91	1,593,000	8,840,000	5.55	307,518	3,350,000	2.2
1907	1,043,000	23,300,000	22.34	927,000	6,379,000	6.87	256,487	2,920,000	2.3
1908	1,492,000	33,580,000	22.51	1,330,000	6,080,000	4.57	330,277	2,340,000	1.4
1909[1]	1,326,000	35,910,000	27.08	1,189,000	9,810,000	8.25	296,640	4,770,000	3.2
1910	1,792,000	44,660,000	24.92	1,375,000	11,370,000	8.27	379,576	6,250,000	3.3
1911	2,151,000	49,720,000	23.11	1,642,000	9,890,000	6.02	533,098	5,150,000	1.9
1912	1,999,000	45,970,000	23.00	1,540,000	9,710,000	6.30	583,091	7,450,000	2.5
1913	2,220,000	59,810,000	26.94	1,400,000	11,210,000	8.00	660,087	7,630,000	2.3
1914	2,648,000	57,740,000	21.81	1,677,000	8,450,000	5.04	820,274	6,150,000	1.5
1915	1,923,000	53,860,000	28.01	1,220,000	12,340,000	10.11	889,577	26,120,000	2.9
1916	2,225,000	74,586,000	33.52	969,000	13,994,000	14.44	1,273,345	45,193,000	7.1
1917	2,068,000	97,352,000	47.08	996,000	18,878,000	18.95	1,080,802	26,604,000	4.9

[1] The figures of the Thirteenth Census are not shown in this table because they do not represent a single growth year.
[2] Of 500 pounds net.

No. 156.—PATENTS: Comparative Statement of the Business of the United States Patent Office, 1895 to 1918.

[Source: Reports of the Commissioner of Patents, Department of the Interior.]

Calendar year.	Applications.	Caveats filed.	Patents and reissues.	Cash received.	Cash expended.	Surplus.
				Dollars.	*Dollars.*	*Dollars.*
1895	40,680	2,415	22,057	1,246,246.93	1,106,389.49	138,857.44
1896	43,982	2,271	23,373	1,324,059.83	1,113,413.71	210,646.12
1897	47,905	2,176	23,794	1,375,641.72	1,122,843.13	252,798.59
1898	35,842	1,659	22,267	1,137,734.48	1,136,196.20	1,538.28
1899	41,443	1,716	25,527	1,325,457.03	1,211,783.73	113,673.30
1900	41,980	1,731	26,499	1,350,828.53	1,260,019.62	90,808.91
1901	46,449	1,842	27,373	1,449,398.16	1,297,385.64	152,012.52
1902	49,641	1,851	27,886	1,552,859.08	1,393,345.54	159,513.54
1903	50,213	1,771	31,699	1,642,201.81	1,448,645.81	193,556.00
1904	52,143	1,808	30,934	1,657,326.53	1,476,000.38	181,326.15
1905	54,971	1,896	30,399	1,806,758.14	1,479,633.22	327,124.92
1906	56,482	1,885	31,965	1,790,921.38	1,554,891.20	236,030.18
1907	58,762	1,967	36,620	1,910,618.14	1,631,458.36	279,159.78
1908	61,475	2,110	33,682	1,896,847.67	1,712,303.42	184,544.25
1909	65,839	1,948	37,421	2,042,828.14	1,955,151.14	87,677.00
1910	64,629	970	35,930	2,025,536.69	2,005,711.94	19,824.75
1911[1]	67,370	.....	34,084	2,019,388.03	1,953,689.91	65,698.12
1912	70,976	.....	37,781	2,101,199.90	2,022,066.11	79,133.79
1913	70,367	.....	35,788	2,084,417.79	1,947,383.28	137,034.51
1914	70,404	.....	41,850	2,251,892.82	2,000,770.12	251,122.70
1915	70,069	.....	44,934	2,290,773.47	2,053,442.15	237,331.32
1916	71,033	.....	45,927	2,343,540.94	2,115,367.91	228,173.03
1917	70,373	.....	42,760	2,258,377.10	2,048,173.16	210,203.94
1918	59,616	.....	39,941	.....	.....	.....

[1] No caveats filed after June 30, 1910; law repealed.

No. 157.—PATENTS AND TRADE-MARKS: Number of Patents, Trade-Marks, and Labels Issued, 1895 to 1919.

[Source: Reports of the Commissioner of Patents, Department of the Interior.]

Calendar year.	Number of first patent and certificate issued in each calendar year.					Number of patents and certificates of registration issued during each calendar year.						
	Patent.	Design.	Reissue.	Trade-mark.	Label.	Patents.	Designs.	Reissues.	Total patents.	Trade-marks.	Labels.[1]	Total certificates.
1895	531619	23922	11461	25757	.....	20,833	1,115	59	22,057	1,829	3	1,832
1896	552502	25037	11520	27586	6546	21,867	1,445	61	23,273	1,813	33	1,846
1897	574369	26482	11581	29399	6547	22,098	1,631	65	23,794	1,671	30	1,701
1898	596467	28113	11646	31070	6561	20,404	1,803	60	22,267	1,238	235	1,473
1899	616871	29916	11706	32308	6761	23,296	2,139	92	25,527	1,649	611	2,260
1900	640167	32055	11798	33957	7272	24,660	1,758	81	26,499	1,721	830	2,551
1901	664827	33813	11879	35678	8009	25,558	1,734	81	27,373	1,928	1,037	2,965
1902	690385	35547	11960	37606	8887	27,136	640	110	27,886	2,006	925	2,931
1903	717521	36187	12070	39612	9654	31,046	536	117	31,699	2,186	1,260	3,446
1904	748567	36723	12189	41798	10644	30,267	557	110	30,934	2,158	1,411	3,569
1905	778834	37280	12299	43956	11758	29,784	486	129	30,399	4,490	1,189	5,679
1906	808618	37766	12428	48446	12588	31,181	625	159	31,965	10,568	1,365	11,933
1907	839799	38391	12587	59014	13297	35,380	589	151	36,620	7,878	982	8,860
1908	875679	38980	12738	66892	13964	32,757	757	168	33,682	5,191	838	6,029
1909	908436	39737	12906	72083	14582	36,574	687	160	37,421	4,184	640	4,824
1910	945010	40424	13066	76267	15074	35,168	639	123	35,930	4,239	490	4,729
1911	980178	41063	13189	80506	15444	32,917	1,010	157	34,084	4,205	907	5,112
1912	1013095	42073	13346	84711	16103	36,231	1,342	158	37,781	5,020	991	6,011
1913	1049326	43415	13504	89731	16736	33,941	1,683	164	35,788	5,065	708	[2]6,063
1914	1083267	45098	13668	94796	17444	39,945	1,715	190	41,850	6,817	719	7,874
1915	1123212	46813	13858	101613	18163	43,207	1,545	182	44,934	6,262	803	7,436
1916	1166419	48358	14040	107875	18966	43,970	1,759	198	45,927	6,791	864	8,087
1917	1210389	50117	14238	114666	19830	41,069	1,512	179	42,760	5,339	613	6,197
1918	1251458	51629	14417	120005	20443	38,569	1,207	165	39,941	4,061	654	4,912
1919	129027	52836	14582	124066	21096	.....	.....	.....	.....	.....	.....	.....

[1] Registration of labels practically suspended May 27, 1891, under decision of United States Supreme Court. Resumed June 9, 1896.
[2] Including "Prints" after 1913.

No. 158.—BUILDING OPERATIONS: NUMBER OF PERMITS AND COST OF BUILDINGS, BY PRINCIPAL CITIES CALENDAR YEARS 1912 TO 1918.

[Source: Reports of the Geological Survey, Department of the Interior.]

City.	1912		1913		1914		1915		1916		1917 [1]		1918 [1]	
	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Akron, Ohio [2]							2,532	6,030,950	4,658	12,824,536	5,039	14,166,818	2,391	4,139,963
Atlanta, Ga	3,529	9,806,836	3,606	5,112,944	3,146	4,564,387	2,752	4,589,214	2,419	3,685,663	2,321	4,971,612	2,025	3,545,375
Baltimore, Md. [2]			13,321	14,053,802	12,058	16,308,299	1,957	9,541,891	10,682	10,647,893	1,347	6,302,646	777	3,892,067
Boston, Mass	4,410	26,755,652	4,549	22,780,011	4,247	23,187,282	6,328	29,113,692	9,045	49,201,122	4,679	23,426,661	2,153	6,075,583
Bridgeport, Conn. [2]							1,635	8,790,274	2,091	7,064,564	1,468	4,666,403	1,021	3,211,839
Brooklyn, N. Y	11,408	40,537,784	10,962	34,762,506	11,445	41,872,307	14,515	45,601,851			9,518	34,054,117	8,355	23,019,752
Buffalo, N. Y	4,090	12,992,000	4,059	13,300,360	3,984	10,709,000	4,809	11,798,000	4,749	13,737,000	4,068	10,501,000	3,447	7,014,030
Cambridge, Mass	580	2,946,490	527	6,588,685	541	6,300,105	627	3,384,290	667	4,033,115	595	3,741,273	459	2,222,690
Camden, N. J. [2]							1,346	2,334,600	1,032	3,628,760				
Canton, Ohio [2]							727	2,005,190	1,348	3,869,655	954	2,647,270	920	1,838,777
Chester, Pa. [2]							295	772,225	656	3,122,750				
Chicago, Ill	10,751	83,175,900	10,792	89,668,427	9,938	83,261,710	10,340	97,291,400	10,277	112,835,150	4,928	64,188,750	2,524	34,663,750
Cincinnati, Ohio	5,386	8,660,264	2,952	7,543,475	3,600	8,150,000	4,797	13,443,414	15,987	10,842,895	1,770	7,921,110	7,536	4,596,533
Cleveland, Ohio	8,790	18,180,078	6,160	22,543,365	12,790	26,991,050	14,451	32,660,305	14,022	33,108,260	11,952	30,483,750	8,611	16,386,460
Columbus, Ohio	2,656	4,675,303	3,888	5,508,408	2,636	6,885,065	2,836	4,928,425	3,141	7,194,240	2,117	3,914,730	1,824	3,300,220
Dallas, Tex. [2]								3,422,512	1,523	4,293,464	814	3,573,259	560	1,667,730
Dayton, Ohio	1,214	3,552,120	1,189	3,288,350	870	2,977,990	1,234	3,534,620			1,651	3,946,736	1,273	3,632,208
Denver, Colo	2,254	5,332,675	2,034	2,797,148	3,721	3,750,460	3,085	2,648,575	2,578	4,014,590	2,359	4,252,000	1,960	2,585,890
Des Moines, Iowa [2]							771	1,967,817	855	3,375,945	986	2,289,694	670	4,120,566
Detroit, Mich	7,991	25,588,470	9,326	30,434,380	7,844	28,207,395	8,966	32,235,540	16,489	51,068,310	12,063	39,692,305	6,987	17,471,050
Duluth, Minn. [2]							1,816	2,714,464	1,963	10,223,598	1,465	4,625,264	1,263	2,648,851
El Paso, Tex. [2]							1,540	3,612,418	1,654	3,551,909				
Flint, Mich. [2]							1,743	2,104,879	3,002	4,733,447				
Fort Wayne, Ind. [2]							702	2,009,415	823	3,479,531	557	3,447,167	309	701,094
Fall River, Mass. [2]	572	1,240,255	557	1,507,855	590	1,493,235	704	1,824,696						
Grand Rapids, Mich	1,433	2,456,516	1,726	4,169,000	1,982	3,618,119	1,909	2,684,037	1,748	3,519,245	1,316	1,907,017	930	1,222,138
Hartford, Conn	1,277	7,379,525	1,169	5,784,751	1,025	4,052,076	1,403	5,575,895	1,423	7,383,163	1,083	7,681,616	1,084	2,254,983
Houston, Tex. [2]							4,314	2,425,555	3,449	3,086,871	2,278	3,129,246	2,208	2,276,308
Indianapolis, Ind	4,781	9,150,407	5,400	9,361,973	5,693	7,933,381	6,177	7,083,642	5,746	8,934,694	5,085	7,103,038	4,290	4,558,676
Jersey City, N. J	1,336	5,911,880	1,344	5,413,607	1,171	3,826,174	1,306	5,351,630	1,036	5,005,243	962	3,596,718	684	5,047,729
Kansas City, Kans	455	795,775	692	1,252,860	737	1,110,988	748	962,749			492	1,656,965	248	1,933,267
Kansas City, Mo	3,953	12,127,079	3,719	10,578,162	3,253	10,204,970	3,517	10,667,405	3,620	11,563,444	3,263	10,138,450	1,900	5,649,445
Los Angeles, Cal	16,455	31,367,995	16,442	31,641,921	9,979	17,361,925	7,845	11,888,662	7,565	15,036,045	6,699	16,932,082	6,381	8,678,862
Louisville, Ky	2,379	6,562,777	2,402	3,617,540	2,306	4,397,310	2,432	4,055,390	2,299	3,853,140	1,258	1,607,280	1,204	1,990,308
Lowell, Mass	572	1,291,649	531	969,868	633	773,514	732	1,231,310			714	1,524,259	255	1,419,393

