AGRICULTURE, FORESTRY, AND FISHERIES.

No. 87.—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 area 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. 88.—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	11,038,731	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	12,222,839	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	26,350	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	25,428,899	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	2,386,889	3,913,057	6,299,946	106.2	37.9
	1910	60,016	2,360,657	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	48,923	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	1,292,132	1,854,932	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. 88.—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	67.3
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	220,803	7,594,428	10,646,308	18,240,736	82.6	41.6
	1910	274,382	9,008,310	9,549,223	18,557,533	67.6	48.5
Missouri	1890	238,043	19,792,313	10,987,977	30,780,290	129.3	64.3
	1900	284,886	22,900,043	11,097,830	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	929,135	2,320,273	3,249,458	120.1	28.6
New Jersey	1890	30,828	1,999,117	662,892	2,662,009	86.4	75.1
	1900	34,650	1,977,042	863,924	2,840,966	82.0	69.6
	1910	33,487	1,863,336	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	16,389,380	5,572,182	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	4,656,015	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	5,013,584	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	19,227,989	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	17,551,387	11,308,016	28,859,353	151.7	60.8
Oregon	1890	25,530	3,546,000	3,393,888	6,909,888	270.7	50.9
	1900	35,837	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	6,498	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	176,434	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	15,827,203	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	221,623	10,245,950	10,096,108	20,342,058	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. 88.—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	476,831	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	10,987	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	943,186	58,264,273	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	183,446	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	141,551	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. 36.

No. 89.—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	113,032,614	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. 90.—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	71,309,416	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	4,935,573	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	16,364,198	74,058,292	400,089,303
California	1890	[1] 697,116,630	(1)	14,689,710	[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	127,599,938	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	72,206,058	66,113,163	6,916,648	14,163,902	159,399,771
Delaware	1890	[1] 39,586,080	(1)	1,835,570	4,198,810	45,620,460
	1900	28,768,820	10,667,220	2,150,560	4,111,054	40,697,654
	1910	34,938,161	18,217,822	3,206,095	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	7,193,950	1,037,393	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	93,738,065	24,407,924	4,446,007	20,591,187	143,183,183
Georgia	1890	[1] 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	219,953,316	25,112,509	10,476,051	49,775,309	305,317,185
Illinois	1890	[1] 1,262,870,587	(1)	34,456,938	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	3,090,411,148	432,381,422	73,724,074	308,804,431	3,905,321,075

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

[2] Including estimated value of range animals.

No. 90.—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	39,188,250	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	88,636,149	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	49,916,235	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)	5,963,865	33,936,435	167,328,457
	1900	114,856,660	37,150,340	9,556,865	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)	21,830,719	138,701,173	786,390,253
	1900	695,470,723	148,568,490	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	52,161,833	117,859,823
	1910	226,771,302	24,854,628	10,539,653	85,663,187	347,828,770
Nebraska	1890	[1] 402,358,913	(1)	16,468,977	92,971,920	511,799,810
	1900	486,605,960	91,054,120	24,940,450	145,349,587	747,950,057
	1910	1,614,539,313	198,807,622	44,249,708	222,222,004	2,079,818,647
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	41,397,014	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	93,360,930	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	17,323,709	3,565,105	1,151,610	31,727,400	53,767,824
	1910	98,806,497	13,024,502	4,122,312	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	125,583,715	1,069,723,895
	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	730,380,131	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. 90.—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	1,235,894,812	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	27,088,866	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	297,525,302
	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	15,232,670	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] 138,469,274	[3] 552,127,104
	1900	591,550,802	100,222,811	30,125,705	240,576,955	962,476,273
	1910	1,633,207,135	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	18,063,168	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	7,533,490	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	70,963,120	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	289,694,462	52,956,579	158,529,483	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	3,581,520	1,366,000	39,145,877	67,477,407
	1910	88,908,276	9,007,001	3,668,294	65,605,510	167,189,031
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)	23,783,288	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	3,973,023,780	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. 36.

No. 90.—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)	27,019,876	[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	601,204,180
	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. 91.—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	1,265,149,783	[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. 92.—POTATO CROP: Estimated Acreage, Production, and Value, 1908 to 1916, and in 1917 by States.[1]

[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	41,000	2,952,000	5,373,000	182	72	131.04
Arizona	4,000	420,000	630,000	150	105	157.50
Arkansas	30,000	2,400,000	3,768,000	157	80	125.60
California	105,000	15,225,000	22,838,000	150	145	217.50
Colorado	70,000	9,310,000	8,472,000	91	133	121.03
Connecticut	29,000	3,190,000	5,232,000	164	110	180.40
Delaware	13,000	1,235,000	1,606,000	130	95	123.50
Florida	25,000	2,275,000	4,664,000	205	91	186.55
Georgia	19,000	1,596,000	3,112,000	195	84	163.80
Idaho	39,000	6,084,000	4,806,000	79	156	123.24
Illinois	150,000	13,500,000	20,520,000	152	90	136.80
Indiana	92,000	8,464,000	11,765,000	139	92	127.88
Iowa	138,000	13,110,000	17,174,000	131	95	124.45
Kansas	78,000	4,446,000	6,758,000	152	57	86.64
Kentucky	70,000	6,720,000	9,408,000	140	96	134.40
Louisiana	25,000	1,600,000	2,944,000	184	64	117.76
Maine	150,000	20,250,000	26,325,000	130	135	175.50
Maryland	60,000	6,000,000	7,140,000	119	100	119.00
Massachusetts	38,000	4,370,000	7,648,000	175	115	201.25
Michigan	378,000	35,910,000	37,706,000	105	95	99.75
Minnesota	300,000	33,600,000	30,576,000	91	112	101.92
Mississippi	14,000	1,092,000	1,835,000	168	78	131.04
Missouri	109,000	9,483,000	12,992,000	137	87	119.19
Montana	57,000	5,415,000	5,523,000	102	95	96.90
Nebraska	147,000	12,495,000	13,370,000	107	85	90.95
Nevada	15,000	3,105,000	3,726,000	120	207	248.40
New Hampshire	21,000	2,247,000	3,752,000	167	107	178.69
New Jersey	98,000	11,172,000	15,753,000	141	114	160.74
New Mexico	11,000	1,276,000	2,105,000	165	116	191.40
New York	400,000	38,000,000	49,400,000	130	95	123.50
North Carolina	50,000	4,500,000	6,435,000	143	90	128.70
North Dakota	90,000	3,870,000	5,031,000	130	43	55.90
Ohio	160,000	16,000,000	22,880,000	143	100	143.00
Oklahoma	36,000	2,484,000	4,471,000	180	69	124.20
Oregon	75,000	8,100,000	6,480,000	80	108	86.40
Pennsylvania	321,000	29,532,000	39,868,000	135	92	124.20
Rhode Island	5,000	675,000	1,181,000	175	135	236.25
South Carolina	15,000	1,440,000	3,024,000	210	96	201.60
South Dakota	80,000	7,200,000	7,992,000	111	90	99.90
Tennessee	52,000	4,888,000	6,159,000	126	94	118.44
Texas	46,000	2,760,000	5,796,000	210	60	126.00
Utah	23,000	4,347,000	3,391,000	78	189	147.42
Vermont	30,000	3,000,000	4,200,000	140	100	140.00
Virginia	200,000	19,800,000	24,750,000	125	99	123.75
Washington	79,000	9,875,000	9,085,000	92	125	115.00
West Virginia	65,000	7,475,000	9,867,000	132	115	151.80
Wisconsin	307,000	34,998,000	31,498,000	90	114	102.60
Wyoming	30,000	4,650,000	4,836,000	104	155	161.20
Total, 1917	4,390,000	442,536,000	543,865,000	122.9	100.8	123.89
1908	3,257,000	278,985,000	197,039,000	70.6	85.7	60.50
1909	3,525,000	376,537,000	206,545,000	54.9	106.8	58.59
1910	3,720,000	349,032,000	194,566,000	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

[1] Does not include sweet potatoes.

No. 93.—HAY CROP: ESTIMATED ACREAGE, PRODUCTION, AND VALUE, 1909 TO 1916, AND IN 1917 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	1,448,000	1,158,000	18,760,000	16.20	0.80	12.96
Arizona	157,000	550,000	13,640,000	24.80	3.50	86.80
Arkansas	390,000	573,000	8,824,000	15.40	1.47	22.64
California	2,400,000	4,560,000	87,552,000	19.20	1.90	36.48
Colorado	970,000	2,376,000	39,442,000	16.60	2.45	40.67
Connecticut	350,000	525,000	10,238,000	19.50	1.50	29.25
Delaware	78,000	98,000	2,009,000	20.50	1.26	25.83
Florida	160,000	110,000	2,002,000	18.20	1.10	20.02
Georgia	535,000	562,000	11,240,000	20.00	1.05	21.00
Idaho	725,000	2,175,000	34,800,000	16.00	3.00	48.00
Illinois	2,750,000	3,438,000	68,760,000	20.00	1.25	25.00
Indiana	2,146,000	3,004,000	56,175,000	18.70	1.40	26.18
Iowa	3,160,000	3,887,000	65,302,000	16.80	1.23	20.66
Kansas	1,478,000	2,217,000	36,802,000	16.60	1.50	24.90
Kentucky	975,000	1,268,000	25,740,000	20.30	1.30	26.39
Louisiana	230,000	416,000	5,949,000	14.30	1.60	22.88
Maine	1,160,000	1,566,000	17,383,000	11.10	1.35	14.98
Maryland	442,000	552,000	10,985,000	19.90	1.25	24.88
Massachusetts	460,000	690,000	13,731,000	19.90	1.50	29.85
Michigan	2,558,000	3,837,000	65,996,000	17.20	1.50	25.80
Minnesota	1,850,000	2,868,000	34,703,000	12.10	1.55	18.76
Mississippi	261,000	371,000	5,676,000	15.30	1.42	21.73
Missouri	3,180,000	3,657,000	63,998,000	17.50	1.15	20.12
Montana	759,000	1,063,000	19,772,000	18.60	1.40	26.04
Nebraska	1,590,000	2,544,000	38,669,000	15.20	1.60	24.32
Nevada	234,000	679,000	10,796,000	15.90	2.90	46.11
New Hampshire	506,000	683,000	8,196,000	12.00	1.35	16.20
New Jersey	350,000	508,000	10,160,000	20.00	1.45	29.00
New Mexico	202,000	384,000	8,064,000	21.00	1.90	39.90
New York	4,185,000	6,110,000	92,261,000	15.10	1.46	22.05
North Carolina	440,000	528,000	10,402,000	19.70	1.20	23.64
North Dakota	550,000	484,000	5,566,000	11.50	.88	10.12
Ohio	2,925,000	4,154,000	78,926,000	19.00	1.42	26.98
Oklahoma	575,000	920,000	14,168,000	15.40	1.60	24.64
Oregon	840,000	1,638,000	28,665,000	17.50	1.95	34.12
Pennsylvania	3,092,000	4,329,000	75,758,000	17.50	1.40	24.50
Rhode Island	60,000	90,000	1,827,000	20.30	1.50	30.45
South Carolina	250,000	280,000	5,768,000	20.60	1.12	23.07
South Dakota	735,000	1,102,000	11,681,000	10.60	1.50	15.90
Tennessee	892,000	1,142,000	22,041,000	19.30	1.28	24.70
Texas	450,000	450,000	9,000,000	20.00	1.00	20.00
Utah	392,000	1,137,000	17,055,000	15.00	2.90	43.50
Vermont	945,000	1,531,000	17,606,000	11.50	1.62	18.63
Virginia	850,000	986,000	21,002,000	21.30	1.16	24.71
Washington	808,000	1,778,000	35,560,000	20.00	2.20	44.00
West Virginia	790,000	1,003,000	21,163,000	21.10	1.27	26.80
Wisconsin	2,703,000	4,595,000	79,494,000	17.30	1.70	29.41
Wyoming	560,000	952,000	16,184,000	17.00	1.70	28.90
Total, 1917	53,516,000	79,528,000	1,359,491,000	17.09	1.49	25.40
1909	45,744,000	64,938,000	689,345,000	10.62	1.42	15.07
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

No. 94.—CEREAL CROPS: Estimated Production and Value, 1866 to 1917.

[Source: Reports of the Department of Agriculture.]

CORN.

Period.[1]	Total— Area.	Total— Production.	Total— Farm value Dec. 1.	Average— Farm value per bushel Dec. 1.	Average— Yield per acre.	Average— Farm value of yield per acre Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
1866-75[2]	32,715,700	969,947,600	454,534,800	47.8	26.1	12.48
1876-85[2]	60,742,800	1,557,465,400	608,203,600	40.1	25.5	10.23
1886-90[2]	74,810,021	1,742,450,800	657,226,326	37.7	23.3	8.78
1891-95[2]	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	6.05
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	629,210,119	30.3	25.3	7.66
1900	83,320,872	2,105,102,516	751,220,064	35.7	25.3	9.02
1901	91,349,928	1,522,519,891	921,555,763	60.5	16.7	10.09
1902	94,043,613	2,523,643,312	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	11.83
1906	96,737,581	2,927,416,091	1,166,626,479	39.9	30.3	12.06
1907	99,931,000	2,592,329,000	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	105,325,000	2,531,488,000	1,565,258,000	61.8	23.9	14.77
1912	107,093,000	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	64.4	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	2,506,927,000	2,280,729,000	88.9	24.4	21.66
1917	119,755,000	3,159,434,000	4,053,672,000	128.3	26.4	33.85

WHEAT.

Period.[1]	Total— Area.	Total— Production.	Total— Farm value Dec. 1.	Average— Farm value per bushel Dec. 1.	Average— Yield per acre.	Average— Farm value of yield per acre Dec. 1.
1866-75[2]	20,470,300	244,672,300	257,586,800	108.6	11.9	12.92
1876-85[2]	34,144,400	419,940,800	554,049,800	92.6	12.3	11.39
1886-90[2]	37,199,024	443,847,400	337,470,479	76.0	11.9	9.07
1891-95[2]	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	323,515,177	61.9	12.3	7.61
1901	49,895,514	748,460,218	467,359,156	62.4	15.0	9.37
1902	46,262,424	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	44,074,875	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	47,395,829	735,260,970	490,382,760	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	616,826,000	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	621,238,000	543,053,000	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	639,318,000	1,019,968,000	160.3	12.2	19.50
1917	45,941,000	650,828,000	1,307,418,000	200.9	14.2	28.46

[1] The periods relate to calendar years. [2] Average per year for the period.

No. 94.—Cereal Crops: Estimated Production and Value, 1866 to 1917—Continued.

OATS.

Period.[1]	Total— Area.	Total— Production.	Total— Farm value Dec. 1.	Average— Farm value per bushel Dec. 1.	Average— Yield per acre.	Average— Farm value of yield per acre Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
1866-75[2]	9,746,000	272,992,800	102,422,700	37.8	28.1	10.62
1876-85[2]	16,797,000	461,157,400	149,629,700	32.7	27.6	9.03
1886-90[2]	26,094,269	652,124,600	195,218,291	29.9	25.0	7.49
1891-95[2]	26,964,138	704,952,863	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	7.63
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	408,388,000	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	43,572,000	1,587,286,000	1,061,427,000	66.9	36.4	24.36

RYE.

Period.[1]	Total— Area.	Total— Production.	Total— Farm value Dec. 1.	Average— Farm value per bushel Dec. 1.	Average— Yield per acre.	Average— Farm value of yield per acre Dec. 1.
1866-75[2]	1,346,800	18,266,600	14,559,000	78.1	13.6	10.62
1876-85[2]	1,870,200	24,468,800	15,386,400	63.5	13.3	8.45
1886-90[2]	2,172,303	25,564,954	13,885,217	54.3	11.8	6.39
1891-95[2]	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	25,657,522	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	30,344,830	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	4,102,000	60,145,000	100,025,000	166.3	14.7	24.38

[1] The periods relate to calendar years. [2] Average per year for the period.

No. 94.—Cereal Crops: Estimated Production and Value, 1866 to 1917—Continued.

BARLEY.

Period.[1]	Total— Area.	Total— Production.	Total— Farm value Dec. 1.	Average— Farm value per bushel Dec. 1.	Average— Yield per acre.	Average— Farm value of yield per acre Dec. 1.
	Acres.	*Bushels.*	*Dollars.*	*Cents.*	*Bushels.*	*Dollars.*
1866-75 [2]	1,196,500	26,992,800	21,382,200	79.0	22.9	18.09
1876-85 [2]	2,065,300	46,065,900	28,098,900	61.8	22.4	13.84
1886-90 [2]	2,981,486	65,125,064	34,746,341	53.4	21.8	11.65
1891-95 [2]	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	32.3	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	61,898,634	45.9	29.0	13.28
1903	4,993,137	131,861,391	60,166,813	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	6,323,757	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	8,835,000	298,975,000	237,539,000	113.7	23.7	26.89

BUCKWHEAT.

Period.[1]	Total— Area.	Total— Production.	Total— Farm value Dec. 1.	Average— Farm value per bushel Dec. 1.	Average— Yield per acre.	Average— Farm value of yield per acre Dec. 1.
1866-75 [2]	729,900	13,368,800	9,735,200	72.5	18.3	13.27
1876-85 [2]	777,800	11,976,700	7,237,800	66.2	14.6	9.67
1886-90 [2]	884,558	11,861,232	6,692,216	56.4	13.4	7.57
1891-95 [2]	815,788	13,009,205	6,923,632	53.2	15.9	8.49
1896	754,898	14,089,788	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	8,523,317	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	15,008,336	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	17,488,000	12,188,000	69.9	20.9	14.61
1910	860,000	17,598,000	11,636,000	66.1	20.5	13.55
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	15,056,000	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	1,006,000	17,460,000	27,954,000	160.1	17.4	27.79

[1] The periods relate to calendar years. [2] Average per year for the period.

No. 95.—CORN: Estimated Annual Production, by States, 1906 to 1917.

[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.*
1906	47,849,392	52,802,569	1,994,814	3,157,136	2,223,800	5,894,160	6,875,000	52,066,596	347,169,585	183,893,767
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	6,206,000	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	162,317,000
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	67,200,000	2,400,000	10,640,000	4,845,000	7,820,000	13,875,000	72,000,000	418,000,000	203,436,000

Calendar year.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1906	373,275,000	195,075,000	105,437,376	26,217,633	22,007,825	1,778,520	54,575,000	50,149,277	40,789,207	228,522,500
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	128,184,000	122,850,000	42,246,000	28,080,000	2,806,000	37,625,000	90,000,000	84,050,000	252,000,000

Calendar year.	Nebraska.	New Jersey.	New Mexico.	New York.	North Carolina.	North Dakota.	Ohio.	Oklahoma.[1]	Pennsylvania.	South Carolina.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1906	249,782,500	10,082,289	1,182,203	22,685,000	41,796,846	4,170,000	141,645,000	134,230,590	57,960,239	23,611,233
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	48,656,000	6,045,000	153,962,000	101,150,000	48,800,000	37,041,000
1910	191,565,000	9,612,000	2,047,000	20,108,000	49,230,000	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	26,405,000	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	51,160,000	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	10,890,000	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	12,771,000	3,400,000	26,040,000	60,000,000	5,310,000	150,100,000	33,150,000	62,212,000	43,947,000

Calendar year.	South Dakota.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	All other States.	Total.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1906	62,812,500	86,428,912	155,804,782	2,605,430	45,188,523	22,725,000	60,105,732	3,445,155	2,927,416,091
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	2,663,651,000
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	69,250,000	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	58,890,000	22,570,000	60,840,000	8,974,000	2,566,927,000
1917	97,150,000	111,150,000	77,825,000	2,538,000	72,275,000	25,020,000	42,196,000	8,973,000	3,159,494,000

[1] Includes production of Indian Territory prior to 1907.

No. 96.—WHEAT: Estimated Annual Production, by States, 1905 to 1917.

[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.*
1905	1,041,082	1,564,808	17,542,018	6,358,875	2,106,556	10,341,532	13,683,093	29,951,584	35,351,464	77,001,104	8,809,955	13,196,790
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	3,360,000	7,425,000	13,536,000	2,074,000	13,830,000	8,350,000	30,400,000	33,392,000	45,934,000	9,000,000	11,475,000

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.*
1905	19,003,274	72,484,234	28,022,338	2,843,362	48,002,603	947,740	10,300,941	3,975,278	75,623,044	32,197,710	13,382,585	11,764,114
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
1910	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	73,200,000	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	15,210,000	57,965,000	27,540,000	17,963,000	13,764,000	2,582,000	8,385,000	9,765,000	56,000,000	41,140,000	12,811,000	35,650,000

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.*
1905	27,860,671	44,133,481	6,348,600	11,117,942	4,710,209	8,418,672	32,516,810	4,373,080	7,893,381	10,160,654	692,979,489
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	35,789,000	4,810,000	3,484,000	11,427,000	737,189,000
1910	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	58,300,000	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	52,024,000	4,830,000	16,200,000	5,650,000	17,920,000	29,218,000	4,410,000	5,327,000	12,286,000	650,828,000

No. 97.—COTTON CROP IN SPECIFIED YEARS, 1904 TO 1917: 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.	
			ALABAMA.			
	Acres.	*Bales.*[1]	*Dollars.*	*Short tons.*	*Dollars.*	*Dollars.*
1904	3,611,731	1,448,157	59,950,000	692,000	8,830,000	68,780,000
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	3,439,000	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[2]	2,498,000	517,279	.....	.....	.....	.....
			ARKANSAS.			
1904	2,051,185	930,665	38,580,000	446,000	6,600,000	45,180,000
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]	2,577,000	973,399	.....	.....	.....	.....
			FLORIDA.			
1904	267,372	79,171	4,950,000	38,000	490,000	5,440,000
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[2]	191,000	37,820	.....	.....	.....	.....
			GEORGIA.			
1904	4,227,188	1,887,853	80,240,000	902,000	11,720,000	91,960,000
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	1,908,673	107,840,000	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[1]	5,178,000	1,881,503	.....	.....	.....	.....

[1] The figures represent equivalent 500-pound bales, gross weight.
[2] Figures of acreage relate to acreage planted and those of production are preliminary.

No. 97.—Cotton Crop in Specified Years, 1904 to 1917: 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.*
1904	1,745,865	1,089,526	45,150,000	521,000	7,260,000	52,410,000
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	443,821	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[2]	1,323,000	638,388	.....	.....	.....	.....

MISSISSIPPI.

1904	3,632,458	1,798,917	74,510,000	861,000	13,410,000	87,920,000
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	1,083,215	74,020,000	481,000	14,190,000	88,210,000
1910	3,317,000	1,262,680	80,150,000	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	54,000,000	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]	2,814,000	903,237	.....	.....	.....	.....

MISSOURI.[3]

1904	79,403	53,589	2,220,000	25,000	380,000	2,600,000
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[2]	276,000	141,904	.....	.....	.....	.....

NORTH CAROLINA.

1904	1,306,968	703,760	29,040,000	335,000	5,020,000	34,060,000
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[2]	1,475,000	616,673	.....	.....	.....	.....

[1] The figures represent equivalent 500-pound bales, gross weight.
[2] Figures of acreage relate to acreage planted and those of production are preliminary.
[3] Includes statistics for other cotton-producing localities not named.

No. 97.—Cotton Crop in Specified Years, 1904 to 1917: 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.*
1904	1,315,663	804,318	33,350,000	385,000	4,820,000	38,170,000
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	862,383	47,310,000	383,000	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	3,069,000	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	235,000	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]	2,745,000	957,676	.....	.....	.....	.....

SOUTH CAROLINA.

1904	2,531,875	1,151,170	48,320,000	549,000	8,110,000	56,430,000
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	2,595,000	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	931,830	82,140,000	414,000	22,760,000	104,900,000
1917[2]	2,950,000	1,235,735	.....	.....	.....	.....

TENNESSEE.

1904	881,341	329,319	13,650,000	158,000	2,480,000	16,130,000
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	449,737	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[2]	886,000	239,677	.....	.....	.....	.....

[1] The figures represent equivalent 500-pound bales, gross weight.
[2] Figures of acreage relate to acreage planted and those of production are preliminary.

No. 97.—Cotton Crop in Specified Years, 1904 to 1917: 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.*
1904	8,355,491	3,145,372	130,470,000	1,507,000	21,690,000	152,160,000
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[2]	11,640,000	3,124,185	.....	.....	.....	.....

VIRGINIA.

1904	47,199	16,195	670,000	8,000	120,000	790,000
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	9,223	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	960,000	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[2]	47,000	18,523	.....	.....	.....	.....

TOTAL.

1904	30,053,739	13,438,012	561,100,000	6,427,500	90,930,000	652,030,000
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	5,175,000	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[2]	34,600,000	11,285,999	.....	.....	.....	.....