Memphis, Tenn	3,657	7,162,214	3,363	3,949,363	2,617	2,946,818	2,303	2,730,488	2,439	3,091,970	1,696	2,626,850	780	1,591,078
Milwaukee, Wis	4,361	15,257,162	4,015	13,647,624	3,865	9,882,085	3,882	11,564,325	4,008	13,010,312	3,133	11,149,492	2,375	6,039,526
Minneapolis, Minn	5,965	14,229,475	6,135	12,857,935	6,015	15,214,525	6,831	16,349,940	6,970	22,917,290	4,959	9,257,285	3,696	5,395,740
Nashville, Tenn [2]	1,503	1,378,997									267	1,095,575	184	646,606
Newark, N. J	2,937	11,628,358	3,075	16,317,973	2,105	10,061,910	1,218	6,162,052	3,627	10,236,316	2,473	9,336,594		
New Bedford, Mass	940	2,400,050	1,245	3,067,700	1,062	3,039,736	1,012	3,126,734	949	4,762,081	384	3,053,211	352	976,714
New Haven, Conn	1,330	4,762,341	1,100	4,790,151	1,136	4,380,842	1,524	7,104,947	1,465	5,022,556	1,230	5,644,869	1,007	3,259,558
New Orleans, La	1,794	3,309,620	1,857	4,088,261	1,635	2,948,751	1,334	2,950,357	1,015	3,117,604	810	2,747,678	553	1,762,579
Newton, Mass. [2]							843	3,073,079	989	3,166,948			235	497,378
New York, N. Y. [4]	8,283	163,519,362	9,443	107,104,707	8,764	74,030,241	7,714	103,023,800	8,135	152,603,104	6,773	52,864,429	4,280	22,820,295
Oakland, Cal	4,058	8,821,950	3,748	8,535,251	3,649	4,717,520	3,352	5,045,290	3,683	5,368,290	2,806	4,383,132	2,951	5,380,179
Omaha, Nebr	1,372	4,546,761	1,236	4,110,733	1,295	4,610,456	1,351	5,385,005	1,454	7,226,107	1,039	7,737,047	913	3,715,639
Peoria, Ill. [2]							640	4,090,645	797	4,643,182	437	2,081,629	295	788,573
Philadelphia, Pa	11,192	36,392,405	7,700	35,125,810	12,774	34,694,340	13,884	35,010,640	13,708	49,319,225	6,495	34,055,480	5,082	16,052,370
Pittsburgh and Allegheny, Pa.	3,890	11,530,531	2,943	15,470,955	3,522	18,194,182	3,916	14,227,020	4,175	13,554,810	3,531	11,464,207	2,559	7,938,150
Portland, Oreg	8,224	14,652,071	6,710	12,956,915	5,959	8,334,075	4,623	4,895,345	4,351	6,272,865	3,365	3,642,735	5,667	6,181,259
Providence, R. I	2,856	8,530,800	3,184	7,289,100	3,589	6,334,900	3,848	7,023,700	3,661	9,248,900				
Reading, Pa. [2]											401	928,875	318	508,525
Richmond, Va	1,631	6,255,711	1,501	3,636,476	1,591	3,391,571	1,710	3,244,752	2,155	4,927,396	1,178	4,118,688	392	1,838,614
Rochester, N. Y	3,888	12,035,466	3,268	9,642,124	3,247	8,733,257	3,391	9,108,333	3,136	9,379,447	2,265	6,719,620	1,381	1,949,551
St. Joseph, Mo	850	1,119,797	713	895,079	740	625,574	469	942,770	(2)	(2)	443	827,541	314	558,847
St. Louis, Mo	8,760	20,675,804	8,302	15,340,012	9,418	12,885,398	9,052	11,439,320	8,550	15,444,103	3,152	10,448,614	4,527	5,934,290
St. Paul, Minn	3,491	8,051,417	3,564	9,456,450	3,741	14,718,696	2,688	9,237,458	1,845	8,811,961	2,054	7,217,140	1,697	10,131,372
San Francisco, Cal	6,316	23,338,563	5,606	21,037,264	5,907	28,177,563	6,461	13,990,704	6,492	18,837,173	5,507	15,586,337	3,687	7,924,319
Scranton, Pa	676	1,716,491	628	1,413,559	665	1,668,904	784	1,683,592	(2)	(2)	360	1,421,486	185	426,356
Seattle, Wash	9,819	8,415,325	9,597	9,321,115	9,104	12,664,970	8,217	6,456,995	8,486	8,304,689	7,736	6,714,315	12,211	10,899,775
Sioux City, Iowa [2]							538	2,050,417	591	3,090,305	554	3,223,941	417	3,077,310
Springfield, Mass. [2]							1,495	6,066,394	1,695	7,101,032	1,199	3,779,612	787	1,596,423
Syracuse, N. Y. [2]	1,546	4,487,861	1,855	5,206,768	1,855	3,412,184	1,934	4,693,316			1,822	4,252,701	1,333	1,599,174
Toledo, Ohio [2]											3,369	7,244,546	1,611	2,661,661
Washington, D. C	5,048	17,593,848	4,585	10,499,402	3,701	10,415,645	4,428	9,749,301	5,239	17,494,804	3,744	12,916,886	3,543	7,172,818
Waterbury, Conn. [2]							748	2,600,350	1,337	4,270,000				
Worcester, Mass	1,698	6,689,900	1,576	4,780,495	1,587	5,731,469	1,794	4,526,382	1,816	6,164,871	1,632	4,332,855	1,184	2,080,869
Youngstown, Ohio [2]							1,108	2,573,555	1,355	3,400,079	1,609	4,431,098	1,728	4,457,194
Total	202,357	738,989,710	204,296	673,220,625	203,732	619,752,354	223,983	700,413,338	240,670	839,705,662	170,224	583,393,801	140,493	327,628,284

[1] Figures are from "Bradstreet's" and cover expenditures for building operations.
[2] Data lacking in years for which no figures are shown.
[3] Public buildings not included.
[4] Data for the boroughs of Manhattan and Bronx only.

No. 159.—MINERAL PRODUCTION: Quantities and Values of Specified Kinds, Calendar Years 1913 to 1917.

[Source: Reports of United States Geological Survey, Department of the Interior.]

Product.	1913		1914		1915		1916		1917	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
METALLIC.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Iron: Ore [1] ..... long tons [2]	59,643,098	130,905,558	39,714,280	71,905,079	55,493,100	101,288,984	77,870,553	181,902,277	75,573,207	238,260,444
Iron: Pig [3] ..... do	30,388,935	458,342,345	22,263,263	298,777,429	30,384,486	401,409,604	39,126,324	663,478,118	38,612,546	1,053,785,975
Ferro-alloys [3] ..... do	296,207	13,015,362	255,524	9,350,245	388,644	17,450,385	589,738	50,281,692	634,021	83,843,724
Silver, commercial value [4] ..... troy ounces	66,801,500	40,348,100	72,455,100	40,067,700	74,961,075	37,397,300	74,414,802	48,953,000	71,740,362	59,078,100
Gold, coining value [5] ..... do	4,299,784	88,884,400	4,572,976	94,531,800	4,887,604	101,035,700	4,479,056	92,590,300	4,051,440	83,750,700
Copper, value at New York City [6] ... pounds	1,224,484,098	189,795,035	1,150,137,192	152,968,000	1,388,009,527	242,902,000	1,927,850,548	474,288,000	1,886,120,721	514,911,000
Lead, (refined) value at New York City [6], short tons [2]	411,878	36,245,264	512,794	39,998,000	507,026	47,660,000	552,228	76,207,000	540,000	99,000,000
Zinc, value at St. Louis [6] ..... short tons	337,252	37,772,224	343,418	35,029,000	458,135	113,617,000	563,451	151,005,000	584,597	119,258,000
Quicksilver, value at San Francisco .. flasks [7]	20,213	813,171	16,548	811,680	21,033	1,826,912	29,932	3,768,139	35,954	3,786,675
Aluminum [8] ..... pounds	72,379,000	13,845,000	79,129,000	14,522,700	99,806,000	16,280,000	.....	33,900,000	.....	45,882,000
Antimony [9] ..... short tons [2]	2,508	429,363	2,705	566,490	5,364	2,373,760	([10])	([10])	5,199	2,152,386
Antimonial lead [11] ..... do	16,665	1,591,854	16,667	1,572,167	23,224	3,665,736	24,038	4,483,582	18,646	3,781,560
Bauxite ..... long tons [2]	210,241	997,698	219,318	1,069,194	297,041	1,514,834	425,100	2,296,400	568,690	3,119,058
Cadmium ..... pounds	54,198	([12])	91,409	81,205	91,415	108,443	135,212	210,931	207,408	305,097
Chromic iron ore ..... long tons [2]	255	2,854	591	8,715	3,281	36,744	47,035	726,243	43,725	1,049,400
Manganese ore ..... do	4,048	40,480	2,635	27,377	8,708	108,049	26,997	627,417	115,000	3,220,000
Manganiferous ore [13] ..... do	59,403	25,124	98,265	218,497	196,640	822,216	548,803	2,005,491	859,000	5,154,000
Titanium ore (rutile) ..... short tons [2]	305	49,000	94	11,280	250	27,500	110	16,500	206	32,960
Tungsten ore (60 per cent concentrates) .. do	1,537	672,118	990	435,000	2,332	4,100,600	5,923	12,075,417	6,144	6,783,000
Nickel, value at New York City [14] .... pounds	.....	79,393	845,334	313,000	1,644,000	538,222	1,836,000	671,192	804,000	331,556
Tin (metallic equivalent) ..... do	.....	46,699	208,000	66,560	204,000	78,846	280,000	122,000	180,000	111,000
Platinum, and allied metals value at New York City ..... ounces troy	1,034	46,530	6,324	280,885	8,665	478,688	28,088	2,301,762	38,831	4,023,757
Uranium and vanadium minerals . short tons [2]	.....	609,361	.....	941,300	.....	693,750	.....	500,000	.....	617,000
Total value of metallic products	.....	883,222,012	.....	691,081,734	.....	991,751,929	.....	1,620,508,184	.....	2,091,824,562

NONMETALLIC.											
Bituminous coal [15]	short tons [2]	478,435,297	565,234,952	422,703,970	423,309,244	442,624,426	502,037,688	502,519,682	665,116,077	551,790,563	1,249,272,837
Pennsylvania anthracite	long tons [2]	81,718,680	195,181,127	81,090,631	188,181,399	79,459,876	184,653,498	78,195,083	202,009,561	88,939,117	283,650,723
Stone			83,732,995		77,544,103		74,595,352		79,069,683		82,215,671
Petroleum	barrels [16]	248,446,230	237,121,388	265,762,535	214,125,215	281,104,104	179,462,890	300,767,158	330,899,868	335,315,601	522,635,213
Natural gas			87,846,677		94,115,524		101,312,381		120,227,468		140,000,000
Natural-gas gasoline	gallons					65,364,665	5,150,823	103,492,689	14,331,148	217,884,104	40,188,956
Peat			197,200		309,692		288,537		369,104		709,900
Clay: Products			181,289,132		164,986,983		163,120,232		207,260,091		248,023,368
Clay: Raw [1]	short tons [2]	2,647,989	4,180,459	2,209,860	3,756,568	2,362,954	3,971,941	2,932,590	5,751,774	3,113,844	8,042,546
Cement	barrels [17]	89,541,348	89,550,527	87,257,552	80,533,203	87,685,222	75,155,102	95,394,433	104,689,090	91,342,930	123,210,458
Coke [1]	short tons [2]	46,299,530	12,892,273	34,555,914	88,334,217	41,581,150	105,503,868	54,533,585	170,841,197	55,606,828	298,243,017
Lime	do. [2]	3,595,390	14,648,362	3,380,928	13,268,938	3,622,810	14,424,036	4,083,803	18,509,305	3,786,364	23,807,877
Sand-lime brick			1,238,325		1,058,512		1,135,104		1,474,073		1,420,330
Slate			6,175,476		5,706,787		4,958,915		5,338,837		5,749,966
Mineral waters	gallons sold	57,867,399	5,631,391	54,358,466	4,892,328	52,113,503	5,138,794	55,928,461	5,735,035	46,784,419	4,931,710
Phosphate rock	long tons [2]	3,111,221	11,796,231	2,734,043	9,608,041	1,835,667	5,413,449	1,982,385	5,896,993	2,584,287	7,771,084
Potash (K_2O)	short tons [2]						342,000	9,720	4,242,730	32,573	14,000,000
Salt	barrels [18]	34,399,298	10,123,139	34,804,683	10,197,417	38,231,493	11,747,686	45,449,329	13,645,947	49,844,121	19,940,442
Gypsum	short tons [2]	2,599,508	6,774,822	2,476,465	6,895,989	2,447,611	6,596,893	2,757,730	7,959,032	2,696,226	10,495,343
Borax (crude)	do	58,051	1,491,530	62,400	1,464,400	67,003	1,677,099	103,525	2,409,459	108,875	3,609,632
Arsenious oxide	short tons	2,513	159,236	4,670	313,147	5,498	302,116	5,986	555,187	6,151	1,118,313

[1] Values not included in total values.

[2] "Long" tons, 2,240 avoirdupois pounds; "short" tons, 2,000 pounds.

[3] Ferro-alloys include ferromanganese, spiegeleisen, ferrosilicon, ferrophosphorus, ferromolybdenum, ferrotitanium, ferrotungsten, and ferrovanadium.

[4] Average price per troy ounce in 1912, 61.5 cents; in 1913, 60.4 cents; in 1914, 55.3 cents; in 1915, 68.6 cents; in 1916, 65.8 cents.

[5] Coining value, $20.671834625323 per ounce.

[6] The product from domestic ores only. Sales valuea ter 1914.

[7] Of 75 avoirdupois pounds net.

[8] Consumption.

[9] From all sources. Values excluded from metallic totals as the value of the antimony contained in antimonial lead are included in the antimonial lead values and the remainder under "Unspecified."

[10] Figures not yet available. Estimate of value included under "Unspecified."

[11] From both domestic and foreign ores.

[12] Included under "Unspecified."

[13] Exclusive of those ores from Lake Superior district running so low in manganese as to be classed with iron ore.