[1] The figures represent equivalent 500-pound bales, gross weight.
[2] Figures of acreage relate to acreage planted and those of production are preliminary.

No. 98.—TOBACCO CROP IN CONTINENTAL UNITED STATES, 1907 TO 1917: 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.*
1907	14,400	21,744,000	2,501,000	1,100	880,000	88,000	15,000	14,100,000	1,382,000	270,200	240,478,000	24,529,000	25,700	16,962,000	1,103,000
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	21,100	29,540,000	11,343,000	700	560,000	106,000	14,800	14,060,000	3,374,000	474,000	426,600,000	96,838,000	28,600	22,594,000	4,519,000

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.*
1907	4,700	7,167,500	788,000	1,500	1,237,500	136,000	7,100	8,165,000	490,000	161,400	100,875,000	11,096,000	67,200	60,480,000	5,080,000
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	8,300	9,630,000	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	8,900	14,774,000	3,694,000	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	8,400	11,833,000	4,544,000	3,000	2,820,000	598,000	2,500	3,125,000	688,000	325,000	204,750,000	64,496,000	103,200	99,072,000	24,768,000

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.*
1907	32,000	40,320,000	3,024,000	22,300	20,070,000	2,147,000	46,500	37,200,000	3,646,000	98,100	74,556,000	7,828,000
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

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.*
1907	4,800	3,456,000	346,000	85,100	38,610,000	2,510,000	13,700	11,825,000	4,717,000	820,800	698,126,000	71,411,000
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	10,300	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	1,591,000	1,413,400	1,153,278,000	169,672,000
1917	11,300	9,040,000	2,712,000	48,300	45,885,000	8,030,000	6,200	6,042,000	3,190,000	1,446,600	1,196,451,000	297,442,000

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

No. 99.—WOOL, WASHED AND UNWASHED: PRODUCTION, CALENDAR YEARS 1916 AND 1917, WITH NUMBER OF FLEECES AND WEIGHT PER FLEECE, BY STATES.

[Source: Reports of the Department of Agriculture.]

State.	1916			1917[1]		
	Number of fleeces.	Weight of fleece.	Production.	Number of fleeces.	Weight of fleece.	Production.
		Pounds.	*Pounds.*		*Pounds.*	*Pounds.*
Alabama	100,000	3.5	350,000	106,000	3.3	350,000
Arizona	915,000	6.5	5,950,000	897,000	6.5	5,831,000
Arkansas	85,000	4.1	350,000	78,000	4.5	350,000
California	1,850,000	6.3	11,600,000	1,740,000	7.0	12,180,000
Colorado	1,400,000	6.0	8,400,000	1,378,000	6.4	8,820,000
Connecticut	14,000	5.4	75,000	14,000	5.5	75,000
Delaware	5,000	6.0	30,000	5,000	5.8	31,000
Florida	111,000	3.1	345,000	127,000	2.8	355,000
Georgia	165,000	3.0	495,000	157,000	2.9	455,000
Idaho	1,980,000	7.6	15,000,000	1,974,000	7.6	15,000,000
Illinois	515,000	7.5	3,855,000	488,000	7.9	3,855,000
Indiana	650,000	6.8	4,420,000	619,000	7.0	4,332,000
Iowa	650,000	7.5	4,875,000	633,000	7.7	4,875,000
Kansas	185,000	7.2	1,330,000	191,000	7.6	1,450,000
Kentucky	125,000	5.0	3,125,000	619,000	4.8	2,969,000
Louisiana	180,000	3.5	590,000	156,000	3.6	560,000
Maine	130,000	6.5	850,000	126,000	6.6	833,000
Maryland	129,000	5.8	750,000	126,000	6.0	758,000
Massachusetts	18,000	6.9	125,000	18,000	6.5	119,000
Michigan	1,165,000	7.1	8,275,000	1,107,000	7.4	8,192,000
Minnesota	385,000	7.0	2,695,000	380,000	7.8	2,964,000
Mississippi	150,000	3.6	540,000	149,000	3.3	491,000
Missouri	680,000	6.8	4,625,000	687,000	7.0	4,810,000
Montana	3,150,000	7.8	24,700,000	3,071,000	7.6	23,342,000
Nebraska	230,000	8.0	1,830,000	256,000	7.5	1,922,000
Nevada	1,340,000	7.5	10,000,000	1,397,000	7.3	10,200,000
New Hampshire	28,000	6.6	185,000	27,000	6.7	183,000
New Jersey	16,000	5.0	80,000	15,000	5.2	80,000
New Mexico	3,200,000	5.7	18,240,000	3,176,000	5.8	18,422,000
New York	530,000	6.7	3,550,000	517,000	6.8	3,514,000
North Carolina	135,000	4.2	570,000	146,000	3.8	553,000
North Dakota	180,000	7.5	1,350,000	192,000	7.4	1,418,000
Ohio	1,950,000	7.0	13,650,000	1,881,000	7.4	13,923,000
Oklahoma	74,000	6.8	500,000	77,000	6.5	500,000
Oregon	1,760,000	7.5	13,200,000	1,610,000	8.2	13,200,000
Pennsylvania	650,000	6.5	4,225,000	650,000	6.5	4,225,000
Rhode Island	5,000	5.0	25,000	4,000	6.2	24,000
South Carolina	24,000	4.0	95,000	24,000	4.0	95,000
South Dakota	475,000	7.5	3,560,000	512,000	7.3	3,738,000
Tennessee	425,000	4.4	1,870,000	423,000	4.2	1,776,000
Texas	1,800,000	5.7	10,250,000	1,435,000	7.0	10,045,000
Utah	2,080,000	7.2	15,000,000	2,053,000	7.6	15,600,000
Vermont	78,000	7.4	580,000	82,000	7.3	597,000
Virginia	378,000	5.0	1,900,000	405,000	4.6	1,862,000
Washington	555,000	8.6	4,750,000	594,000	8.4	4,988,000
West Virginia	550,000	5.0	2,750,000	539,000	5.0	2,695,000
Wisconsin	335,000	7.5	2,510,000	334,000	7.9	2,636,000
Wyoming	3,675,000	8.4	31,000,000	3,705,000	8.2	30,380,000
Total	35,700,000	6.86	244,890,000	34,900,000	7.04	245,573,000
Pulled wool			43,600,000			40,000,000
Total product			288,490,000			285,573,000

[1] Preliminary figures.

No. 100.—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. 101.—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. 102.—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. 103.—FLAXSEED CROP: ESTIMATED ACREAGE, PRODUCTION, AND VALUE, 1907 TO 1916, AND IN 1917 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.*
Colorado	2,000	14,000	35,000	2.50	7.0	17.50
Iowa	12,000	132,000	363,000	2.75	11.0	30.25
Kansas	34,000	238,000	690,000	2.90	7.0	20.30
Minnesota	220,000	1,980,000	5,841,000	2.95	9.0	26.55
Missouri	6,000	51,000	140,000	2.75	8.5	23.38
Montana	422,000	1,266,000	3,735,000	2.95	3.0	8.85
Nebraska	5,000	28,000	70,000	2.50	5.5	13.75
North Dakota	965,000	3,764,000	11,292,000	3.00	3.9	11.70
South Dakota	140,000	980,000	2,930,000	2.99	7.0	20.93
Wyoming	3,000	20,000	52,000	2.61	6.5	16.96
Total, 1917	1,809,000	8,473,000	25,148,000	2.97	4.7	13.90
1907	2,864,000	25,851,000	24,713,000	.96	9.0	8.64
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

No. 104.—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:				
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. 105.—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:				
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, or 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. 106.—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.
Cereals:	*Dollars.*	*Dollars.*	*Dollars.*	
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	4,681,929	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:				
Potatoes	98,380,110	166,423,910	68,043,800	69.2
Sweet potatoes and yams	19,869,840	35,429,176	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. 106.—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. 107.—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. 108.—NUMBER AND VALUE OF SPECIFIED FARM ANIMALS: 1891 TO 1918.

[Source: Reports of the Department of Agriculture.]

January 1—	Horses.		Mules.		Milch cows.	
	Number.	Value.	Number.	Value.	Number.	Value.
		Dollars.		*Dollars.*		*Dollars.*
1891	14,056,750	941,823,222	2,296,532	178,847,370	16,019,591	346,397,900
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	146,282,811	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	16,557,373	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	2,888,710	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	20,737,000	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	21,563,000	2,248,626,000	4,824,000	621,064,000	23,284,000	1,643,639,000

January 1—	Oxen and other cattle.		Sheep.		Swine.		Total value, farm animals.
	Number.	Value.	Number.	Value.	Number.	Value.	
		Dollars.		*Dollars.*		*Dollars.*	*Dollars.*
1891	36,875,648	544,127,908	43,421,136	108,397,447	50,625,106	210,198,923	2,329,787,770
1892	37,651,239	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	65,167,735	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	29,264,197	612,296,634	37,656,960	92,721,133	39,759,998	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	889,126,073	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	50,631,619	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	54,794,439	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	868,754,000	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	53,633,000	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	43,546,000	1,780,052,000	48,900,000	577,867,000	71,374,000	1,392,276,000	8,263,524,000

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

No. 109.—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	16,158,749	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	4,040,559	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	18,306,051	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	13,899,320	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. 36.

No. 109.—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	19,139,321	.....	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	8,862,705
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	1,563,161	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	21,613,000	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	111,165,208
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	87,638,936	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	10,082,867	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	5,331,326	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	769,809,781
Geographic divisions.[9]						
New England	92,632,196	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	59,940,263
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] 605,404
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)	24,077,833
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. 36.
[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. 109.—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	33,205
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	4,249,538
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	19,629
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	264,430
Nevada	.....	.....	17,420	51,207	.....	51,207	94,082
New Hampshire	2,232,092	872,368	807,076	341,235	103,386	444,621	104,339
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	467,255
Pennsylvania	2,508,556	2,792,676	8,966,737	439,060	5,018,837	5,457,897	857,167
Rhode Island	131,511	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	69,919	31,300	101,219	26,622
Texas	275,128	34,342	58,466	145,730	.....	145,730	136,133
Utah	53,331	69,603	266,749	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	326,113
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. 36.

No. 109.—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	318,000	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	144,137
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	97,614,024
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)	97,263	(2)	(2)	(2)
Washington	1,482,127	1,633,796	921,383	52,970	422,290	475,260	1,355,423
West Virginia	40,860	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] 404,389	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] 1,951,613
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. 36.
[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. 109.—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	55,508,687	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 [7]	.....	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 [3]	.....	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	1,030,922	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	1,826,691	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	37,361,666
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	472,274,264	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	45,378,866	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. 36.

No. 110.—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	408,616	226,258	6,337,010	5,933,760	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	134,008	5,949,459	3,718,593	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	3,931,398	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	384,009	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	46,000,600
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	3,453,850	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. 36.

No. 111.—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	1917[1]	1899	1909	1917	1899
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
Alabama	719,175	888,396	1,453,000	184,543	1,416,584	1,830,000	22,656
Arizona	13,471	72,814	135,000	38,092	50,102	60,000	13,197
Arkansas	2,811,182	2,296,043	2,683,000	333,642	1,901,647	840,000	24,503
California	3,488,208	4,935,073	5,592,000	8,563,427	9,267,118	14,151,000	1,912,825
Colorado	257,563	3,559,094	2,640,000	47,381	692,258	1,200,000	19,272
Connecticut	3,708,931	1,540,996	1,316,000	61,775	269,990	268,000	41,485
Delaware	702,920	183,094	450,000	9,750	16,722	647,000	156,208
District of Columbia	283	2,952	.....	3	3	.....	468
Florida	1,866	3,405	.....	92,113	114,998	122,000	83,584
Georgia	670,889	895,613	1,754,000	259,728	2,555,499	4,716,000	49,497
Idaho	223,662	659,959	1,995,000	17,793	18,734	165,000	25,324
Illinois	9,178,150	3,093,321	7,500,000	66,805	1,222,570	364,000	133,745
Indiana	8,620,278	2,759,134	5,915,000	69,333	1,174,389	592,000	231,713
Indian Territory	222,565	.....	.....	48,730	.....	.....	2,971
Iowa	3,129,862	6,746,668	5,775,000	5,481	23,180	30,000	5,014
Kansas	3,214,407	1,356,438	3,375,000	137,489	24,567	121,000	21,978
Kentucky	6,053,717	7,368,499	9,125,000	34,700	1,623,379	1,034,000	76,940
Louisiana	68,735	33,875	.....	153,808	290,623	478,000	29,405
Maine	1,421,773	3,636,181	4,617,000	1,895	2,014	.....	11,200
Maryland	3,150,673	1,822,824	2,525,000	172,303	324,609	975,000	301,702
Massachusetts	3,023,436	2,550,259	2,186,000	27,906	91,756	145,000	89,011
Michigan	8,931,569	12,332,296	5,160,000	339,637	1,686,586	744,000	170,702
Minnesota	120,143	1,044,156	1,445,000	190	599	.....	226
Mississippi	249,035	265,841	315,000	252,305	1,156,817	375,000	36,923
Missouri	6,496,436	9,968,977	12,375,000	61,006	1,484,548	890,000	58,449
Montana	43,939	567,054	911,000	17	128	.....	24
Nebraska	1,343,497	3,321,073	2,400,000	8,753	110,180	.....	979
Nevada	10,760	74,449	192,000	2,563	3,171	6,000	903
New Hampshire	1,978,797	1,108,424	1,035,000	6,054	23,218	47,000	19,341
New Jersey	4,640,896	1,406,778	2,041,000	620,928	441,440	871,000	790,818
New Mexico	142,332	417,143	657,000	76,204	32,533	60,000	14,777
New York	24,111,257	25,409,324	14,059,000	466,850	1,736,483	2,244,000	960,170
North Carolina	4,662,751	4,775,693	6,156,000	373,663	1,344,410	1,541,000	25,521
North Dakota	1,273	4,374	.....	.....	35	.....	1
Ohio	20,617,480	4,663,752	6,336,000	240,686	1,036,340	496,000	244,565
Oklahoma	111,235	742,182	1,300,000	255,933	357,044	1,150,000	1,968
Oregon	873,980	1,930,926	3,500,000	101,190	179,030	250,000	112,225
Pennsylvania	24,060,651	11,048,430	12,150,000	143,464	1,023,570	1,440,000	434,177
Rhode Island	339,445	212,908	198,000	6,140	17,704	20,000	12,452
South Carolina	251,728	362,800	818,000	129,472	643,040	1,130,000	20,439
South Dakota	17,121	191,784	349,000	13	148	.....	157
Tennessee	5,387,775	4,640,444	5,000,000	77,678	1,579,019	900,000	43,609
Texas	591,985	168,008	345,000	1,400,240	729,631	2,352,000	166,418
Utah	189,882	350,023	650,000	85,315	143,237	900,000	59,982
Vermont	1,176,822	1,459,689	1,286,000	967	2,221	.....	10,239
Virginia	9,835,982	6,103,941	9,974,000	357,339	243,446	800,000	88,400
Washington	728,978	2,672,100	17,897,000	80,990	84,494	504,000	78,236
West Virginia	7,495,743	4,225,163	5,994,000	18,100	328,901	608,000	19,475
Wisconsin	303,373	2,232,112	3,029,000	209	956	.....	1,540
Wyoming	989	17,836	.....	.....	5	.....	3
Total	175,397,600	146,122,318	174,608,000	15,432,603	35,470,276	45,066,000	6,625,417
Geographic divisions.[2]							
North Atlantic	64,462,008	48,372,989	38,888,000	1,335,979	3,608,396	5,035,000	2,368,893
South Atlantic	26,772,835	18,375,485	27,671,000	1,412,471	5,571,628	10,539,000	745,294
North Central (east of Mississippi River)	47,650,850	25,080,615	27,940,000	716,670	5,120,841	2,190,000	782,265
North Central (west of Mississippi River)	14,322,739	22,633,470	25,719,000	212,932	1,643,257	1,041,000	86,804
South Central	16,215,404	16,403,288	20,221,000	2,741,579	9,055,344	8,959,000	405,393
Far Western	5,973,764	15,256,471	34,169,000	9,012,972	10,470,810	17,296,000	2,236,768

[1] Total crop; the commercial crop is stated as 20,959,000 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. 111.—ORCHARD PRODUCTS: SPECIFIED FRUITS IN YEARS INDICATED—Contd.

State.	Pears—Continued.		Plums and prunes.		Cherries.		Apricots.	
	1909	1917	1899	1909	1899	1909	1899	1909
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
Alabama	100,041	80,000	11,876	61,712	1,159	3,588	115	(1)
Arizona	13,289	21,000	3,133	8,420	220	476	40,578	6,849
Arkansas	37,547	102,000	174,734	194,649	7,889	5,993	391	(1)
California	1,928,097	3,523,000	5,632,036	9,317,979	318,960	501,013	2,547,064	4,066,823
Colorado	132,536	320,000	15,224	81,539	5,387	88,937	2,363	11,403
Connecticut	41,322	29,000	9,733	13,663	12,271	3,617	64	(1)
Delaware	105,357	294,000	7,315	657	8,066	2,634	28	(1)
District of Columbia	455	.....	.....	10	248	235	.....	(1)
Florida	98,223	46,000	47,840	17,169	112	374	68	(1)
Georgia	149,667	140,000	36,920	60,845	5,950	4,979	98	(1)
Idaho	42,649	70,000	164,468	179,027	12,294	22,609	550	(1)
Illinois	249,365	456,000	157,941	78,566	204,279	287,376	1,437	(1)
Indiana	319,925	410,000	131,529	77,065	228,485	363,993	757	(1)
Indian Territory	.....	.....	4,051	.....	1,455	.....	76	.....
Iowa	44,449	82,000	186,312	158,036	118,743	260,432	378	(1)
Kansas	19,412	140,000	57,520	12,250	60,511	34,409	4,236	374
Kentucky	251,536	204,000	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	24,000	2,282	14,637	1,550	2,403	.....	(1)
Maryland	367,359	525,000	19,945	13,526	60,452	42,315	313	(1)
Massachusetts	96,071	71,000	5,919	17,814	6,043	4,761	25	(1)
Michigan	666,023	1,080,000	213,682	181,188	194,541	338,945	730	(1)
Minnesota	400	.....	21,820	19,920	960	1,526	2	(1)
Mississippi	101,288	30,000	66,793	101,974	2,352	2,819	772	(1)
Missouri	142,547	265,000	111,603	234,872	62,708	123,314	583	(1)
Montana	7,543	11,000	373	8,777	807	7,497	1	(1)
Nebraska	6,700	14,000	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	19,000	4,942	7,542	1,183	1,403	2	(1)
New Jersey	463,290	590,000	24,685	9,594	82,005	44,636	201	(1)
New Mexico	29,435	46,000	18,492	15,528	5,228	6,384	6,637	(1)
New York	1,343,089	1,703,000	303,688	553,522	218,642	271,597	15,710	9,805
North Carolina	84,019	150,000	22,074	61,406	33,899	53,788	245	(1)
North Dakota	8	.....	365	1,048	4	209	.....	(1)
Ohio	374,871	334,000	81,435	215,657	192,954	338,644	449	(1)
Oklahoma	7,450	45,000	7,986	25,916	1,766	2,372	493	1,123
Oregon	374,622	600,000	359,821	1,747,587	65,347	181,089	1,665	4,616
Pennsylvania	378,825	448,000	100,210	295,158	474,940	475,093	1,634	2,502
Rhode Island	12,501	7,000	571	1,872	1,329	214	12	(1)
South Carolina	65,680	100,000	16,177	48,754	6,551	10,987	120	(1)
South Dakota	162	.....	8,114	31,748	900	5,924	.....	(1)
Tennessee	83,557	75,000	73,315	139,093	11,688	36,303	211	(1)
Texas	110,967	280,000	180,813	75,222	2,189	1,062	1,620	1,839
Utah	38,654	48,000	45,984	68,249	9,905	21,402	5,272	12,047
Vermont	20,763	14,000	1,529	7,205	1,069	2,506	.....	(1)
Virginia	74,486	194,000	21,167	22,597	188,693	132,671	678	(1)
Washington	310,804	595,000	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	13,281,000	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	2,910,000	453,559	921,007	799,032	806,230	17,648	.....
South Atlantic	975,162	1,482,000	190,561	257,912	391,799	327,706	1,695	.....
North Central (east of Mississippi River)	1,623,176	2,280,000	596,753	568,383	851,326	1,410,298	3,430	.....
North Central (west of Mississippi River)	213,678	501,000	428,048	499,784	297,873	515,690	5,532	.....
South Central	727,940	868,000	625,824	769,385	63,092	104,827	4,159	.....
Far Western	2,881,728	5,240,000	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. 112.—WEALTH PRODUCTION ON FARMS: 1879, 1889, AND 1899 TO 1917.

[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.
	Thousand dollars.	*Thousand dollars.*	*Thousand dollars.*		*Thousand dollars.*	*Thousand dollars.*	*Thousand dollars.*
1879[1]			2,212,541	1908[2]	5,098,293	2,792,333	7,890,626
1889[1]			2,460,107	1909[1]	5,487,161	3,011,150	8,498,311
1899[1]	2,998,704	1,718,366	4,717,070	1910[2]	5,486,374	3,551,017	9,037,391
1900[2]	3,191,942	1,817,653	5,009,595	1911[2]	5,562,058	3,257,117	8,819,175
1901[2]	3,385,179	1,916,941	5,302,120	1912[2]	5,842,220	3,500,570	9,342,790
1902[2]	3,578,416	2,016,229	5,594,645	1913[2]	6,132,759	3,716,754	9,849,513
1903[2]	3,771,654	2,115,516	5,887,170	1914[2]	6,111,684	3,783,277	9,894,961
1904[2]	3,981,676	2,140,102	6,121,778	1915[2]	6,907,187	3,863,304	10,774,491
1905[2]	4,012,653	2,261,344	6,273,997	1916[2]	9,054,459	4,351,905	13,406,364
1906[2]	4,263,134	2,501,076	6,764,210	1917[2]	13,610,463	5,833,386	19,443,849
1907[2]	4,761,112	2,726,877	7,487,989				

[1] Census figures. [2] Estimates of the Department of Agriculture.

No. 113.—NATIONAL FORESTS: TIMBER DISPOSED OF, QUANTITY, PRICE, AND NUMBER OF USERS, REVENUE UNDER SPECIFIED HEADS, AND DETAILS OF GRAZING PRIVILEGES, YEARS ENDED JUNE 30, 1912 TO 1917.

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

	1912	1913	1914	1915	1916	1917
Free timber given:						
Number of users	38,749	38,264	39,466	40,040	42,076	41,427
Timber cut.....[1] M ft.	123,233	121,750	120,575	123,259	119,483	113,073
Value.....dolls.	195,335	191,825	183,223	206,597	184,715	149,802
Timber sales:						
Number	5,772	6,182	8,303	10,905	10,840	11,608
Quantity.....[1] M ft.	799,417	2,137,311	1,540,084	1,093,589	857,321	2,008,087
Price per thousand board feet (average) ..... dolls.	2.00	2.01	2.30	2.44	1.95	1.85
Grazing:						
Area of ranges..acres.	101,000,000	104,000,000	103,000,000	110,000,000	110,000,000	110,000,000
Kinds of stock—						
Cattle.....No.	1,403,025	1,455,922	1,517,045	1,627,321	1,758,764	1,953,198
Goats.....No.	83,849	76,898	58,616	51,409	48,268	49,939
Hogs.....No.	4,330	3,277	3,381	2,792	2,968	2,306
Horses.....No.	95,343	97,919	99,835	96,933	98,908	98,880
Sheep.....No.	7,467,890	7,790,953	7,560,186	7,232,276	7,843,205	7,586,034
Total.....No.	9,054,437	9,424,969	9,239,063	9,010,731	9,747,108	9,690,357
Revenue:						
From—						
Timber sales..dolls.	994,314	1,282,647	1,243,195	1,164,008	1,367,041	1,595,873
Timber settlements[2] .....dolls.	33,287	36,105	39,927	3,181	2,299	17,102
Penalties for timber trespass ....dolls.	40,291	17,558	12,981	7,284	37,782	18,870
Turpentine sales[3] .....dolls.	.....	.....	15,372	8,833	14,402	8,156
Fire trespass..dolls.	21,810	5,028	7,950	660	5,471	52,514
Water power.....	50,563	51,235	47,164	88,950	101,096	106,389
Special uses[4]..dolls.	48,249	67,278	68,773	78,058	85,236	108,329
Grazing fees..dolls.	962,175	1,001,156	997,583	1,124,677	1,202,404	1,544,714
Grazing trespass .....dolls.	6,667	6,583	4,765	5,818	7,810	5,081
Total revenue .....dolls.	2,157,356	2,467,590	2,437,710	2,481,469	2,823,541	3,457,028

[1] See explanatory notes, p. 7.
[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] Water power permits included in receipts for 1911.