[14] By-products in electrolytic copper refining.

[15] Including brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.

[16] Of 42 gallons.

[17] Of 380 pounds net.

[18] Of 280 pounds net.

No. 159.—MINERAL PRODUCTION: QUANTITIES AND VALUES OF SPECIFIED KINDS, CALENDAR YEARS 1913 TO 1917—Continued.

Product.	1913		1914		1915		1916		1917	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
NONMETALLIC—continued.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Mineral paints: Natural pigments [1] ..... short tons [2]	70,595	512,410	66,766	633,390	57,442	551,598	(3)	(3)	(3)	(3)
Mineral paints: Zinc-lead pigments ..... do	97,573	9,020,896	106,791	9,978,710	141,383	14,962,461	135,606	23,515,803	140,636	26,972,137
Grindstones and pulp stones		855,627		689,344		648,479		766,140		1,147,784
Asphalt ..... short tons [2]	529,190	5,232,370	440,571	3,659,092	740,254	5,242,073	786,811	7,102,132	782,713	8,470,615
Talc and soapstone [4] ..... do	94,128	1,119,597	86,221	1,043,801	98,677	1,026,739	119,725	1,292,293	144,177	1,411,416
Fibrous talc ..... do	81,705	788,500	86,075	821,286	88,214	864,843	93,236	961,510	74,671	881,462
Gems and precious stones		319,454		124,651		170,431		217,793		131,012
Pyrite ..... long tons [2]	341,338	1,286,084	336,662	1,283,346	394,124	1,674,933	423,556	1,965,702	462,662	2,485,435
Emery ..... short tons [2]	957	4,785	485	2,425	3,063	31,131	15,282	123,901	17,135	241,050
Oilstones, etc		207,352		167,948		115,175		154,573		168,704
Garnet (abrasive) ..... short tons [2]	5,308	183,422	4,231	145,510	4,301	139,584	6,171	208,850	4,995	198,327
Mica: sheet ..... pounds	1,700,677	353,517	556,933	278,540	553,821	378,259	865,863	524,485	1,276,533	753,874
Mica: scrap ..... short tons [2]	5,322	82,543	3,730	51,416	3,959	50,510	4,433	69,906	3,429	52,908
Barytes (crude) ..... short tons [2]	45,298	156,275	52,747	155,647	108,547	381,032	221,952	1,011,232	206,888	1,171,184
Bromine ..... pounds	572,400	115,436	576,991	203,094	855,857	856,307	728,520	951,932	895,499	492,703
Calcium chloride ..... short tons [2]	19,611	130,030	19,403	121,766	20,535	130,830	27,709	224,997	30,503	451,480
Fluorspar ..... do	115,580	736,286	95,116	570,041	136,941	764,475	155,735	922,654	218,828	2,287,722
Feldspar ..... do	120,955	776,551	135,419	629,873	105,118	489,223	132,681	702,278	141,924	728,838
Silica (quartz) ..... short tons [2]	97,902	201,488	153,401	360,502	112,575	273,553	88,514	242,786	142,673	318,069
Thorium minerals (monazite) and zircon, pounds					36,000	3,600	37,872	3,400		
Graphite: crystalline ..... pounds	5,064,727	254,328	5,220,539	285,368	7,074,370	417,273	10,931,989	914,748	10,584,080	1,094,398
Graphite: amorphous ..... short tons [2]	2,243	39,428	1,725	38,750	1,181	12,358	2,622	20,723	8,301	73,481
Sulphur ..... long tons [2]	311,590	5,479,849	327,634	5,954,236		(5)	(5)	(5)	(5)	(5)
Sulphuric acid (60° Baumé) from copper and zinc smelters ..... short tons [2]	632,237	4,346,272	760,638	5,190,293	[6] 904,653	7,621,241	[7] 1,162,391	[7] 14,099,927	[7] 1,455,257	[7] 16,890,545
Fuller's earth ..... do	38,594	369,750	40,981	403,646	47,901	489,219	67,822	706,951	72,870	776,632

Diatomaceous infusorial earth and tripoli, short tons[2]	.....	285,821	.....	252,327	.....	[6]167,474	.....	[6]241,553	.....	[6]123,784
Pumice ..... short tons[2]	24,563	55,408	27,591	59,172	27,708	63,185	33,320	82,263	35,293	84,814
Millstones	.....	56,163	.....	43,316	.....	53,480	.....	44,559	.....	43,489
Magnesite (crude) ..... short tons[2]	9,632	77,056	11,293	124,223	30,499	274,491	154,974	1,393,693	316,838	2,899,818
Asbestos ..... do	1,100	11,000	1,247	18,965	1,731	76,952	1,479	448,214	1,683	506,056
Sand: Glass ..... do	1,791,800	1,895,991	1,619,649	1,568,030	1,834,044	1,606,640	2,018,317	1,957,797	1,942,675	2,685,014
Sand: Molding, building, etc., and gravel, short tons[2]	77,764,049	22,321,517	77,662,086	22,278,969	74,719,259	21,514,977	87,073,415	27,852,198	74,468,100	32,628,433
Total value of nonmetallic mineral products	.....	1,555,517,716	.....	1,423,648,599	.....	1,398,565,121	.....	1,878,463,681	.....	2,888,923,007
Total value of metallic products	.....	883,222,012	.....	691,081,734	.....	991,751,929	.....	1,620,508,184	.....	2,091,824,562
Estimated value of mineral products unspecified	.....	420,000	.....	470,000	.....	[9]7,018,000	.....	[10]15,000,000	.....	30,200,000
Grand total	.....	2,439,159,728	.....	2,115,200,333	.....	2,397,335,050	.....	3,513,971,865	.....	5,010,947,569

[1] Natural pigments: Ocher, umber, sienna, metallic paint, mortar colors, and ground slate and shale, zinc and lead pigments; sublimed blue lead, sublimed white lead, leaded zinc oxide, zinc oxide, and zinc lead.

[2] "Long" tons, 2,240 avoirdupois pounds; "short" tons, 2,000 pounds.

[3] Canvass discontinued. Value of iron ore sold for paint included under "Unspecified."

[4] Exclusive of fibrous talc, shown below.

[5] Value included under "Unspecified."

[6] See note 8.

[7] Includes 92,802 tons in 1916 and 119,048 tons in 1917 of stronger acid, reported as oleum, etc., not converted to 60° Baumé.

[8] Exclusive of considerable production for special uses, which is included under "Unspecified."

[9] Includes in 1915 antimony other than content of antimonial lead, bismuth, cadmium sulphide, diatomaceous earth for special uses, lithium minerals, magnesium, marls nickel content of hydrous nickel sulphate, potash salts, selenium, silica sand and sandstone (finely ground), sulphur 59,189 tons of stronger acid, reported as oleum, etc., not converted to 60° Baumé, and an estimate of the value of miscellaneous mineral products not collected annually by the Survey.

[10] Includes in 1916 antimony other than content of antimonial lead, bismuth, cadmium sulphide, diatomaceous earth for special uses, iron ore sold for paint, lithium minerals, lithographic stone, magnesium, marls, molybdenum, pebbles for grinding, selenium, silica sand and sandstone (finely ground), strontium, sulphur, and an estimate of the value of miscellaneous mineral products not collected annually by the Survey.

No. 160.—GOLD AND SILVER PRODUCTION FROM MINES IN THE UNITED STATES: 1792 TO 1911.[1]

[Source: Reports of the Director of the Mint, Treasury Department.]

Calendar year.	Gold.		Silver.	
	Fine ounces (troy).	Value.	Fine ounces (troy).	Commercial value.[2]
		Dollars.		*Dollars.*
Apr. 2, 1792-July 31, 1834	677,250	14,000,000	.....	Insignificant.
July 31, 1834-Dec. 31, 1856	22,278,670	460,537,000	657,800	868,000
1857	2,669,625	55,000,000	38,700	52,400
1858	2,418,750	50,000,000	38,700	52,000
1859	2,418,750	50,000,000	77,300	105,100
1860	2,225,250	46,000,000	116,000	156,800
1861	2,080,125	43,000,000	1,546,900	2,062,000
1862	1,896,300	39,200,000	3,480,500	4,684,800
1863	1,935,000	40,000,000	6,574,200	8,842,300
1864	2,230,087	46,100,000	8,507,800	11,443,000
1865	2,574,759	53,225,000	8,701,200	11,642,200
1866	2,588,062	53,500,000	7,734,400	10,356,400
1867	2,502,196	51,725,000	10,441,400	13,866,200
1868	2,322,000	48,000,000	9,281,200	12,306,900
1869	2,394,362	49,500,000	9,281,200	12,297,600
1870	2,418,750	50,000,000	12,375,000	16,434,000
1871	2,104,312	43,500,000	17,789,100	23,588,300
1872	1,741,500	36,000,000	22,236,300	29,396,400
1873	1,741,500	36,000,000	27,650,400	35,881,600
1874	1,620,122	33,490,000	28,868,200	36,917,500
1875	1,619,009	33,467,900	24,539,300	30,485,900
1876	1,931,575	39,929,200	29,996,200	34,919,800
1877	2,268,662	46,897,400	30,777,800	36,991,500
1878	2,477,109	51,206,400	35,022,300	40,401,000
1879	1,881,787	38,900,000	31,565,500	35,477,100
1880	1,741,500	36,000,000	30,318,700	34,717,000
1881	1,678,612	34,700,000	33,257,800	37,657,500
1882	1,572,187	32,500,000	36,196,900	41,105,900
1883	1,451,250	30,000,000	35,732,800	39,618,400
1884	1,489,950	30,800,000	37,743,800	41,921,300
1885	1,538,373	31,801,000	39,909,400	42,503,500
1886	1,686,788	34,869,000	39,694,000	39,482,400
1887	1,603,049	33,136,000	41,721,600	40,387,200
1888	1,604,478	33,167,500	45,792,700	43,045,100
1889	1,594,775	32,967,000	50,094,500	46,838,400
1890	1,588,877	32,845,000	54,516,300	57,242,100
1891	1,604,840	33,175,000	58,330,000	57,630,000
1892	1,597,098	33,015,000	63,500,000	55,662,500
1893	1,739,323	35,955,000	60,000,000	46,800,000
1894	1,910,813	39,500,000	49,500,000	31,422,100
1895	2,254,760	46,610,000	55,727,000	36,445,500
1896	2,568,132	53,088,000	58,834,800	39,654,600
1897	2,774,935	57,363,000	53,860,000	32,316,000
1898	3,118,398	64,463,000	54,438,000	32,118,400
1899	3,437,210	71,053,400	54,764,500	32,858,700
1900	3,829,897	79,171,000	57,647,000	35,741,100
1901	3,805,500	78,666,700	55,214,000	33,128,400
1902	3,870,000	80,000,000	55,500,000	29,415,000
1903	3,560,000	73,591,700	54,300,000	29,322,000
1904	3,892,480	80,464,700	57,682,800	33,456,024
1905	4,265,742	88,180,700	56,101,600	34,221,976
1906	4,565,333	94,378,800	56,517,900	38,256,400
1907	4,374,827	90,435,700	56,514,700	37,299,700
1908	4,574,340	94,560,000	52,440,800	28,050,600
1909	4,821,700	99,673,400	54,721,500	28,455,200
1910	4,657,017	96,269,100	57,137,900	30,854,500
1911	4,687,053	96,890,000	60,399,400	32,615,700

[1] The estimates from 1792 to 1873 are by R. W. Raymond, United States Commissioner of Mining Statistics, and since by the Director of the Mint.

[2] To compute United States dollar coining value of silver, multiply number of fine ounces by $1.2929+.

No. 161.—ESTIMATED VALUE OF THE PRODUCT OF GOLD AND SILVER, CALENDAR YEARS 1912 TO 1918: BY STATES.

[Source: Reports of the Director of the Mint, Treasury Department.]

GOLD.

State.	1912	1913	1914	1915	1916	1917	1918[1]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alaska	17,198,600	14,782,512	16,547,200	16,710,000	16,124,800	14,671,400	9,108,500
Arizona	3,785,400	3,803,039	4,568,900	4,555,900	4,092,800	5,180,600	5,760,200
California	20,008,000	20,108,447	21,251,900	22,547,400	21,080,400	20,929,400	17,207,000
Colorado	18,741,200	18,420,031	19,902,400	22,530,800	19,185,000	15,974,500	12,853,500
Georgia	10,900	9,881	16,800	34,800	20,400	6,500	3,500
Idaho	1,401,700	1,366,605	1,187,200	1,170,600	1,058,300	754,800	636,000
Montana	3,707,900	3,078,202	4,143,600	4,978,300	4,328,400	3,673,200	3,170,600
Nevada	13,575,700	12,279,131	11,536,200	11,883,700	9,064,700	6,932,500	6,662,000
New Mexico	754,600	844,086	1,219,100	1,460,100	1,350,000	1,085,400	638,200
North Carolina	156,000	111,442	130,300	170,700	23,000	10,800	800
Oregon	759,700	1,370,987	1,589,400	1,867,100	1,901,500	1,687,300	1,260,000
South Carolina	15,400	1,985	3,200	3,600	300	1,700	.....
South Dakota	7,823,700	7,197,498	7,354,000	7,403,500	7,471,700	7,372,900	6,786,700
Texas	2,200	120	8,800	1,800	500	100	100
Utah	4,312,600	3,400,103	3,377,000	3,907,900	3,859,000	3,522,100	3,142,500
Washington	682,600	692,021	587,800	461,600	580,600	488,200	342,300
Wyoming	24,300	30,491	6,700	13,900	20,200	8,700	400
Philippine Islands	461,600	787,039	1,099,300	1,320,900	1,514,200	1,440,100	913,700
Other	29,400	20,403	22,000	13,100	14,500	9,500	7,500
Total value	93,451,500	88,301,023	94,531,800	101,035,700	92,590,300	83,750,700	68,493,500
Total fine ounces (troy)	4,520,719	4,271,562	4,572,976	4,887,604	4,479,057	4,051,440	3,313,373

SILVER (COMMERCIAL VALUE).

Alaska	331,800	229,453	478,800	526,100	833,000	994,100	796,836
Arizona	2,118,000	2,049,766	2,455,000	2,826,500	4,394,600	5,783,400	6,771,490
California	851,200	923,087	1,117,500	843,100	1,274,200	1,735,200	1,555,417
Colorado	4,876,500	5,536,837	4,868,800	3,591,900	4,967,900	6,004,500	6,982,313
Idaho	4,833,400	5,787,077	6,953,300	6,506,800	7,611,500	9,390,000	10,188,056
Michigan	334,100	259,339	229,800	290,300	499,300	563,400	491,939
Montana	7,698,500	7,880,166	6,932,800	7,195,600	9,240,100	11,986,100	15,341,793
Nevada	8,514,400	9,133,229	8,780,100	7,210,500	9,000,600	9,237,700	10,113,405
New Mexico	898,000	921,948	979,500	1,165,900	1,138,000	1,264,700	763,758
North Carolina	1,400	1,371	800	700	1,100	500	9
Oregon	32,200	95,870	81,500	62,600	146,000	141,800	150,207
South Dakota	126,500	101,696	99,400	98,600	138,200	156,800	165,865
Texas	233,500	259,022	317,800	361,500	437,000	484,200	612,436
Utah	8,038,300	7,416,664	6,482,300	6,522,200	8,911,000	11,002,700	13,439,811
Washington	215,600	159,038	188,700	106,700	193,700	219,100	302,446
Wyoming	200	2,254	100	1,400	2,200	2,800	719
Philippine Islands	3,600	6,029	81,500	7,600	11,600	10,500	12,597
Other	89,300	97,695	62,600	79,300	153,000	150,600	190,109
Total commercial value	39,197,400	40,864,871	40,067,700	37,397,300	48,953,000	59,078,100	67,879,206
Total fine ounces (troy)	63,766,800	67,601,111	72,455,100	74,961,075	74,414,802	71,740,362	67,879,206

[1] Preliminary figures.

No. 162.—ANTHRACITE AND BITUMINOUS COAL PRODUCTION: QUANTITIES, CENSUS YEAR ENDED MAY 31, 1880, AND IN CALENDAR YEARS 1890, 1900, AND 1909 TO 1917, BY STATES.

[Source: Reports of the Geological Survey, Department of the Interior.]

State.	1880	1890	1900	1909	1910	1911	1912	1913	1914	1915	1916	1917
ANTHRACITE.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Colorado and New Mexico	.....	(1)	87,861	69,375	80,960	88,001	75,514	62,287	(2)	(2)	(2)	(2)
Pennsylvania	25,580,189	41,489,858	51,221,353	72,384,249	75,433,246	80,771,488	75,322,855	81,718,680	81,090,631	79,459,876	78,195,083	88,939,117
Total anthracite	25,580,189	41,489,858	51,309,214	72,453,624	75,514,296	80,859,489	75,398,369	81,780,967	81,090,631	79,459,876	78,195,083	88,939,117
BITUMINOUS.												
Alabama	289,261	3,652,151	7,494,888	12,235,223	14,385,234	13,411,983	14,375,536	15,784,395	13,922,698	13,328,515	16,148,390	17,917,923
Arkansas	13,195	357,043	1,292,808	2,122,462	1,701,748	1,881,062	1,875,731	1,994,738	1,639,768	1,475,095	1,781,174	1,913,910
California	211,562	98,849	(3)154,382	(3)43,425	10,861	(3)10,399	(3)10,119	(3)24,028	(3)12,477	(3)12,413	(3)18,135	(3)53,909
Colorado	413,167	2,747,324	4,626,943	9,518,960	10,646,775	9,011,602	9,755,053	8,211,691	7,295,142	7,700,875	9,360,926	11,145,836
Georgia	138,075	203,872	281,747	188,567	158,254	147,509	203,127	228,237	148,659	120,086	154,959	106,275
Idaho	.....	.....	9	4,065	3,971	(4)1,626	(4)2,646	(4)1,944	(5)	(5)	(5)	.....
Illinois	5,460,158	13,653,947	23,007,126	45,450,884	40,982,362	47,927,784	53,468,952	55,016,736	51,418,926	52,526,407	59,102,979	76,963,738
Indiana	1,298,506	2,951,551	5,789,363	13,244,874	16,419,478	12,679,781	13,647,962	15,326,492	14,858,154	15,184,064	17,940,650	23,695,829
Indian Territory	107,988	776,097	1,716,337	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1,304,568	3,590,839	4,645,481	6,926,573	7,078,679	6,546,114	6,508,508	6,719,586	6,652,698	6,798,342	6,482,857	8,005,205
Kansas	688,788	2,017,788	3,989,170	6,237,927	4,394,153	5,516,721	6,237,663	6,430,545	6,125,882	6,093,280	6,144,156	6,415,156
Kentucky	844,900	2,412,050	4,758,005	9,551,236	13,056,535	12,544,377	14,723,679	17,514,821	18,198,896	19,072,923	22,673,212	24,828,546
Maryland	1,990,104	2,998,047	3,593,471	3,592,179	4,658,147	4,183,746	4,432,177	4,267,713	3,690,667	3,732,569	3,982,184	4,237,432
Michigan	90,000	66,944	758,460	1,593,475	1,370,506	1,317,923	1,076,991	1,099,809	1,145,562	1,032,266	1,053,893	1,227,505
Missouri	753,843	2,442,162	3,160,806	3,354,045	2,662,887	3,425,096	3,874,871	3,855,469	3,514,268	3,403,208	4,234,059	5,062,990
Montana	200	462,033	1,483,728	2,280,304	2,608,009	2,657,463	2,721,871	2,893,726	2,504,619	2,490,853	3,243,328	3,773,830
Nebraska	179	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico	.....	335,515	1,127,752	2,481,365	3,095,530	2,780,345	3,128,940	3,280,769	3,462,222	3,408,875	3,386,617	3,571,899
North Carolina	313	9,164	(6)15,834	.....	.....	107	179	.....	.....	.....	.....	.....
North Dakota	.....	26,786	115,967	376,828	356,287	448,775	445,964	442,250	452,397	471,498	566,886	705,847
Ohio	5,364,817	10,262,952	16,953,705	24,946,108	30,544,346	27,464,273	30,829,221	32,321,899	16,824,210	20,030,974	31,007,338	36,382,798
Oklahoma	.....	.....	.....	2,785,158	2,362,702	2,744,859	3,281,623	3,719,437	3,561,262	3,297,839	3,221,438	3,916,825
Oregon	38,576	54,923	52,557	77,925	60,297	41,662	37,716	41,128	46,034	35,028	38,029	25,292

Pennsylvania	16,451,038	37,769,797	71,287,791	123,184,635	134,394,220	129,072,551	144,522,757	155,161,801	132,127,941	141,031,372	152,049,486	153,971,555
South Dakota								9,411	10,580	9,458	7,934	7,180
Tennessee	442,081	1,937,130	3,133,537	5,677,362	6,358,375	5,743,889	5,779,668	6,125,165	5,306,480	5,116,394	5,479,865	5,530,555
Texas		164,679	864,619	1,628,964	1,689,443	1,763,029	1,954,118	2,168,878	2,074,797	1,865,097	1,774,556	2,103,406
Utah	13,168	284,071	1,024,131	2,024,017	2,248,044	2,243,906	2,692,990	2,906,096	2,770,568	2,775,638	3,185,204	3,683,241
Virginia	38,463	700,010	2,137,280	4,243,051	5,810,712	6,129,167	7,005,927	7,882,203	7,106,728	7,252,318	8,667,388	9,006,331
Washington	129,478	1,123,294	2,209,012	3,216,306	3,492,767	3,190,013	3,000,832	3,462,403	2,736,446	2,168,835	2,713,025	3,580,270
West Virginia	1,633,789	6,602,370	20,220,721	46,293,946	55,063,410	53,421,054	59,630,971	63,619,764	64,024,666	68,914,347	77,196,542	77,180,060
Wyoming	526,424	1,669,964	3,584,466	5,708,133	6,725,971	6,022,200	6,578,682	6,600,952	5,781,512	5,851,811	7,063,078	7,656,803
RECAPITULATION.[7]												
Middle States	25,439,748	57,633,166	112,055,688	198,016,868	224,660,123	214,141,624	239,415,126	255,371,177	216,667,484	233,709,262	264,235,550	271,771,845
Western States	10,535,833	29,629,338	51,161,510	94,692,003	93,245,107	95,553,459	52,328,528	106,606,667	55,421,510	54,937,142	115,212,417	68,895,670
Southern States	1,374,276	10,547,711	22,822,807	40,913,388	58,618,533	47,146,327	104,316,517	58,698,643	99,759,740	101,562,062	63,287,599	144,659,919
Pacific States	392,784	1,566,858	3,440,091	5,365,738	5,815,940	5,487,606	5,743,763	6,435,599	5,565,525	4,991,914	5,942,722	7,342,712
Total bituminous	38,242,641	99,377,073	189,480,097	338,987,997	372,339,703	362,329,016	401,803,934	427,112,086	377,414,259	395,200,380	448,678,288	492,670,146
Total anthracite and bituminous[8]	63,822,880	140,866,931	240,789,310	411,441,621	447,853,909	443,188,505	477,202,304	508,893,053	458,504,890	474,660,256	526,873,371	581,609,263
AMOUNTS MARKETED.[9]												
Pennsylvania anthracite — tons		38,403,552	46,355,595	64,663,564	67,539,106	72,492,000	67,343,159	73,136,986	72,383,578	70,534,390	69,480,012	79,617,152
Pennsylvania anthracite — value, dolls.		66,383,772	85,757,851	149,181,587	160,275,302	175,189,392	177,622,626	195,181,127	188,181,399	184,653,498	202,009,561	283,650,723
Bituminous — tons		97,957,790	186,227,513	330,585,909	363,788,858	353,245,459	391,869,724	416,753,923	368,088,853	386,451,558	439,472,516	481,851,254
Bituminous — value, dolls.		110,420,801	218,930,313	405,486,777	469,281,719	451,375,819	517,983,445	565,234,952	493,309,244	502,037,688	665,116,077	1,249,272,837
Total — tons		136,361,342	232,583,108	395,249,473	431,327,964	425,737,459	459,212,883	489,890,909	440,472,431	456,985,948	506,973,879	552,937,997
Total — value, dolls.		176,804,573	306,688,164	554,902,624	629,557,021	626,565,211	695,606,071	760,416,079	681,490,643	686,691,186	820,369,212	1,532,923,560

[1] Included in bituminous product.
[2] After 1913 the small amounts of anthracite coal mined in Colorado and New Mexico are included with the bituminous product of those States.
[3] Includes Alaska; also Idaho and Nevada after 1913. In 1917 Alaska produced 48,174 long tons of coal.
[4] Includes Nevada.
[5] Included under California.
[6] Includes small amount of Triassic in Virginia.
[7] Middle States: Maryland, Ohio, Pennsylvania, and West Virginia. Southern States: Alabama, Arkansas, Georgia, Indian Territory, Kentucky, New Mexico, North Carolina, Oklahoma, Tennessee, Texas, and Virginia. Western States: Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Missouri, Montana, Nebraska, North Dakota, South Dakota, and Wyoming. Pacific States: California, Idaho, Oregon, Utah, Washington, and miscellaneous.
[8] Amounts marketed only for the year 1880; afterwards the entire product of the mines.
[9] Quantities represent amounts shipped to market; values are based on those of entire product.

No. 163.—PIG-IRON PRODUCTION,[1] CALENDAR YEARS 1900 AND 1908 TO 1918, AND THE NUMBER OF FURNACES, 1908 AND 1918: BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Sources: Annual reports of the American Iron and Steel Association prior to 1912; for later years, the bureau of statistics of the American Iron and Steel Institute.]