No. 114.—LOCATION AND AREA OF THE NATIONAL FOREST LANDS ON JUNE 30, 1917: BY STATES.

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

State and forest.	Area of national forest lands.
	Acres.
Alaska:	
Chugach	5,418,753
Tongass	15,451,716
Total	20,870,469
Arizona:	
Apache	1,182,782
Chiricahua [1]	348,157
Coconino	1,601,598
Coronado	959,304
Crook	870,130
Dixie [1]	17,680
Kaibab	1,072,375
Manzano [1]	27,708
Prescott	1,433,366
Sitgreaves	659,337
Tonto	1,994,239
Tusayan	1,602,750
Total	11,769,426
Arkansas:	
Arkansas	626,746
Ozark	291,840
Total	918,586
California:	
Angeles	820,980
California	807,444
Cleveland	547,981
Crater [1]	46,977
Eldorado [1]	549,392
Inyo [1]	1,269,980
Klamath [1]	1,470,841
Lassen	936,877
Modoc	1,182,986
Mono [1]	784,620
Monterey	316,058
Plumas	1,144,835
Santa Barbara	1,688,571
Sequoia	2,194,926
Shasta	803,448
Sierra	1,489,934
Siskiyou [1]	349,069
Stanislaus	810,399
Tahoe	542,226
Trinity	1,430,547
Total	19,188,091
Colorado:	
Arapaho	634,903
Battlement	651,227
Cochetopa	905,723
Colorado	847,328
Durango	614,129
Gunnison	908,055
Hayden [1]	65,598
Holy Cross	576,905
La Sal [1]	27,444
Leadville	934,017
Montezuma	700,082
Pike	1,080,381
Rio Grande	1,136,884
Routt	833,459
San Isabel	598,912
San Juan	617,995
Sopris	596,986
Uncompahgre	790,349
White River	848,018
Total	13,368,395
Florida:	
Florida	368,268
Idaho:	
Boise	1,058,941
Cache [1]	513,617
Caribou [1]	681,540
Challis	1,250,237
Clearwater	785,103
Coeur d'Alene	662,611
Idaho	1,193,439
Kaniksu [1]	198,757
Lemhi	1,095,924
Minidoka [1]	509,536
Nezperce	1,624,582
Palisade [1]	283,495
Payette	831,926
Pend Oreille	676,014
St. Joe	493,925
Salmon	1,621,707
Sawtooth	1,203,387
Selway	1,693,711
Targhee [1]	694,352
Weiser	562,609
Total	17,644,413
Michigan:	
Michigan	89,466
Minnesota:	
Minnesota	190,602
Superior	857,255
Total	1,047,857
Montana:	
Absaroka	842,467
Beartooth	662,537
Beaverhead	1,337,223
Bitterroot	1,047,012
Blackfeet	865,077
Cabinet	830,676
Custer	428,922
Deerlodge	833,178
Flathead	1,802,905
Gallatin	564,855
Helena	687,983
Jefferson	1,039,765
Kootenai	1,336,061
Lewis and Clark	811,161
Lolo	850,677
Madison	958,691
Missoula	1,031,529
Sioux [1]	96,743
Total	16,027,463
Nebraska:	
Nebraska	206,074
Nevada:	
Dixie [1]	282,543
Eldorado [1]	400
Humboldt	690,562
Inyo [1]	72,817
Mono [1]	464,315
Nevada	1,220,929
Ruby	342,405
Santa Rosa	269,658
Tahoe [1]	14,853
Toiyabe [1]	1,907,286
Total	5,265,768

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

No. 114.—LOCATION AND AREA OF THE NATIONAL FOREST LANDS ON JUNE 30, 1917: BY STATES—Continued.

State and forest.	Area of national forest lands.
New Mexico:	*Acres.*
Alamo	603,779
Carson	856,647
Chiricahua [1]	126,478
Datil	2,670,412
Gila	1,463,708
Lincoln	551,427
Manzano	754,772
Santa Fe	1,354,545
Total	8,381,768
North Dakota:	
Dakota	6,054
Oklahoma:	
Wichita	61,480
Oregon:	
Cascade	1,021,461
Crater [1]	793,044
Deschutes	1,292,423
Fremont	884,494
Klamath [1]	4,401
Malheur	1,057,682
Minam	430,757
Ochoco	716,564
Oregon	1,031,926
Santiam	607,099
Siskiyou [1]	998,044
Siuslaw	544,178
Umatilla	485,786
Umpqua	1,011,097
Wallowa	964,601
Wenaha	425,504
Whitman	884,485
Total	13,153,546
Porto Rico:	
Luquillo	12,443
South Dakota:	
Black Hills [1]	483,403
Harney	548,854
Sioux [1]	75,524
Total	1,107,781

State and forest.	Area of national forest lands.
Utah:	*Acres.*
Ashley [1]	982,493
Cache [1]	265,594
Dixie [1]	432,784
Fillmore	699,579
Fishlake	661,245
La Sal [1]	519,384
Manti	781,800
Minidoka [1]	72,123
Powell	689,927
Sevier	729,061
Uinta	988,602
Wasatch	607,492
Total	7,430,084
Washington:	
Chelan	677,429
Columbia	784,498
Colville	754,886
Kaniksu [1]	257,859
Okanogan	1,486,325
Olympic	1,534,689
Ranier	1,315,891
Snoqualmie	698,043
Washington	1,454,214
Wenaha [1]	313,434
Wenatchee	665,276
Total	9,942,544
Wyoming:	
Ashley [1]	5,987
Bighorn	1,119,725
Black Hills [1]	144,759
Bridger	710,570
Caribou [1]	6,547
Hayden [1]	322,175
Medicine Bow	469,786
Palisade [1]	250,501
Shoshone	1,576,043
Targhee [1]	84,970
Teton	1,922,947
Washakie	852,653
Wyoming	899,980
Total	8,366,643
Aggregate for the 152 national forests	155,166,619

[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.
Chiricahua	Arizona and New Mexico	474,635
Dixie	Arizona, Nevada, and Utah.	733,007
Manzano	Arizona and New Mexico	782,480
Crater	California and Oregon	840,021
Eldorado	California and Nevada	549,792
Inyo	do	1,342,797
Klamath	California and Oregon	1,475,242
Mono	California and Nevada	1,248,935
Siskiyou	California and Oregon	1,347,113
Tahoe	California and Nevada	557,079
Hayden	Colorado and Wyoming	387,773
La Sal	Colorado and Utah	546,828
Cache	Idaho and Utah	779,211
Caribou	Idaho and Wyoming	688,087
Kaniksu	Idaho and Washington	456,616
Minidoka	Idaho and Utah	581,659
Palisade	Idaho and Wyoming	533,996
Targhee	do	779,322
Sioux	Montana and South Dakota.	172,267
Wenaha	Oregon and Washington	738,938
Black Hills	South Dakota and Wyoming.	628,162
Ashley	Utah and Wyoming	988,480

No. 115.—FOREST LANDS ACQUIRED UNDER THE WEEKS LAW: AREAS, JUNE 30, 1917.

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

State and area.	Area under protection.		
	Areas acquired.	Additional areas approved for purchase.	Total.
Alabama:	*Acres.*	*Acres.*	*Acres.*
Alabama	.....	22,130.74	22,130.74
Georgia:			
Georgia	52,331.41	8,026.35	60,357.76
Savannah (part)	28,602.13	19,332.38	47,934.51
Total	80,933.54	27,358.73	108,292.27
Maine:			
White Mountain (part)	.....	27,881.37	27,881.37
New Hampshire:			
White Mountain (part)	241,167.40	117,484.29	358,651.69
North Carolina:			
Boone	311.97	44,735.60	45,047.57
Mount Mitchell	54,310.30	14,277.85	68,588.15
Nantahala	33,381.79	1,024.51	34,406.30
Pisgah	53,809.69	34,383.64	88,193.33
Savannah (part)	31,415.86	3,980.70	35,396.56
Area of lands transferred from the Treasury Department to the Department of Agriculture under act of July 6, 1912 (37 Stat., 961)	.....	.....	11,368.74
Total	173,229.61	98,402.30	283,000.65
South Carolina:			
Savannah (part)	3,878.76	14,577.24	18,456.00
Tennessee:			
Cherokee	81,017.13	56,620.20	137,637.33
Unaka	11,497.01	33,014.99	44,512.00
White Top (part)	40,787.33	6,379.56	47,166.89
Total	133,301.47	96,014.75	229,316.22
Virginia:			
Massanutten	37,876.99	20,155.64	58,032.63
Natural Bridge	69,558.88	22,043.08	91,601.96
Potomac (part)	22,879.11	13,397.79	36,276.90
Shenandoah (part)	86,311.41	18,986.34	105,297.75
White Top (part)	11,358.38	11,802.56	23,160.94
Total	227,984.77	86,385.41	314,370.18
West Virginia:			
Monongahela	43,706.46	8,858.11	52,564.57
Potomac (part)	29,677.04	8,890.35	38,567.39
Shenandoah (part)	13,318.45	382.31	13,700.76
Total	86,701.95	18,130.77	104,832.72
Grand total	947,197.50	508,365.60	1,466,931.84
Approved acreage	.....	.....	1,501,357.00
Surveyed acreage	.....	.....	1,455,563.00
Difference	.....	.....	45,794.00

No. 116.—PRODUCTION OF LUMBER, CALENDAR YEARS 1880, 1890, 1900, 1910, 1915, AND 1916: 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.]

State and group.	1880	1890	1900	1910	1915[1]	1916[1]
Northeastern group:	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]
Connecticut	(3)	(3)	(3)	126,463	90,000	75,000
Delaware	(3)	(3)	(3)	46,642	25,000	12,000
Maine	566,656	564,243	756,515	860,273	1,000,000	935,000
Massachusetts	205,244	208,655	342,058	239,206	250,000	210,000
New Hampshire	292,267	266,890	562,258	443,907	500,000	385,000
New Jersey	(3)	(3)	(3)	36,542	45,000	40,000
New York	1,184,220	909,990	874,754	506,074	475,000	400,000
Pennsylvania	1,733,844	2,113,267	2,321,284	1,241,199	950,000	750,000
Rhode Island	(3)	(3)	(3)	14,392	15,000	18,000
Vermont	(3)	(3)	(3)	284,815	260,000	200,000
Lake group:						
Michigan	4,172,572	4,245,717	3,012,057	1,681,081	1,100,000	1,230,000
Minnesota	563,074	1,079,403	2,341,619	1,457,734	1,100,000	1,220,000
Wisconsin	1,542,021	2,817,200	3,361,943	1,891,291	1,210,000	1,600,000
Miscellaneous group:						
Arizona	(3)	(3)	(3)	72,655	75,915	93,270
Colorado	(3)	(3)	(3)	121,398	74,500	77,580
Idaho	18,204	27,800	65,331	745,984	777,000	849,600
Iowa	(3)	(3)	(3)	75,446	35,000	20,000
Kansas	(3)	(3)	(3)	639	(3)	534
Montana	(3)	(3)	(3)	319,089	328,000	383,900
Nebraska	(3)	(3)	(3)	(3)	.....	.....
Nevada	(3)	.....	(3)	(3)	(4)	(4)
New Mexico	(3)	(3)	(3)	83,544	65,787	91,600
South Dakota	(3)	(3)	(3)	16,340	22,562	29,650
Utah	(3)	(3)	(3)	11,786	10,892	9,385
Wyoming	(3)	(3)	(3)	30,931	17,000	18,495
Central group:						
Illinois	(3)	(3)	(3)	113,506	110,000	60,000
Indiana	915,943	707,115	977,878	422,963	350,000	270,000
Kentucky	305,684	420,820	765,343	753,556	560,000	525,000
Missouri	399,744	395,755	715,968	501,691	350,000	260,000
Ohio	910,832	541,076	957,239	490,039	400,000	280,000
Tennessee	302,673	450,097	939,463	1,016,475	800,000	700,000
West Virginia	180,112	299,709	773,583	1,376,737	1,100,000	1,220,000
Pacific group:						
California	304,795	515,823	734,232	1,254,826	1,130,000	1,420,000
Oregon	177,171	444,565	734,181	2,084,633	1,690,000	2,222,000
Washington	160,176	1,061,560	1,428,205	4,097,492	3,950,000	4,494,000
Southern group:						
Alabama	251,851	586,143	1,096,539	1,465,623	1,500,000	1,720,000
Arkansas	172,503	526,091	1,595,933	1,844,446	1,800,000	1,910,000
Florida	247,027	411,436	788,905	992,091	1,110,000	1,425,000
Georgia	451,788	572,970	1,308,610	1,041,617	1,000,000	1,000,000
Louisiana	133,472	303,591	1,113,423	3,733,900	3,900,000	4,200,000
Maryland	(3)	(3)	(3)	154,554	165,000	90,237
Mississippi	168,747	452,797	1,202,334	2,122,205	2,300,000	2,730,000
North Carolina	241,822	509,436	1,278,399	1,824,722	2,090,000	2,100,000
Oklahoma	.....	(3)	(3)	164,663	230,000	240,000
South Carolina	185,772	197,940	466,109	706,831	800,000	857,000
Texas	328,968	839,724	1,230,904	1,884,134	1,750,000	2,100,000
Virginia	315,939	409,804	956,169	1,652,192	1,500,000	1,335,000
Geographic groups.						
Northeastern group	3,982,231	4,063,045	4,856,869	3,799,513	3,610,000	3,025,000
Lake group	6,278,567	8,142,320	8,715,619	5,030,106	3,410,000	4,050,000
Southern group	2,498,489	4,809,932	11,037,325	17,586,978	18,145,000	19,707,237
Central group	3,014,988	2,814,572	5,129,474	4,674,967	3,670,000	3,315,000
Pacific group	642,142	2,021,948	2,896,618	7,436,951	6,770,000	8,136,000
Miscellaneous group	18,204	27,800	65,331	1,477,812	1,406,656	1,574,014
States not specified	1,652,735	1,615,236	2,079,277	11,955	.....	.....
Total	18,087,356	23,494,853	34,780,513	[5] 40,018,282	[5] 37,011,656	[5] 39,807,251

[1] Computed totals for 1915 and 1916.
[2] See explanatory notes, p. 7.
[3] Included in "States not specified."
[4] Included with California.
[5] Does not include the cut of mills sawing less than 50,000 feet.