State.	Completed furnaces Dec. 31, 1907.	Pig-iron production.[2]												Furnaces.		
		1900	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	In blast. June 30, 1918.	In blast. Dec. 31, 1918.	Total Dec. 31, 1918.
		Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*			
Alabama	49	1,184,337	1,397,014	1,763,617	1,939,147	1,712,211	1,862,681	2,057,911	1,826,929	2,049,453	2,762,885	2,953,705	2,587,852	31	30	46
California[3]																
Colorado[3]	6	159,204	313,071	382,766	428,612	395,968	397,731	324,263	267,777	271,921	437,633	453,742	502,810	4	3	6
Connecticut[4]	3	10,233	13,794	18,388	16,582	9,649	17,366	12,810	6,594	7,802	5,719	10,527	11,485	2	2	2
Georgia[5]	4	28,984	24,345	26,072	14,725	1,200									0	4
Indiana[6]	1													15	16	16
Illinois	24	1,363,383	1,691,944	2,467,156	2,675,646	2,108,002	2,887,359	2,927,832	1,847,451	2,447,220	3,922,512	3,483,096	3,440,307	24	23	25
Kentucky[7]	8	71,562	45,096	86,371	100,509	95,202	68,760	315,731	236,393	291,040	554,590	561,951	594,675	5	5	7
Maryland	5	290,073	183,502	286,856	326,214	255,816	219,546	289,959	195,594	251,548	501,452	422,212	373,817	4	3	5
Massachusetts[4]	2	3,310												1	1	2
Michigan[6]	13	163,712	348,096	964,289	1,250,103	1,163,932	1,770,628	1,775,883	1,557,355	1,986,778	2,221,708	2,657,503	3,073,599	11	12	14
Minnesota[8]	1													3	3	3
Mississippi[7]																1
Missouri[3]	2													2	2	2
New Jersey[9]	11	170,262	225,372	294,474	264,781	40,663	36,876	2,187,620	1,559,864	2,104,780	2,352,535	2,417,527	2,871,118	4	3	5
New York[9]	26	292,827	1,019,495	1,733,675	1,938,407	1,562,756	1,939,231							24	23	27
North Carolina[5]																
Ohio	68	2,470,911	2,861,325	5,551,545	5,752,112	5,310,506	6,802,493	7,129,525	5,283,426	6,912,962	8,602,895	8,518,603	8,764,132	71	74	79
Oregon[3]	1															1
Pennsylvania	157	6,365,935	6,987,191	10,918,824	11,272,323	9,807,073	12,552,131	12,954,936	9,733,369	12,790,668	16,506,284	15,539,728	15,198,271	137	127	165
Tennessee	21	362,190	90,826	333,845	397,569	324,648	338,238	280,541	216,738	177,729	355,374	369,951	369,822	12	9	15
Texas[5]	4	10,150														2

Virginia	26	490,617	320,458	391,134	444,976	293,642	256,167	341,815	271,228	251,346	399,885	520,311	513,737	13	13	19
Washington[3]	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1
West Virginia[7]	4	166,758	65,551	228,282	174,661	291,472	274,360	.....	.....	.....	.....	.....	.....	3	4	4
Wisconsin[8]	6	184,794	148,938	348,177	307,200	276,807	303,370	367,326	329,526	372,966	811,325	738,541	750,366	4	5	8
Total	443	13,789,242	15,936,018	25,795,471	27,303,567	23,649,547	29,726,937	30,966,152	23,332,244	29,916,213	39,434,797	38,647,397	39,051,991	371	359	459
Geographic divisions.[10]																
New England and Middle States	208	7,299,398	8,494,905	13,480,499	13,992,968	11,967,429	15,039,510	15,679,841	11,633,436	15,154,798	19,365,990	18,389,994	18,820,915	175	163	210
Southern States	112	2,147,840	2,077,739	2,601,039	2,896,926	2,426,903	2,525,846	2,761,482	2,413,273	2,769,568	4,072,734	4,405,918	3,699,862	61	57	94
Western States	121	4,342,004	5,363,374	9,713,933	10,413,673	9,255,215	12,161,581	12,524,829	9,285,535	11,991,847	15,996,073	15,851,485	16,531,214	135	139	155
Pacific States	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December 31—																
Furnaces in blast	167	232	236	338	206	231	313	205	164	310	333	340	359	.....	.....	.....
Furnaces out of blast	276	174	223	331	267	234	153	257	287	135	115	117	100	.....	.....	.....

[1] In tons of 2,240 pounds.
[2] Includes spiegeleisen, ferromanganese, ferrosilicon, ferrophosphorus, ferrotitanium, ferrovanadium, etc.
[3] In production, Colorado includes Missouri; Washington is also included from 1900; California is included from 1907; Oregon from 1911; and Iowa from 1913.
[4] In production, Massachusetts and Connecticut combined after 1904.
[5] In production, Georgia includes North Carolina and Texas prior to 1904 and Texas only from 1904 to 1911.
[6] In production, Indiana and Michigan combined after 1906.
[7] In production, Kentucky includes Mississippi in 1913 and West Virginia, Georgia, and Mississippi from 1913 to date.
[8] In production, Wisconsin includes Minnesota.
[9] In production, New Jersey includes New York from 1913 to date.
[10] New England and Middle States: Connecticut, Maryland, Massachusetts, New Jersey, New York, Pennsylvania, and West Virginia. Southern States: Alabama, Georgia, Kentucky, Mississippi, North Carolina, Tennessee, Texas, and Virginia. Western States: Colorado, Illinois, Indiana, Michigan, Minnesota, Missouri, Ohio, and Wisconsin. Pacific States: Oregon, Washington, and California. (The production of the Pacific States is included with that of Colorado.)

No. 164.—PIG-IRON PRODUCTION: Quantities[1] and Kinds, Calendar Years 1912 to 1918, by States.

[Sources: Annual reports of the American Iron and Steel Association prior to 1912; for later years, the bureau of statistics of the American Iron and Steel Institute.]

ANTHRACITE AND MIXED ANTHRACITE AND COKE PIG IRON.

State.	1912	1913	1914	1915	1916	1917	1918
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
New York, New Jersey, and Pennsylvania	247,179	300,041	91,464	84,753	217,738	381,048	283,592

CHARCOAL PIG IRON.

State.	1912	1913	1914	1915	1916	1917	1918
Massachusetts, Connecticut, New York, and New Jersey	17,366	12,810	6,606	7,802	5,719	10,527	11,485
Pennsylvania	3,882	4,679	3,226	3,578	2,568	2,436	2,087
Maryland, and Virginia	3,189	3,240	3,719	404	.....	.....	345
Tennessee, Texas, Kentucky, Georgia, and Mississippi	2,866	2,338	3,394	866	2,069	2,783	2,122
Alabama	34,033	32,450	20,158	26,954	39,202	39,964	26,559
Ohio[2]	1,925	2,001	.....	.....	.....	.....	.....
Michigan	231,169	224,079	194,699	217,802	260,623	258,251	246,009
Wisconsin, Missouri, Washington, and California	52,645	58,384	32,122	38,746	61,330	62,564	58,617
Total	[3]347,025	[3]339,981	263,924	296,152	372,411	[3]376,525	347,224

BITUMINOUS COAL AND COKE PIG IRON.

State.	1912	1913	1914	1915	1916	1917	1918
New York	1,939,231	2,187,620	1,559,852	2,104,780	2,352,535	2,412,155	2,861,330
New Jersey[4]	36,876	.....	.....	.....	.....	.....	.....
Pennsylvania	12,301,120	12,650,216	9,638,679	12,702,337	16,285,928	15,161,616	14,922,380
Maryland	218,603	289,959	195,344	251,144	501,452	412,112	373,472
West Virginia	274,360	315,728	236,251	291,040	554,590	555,437	593,955
Kentucky[5]	68,580	.....	.....	.....	.....	.....	.....
Tennessee	335,552	278,206	214,664	177,729	353,072	367,168	367,700
Virginia, North Carolina, Georgia, and Texas	253,921	338,575	267,759	251,346	399,885	526,825	514,457
Alabama	1,828,648	2,025,461	1,806,771	2,022,499	2,723,683	2,913,841	2,561,293
Ohio	6,800,568	7,127,524	5,282,248	6,912,096	8,602,228	8,518,603	8,764,132
Illinois	2,887,359	2,927,832	1,847,451	2,447,220	3,922,512	3,483,096	3,440,307
Indiana, Wisconsin, and Michigan	1,765,941	1,807,660	1,619,554	2,033,230	2,353,188	2,738,406	3,151,811
Minnesota, Missouri, Colorado, Washington, and California	421,974	377,340	308,283	341,887	795,525	790,565	870,338
Total	[6]29,132,733	[6]30,326,130	22,976,856	29,535,308	38,844,598	[6]37,889,824	[6]38,421,175

[1] In tons of 2,240 pounds.
[2] The production of Ohio is included with Tennessee, etc., after 1913.
[3] Includes small quantities of pig iron and ferro alloys made with charcoal, coke, electricity, etc.
[4] The production of New Jersey is included with that of New York after 1912.
[5] The production of Kentucky is included with that of West Virginia after 1912.
[6] Includes small quantities of ferro alloys made with coke and electricity, coal and natural gas, etc.

No. 165.—CRUDE-STEEL PRODUCTION: Quantities and Kinds, 1885 to 1917.

[Sources: Annual reports of the American Iron and Steel Association prior to 1912; for later years, from the bureau of statistics of the American Iron and Steel Institute.]

Calendar year.	Bessemer ingots and castings.	Open-hearth ingots and castings.	Crucible ingots and castings.	All other steels.	Total.
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
1885	1,519,480	133,376	57,599	1,515	1,711,920
1886	2,269,190	218,973	71,973	2,367	2,562,503
1887	2,936,033	322,069	75,375	5,594	3,339,071
1888	2,511,161	314,318	70,279	3,682	2,899,440
1889	2,930,204	374,543	75,865	5,120	3,385,732
1890	3,688,871	513,232	71,175	3,793	4,277,071
1891	3,247,417	579,753	72,586	4,484	3,904,240
1892	4,168,435	669,889	84,709	4,548	4,927,581
1893	3,215,686	737,890	63,613	2,806	4,019,995
1894	3,571,313	784,936	51,702	4,081	4,412,032
1895	4,909,128	1,137,182	67,666	858	6,114,834
1896	3,919,906	1,298,700	60,689	2,394	5,281,689
1897	5,475,815	1,608,671	69,959	3,012	7,156,957
1898	6,609,017	2,230,292	89,747	3,801	8,932,857
1899	7,586,354	2,947,316	101,213	4,974	10,639,857
1900	6,684,770	3,398,135	100,562	4,862	10,188,329
1901	8,713,302	4,656,309	98,513	5,471	13,473,595
1902	9,138,363	5,687,729	112,772	8,386	14,947,250
1903	8,592,829	5,829,911	102,434	9,804	14,534,978
1904	7,859,140	5,908,166	83,391	9,190	13,859,887
1905	10,941,375	8,971,376	102,238	8,963	20,023,947
1906	12,275,830	10,980,413	127,513	14,380	23,398,136
1907	11,667,549	11,549,786	131,234	14,075	23,362,594
1908	6,116,755	7,836,729	63,631	6,132	14,023,247
1909	9,330,783	14,493,936	107,355	22,947	23,955,021
1910	9,412,772	16,504,509	122,303	55,335	26,094,919
1911	7,947,854	15,598,650	97,658	31,949	23,676,106
1912	10,327,901	20,780,723	121,517	21,162	31,251,303
1913	9,545,706	21,599,931	121,226	34,011	31,300,874
1914	6,220,846	17,174,684	89,869	27,631	23,513,030
1915	8,287,213	23,679,102	113,782	70,939	32,151,036
1916	11,059,039	31,415,427	129,692	169,522	42,773,680
1917	10,479,960	34,148,893	126,716	305,038	45,060,607

No. 166.—IRON-ORE PRODUCTION (MARKETED): Quantities, by States, Calendar Years 1912 to 1917.

[Source: Reports of the Geological Survey, Department of the Interior.]

State.	1912	1913	1914	1915	1916	1917
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Alabama	4,776,545	5,333,218	4,514,926	5,134,955	6,798,266	7,101,586
Arkansas and Texas	(1)	(1)	(1)	.....	.....	.....
California, Colorado, Montana, Nevada, New Mexico, Washington, and Wyoming	(1)	(1)	[2] 12,746	[3] 646	[3] 2,584	[3] 2,207
Connecticut and Massachusetts	(1)	(1)	(1)	(1)	(1)	.....
Georgia	135,337	153,336	66,222	101,719	186,083	211,501
Kentucky, Maryland, and West Virginia	(1)	(1)	(1)	[4] 1,500	[4] 2,750	[4] 10,730
Michigan	12,797,468	12,668,560	8,533,280	13,664,437	28,218,627	17,712,916
Minnesota	34,249,813	36,603,331	23,298,547	32,545,236	57,742,643	44,962,127
Missouri	42,120	37,134	36,304	40,290	99,853	38,770
Montana	(1)	2,475	(1)	.....	.....	.....
New Jersey	366,828	291,653	346,820	391,115	1,140,400	474,708
New Mexico	(1)	164,085	(1)	34,806	54,197	231,604
New York	1,167,405	1,420,889	640,252	931,745	2,797,270	1,356,011
North Carolina	(1)	(1)	(1)	(1)	(1)	90,957
Ohio	20,861	8,299	(1)	3,502	8,535	.....
Pennsylvania	522,172	478,693	400,062	367,056	333,697	548,674
Tennessee	416,885	364,092	330,214	283,841	408,204	520,460
Utah	7,280	14,690	(1)	(1)	(1)	.....
Virginia	412,520	492,649	346,382	334,424	696,920	472,337
Wisconsin	1,152,250	896,243	591,595	1,125,269	2,188,012	1,179,709
All other	950,135	713,751	596,930	532,559	610,943	658,910
Total	57,017,614	59,643,098	39,714,280	55,493,100	101,288,984	75,573,207

[1] Included in "All other."
[2] California and Colorado only.
[3] California only.
[4] Maryland only.

No. 167.—IRON AND STEEL MANUFACTURES: Quantities and Kinds, Calendar Years 1913 to 1917.

[Sources: Annual reports of the American Iron and Steel Association prior to 1912; for later years from the bureau of statistics of the American Iron and Steel Institute.]

Article.	1913	1914	1915	1916	1917
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Pig iron	30,966,152	23,332,244	29,916,213	39,434,797	38,647,397
Spiegeleisen and ferromanganese (included with pig iron)	229,883	186,018	247,406	415,534	479,291
Finished iron and steel:					
Rails—					
Bessemer steel	817,591	323,897	326,952	440,092	533,325
Open-hearth steel	2,527,710	1,525,851	1,775,168	2,269,600	2,292,197
Iron	[1] 157,479	[1] 95,347	[1] 102,083	[1] 144,826	[1] 118,639
Total rails	3,502,780	1,945,095	2,204,203	2,854,518	2,944,161
Structural shapes	3,004,972	2,031,124	2,437,003	3,029,964	3,110,000
Wire rods	2,464,807	2,431,714	3,095,907	3,518,746	3,137,138
Plate and sheet, except nail plate and skelp	5,751,037	4,719,246	6,077,694	7,453,980	8,267,616
Nail and spike plate	37,503	38,573	31,929	30,088	22,864
Bar, bolt, hoop, skelp, rolled axles, rolled armor plate, etc	10,030,144	7,204,444	10,546,188	15,493,093	15,585,921
Total finished rolled	24,791,243	18,370,196	24,392,924	32,380,389	33,067,700
Nails:					
Cut nails and cut spikes	[2] 842,038	769,665	775,327	764,835	461,674
Wire nails	[2] 13,559,727	13,132,814	14,583,026	17,147,665	17,040,666
Steel ingots and castings:					
Bessemer	9,545,706	6,220,846	8,287,213	11,059,039	10,479,960
Open-hearth	21,599,931	17,174,684	23,679,102	31,415,427	34,148,893
Crucible	121,226	89,869	113,782	129,692	126,716
All other, including electric	34,011	27,631	70,939	169,522	305,038
Total crude steel	31,300,874	23,513,030	32,151,036	42,773,680	45,060,607
Ore, pig, and scrap blooms for sale	80	5,026	902	5,405	([3])
Tin plates and terneplates	823,719	931,241	1,055,936	1,235,000	1,512,146

[1] Includes electric steel rails; also rails rerolled from old steel rails which the manufacturers could not classify as Bessemer or open-hearth. [2] Kegs of 100 pounds. [3] No data.

No. 168.—TIN-PLATE MANUFACTURES: Quantities, 1899 to 1917.

[Sources: 1899 to 1911, annual reports of the American Iron and Steel Association, excepting 1900 and 1904, figures for which are from census reports; 1912 to 1917 from the bureau of statistics of the American Iron and Steel Institute.]

Calendar year.	Tin plates.	Terne-plates.	Total.
	Pounds net.	*Pounds net.*	*Pounds net.*
1899	.....	.....	808,360,000
1900[1]	707,718,239	141,285,783	849,004,022
1901	.....	.....	894,411,840
1902	.....	.....	806,400,000
1903	.....	.....	1,075,200,000
1904[2]	867,526,985	158,857,866	1,026,384,851
1905	.....	.....	1,105,440,000
1906	1,100,373,000	193,367,000	1,293,740,000
1907	996,650,000	156,447,000	1,153,097,000
1908	1,048,896,000	154,179,000	1,203,075,000
1909	1,179,858,000	190,930,000	1,370,788,000
1910	1,450,821,000	168,184,000	1,619,005,000
1911	1,597,629,000	158,441,000	1,756,070,000
1912	1,965,659,000	191,396,000	2,157,055,000
1913	1,708,186,000	136,944,000	1,845,130,000
1914	1,939,785,000	146,195,000	2,085,980,000
1915	2,201,825,054	163,470,046	2,365,295,700
1916	2,552,224,275	214,176,952	2,766,401,227
1917	3,233,314,560	153,892,480	3,387,207,040

[1] Census year ended May 31. [2] Census year ended Dec. 31.

No. 169.—WOOD-PULP PRODUCTION, IN SHORT TONS: QUANTITY PRODUCED, CALENDAR YEAR 1917, BY STATES AND SPECIES, AND TOTAL QUANTITY PRODUCED, BY STATES, FOR CALENDAR YEAR 1916.

[Source: Forest Service, Department of Agriculture.]

State.	1917					1916
	Mechanical.	Sulphite.	Soda.	Sulphate.	Total.	Total.
	Not steamed.	*Unbleached.*	*Unbleached.*	*Unbleached.*		
Maine	422,195	228,905	(1)	(1)	659,497	745,791
Michigan	13,052	57,413	.....	(1)	77,789	99,601
Minnesota	83,401	(1)	.....	.....	131,843	138,799
New Hampshire	59,933	68,702	.....	.....	128,635	341,365
New York	410,664	231,164	.....	.....	641,828	787,397
Pennsylvania	(1)	36,815	.....	.....	64,161	164,293
Vermont	70,027	(1)	.....	(1)	87,815	73,813
Wisconsin	150,743	181,133	(1)	31,464	363,340	451,651
California, Oregon, and Washington	103,828	99,505	.....	.....	203,333	188,782
All other States [2]	22,425	96,272	34,509	38,534	82,443	240,508
Total	1,336,268	999,909	34,509	69,998	2,440,684	3,232,000
	Steamed.	*Bleached.*	*Bleached.*	*Bleached.*		
Maine	48,482	75,742	115,077	.....	239,301	106,485
Michigan	(3)	10,970	.....	(3)	18,834	.....
New Hampshire	.....	138,010	.....	.....	138,010	.....
New York	65,870	(3)	62,826	.....	156,788	.....
Pennsylvania	.....	(3)	99,571	.....	150,899	52,671
Wisconsin	53,547	36,642	.....	(3)	92,789	.....
All other States [4]	31,786	190,484	125,447	14,801	272,634	43,845
Total	199,685	451,848	402,921	14,801	1,069,255	203,001
Grand total	1,535,953	1,451,757	437,430	84,799	3,509,939	3,435,001

[1] Included in "All other States," unbleached and not steamed.
[2] Includes District of Columbia, Georgia, Massachusetts, Mississippi, North Carolina, Ohio, South Carolina, Texas, Virginia, and West Virginia.
[3] Included in "All other States," bleached and steamed.
[4] Includes Delaware, District of Columbia, Louisiana, Maryland, Massachusetts, Minnesota, North Carolina, Ohio, Tennessee, Vermont, Virginia, Washington, and West Virginia.

No. 170.—EXPLOSIVES: Amounts (Excluding Exports) Manufactured and Used, by States, Calendar Years 1916 and 1917.

[Source: Bureau of Mines, Department of the Interior.]

State.	1916			1917		
	Black blasting powder.	High explosives other than permissible.	Permissible explosives.	Black blasting powder.	High explosives other than permissible.	Permissible explosives.
	Kegs.	*Pounds.*	*Pounds.*	*Kegs.*	*Pounds.*	*Pounds.*
Alabama	194,554	5,412,151	3,547,481	260,017	6,319,574	4,322,120
Alaska	52,156	5,761,280	69,200	86,222	5,083,485	63,700
Arizona	24,194	13,002,555	20,000	31,510	14,992,697	130,300
Arkansas	108,928	1,537,717	116,800	140,081	1,400,070	69,300
California	79,067	13,942,055	10,650	124,048	13,617,199	20,450
Colorado	78,572	8,826,030	788,344	113,583	7,700,225	994,005
Connecticut	1,915	756,000	1,000	752	632,425	750
Delaware	257	41,120	100	186	54,750	.....
District of Columbia [1]	.....	50,500	.....	.....	.....	.....
Florida	2,190	1,548,975	6,000	1,714	1,717,350	760
Georgia	40,655	1,008,825	3,460	41,184	1,002,789	404,540
Idaho	4,980	5,133,090	.....	4,471	5,362,200	.....
Illinois	1,324,802	5,984,889	1,906,280	2,020,412	5,644,191	2,379,350
Indiana	579,080	2,234,801	177,350	1,021,329	2,161,119	242,525
Iowa	322,004	1,840,906	4,950	444,276	1,996,682	2,700
Kansas	511,431	3,334,298	19,425	550,705	4,551,628	221,556
Kentucky	299,072	1,680,448	861,815	545,401	2,169,169	1,042,190
Louisiana	171	1,143,442	21,700	9	1,200,658	62,000
Maine	3,033	501,500	.....	2,313	531,425	.....
Maryland [2]	30,813	1,383,899	18,650	47,043	1,565,975	50,075
Massachusetts	4,734	578,645	2,000	2,977	594,115	13,450
Michigan	23,856	29,691,122	143,058	34,894	29,099,611	155,100
Minnesota	146,211	10,220,182	.....	173,026	11,694,029	.....
Mississippi	2,345	394,166	80	2,260	438,825	500
Missouri	182,255	24,875,757	44,039	227,080	20,930,965	240,470
Montana	100,975	9,162,385	39,200	138,759	7,774,421	51,050
Nebraska	4,130	227,480	1,341	5,002	162,240	1,997
Nevada	7,728	7,378,443	182,500	6,450	7,693,795	.....
New Hampshire	801	103,750	2,500	323	112,900	500
New Jersey	2,525	2,448,034	2,175	2,181	2,434,467	950
New Mexico	33,423	3,061,951	615,925	30,729	3,741,454	730,375
New York	22,341	8,276,568	1,041,155	21,658	8,013,247	1,119,225
North Carolina	20,812	2,070,258	200	23,922	1,816,720	1,050
North Dakota	19,818	316,850	50	32,831	345,480	100
Ohio	426,300	7,089,041	48,701	638,519	7,108,617	82,744
Oklahoma	171,439	4,163,922	388,000	200,609	9,044,506	566,791
Oregon	15,733	2,578,089	2,000	18,171	3,089,516	1,550
Pennsylvania	2,407,226	31,935,073	13,832,192	2,504,344	35,831,445	17,521,706
Rhode Island	178	50,775	.....	283	65,275	.....
South Carolina	15,486	673,050	1,500	7,541	491,000	2,640
South Dakota	2,732	2,272,840	.....	2,699	1,736,930	.....
Tennessee	167,997	4,019,491	230,116	183,151	3,336,285	252,002
Texas	61,948	2,090,640	2,300	69,361	1,766,550	69,100
Utah	44,253	5,408,037	5,142,100	30,135	4,661,250	4,652,950
Vermont	9,769	209,700	400	7,485	338,250	2,000
Virginia	129,164	3,568,615	373,480	148,467	3,289,350	425,775
Washington	48,625	6,546,844	203,700	39,108	6,031,522	388,100
West Virginia	776,713	3,487,171	4,476,595	932,282	4,795,859	6,256,176
Wisconsin	6,630	6,515,032	1,928	5,073	7,256,455	.....
Wyoming	108,980	615,795	334,800	159,265	908,390	498,100
Total	[3] 8,623,001	255,154,787	34,685,240	[3] 11,084,741	262,316,080	43,040,722
	[4] 215,575,025	.....	.....	[4] 277,118,525	.....	.....
Grand total	[4] 505,415,052			[4] 582,475,327		

[1] In 1917 included under Maryland.
[2] In 1917 includes the District of Columbia.
[3] Kegs of 25 pounds each.
[4] Pounds.

No. 171.—CRUDE-PETROLEUM PRODUCTION: QUANTITIES, CALENDAR YEARS 1880, 1890, 1900, AND 1914 TO 1917, BY STATES.

[Source: Reports of the Geological Survey, Department of the Interior.]

State.	1880	1890	1900	1914	1915	1916	1917
	Barrels.[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]
California	40,552	307,360	4,324,484	99,775,327	86,591,535	90,951,936	93,877,549
Colorado	.....	368,842	317,385	222,773	208,475	197,235	121,231
Illinois	.....	900	200	21,919,749	19,041,695	17,714,235	15,776,860
Indiana	.....	63,496	4,874,392	1,335,456	875,758	769,036	759,432
Kansas	.....	1,200	74,714	3,103,585	2,823,487	8,738,077	36,536,125
Kentucky	.....	[2] 6,000	[2] 62,259	[2] 502,441	[2] 437,274	[2] 1,203,246	[2] 3,100,356
Louisiana	.....	.....	.....	14,309,435	18,191,539	15,248,138	11,392,201
Missouri	.....	278	[3] 1,602	[4] 7,702	[4] 14,265	[4] 7,705	.....
Montana	.....	.....	.....	.....	.....	44,917	99,399
New York	(5)	(5)	1,300,925	938,974	887,778	(5)	(5)
Ohio	38,940	16,124,656	22,362,730	8,536,352	7,825,326	7,744,511	7,750,540
Oklahoma [6]	.....	.....	6,472	73,631,724	97,915,243	107,071,715	107,507,471
Pennsylvania	[7] 26,027,631	[7] 28,458,208	13,258,202	8,170,335	7,838,705	[7] 8,466,481	[7] 8,612,885
Texas	.....	54	836,039	20,068,184	24,942,701	27,644,605	32,413,287
West Virginia	179,000	492,578	16,195,675	9,680,033	9,264,798	8,731,184	8,379,285
Wyoming	.....	.....	5,450	3,560,375	4,245,525	6,234,137	8,978,680
Other	.....	.....	.....	.....	.....	.....	[4] 10,300
Total	26,286,123	45,823,572	63,620,529	265,762,535	281,104,104	300,767,158	335,315,601
Total value (dollars)	24,600,638	35,365,105	75,752,691	214,125,215	179,462,890	330,899,868	522,635,213

[1] Barrels of 42 gallons.
[2] Includes Tennessee.
[3] Includes Michigan.
[4] Includes Alaska and Michigan; Missouri had no production in 1917.
[5] Included under Pennsylvania.
[6] Includes Indian Territory prior to 1908
[7] Includes New York.

No. 172.—TOBACCO MANUFACTURES: SNUFF, CIGARS, AND CIGARETTES, CALENDAR YEARS 1909 TO 1917.

[From reports of the Commissioner of Internal Revenue, Treasury Department.]

TOBACCO AND SNUFF.

Year.	Plug.	Twist.	Fine-cut.	Smoking.	Snuff.	Total.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
1909	173,418,223	14,625,975	12,481,100	202,374,654	28,454,958	431,354,910
1910	174,352,625	14,580,022	12,857,930	214,056,402	31,445,178	447,292,157
1911	160,895,589	13,845,761	11,027,986	209,367,475	28,943,754	424,080,565
1912	160,248,195	15,531,133	11,006,561	217,330,409	31,363,651	435,479,949
1913	164,338,510	14,893,789	10,934,526	220,809,688	32,898,056	443,874,569
1914	156,502,776	15,987,339	10,961,100	228,888,866	30,595,640	440,935,721
1915	150,658,608	14,829,376	10,045,001	234,927,827	31,898,407	442,359,219
1916	165,630,918	15,998,082	10,846,358	239,720,776	33,969,594	466,165,728
1917	179,413,107	15,174,350	11,286,561	243,586,164	33,516,802	482,976,984

CIGARS AND CIGARETTES.