No. 117.—PRODUCTION AND AVERAGE MILL VALUE OF LUMBER SAWED, CALENDAR YEAR 1909, AND PRODUCTION, CALENDAR YEARS 1915 AND 1916: 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		1916	
	Quantity.	Value.	Average value per M feet.[1]	Quantity.	Value.[2]	Quantity.	Value.[2]
	M feet.	*Dollars.*	*Dollars.*	*M feet.*	*Dollars.*	*M feet.*	*Dollars.*
Ash	291,209	7,116,089	24.44	190,000	22.15	210,000	23.85
Basswood	399,151	7,781,563	19.50	260,000	18.89	275,000	21.05
Beech	511,244	6,773,006	13.25	360,000	14.01	360,000	16.20
Birch	452,370	7,666,186	16.95	415,000	16.52	450,000	19.59
Cedar	346,008	6,901,948	19.95	420,000	16.10	410,000	15.24
Chestnut	663,891	10,703,130	16.12	490,000	16.17	535,000	17.05
Cottonwood	265,600	4,794,424	18.05	180,000	17.36	200,000	17.42
Cypress	955,635	19,549,741	20.46	1,100,000	19.85	1,000,000	20.85
Douglas fir	4,856,378	60,435,793	12.44	4,431,249	10.59	5,416,000	10.78
Elm	347,456	6,088,098	17.52	210,000	16.98	240,000	19.46
Hemlock	3,051,399	42,580,800	13.95	2,275,000	13.14	2,350,000	15.35
Maple	1,106,604	17,447,814	15.77	900,000	15.21	975,000	18.24
Oak	4,414,457	90,512,069	20.50	2,970,000	18.73	3,300,000	20.06
Poplar (yellow)	858,500	21,799,854	25.39	464,000	22.45	560,000	21.89
Red gum	706,945	9,334,268	13.20	655,000	12.54	800,000	14.64
Redwood	521,630	7,720,124	14.80	420,294	13.54	490,850	13.93
Spruce	1,748,547	29,561,315	16.91	1,400,000	16.58	1,250,000	17.58
Western pine	1,499,985	23,077,854	15.39	1,293,985	14.32	1,690,000	14.52
White pine[3]	3,900,034	70,830,131	18.16	2,700,000	17.44	2,700,000	19.16
Yellow pine	16,277,185	206,505,297	12.69	14,700,000	12.41	15,055,000	14.33
Larch				375,000	10.78	455,000	12.49
Tupelo				170,000	12.25	275,000	13.00
White fir				125,048	10.94	190,000	12.25
Sugar pine				117,701	17.40	169,250	16.77
Hickory				100,000	23.35	125,000	23.84
Balsam fir				100,000	13.79	125,000	16.49
Walnut				90,000	48.47	90,000	42.38
Sycamore				25,000	13.86	40,000	14.65
Lodgepole pine				26,486	13.57	30,800	15.13
Minor species				47,893		40,351	
All other	1,335,533	27,300,355	20.44				
Total	44,509,761	684,479,859	15.38	37,011,656	14.04	39,807,251	15.32
Total—							
1912						39,158,414	
1913						38,387,009	
1914						37,346,023	

[1] See explanatory notes, p. 7.
[2] Computed value of total production.
[3] Includes Norway pine.

No. 118.—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. 119.—SUMMARY OF THE DISTRIBUTION OF FISH AND EGGS, YEAR ENDED JUNE 30, 1917: BY SPECIES.

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

Species.	Eggs.[1]	Fry.	Fingerlings, yearlings, and adults.	Total.
Catfish			4,251,289	4,251,289
Carp		112,000	605,407	717,407
Buffalofish		6,754,000	207,898	6,961,898
Shad		77,946,000		77,946,000
River herring			177,000	177,000
Whitefish	52,602,500	331,610,000		384,212,500
Lake herring (cisco)		82,550,000		82,550,000
Blueback salmon	2,000,000	75,038,525	5,793,953	82,832,478
Chinook salmon	7,191,200	16,404,404	27,065,581	50,661,185
Chum salmon		14,403,300	7,014,580	21,417,880
Humpback salmon		27,406,204	7,449,030	34,855,234
Silver salmon		4,403,700	4,662,960	9,066,660
Steelhead salmon	3,237,600	2,040,710	2,061,709	7,340,019
Atlantic salmon		3,028,850	887	3,029,737
Landlocked salmon	531,000	798,689	177,635	1,507,324
Rainbow trout	1,454,200	250,200	2,574,942	4,279,342
Blackspotted trout	1,630,000	2,051,400	2,683,900	6,365,300
Loch Leven trout			25,860	25,860
Lake trout	35,332,000	33,395,155	3,699,158	72,426,313
Brook trout	935,600	5,972,495	7,868,932	14,777,027
Sunapee Lake trout		8,000		8,000
Grayling	125,000	1,078,000		1,203,000
Smelt		28,000,000		28,000,000
Pike and pickerel			103,643	103,643
Freshwater drum			29,804	29,804
Crappies			1,565,072	1,565,072
Largemouth black bass		320,050	961,912	1,281,962
Smallmouth black bass		237,600	149,837	387,437
Rock bass			91,742	91,742
Warmouth bass			2,400	2,400
Sunfish			2,670,513	2,670,513
Pike perch	212,900,000	174,097,500	15,874	387,013,374
Yellow perch		175,421,000	163,839	175,584,839
White perch		32,625,000		32,625,000
White bass			15,298	15,298
Striped bass		16,137,000		16,137,000
Mackerel		2,341,000		2,341,000
Butterfish		920,000		920,000
Cod	1,000,000	236,786,000	2,648	237,788,648
Pollock		1,474,096,000		1,474,096,000
Haddock		6,720,000		6,720,000
Flounder		1,814,696,000		1,814,696,000
Miscellaneous fishes			16,708	16,708
Lobster		110,260,000	5,400	110,265,400
Total	318,939,100	4,757,908,782	82,115,411	5,158,963,293

[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. 120.—COMPARATIVE STATEMENT OF THE OUTPUT AND COST OF FISH AND FISH EGGS, YEARS ENDED JUNE 30, 1890, 1895, AND 1900, AND 1912 TO 1917: 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	261,706,666	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	22,438,005	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

[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. 121.—ALLOTMENTS OF FISH AND EGGS TO STATE FISH COMMISSIONS, YEAR ENDED JUNE 30, 1917: By States and Species.

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

State and species.	Eggs and fry.[1]	Fingerlings, yearlings, and adults.
California: Chinook salmon	7,027,300	
Illinois:		
Black bass		7,000
Brook trout	50,000	
Catfish		10,500
Crappie		300
Pike perch	15,000,000	
Rainbow trout	50,000	
Sunfish		4,000
Whitefish	5,000,000	
Yellow perch		250
Indiana: Pike perch	15,000,000	
Iowa:		
Brook trout	50,000	
Lake trout	100,000	
Pike perch	40,000,000	
Kentucky:		
Black bass		88
Chinook salmon		6,000
Crappie		2,800
Pike perch	*5,000,000	
Rainbow trout		10,000
Rock bass		1,050
Sunfish		4,200
Maine:		
Brook trout	100,000	
Lake trout	200,000	
Landlocked salmon	401,000	
Massachusetts: Catfish		12,500
Michigan:		
Grayling	50,000	
Lake trout	8,640,000	
Pike perch	40,000,000 *2,000,000	
Whitefish	*250,000	
Minnesota:		
Lake trout	3,300,000	
Steelhead trout	200,000	
Whitefish	122,500	
Missouri: Rainbow trout	98,400	
Montana:		
Black bass		7,500
Blackspotted trout	400,000	
Catfish		2,000
Rainbow trout	150,000	
Whitefish	300,000	
Nebraska: Pike perch	9,800,000	
Nevada: Brook trout	150,000	
New Hampshire:		
Brook trout	50,000	
Landlocked salmon	25,000	
Rainbow trout	100,000	
New Jersey:		
Rainbow trout	50,000	
Smallmouth black bass		1,500
Steelhead trout	100,000	
New York:		
Lake trout	5,490,000	
Landlocked salmon	25,000	
Pike perch	*6,000,000	
Steelhead trout	500,000	
Yellow perch	*250,000	
North Dakota:		
Pike perch	3,000,000	
Steelhead trout	100,000	
Ohio:		
Lake trout	600,000	
Pike perch	73,600,000	
Whitefish	40,980,000	
Oklahoma:		
Black bass		70
Catfish		10
Rock bass		80
Sunfish		90
Yellow perch	*100,000	60
Oregon:		
Blackspotted trout	250,000	
Blueback salmon	2,000,000	
Chinook salmon	163,900	60,000
Lake trout	1,000,000	
Silver salmon		10,000
Steelhead trout	1,687,600	
Pennsylvania:		
Lake trout	1,000,000	
Rainbow trout	50,000	
Pike perch	8,000,000	
South Dakota:		
Blackspotted trout	*30,000	
Brook trout		23,150
Pike perch	3,000,000	
Utah: Blackspotted trout	100,000	
Vermont:		
Channel catfish		100
Lake trout	1,500,000	
Landlocked salmon	40,000	
Steelhead trout	200,000	
Washington: Blackspotted trout	200,000	
Wisconsin:		
Lake trout	13,000,000	
Whitefish	5,000,000	
Wyoming:		
Blackspotted trout	300,000	
Lake trout	200,000	
Rainbow trout	100,000	
Steelhead trout	100,000	
Total	308,700,700 *14,230,000	163,248

[1] Fry are indicated by an asterisk, thus (*); all others are eggs.

No. 122.—ALASKA FISHERIES: SUMMARY OF PRODUCTS, CALENDAR YEARS 1915 AND 1916.

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

Product.	1915		1916	
	Quantity.	Value.	Quantity.	Value.
Salmon:		*Dollars.*		*Dollars.*
Canned ..... cases..	4,500,293	18,653,015	4,900,627	23,269,429
Mild-cured ..... pounds..	2,224,800	191,523	3,920,400	397,628
Pickled ..... barrels..	13,293	148,640	17,734	212,667
Fresh (including local) ..... pounds..	2,416,603	192,268	1,713,848	136,983
Frozen ..... do....	720,791	27,276	863,406	34,408
Dried, pickled, and smoked backs ..... do....	45,625	1,423	60,622	3,723
Halibut:				
Fresh (including local) ..... do....	10,047,634	554,898	5,672,118	407,422
Frozen ..... do....	5,589,864	244,423	5,724,023	268,319
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
Herring ..... do....	7,194,610	114,099	6,839,200	216,640
Herring, canned ..... cases..	.....	.....	19,850	132,330
Herring oil ..... gallons..	130,028	26,005	188,926	47,231
Herring fertilizer ..... pounds..	1,238,000	15,475	875	21,875
Whale oil ..... gallons..	876,500	295,000	717,500	291,500
Sperm oil ..... do....	101,800	38,000	90,500	29,750
Whale fertilizer ..... pounds..	2,990,000	48,750	1,873	1,471
Trout ..... do....	41,975	3,420	.....	.....
Frozen ..... do....	.....	.....	50,822	3,647
Pickled ..... barrels..	.....	.....	17	193
Canned ..... cases..	.....	.....	530	3,095
Sable fish ..... pounds..	.....	.....	304,141	11,185
Black cod ..... do....	142,550	3,971	.....	.....
Atka mackerel ..... barrels..	30	300	27	270
Red rock cod ..... pounds..	.....	.....	45,200	1,294
Miscellaneous fresh fish, local ..... do....	.....	.....	116,667	9,333
Clams ..... cases..	.....	.....	10,093	35,622
Shrimps ..... pounds..	.....	.....	72,005	3,636
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	.....	.....
By products:				
Oil ..... gallons..	47,976	14,227	40,750	20,150
Fertilizer and meal ..... pounds..	1,562,000	26,028	1,438,000	27,775
Miscellaneous fresh fish, local ..... do....	100,000	7,000	116,667	9,333
Total	.....	20,999,343	.....	26,156,559

No. 123.—ALASKA FISHERIES: Output of Canned Salmon, Calendar Years 1910 to 1916.[1]

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

Product.	1910	1911	1912	1913	1914	1915	1916	Total.
Coho, or silver:	*Cases.*	*Cases.*	*Cases.*	*Cases.*	*Cases.*	*Cases.*	*Cases.*	*Cases.*
½-pound flat	163	1,574	2,719	3,587	4,579	2,050	13,145	27,817
1-pound flat	2,249	1,075	17	266	285	2,338	8,191	14,421
1-pound tall	111,614	131,259	163,462	71,926	152,199	119,880	240,573	990,913
Total	114,026	133,908	166,198	75,779	157,063	124,268	261,909	1,033,151
Chum or keta:								
½-pound flat	.....	.....	2,795	985	373	.....	1,423	5,576
1-pound flat	.....	7,245	.....	2,619	5,568	317	.....	15,749
1-pound tall	254,218	316,550	661,838	287,314	657,918	479,629	722,692	3,380,159
Total	254,218	323,795	664,633	290,918	663,859	479,946	724,115	3,401,484
Humpback, or pink:								
½-pound flat	3,188	4,836	13,712	20,822	2,103	4,325	41,491	90,477
1-pound flat	7,900	9,437	.....	3,258	9,286	3,508	14,796	48,185
1-pound tall	543,233	991,005	1,266,426	1,348,801	974,660	1,867,683	1,681,506	8,673,314
Total	554,321	1,005,278	1,280,138	1,372,881	986,049	1,875,516	1,737,703	8,811,976
King, or spring:								
½-pound flat	54	67	5,151	1,585	3,143	2,404	2,617	15,021
1-pound flat	.....	.....	.....	.....	4,804	3,755	3,804	12,363
1-pound tall	40,167	45,451	38,166	32,785	40,092	82,092	59,452	338,205
Total	40,221	45,518	43,317	34,370	48,039	88,251	65,873	365,589
Red, or sockeye:								
½-pound flat	22,320	13,601	28,024	29,041	53,825	52,033	81,565	280,409
1-pound flat	39,941	4,967	16,242	11,735	64,671	112,847	86,395	336,798
1-pound tall	1,388,006	1,296,750	1,856,089	1,924,461	2,083,147	1,765,139	1,936,971	12,250,563
½-pound nominals	.....	.....	.....	.....	.....	2,293	.....	2,293
2-pound nominals	.....	.....	.....	.....	.....	.....	6,006	6,006
Total	1,450,267	1,315,318	1,900,355	1,965,237	2,201,643	1,932,312	2,110,937	12,876,069
Grand total	2,413,053	2,823,817	4,054,641	3,739,185	4,056,653	4,500,293	4,900,627	26,488,269

[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. 124.—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. 125.—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	4,029,967	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. 126.—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. 127.—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. 128.—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. 129.—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. 130.—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 formed of 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	301,868	6.4	1,782,863,000	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	5,468,383	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

A minus sign (—) denotes decrease.

No. 131.—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. 131.—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 [1]	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	495,601	296,188
	1914	1,362	1	22,406	339,518	361,925	423,994	354,692	24,044	234,505	243,829	514,041	270,212
Cars and general shop construction and repairs by electric-railroad companies.	1909	541	.....	1,281	22,418	23,699	55,794	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	139,895	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	6,250	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	243,495	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. 131.—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.	*Dollars.*	*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	28,546	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. 131.—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	1,296	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. 131.—Summary of Manufactures: By Specified Industries, Calendar Years 1909 and 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry. Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.	Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
								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	1,097	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, steel works and rolling mills	1909	446	47	20,639	240,076	260,762	2,100,978	1,004,735	26,191	103,201	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 steel works or rolling mills.	1909	57	42	432	2,765	3,239	7,723	8,808	562	1,353	3,972	8,192	4,220
	1914	64	40	495	2,644	3,179	8,235	7,283	691	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	39,408	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	2,137	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	2,233	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. 131.—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	3,261	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	65,603	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 cocoa 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	760	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	2,269	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. 131.—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	890	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	584,625	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	3,926	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	101,032
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	236,998	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	490	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. 131.—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	1,659	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	3,833	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	2,762
	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. 131.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry. Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.	Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
								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	86,944	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	245,660	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	403	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	263	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	13,084	19,945	71,959	60,157	2,199	10,316	60,543	84,486	23,943
	1914	54	18	2,122	17,660	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. 131.—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	17,544
	1914	552	419	2,070	12,126	14,615	21,547	38,509	2,874	6,719	24,114	41,789	17,675
Wood carpet	1909	10	9	28	184	221	269	423	33	138	228	490	262
	1914	6	4	22	166	192	131	147	28	166	308	557	249
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	3,387
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	4,995
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	1,078
	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	1,389
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	139,339
All other industries[1]	1909	24	16	232	602	850	622	19,682	435	402	2,307	4,596	2,289
	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. 132.—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	89,756	136,839	47,083	— 2.8	5.0
Connecticut	1904	3,477	2,918	13,523	181,605	198,046	304,204	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	110,119	257,259	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	64,403	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	24,775	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. 132.—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	4,448	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	3.5	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	14,802	154,174	176,227	380,758	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	5,858	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	33,386	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	209,450	82,795	2.7	13.9
Maryland	1904	3,852	4,505	8,624	94,174	107,303	165,449	201,378	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	11,634	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	860,143	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	493,354	156,505	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	28,336	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	13,943	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	3.3	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	15,465	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	1,348,663	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	46,038	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. 132.—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	189,217	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	4,588	4,496	9,849	70,230	84,575	282,471	216,876	10,868	37,997	178,178	272,896	94,718	43.1	81.3
	1914	5,084	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	26,094	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	9[illegible]	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	96,053	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	8,500,298	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	16.4	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	745,820	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	1,036,560	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. 36.

No. 132.—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.*		
West South Central	1904	8,279	8,299	14,871	143,470	166,640	555,717	328,906	15,190	67,128	246,832	415,232	168,400	26.5	54.6
	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	363,966	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

No. 133.—COMMERCIAL FAILURES, CALENDAR YEARS 1915, 1916, AND 1917: 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.	1915				1916				1917			
	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	443	20,945	2.11	4,828,317	358	20,019	1.79	5,178,828	128	19,781	0.65	1,496,528
Arizona	30	2,557	1.17	235,450	19	2,821	.67	77,532	40	3,306	1.21	311,858
Arkansas	396	19,217	2.06	3,859,867	187	19,236	.97	2,098,782	109	20,698	.53	714,282
California	1,277	66,433	1.92	10,087,466	1,130	68,929	1.64	7,287,696	949	68,544	1.38	6,374,159
Colorado	135	18,162	.75	1,529,331	123	18,086	.68	5,096,585	87	14,523	.60	557,399
Connecticut	366	21,965	1.67	3,374,090	307	22,800	1.35	2,132,970	319	23,360	1.37	8,642,146
Delaware	26	4,087	.64	708,745	27	4,218	.59	120,818	11	4,429	.25	70,751
District of Columbia	57	7,279	.78	892,930	47	5,986	.79	625,668	51	5,922	.86	412,766
Florida	500	14,423	3.47	10,847,920	342	15,143	2.26	3,496,864	210	15,935	1.32	3,428,273
Georgia	638	27,711	2.30	6,647,096	395	27,637	1.43	3,246,161	281	27,656	1.02	3,430,277
Idaho	66	6,194	1.07	382,090	60	6,604	.91	1,556,462	58	6,804	.85	464,821
Illinois	1,517	115,911	1.31	19,100,428	1,091	118,759	.92	12,273,118	895	119,003	.75	11,496,437
Indiana	542	52,808	1.03	24,624,536	528	53,181	.99	5,362,616	385	50,113	.77	3,695,069
Iowa	317	42,273	.75	2,553,098	326	43,010	.76	2,241,549	231	41,522	.56	1,738,256
Kansas	203	31,146	.65	1,169,632	198	32,025	.62	906,002	146	34,558	.42	1,171,544
Kentucky	366	29,853	1.23	2,978,796	277	30,105	.92	1,512,455	200	29,691	.67	1,695,799
Louisiana	278	21,527	1.29	3,172,340	310	21,844	1.42	3,478,367	187	18,774	1.00	1,693,729
Maine	272	18,713	1.45	1,524,445	220	18,906	1.16	1,994,616	151	18,882	.80	1,424,353
Maryland	296	22,747	1.30	4,233,937	226	23,300	.97	2,534,981	192	23,290	.82	1,363,672
Massachusetts	1,041	64,763	1.67	13,209,920	928	68,022	1.36	10,326,675	895	68,938	1.30	10,777,054
Michigan	426	54,896	.78	5,721,825	290	56,043	.52	2,053,462	354	57,591	.61	4,832,688
Minnesota	341	39,016	.87	3,756,484	318	39,751	.80	2,998,162	267	40,157	.66	1,776,502
Mississippi	279	16,250	1.72	2,060,745	181	16,854	1.07	2,005,172	188	15,402	1.22	1,422,724
Missouri	717	65,643	1.09	7,906,723	509	65,427	.78	4,443,549	410	77,782	.53	4,113,434
Montana	64	10,850	.59	1,366,666	80	11,303	.71	603,700	90	11,594	.78	522,638
Nebraska	177	22,463	.79	1,711,393	147	22,317	.66	1,049,732	113	22,535	.50	1,037,747
Nevada	23	2,200	1.05	75,714	28	2,176	1.29	226,922	26	2,236	1.16	76,636
New Hampshire	43	8,536	.50	360,657	63	8,634	.73	223,117	49	8,569	.57	380,768
New Jersey	437	59,520	.73	9,437,966	411	60,557	.68	7,924,380	398	65,722	.61	8,431,446
New Mexico	30	3,643	.82	365,633	23	3,841	.60	465,696	17	3,965	.43	82,278
New York	3,742	221,777	1.69	72,819,242	2,494	229,680	1.09	39,050,788	2,200	234,626	.94	45,726,020
North Carolina	293	25,047	1.17	2,721,960	226	25,128	.90	3,670,695	167	25,556	.65	1,805,706
North Dakota	72	10,256	.70	703,690	41	11,066	.37	344,928	44	11,629	.38	555,621
Ohio	805	98,275	.82	9,155,041	738	100,546	.73	10,389,737	642	101,253	.63	8,660,152
Oklahoma	462	24,789	1.86	3,567,326	319	26,035	1.23	2,202,813	245	26,456	.93	1,179,183
Oregon	393	15,997	2.46	3,628,234	360	15,444	2.33	4,243,438	318	15,624	2.04	5,530,602

No. 133.—COMMERCIAL FAILURES, CALENDAR YEARS 1915, 1916, AND 1917: PERCENTAGE TO TOTAL NUMBER OF CONCERNS IN BUSINESS AND AGGREGATE LIABILITIES, BY STATES AND BY GEOGRAPHIC DIVISIONS—Continued.