Year.	Cigars.		Cigarettes.	
	Weighing more than 3 pounds per thousand.	Weighing not more than 3 pounds per thousand.	Weighing more than 3 pounds per thousand.	Weighing not more than 3 pounds per thousand.
	Number.	*Number.*	*Number.*	*Number.*
1909	6,667,774,915	1,043,023,559	17,794,163	6,818,858,272
1910	6,810,098,416	1,118,135,635	19,374,077	8,644,335,407
1911	7,048,505,033	1,213,832,840	17,058,718	10,469,321,101
1912	7,044,257,235	1,055,191,495	16,600,384	13,167,093,515
1913	7,571,507,834	959,409,161	15,105,776	15,555,692,661
1914	7,174,191,944	1,074,699,103	13,894,359	16,855,626,104
1915	6,599,188,078	965,135,187	15,816,210	17,964,348,272
1916	7,042,127,401	890,482,790	22,192,700	25,290,293,911
1917	7,559,890,349	967,228,920	24,596,110	35,331,264,067

No. 173.—DENATURED ALCOHOL: Number of Denaturing Warehouses and Amounts of Spirits Denatured, Years Ended June 30, 1909 to 1918.

[Source: Reports of the Commissioner of Internal Revenue, Treasury Department.]

Year ended June 30—	Warehouses.	Completely denatured.	Specially denatured.	Total.	
				Wine gallons.	Equivalent in proof gallons.
		Wine gallons.	*Wine gallons.*		
1909	12	2,370,839.70	2,185,579.15	4,556,418.85	7,967,736.4
1910	12	3,076,924.55	3,002,102.55	6,079,027.10	10,605,870.7
1911	14	3,374,019.92	3,507,109.94	6,881,129.86	11,682,887.9
1912	14	4,161,268.56	3,933,246.44	8,094,515.00	13,955,903.8
1913	21	5,223,240.78	4,608,417.76	9,831,658.54	16,953,552.8
1914	25	5,213,129.56	5,191,846.03	10,404,975.59	17,811,078.2
1915	23	5,386,646.96	8,599,821.81	13,986,468.77	25,411,718.8
1916	33	7,871,952.82	38,807,153.56	46,679,106.38	84,532,253.1
1917	44	10,508,919.34	45,170,678.29	55,679,597.63	93,762,422.7
1918	49	10,328,454.61	39,834,561.48	50,163,016.09	90,644,722.8

No. 174.—FATALITIES IN COAL MINES: By States, Calendar Years 1905 to 1917.

[Source: Bureau of Mines, Department of the Interior.]

State.	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917
Alabama	187	96	154	108	129	238	209	123	124	128	63	119	108
Alaska and California	.....	.....	.....	.....	6	.....	.....	2	2	.....	.....	.....	.....
Arkansas	8	13	13	14	15	14	12	6	12	11	8	7	17
Colorado	65	89	107	63	97	323	88	96	108	75	63	43	188
Georgia and North Carolina	.....	.....	.....	.....	2	.....	.....	2	3	1	.....	1	1
Illinois	203	161	192	172	458	143	172	163	164	193	136	128	233
Indiana	46	31	53	45	49	51	46	35	66	44	46	51	76
Iowa	37	29	40	31	39	33	38	19	26	37	34	31	36
Kansas	41	39	37	38	32	17	42	30	28	33	24	54	30
Kentucky	31	39	32	40	34	86	44	51	48	61	64	75	142
Maryland	15	6	3	6	20	18	15	15	13	18	10	32	21
Michigan	9	5	7	6	9	6	7	8	3	2	7	2	4
Missouri	11	16	8	10	21	14	8	19	10	19	17	6	11
Montana	8	13	13	21	11	12	14	7	20	8	13	16	23
New Mexico	7	23	34	24	14	16	11	16	272	18	19	19	16
North Dakota	.....	.....	.....	4	.....	2	1	.....	6	3	1	1	3
Ohio	126	131	154	113	110	159	107	135	165	64	67	108	108
Oklahoma	41	44	39	46	48	39	27	99	23	31	22	26	37
Oregon	.....	.....	.....	.....	1	.....	1	1	.....	1	.....	3	.....
Pennsylvania (anthracite)	644	557	708	678	567	601	699	601	618	595	586	555	582
Pennsylvania (bituminous)	475	476	799	571	500	521	515	446	609	402	438	433	495
Tennessee	29	32	30	34	29	38	111	18	35	26	25	15	28
Texas	.....	.....	.....	.....	4	7	8	2	4	11	1	2	1
Utah	7	4	5	5	15	18	13	19	17	22	11	23	22
Virginia	.....	35	11	.....	27	57	68	75	24	27	48	53	63
Washington	12	22	37	25	39	43	27	14	22	17	46	21	30
West Virginia	212	277	736	310	336	329	341	381	337	556	494	372	384
Wyoming	18	.....	30	81	30	36	32	36	26	51	26	30	37
Total killed	2,232	2,138	3,242	2,445	2,642	2,821	2,656	2,419	2,785	2,454	2,269	2,226	2,696
Number killed per 1,000 men employed	3.63	3.39	4.81	3.60	3.96	3.89	3.65	3.35	3.73	3.22	3.09	3.09	3.56

No. 175.—FATALITIES IN AND ABOUT COAL MINES: Number of Men Killed, by Localities and Causes, Calendar Years 1914 to 1917.

[Source: Bureau of Mines, Department of the Interior.]

Locality and cause.	Number killed.				Percentage of grand total.			
	1914	1915	1916	1917	1914	1915	1916	1917
Killed underground:								
Falls of roof (coal, rock, etc.)	985	919	962	1,147	40.14	40.50	43.22	42.54
Falls of face or pillar coal	146	160	103	71	5.95	7.05	4.63	2.63
Mine cars and locomotives	380	347	390	482	15.48	15.29	17.52	17.88
Gas explosions and burning gas	332	153	170	199	13.53	6.74	7.64	7.38
Coal-dust explosions	17	151	56	163	.69	6.66	2.51	6.05
Explosives (includes premature blasts, explosion of misfires, suffocation by gases from explosives, flying pieces from blasts, etc.)	146	155	146	111	5.95	6.83	6.56	4.12
Suffocation from mine gases	14	16	12	12	.57	.71	.54	.45
Electricity (shock or burns)	89	89	90	79	3.63	3.92	4.04	2.93
Animals	7	3	8	10	.29	.13	.38	.37
Mining machines	20	12	20	18	.82	.53	.90	.67
Mine fires (burned, suffocated, etc.)	7	1	3	2	.29	.05	.13	.07
Other causes	57	63	67	85	2.32	2.78	3.01	3.15
Total	2,200	2,069	2,027	2,379	89.66	91.19	91.06	88.24
Killed in shaft:								
Falling down shafts or slopes	70	31	31	26	2.85	1.36	1.39	.96
Objects falling down shafts or slopes	5	2	2	5	.20	.09	.09	.19
Cages or skips	12	7	12	17	.49	.31	.54	.63
Other causes	1	.....	4	4	.04	.....	.18	.15
Total	88	40	49	52	3.58	1.76	2.20	1.93
Killed on the surface:								
Mine cars and mine locomotives	68	62	59	96	2.77	2.73	2.65	3.56
Electricity (shock or burns)	11	10	7	16	.45	.44	.31	.59
Machinery	26	26	22	45	1.06	1.15	.99	1.67
Boiler explosions or bursting steam pipes	5	6	4	6	.20	.26	.18	.22
Railway cars and locomotives	13	14	16	18	.53	.62	.72	.67
Other causes	43	42	42	84	1.75	1.85	1.89	3.12
Total	166	160	150	265	6.76	7.05	6.74	9.83
Grand total	2,454	2,269	2,226	2,696	100.00	100.00	100.00	100.00

No. 176.—FATALITIES IN METAL MINES: By States, Calendar Years 1913 to 1917.

[Source: Bureau of Mines, Department of the Interior.]

State.	1913	1914	1915	1916	1917	State.	1913	1914	1915	1916	1917
Alabama	22	25	12	27	32	New Mexico	28	5	4	21	13
Alaska	25	19	22	29	30	New York	14	11	8	16	13
Arizona	86	63	41	68	80	North Carolina	4	8	.....	.....	1
Arkansas	.....	.....	1	1	.....	Ohio	.....	.....	2	1	.....
California	52	41	49	42	44	Oklahoma	1	3	4	5	18
Colorado	44	47	49	63	47	Oregon	3	1	2	1	1
Florida	14	10	3	4	7	Pennsylvania	.....	.....	1	4	.....
Georgia	1	1	1	4	4	South Dakota	8	4	6	6	7
Idaho	24	25	25	15	24	Tennessee	10	18	8	11	11
Illinois	1	.....	3	4	3	Texas	1	.....	1	2	.....
Iowa	.....	.....	2	1	.....	Utah	36	29	23	24	26
Kansas	4	1	2	3	4	Vermont	1	.....	1	2	.....
Kentucky	.....	2	.....	.....	.....	Virginia	12	2	1	3	8
Michigan	82	99	99	128	109	Washington	4	.....	4	3	4
Minnesota	63	43	36	42	63	Wisconsin	11	11	8	17	12
Missouri	34	25	44	35	36	Wyoming	.....	.....	2	1	1
Montana	64	39	62	75	214	Other States	1	1	.....	1	.....
Nevada	25	22	18	30	31						
New Hampshire	.....	.....	.....	.....	.....	Total	683	559	553	697	852
New Jersey	8	4	9	8	9						

No. 177.—FATALITIES IN AND ABOUT METAL MINES: NUMBER KILLED, BY LOCALITIES AND CAUSES, CALENDAR YEARS 1914 TO 1917.

[Source: Bureau of Mines, Department of the Interior.]

Locality and cause.	Number killed.				Percentage of grand total.			
	1914	1915	1916	1917	1914	1915	1916	1917
Killed underground:								
Fall of rock or ore from roof or wall	185	191	217	206	33.09	34.54	31.13	24.18
Rock or ore while loading at working face or chute	7	10	10	15	1.25	1.81	1.43	1.76
Timber or hand tools	3	7	2	2	.54	1.27	.29	.23
Explosives	49	72	74	69	8.76	13.02	10.62	8.10
Haulage	31	18	33	36	5.55	3.25	4.74	4.23
Persons falling down chute, winze, raise, or stope	48	45	40	56	8.59	8.14	5.74	6.57
Run of ore from chute or pocket	5	10	11	7	.89	1.81	1.58	.82
Drilling	3	1	.....	2	.54	.18	.....	.23
Electricity	8	10	17	11	1.43	1.81	2.44	1.29
Machinery (not including locomotives or drills)	1	.....	2	3	.18	.....	.29	.35
Mine fires	10	.....	27	165	1.79	.....	3.87	19.37
Suffocation from natural gases	1	3	6	6	.18	.54	.86	.70
Inrush of water	8	3	1	4	1.43	.54	.14	.47
Nails or splinters	.....	1	2	.....	.....	.18	.29	.....
Other causes	7	3	23	23	1.25	.54	3.30	2.70
Total	366	374	465	605	65.47	67.63	66.72	71.01
Killed in shaft:								
Falling down shafts	34	34	45	41	6.08	6.15	6.46	4.81
Objects falling down shafts	10	13	18	21	1.79	2.35	2.58	2.47
Breaking of cables	2	2	2	4	.36	.36	.29	.47
Overwinding	.....	1	2	3	.....	.18	.29	.35
Cage, skip, or bucket	43	20	33	41	7.70	3.62	4.73	4.81
Other causes	11	7	9	12	1.96	1.27	1.29	1.41
Total	100	77	109	122	17.89	13.93	15.64	14.32
Killed on surface (yards and shops):								
Mine cars, mine locomotives, gravity or aerial trams	3	4	9	7	.54	.72	1.29	.82
Railway cars and locomotives	7	7	5	7	1.25	1.27	.72	.82
Run or fall of ore in or from ore bins	5	2	2	.....	.89	.36	.29	.....
Falls of persons	4	3	15	13	.72	.54	2.15	1.53
Nails or splinters	.....	.....	1	.....	.....	.....	.14	.....
Hand tools, axes, bars, etc.	.....	.....	.....	.....	.....	.....	.....	.....
Electricity	6	1	7	6	1.07	.18	1.01	.70
Machinery	4	6	12	6	.72	1.09	1.72	.70
Other causes	8	25	25	26	1.43	4.52	3.58	3.05
Total	37	48	76	65	6.62	8.68	10.90	7.63
Killed at open-pit mines:								
Falls or slides of rock or ore	18	12	8	17	3.22	2.17	1.15	2.00
Explosives	11	6	15	10	1.96	1.09	2.15	1.18
Haulage (mine cars and locomotives, railway cars, etc.)	9	19	13	23	1.61	3.43	1.87	2.70
Steam shovels	1	1	1	2	.18	.18	.14	.23
Falls of persons	4	6	2	2	.72	1.09	.29	.23
Falls of derricks, booms, etc.	1	1	1	.....	.18	.18	.14	.....
Run or fall of ore in or from ore bins	.....	.....	.....	.....	.....	.....	.....	.....
Machinery (other than locomotives or steam shovels)	5	2	1	1	.89	.36	.14	.12
Electricity	3	3	2	2	.54	.54	.29	.23
Hand tools	.....	.....	.....	.....	.....	.....	.....	.....
Other causes	4	4	4	3	.72	.72	.57	.35
Total	56	54	47	60	10.02	9.76	6.74	7.04
Grand total	559	553	695	852	100.00	100.00	100.00	100.00

No. 178.—ACCIDENTS AT SMELTING AND ORE-DRESSING PLANTS AND COKE OVENS: Number Killed and Injured, by Causes and by States, Calendar Years 1913 to 1917.

[Source: Bureau of Mines, Department of the Interior.]

SMELTING PLANTS.

Cause and State.	Killed.					Injured.				
	1913	1914	1915	1916	1917	1913	1914	1915	1916	1917
Cause:										
Haulagesystem(cars,motors,etc.)	5	3	10	4	7	386	495	529	814	693
Railway cars and locomotives	5	7	2	2	4	75	111	61	117	113
Cranes	4	.....	2	5	3	68	55	58	130	146
Other machinery	8	3	5	3	9	253	250	290	385	375
Falls of persons	10	6	3	9	8	364	620	499	757	564
Suffocation in ore bins	1	2	1	1	1	13	1	8	1	73
Flying or falling objects (rocks, timbers, etc.)	3	1	1	4	2	603	1,052	914	1,438	1,107
Gas (burns or asphyxiation)	.....	.....	3	1	.....	18	59	68	112	48
Scalding (steam or water)	.....	1	2	1	2	45	62	46	132	76
Electricity	2	2	4	1	9	57	49	46	36	37
Hand tools, axes, bars, etc	.....	.....	.....	.....	.....	423	586	633	875	736
Nails, splinters, etc	.....	.....	.....	.....	.....	79	96	146	252	208
Burns from matte, slag, or molten metal (pouring or spilling)	4	2	3	1	2	777	959	894	2,163	1,488
Hot-metal explosions	2	.....	1	3	2	148	162	160	217	242
Other causes	3	6	1	1	4	938	1,116	1,366	2,227	1,839
Total	47	33	38	36	53	4,247	5,673	5,718	9,656	7,745
State:										
Arizona	15	3	7	1	10	805	553	574	1,112	1,184
Arkansas [1]	.....	.....	.....	.....	.....	.....	.....	.....	154	83
California	2	1	.....	1	5	144	163	163	224	188
Colorado	1	2	6	1	1	295	636	404	508	331
Illinois	2	3	2	2	3	271	697	782	1,356	749
Kansas	.....	.....	1	3	1	63	89	408	695	283
Maryland [2]	.....	.....	.....	1	2	.....	.....	.....	605	359
Michigan [1]	.....	.....	.....	1	.....	.....	.....	.....	251	164
Missouri	.....	.....	3	2	2	353	257	304	317	437
Montana	4	6	6	3	.....	390	538	457	333	238
Nevada	5	1	.....	.....	3	128	33	58	90	132
New Jersey	2	3	4	6	5	200	622	630	646	677
New York	1	1	(3)	1	.....	15	49	(3)	361	.....
Oklahoma	3	1	1	1	4	121	97	262	817	895
Pennsylvania	.....	1	2	3	3	251	205	339	610	608
South Dakota	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Tennessee	.....	1	1	1	.....	372	326	249	241	.....
Texas [1]	.....	.....	.....	.....	.....	.....	.....	.....	179	164
Utah	10	5	3	8	9	554	605	437	622	556
Vermont	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Virginia [1]	.....	.....	.....	.....	.....	.....	.....	.....	39	.....
Washington [1]	.....	.....	.....	1	.....	.....	.....	.....	135	.....
West Virginia	1	.....	1	.....	1	86	61	106	148	182
Wisconsin [1]	.....	.....	.....	.....	.....	.....	.....	.....	1	36
Other States	1	5	1	.....	4	199	742	545	209	479
Total	47	33	38	36	53	4,247	5,673	5,718	9,656	7,745

ORE-DRESSING PLANTS.

Cause:										
Haulage system	1	.....	3	3	7	98	79	106	146	135
Railway cars and locomotives	1	3	2	4	4	34	38	17	42	29
Crushers, rolls, or stamps	.....	2	5	.....	3	64	64	129	168	112
Tables, jigs, etc	.....	.....	.....	.....	2	65	46	59	82	61
Other machinery	2	6	7	11	9	219	170	299	336	282
Falls of persons	3	3	6	2	9	238	205	249	373	399
Suffocation in ore bins	1	2	3	3	3	.....	2	3	4	6
Falling objects (rocks, timbers, etc.)	3	3	.....	1	4	367	222	192	363	371
Cyanide or other poisoning	1	.....	.....	.....	.....	8	9	23	13	24
Scalding (steam or water)	.....	.....	.....	2	1	24	9	12	35	18
Electricity	1	2	3	2	4	21	30	38	53	40
Hand tools, axes, bars, etc	.....	.....	.....	1	.....	199	133	235	360	249
Nails, splinters, etc	.....	.....	.....	.....	.....	74	78	131	171	193
Flying pieces of rock from sledging or crushing	.....	.....	.....	.....	.....	132	50	76	109	302
Other causes	3	2	1	4	1	434	299	526	929	731
Total	16	23	30	33	47	1,977	1,434	2,095	3,184	2,952

[1] Included in "Other States" prior to 1916. [2] No report received prior to 1916. [3] No report received.

No. 178.—Accidents at Smelting and Ore-Dressing Plants and Coke Ovens: Number Killed and Injured, by Causes and by States, Calendar Years 1913 to 1917—Continued.

ORE-DRESSING PLANTS—Continued.

Cause and State.	Killed.					Injured.				
	1913	1914	1915	1916	1917	1913	1914	1915	1916	1917
State:										
Alabama	.....	.....	1	.....	1	16	1	6	9	7
Alaska	(1)	1	.....	.....	3	(1)	30	73	127	141
Arizona	4	5	1	3	6	335	287	350	524	578
Arkansas [2]	.....	.....	.....	.....	.....	.....	.....	2	20	11
California	.....	1	2	.....	.....	36	111	91	118	30
Colorado	5	2	7	4	7	127	103	153	176	214
Georgia [2]	.....	.....	.....	.....	.....	.....	.....	3	9	1
Idaho	1	1	1	.....	.....	30	19	55	75	62
Illinois	.....	.....	.....	.....	.....	34	3	3	4	9
Kansas [2]	.....	.....	.....	.....	.....	.....	.....	2	7	15
Maryland [2]	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Michigan	.....	1	.....	2	2	25	51	112	137	88
Minnesota [2]	.....	.....	.....	.....	.....	.....	.....	22	48	40
Missouri	1	2	2	1	2	209	180	155	186	175
Montana	1	4	5	3	6	189	121	292	168	148
Nevada	.....	2	4	1	4	83	83	147	133	117
New Jersey	.....	.....	1	3	2	29	27	26	45	57
New Mexico	1	.....	2	4	1	111	95	131	310	183
New York	.....	.....	1	4	1	.....	12	38	73	77
North Carolina [2]	.....	.....	.....	.....	.....	.....	.....	4	3	14
Oklahoma	.....	.....	.....	.....	2	11	35	3	15	208
Oregon	.....	.....	.....	.....	.....	3	5	11	2	6
Pennsylvania [2]	.....	.....	.....	.....	.....	.....	.....	.....	1	1
South Dakota	.....	.....	.....	.....	.....	34	10	33	51	23
Tennessee	.....	.....	.....	1	1	13	1	27	48	40
Texas	.....	.....	.....	.....	.....	.....	7	.....	7	6
Utah	2	4	2	5	5	531	211	263	711	496
Vermont [2]	.....	.....	.....	.....	.....	.....	.....	3	8	13
Virginia	.....	.....	1	1	.....	20	5	35	43	16
Washington [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
West Virginia [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	.....	.....	.....	.....	3	68	16	51	90	150
Other States	1	.....	.....	1	1	73	21	4	35	18
Total	16	23	30	33	47	1,977	1,434	2,095	3,184	2,952

COKE OVENS.

Cause:										
Cars, lorries, and motors	13	5	10	9	17	122	135	123	369	574
Railway cars and locomotives	7	9	4	10	18	150	71	139	189	336
Coke-drawing machines	6	4	2	2	3	60	71	96	189	261
Electricity	5	5	1	3	2	43	24	16	33	50
Falls of persons	4	6	4	7	8	341	314	387	764	935
Hand tools	.....	1	.....	.....	.....	336	299	322	503	715
Suffocation from gases	1	.....	2	.....	5	27	11	17	16	40
Burns	2	2	7	2	6	379	299	349	802	837
Gas explosions	(3)	(3)	(3)	.....	1	(3)	(3)	(3)	26	38
Other causes	8	13	8	12	16	1,056	965	1,403	2,346	2,927
Total	46	45	38	45	76	2,514	2,189	2,852	5,237	6,713
State:										
Alabama	3	5	6	2	5	534	302	509	564	655
Colorado	2	2	1	1	.....	10	4	13	13	14
Illinois	2	3	2	3	5	589	419	449	328	831
Indiana	(4)	(4)	3	4	6	(4)	(4)	155	514	317
Kentucky	1	2	.....	1	1	45	127	98	305	263
New Mexico	(4)	(4)	(4)	2	.....	(4)	(4)	(4)	6	10
Ohio	.....	5	.....	.....	5	57	112	160	337	318
Pennsylvania	28	21	16	25	40	564	567	844	2,108	1,921
Tennessee	.....	.....	.....	.....	.....	3	2	38	64	29
Virginia	1	2	2	2	1	8	9	10	59	48
Washington	(4)	(4)	.....	.....	.....	(4)	(4)	34	19	13
West Virginia	1	1	.....	.....	3	29	34	28	93	80
Other States	8	4	8	5	10	675	613	514	827	2,214
Total	46	45	38	45	76	2,514	2,189	2,852	5,237	6,713

[1] No report received.
[2] Included in "Other States" prior to 1915.
[3] Not segregated.
[4] Included in "Other States."

No. 179.—FATALITIES IN QUARRIES: By States, Calendar Years 1913 to 1917.

[Source: Bureau of Mines, Department of the Interior.]

State.	1913	1914	1915	1916	1917	State.	1913	1914	1915	1916	1917
Alabama	2	2	2	3	3	Ohio	12	6	13	9	6
Arizona	1	.....	.....	.....	.....	Oklahoma	1	.....	.....	1	.....
Arkansas	.....	.....	1	.....	2	Oregon	.....	.....	2	1	.....
California	19	8	10	11	10	Pennsylvania	42	31	38	37	23
Colorado	1	.....	1	4	1	Rhode Island	2	2	1	1	.....
Connecticut	3	3	4	.....	3	South Carolina	.....	1	.....	.....	2
Georgia	1	1	2	.....	.....	South Dakota	.....	.....	.....	.....	.....
Illinois	9	10	1	14	8	Tennessee	5	2	.....	.....	2
Indiana	5	5	1	7	6	Texas	1	3	3	2	1
Iowa	1	1	2	2	2	Utah	1	.....	.....	2	1
Kansas	2	4	1	5	4	Vermont	14	9	9	9	5
Kentucky	4	4	.....	1	1	Virginia	7	8	1	7	2
Maine	3	3	3	4	.....	Washington	5	7	5	3	1
Maryland	2	7	7	2	4	West Virginia	2	7	3	1	5
Massachusetts	5	4	9	9	7	Wisconsin	8	7	5	3	3
Michigan	5	7	3	4	1	Other States	.....	.....	.....	1	1
Minnesota	2	5	.....	5	2						
Missouri	5	7	6	3	5	Total killed	183	180	148	173	131
Montana	1	.....	1	1	9	Number killed per 1,000 men employed	1.72	2.05	1.47	1.91	1.59
Nebraska	.....	1	.....	.....	.....						
New Hampshire	1	.....	1	.....	.....						
New Jersey	1	8	4	3	5	Number killed per 1,000, 300-day workers	2.10	2.64	1.80	2.26	1.83
New Mexico	2	2	2	1	.....						
New York	7	12	7	16	5						
North Carolina	1	2	.....	1	1						

No. 180.—FATALITIES CONNECTED WITH QUARRIES: By Causes, Calendar Years 1913 to 1917.

[Source: Bureau of Mines, Department of the Interior.]

Cause.	1913	1914	1915	1916	1917
In and about quarries:					
Falls or slides of rock or overburden	27	53	45	33	24
Rock while loading at working face	11	6	5	6	2
Timber or hand tools	3	.....	1	1	2
Explosives (includes premature blasts, explosion of misfires, flying pieces from blasts, etc.)	44	35	28	28	21
Haulage accidents (by quarry cars and locomotives)	20	20	11	15	15
Falling into quarry from surface, benches, or face	10	15	10	8	7
Falling from hoists, derricks, ladders, etc.	3	3	4	4	1
Drilling accidents (by machine or hand drills)	3	.....	1	.....	2
Electricity (shock or burns)	2	2	2	4	2
Machinery (pumps and hoisting machinery)	8	8	6	6	5
Flying pieces of rock from sledging	2	.....	1	1	3
Boiler explosions	.....	1	.....	.....	1
Animals	1	4	.....	.....	.....
Other causes	8	7	5	8	6
Total	142	154	119	114	91
In rock-dressing and mill accidents:					
Haulage system (cars, motors, etc.)	4	1	1	3	4
Railway cars or locomotives	8	6	6	10	9
Other machinery	12	3	5	23	10
Falls of persons	4	5	3	2	7
Hand tools	.....	2	.....	.....	1
Electricity (shock or burns)	3	1	1	3	.....
Other causes	10	8	13	18	9
Total	41	26	29	59	40
Grand total	183	180	148	173	131