State.	1915				1916				1917			
	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	1,438	143,444	1.00	21,950,157	1,163	145,251	0.80	15,863,174	921	149,480	0.62	14,203,424
Rhode Island	183	9,060	2.02	1,852,073	113	9,432	1.20	586,464	105	9,524	1.10	503,488
South Carolina	316	13,423	2.35	3,326,569	161	13,906	1.16	1,733,457	135	13,248	1.02	1,205,300
South Dakota	56	10,308	.54	519,905	42	10,687	.39	380,725	44	11,441	.38	270,231
Tennessee	512	23,801	2.15	3,677,910	349	24,170	1.44	6,227,729	225	24,463	.92	2,075,087
Texas	883	53,113	1.66	10,197,060	588	54,791	1.07	5,936,223	431	53,941	.80	3,380,339
Utah	77	6,032	1.28	359,522	88	6,173	1.31	735,879	92	6,342	1.45	532,403
Vermont	60	5,913	1.01	528,521	59	6,193	.95	602,544	48	7,113	.67	422,831
Virginia	457	27,426	1.67	3,003,874	343	27,270	1.26	2,018,682	166	26,920	.62	2,222,747
Washington	525	23,567	2.23	7,813,044	355	22,865	1.55	3,418,803	251	23,079	1.09	6,384,477
West Virginia	218	17,936	1.22	2,792,367	152	18,591	.82	1,910,050	150	17,602	.85	2,174,387
Wisconsin	340	50,164	.68	4,698,638	250	50,171	.50	3,291,897	221	51,047	.43	1,861,448
Wyoming	21	2,427	.86	246,775	12	2,375	.50	43,593	13	2,599	.50	61,881
Total	22,156	1,674,486	1.32	302,286,148	16,993	1,707,639	.99	196,212,256	13,855	1,733,225	.80	182,441,371
Geographic divisions.[1]												
New England	1,965	128,950	1.52	20,849,706	1,690	133,987	1.26	15,866,386	1,567	136,386	1.15	22,150,650
Middle Atlantic	5,617	424,741	1.32	104,207,365	4,068	435,488	.93	62,838,342	3,519	449,828	.78	68,360,890
South Atlantic	2,801	160,079	1.75	35,175,398	1,917	161,179	1.19	19,357,376	1,363	160,558	.85	16,113,879
South Central	3,619	209,495	1.73	34,342,361	2,569	213,054	1.21	28,640,369	1,713	209,206	.82	13,657,671
Central East	3,630	372,054	.98	63,300,468	2,897	378,700	.76	33,370,830	2,497	379,007	.66	30,545,794
Central West	1,883	221,105	.85	18,320,925	1,581	224,283	.70	12,364,647	1,255	239,624	.52	10,713,335
Western	446	52,065	.86	4,561,181	426	53,379	.80	8,824,369	423	51,369	.82	2,609,914
Pacific	2,195	105,997	2.07	21,528,744	1,845	107,238	1.72	14,949,937	1,518	107,247	1.42	18,289,238

[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. 134.—COMMERCIAL FAILURES, QUARTERLY AND ANNUALLY, 1891 TO 1917: 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	3,635	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	42,177,698	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	1,564,279	.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

No. 135.—FAILURES IN MANUFACTURING, TRADING, ETC., CALENDAR YEAR 1917: 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	13	531,692	114	920,736	1	44,100	128	933,582	1,496,528
Arizona	5	53,622	34	220,236	1	38,000	40	232,112	311,858
Arkansas	12	136,174	94	520,096	3	58,012	109	516,673	714,282
California	213	2,186,123	684	3,705,820	52	482,216	949	3,250,717	6,374,159
Colorado	10	160,317	68	367,370	9	29,712	87	371,704	557,399
Connecticut	113	7,040,276	189	1,419,514	17	182,356	319	3,956,979	8,642,146
Delaware	3	23,700	8	47,051	.....	.....	11	25,812	70,751
District of Columbia	19	101,369	31	305,897	1	5,500	51	245,617	412,766
Florida	38	831,575	159	1,441,217	13	1,155,481	210	470,697	3,428,273
Georgia	29	541,912	238	2,628,720	14	259,645	281	2,528,805	3,430,277
Idaho	9	27,474	49	437,347	.....	.....	58	405,238	464,821
Illinois	226	4,034,995	626	4,795,502	43	2,665,940	895	6,189,969	11,496,437
Indiana	86	2,330,039	275	1,225,964	24	139,066	385	2,069,541	3,695,069
Iowa	44	479,645	168	924,317	19	334,294	231	1,026,611	1,738,256
Kansas	25	489,159	117	654,628	4	27,757	146	657,656	1,171,544
Kentucky	32	627,727	153	655,110	15	412,962	200	1,380,611	1,695,799
Louisiana	23	1,004,068	160	643,449	4	46,212	187	1,268,224	1,693,729
Maine	46	906,110	100	500,831	5	17,412	151	508,528	1,424,353
Maryland	68	573,545	117	761,788	7	28,339	192	705,787	1,363,672
Massachusetts	408	5,164,562	423	4,053,312	64	1,559,190	895	3,623,162	10,777,064
Michigan	110	2,754,666	216	1,811,181	28	266,841	354	3,632,590	4,832,688
Minnesota	44	356,141	216	1,389,018	7	31,343	267	1,197,712	1,776,502
Mississippi	24	296,766	162	1,107,893	2	18,065	188	1,137,612	1,422,724
Missouri	97	1,827,466	299	2,096,694	14	189,274	410	1,720,622	4,113,424
Montana	11	85,546	76	435,077	3	2,015	90	448,791	522,638
Nebraska	28	401,191	78	443,196	7	243,360	113	635,825	1,087,747
Nevada	4	1,750	21	73,686	1	1,200	26	59,422	76,636
New Hampshire	13	157,397	30	171,956	6	51,415	49	140,341	380,768
New Jersey	140	4,741,401	231	2,975,496	27	714,549	398	5,948,763	8,431,446
New Mexico	3	11,216	13	66,562	1	4,500	17	72,054	82,278

New York	813	21,324,039	1,223	12,903,703	164	11,498,278	2,200	20,461,912	45,726,020
North Carolina	23	854,458	142	933,748	2	17,500	167	1,640,068	1,805,706
North Dakota	4	70,011	39	450,610	1	35,000	44	398,416	555,621
Ohio	208	5,210,104	408	2,894,430	26	555,618	642	7,502,652	8,660,152
Oklahoma	19	122,133	219	948,537	7	108,513	245	713,556	1,179,183
Oregon	110	700,611	179	886,909	29	3,943,082	318	3,731,467	5,530,602
Pennsylvania	257	7,905,287	618	4,308,413	46	1,989,724	921	9,677,597	14,203,421
Rhode Island	39	309,591	59	136,091	7	57,806	105	223,529	503,488
South Carolina	9	109,050	120	922,120	6	174,130	135	827,085	1,205,300
South Dakota	6	19,314	37	249,417	1	1,500	44	158,260	270,231
Tennessee	47	775,058	169	1,179,311	9	120,718	225	1,068,397	2,075,087
Texas	32	219,414	394	2,821,018	5	339,907	431	1,621,653	3,380,339
Utah	12	32,721	75	492,882	5	6,800	92	384,462	532,403
Vermont	15	292,150	32	127,981	1	2,700	48	278,844	422,831
Virginia	45	971,393	117	1,228,975	4	22,379	166	1,706,601	2,222,747
Washington	62	1,226,189	175	1,148,629	14	4,009,659	251	4,583,607	6,384,477
West Virginia	22	723,134	125	610,937	3	840,316	150	1,515,776	2,174,387
Wisconsin	71	799,226	139	1,013,913	11	48,309	221	1,578,432	1,861,448
Wyoming	1	2,000	11	59,381	1	500	13	30,734	61,881
Total	3,691	79,543,507	9,430	70,116,669	734	32,781,195	13,855	103,464,805	182,441,371
Geographic divisions.[1]									
New England	634	13,870,086	833	6,409,685	100	1,870,879	1,567	8,731,383	22,150,650
Middle Atlantic	1,210	33,970,727	2,072	20,187,612	237	14,202,551	3,519	36,088,272	68,360,890
South Atlantic	256	4,730,136	1,057	8,880,453	50	2,503,290	1,363	9,666,248	16,113,879
South Central	202	3,713,032	1,465	8,796,150	46	1,148,489	1,713	8,640,308	13,657,671
Central East	701	15,129,030	1,664	11,740,990	132	3,675,774	2,497	20,973,184	30,545,794
Central West	248	3,642,927	954	6,207,880	53	862,528	1,255	5,795,102	10,713,335
Western	55	374,646	347	2,152,541	21	82,727	423	2,004,517	2,609,914
Pacific	385	4,112,923	1,038	5,741,358	95	8,434,957	1,518	11,565,791	18,289,238

[1] For States included in each division, see note 5, p. 36.

No. 136.—OLEOMARGARINE: Production on Which Internal-Revenue Tax was Paid, Years Ended June 30, 1914 to 1917, by States.

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

State.	1914		1915		1916		1917	
	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.
	Pounds.	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*
Colorado	394,390	2,619.10	505,650	4,691.25	461,700	4,457.25	1,115,550	5,231.25
Connecticut					50,000	5,000.00		
Georgia			8,250	825.00	3,049	304.90		
Illinois	89,220,748	478,761.20	100,379,921	472,217.57	100,526,176	463,344.82	146,656,041	583,774.30
Indiana	1,079,210	8,714.75	1,009,060	7,013.50	1,079,225	7,692.50	1,979,146	12,030.88
Iowa	230	23.00						
Kansas	11,630,683	55,986.27	8,545,803	46,881.33	8,570,342	51,144.83	13,098,752	95,513.48
Kentucky			22	2.16	199	19.90	4,157	415.67
Louisiana			8,800	880.00			21	2.10
Maine	152	15.20						
Maryland	359,190	3,478.80	311,790	3,879.00	307,455	3,621.00	435,498	7,677.02
Massachusetts	20	1.95	1,286,000	3,215.00	2,170,700	5,426.75	3,625,300	9,063.25
Michigan	3,500	350.00	145,900	364.75	196,230	513.00	153,000	382.50
Minnesota	1,372,000	3,430.00	1,193,700	2,984.25	1,268,600	3,171.50	2,452,400	6,131.00
Missouri	2,781,641	30,375.65	4,143,206	50,429.15	5,264,820	46,225.47	6,795,890	86,781.54
Nebraska			1,043,400	2,608.50	1,155,200	2,888.00	2,657,800	6,644.50
New Hampshire	30	3.00						
New Jersey	6,335,650	19,726.45	8,152,176	29,506.44	9,733,080	28,560.30	20,207,340	72,159.84
New York					238,422	23,842.20	56,904	148.11
Ohio	15,645,908	94,963.94	14,127,979	144,016.04	14,884,154	99,341.09	23,666,099	107,435.42
Rhode Island	11,889,713	49,782.14	1,484,082	4,906.53	3,150,920	7,877.30	6,836,478	17,101.92
Tennessee			210	21.00				
Texas	1,050,540	15,554.85	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				
Wisconsin			46,992	117.48	795,520	1,988.80	1,280,800	3,202.00
Total	[1]141,763,605	763,786.30	[2]143,268,730	788,342.44	[3]150,523,725	764,699.91	[4]232,643,176	1,027,881.78

[1] Includes 4,198,741 pounds, at 10 cents, and 137,564,864 pounds, at one-fourth of 1 cent per pound.
[2] Includes 4,412,006 pounds, at 10 cents, and 138,856,724 pounds, at one-fourth of 1 cent per pound.
[3] Includes 3,983,493 pounds, at 10 cents, and 146,540,232 pounds, at one-fourth of 1 cent per pound.
[4] Includes 4,577,168 pounds, at 10 cents, and 228,066,008 pounds, at one-fourth of 1 cent per pound.

No. 137.—BEET AND CANE SUGAR AND MOLASSES: Quantities Produced in the United States, 1852 to 1918.

[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]	126,548,173	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	851,200	11,096,738	1,213,302	12,310,040
1881–1890[2]	267,329,637	14,671,650	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	27,272,000	21,277,179	6,124,752	27,401,932
1896–1900[2]	547,151,486	10,328,461	557,479,947	95,243,615	20,661,216	6,431,452	27,092,668
1901–1905[2]	661,464,036	20,172,453	681,636,489	388,724,619	26,953,377	7,718,527	34,671,905
1906–1910[2]	707,840,000	[4]27,776,000	735,616,000	879,405,532	24,982,244	6,264,496	31,246,740
1910–11	685,440,000	[4]24,640,000	710,080,000	1,020,344,000	31,954,957	10,716,160	42,671,117
1911–12	705,747,840	[4]16,000,320	721,748,160	1,199,000,000	34,213,839	8,000,000	42,213,839
1912–13	307,146,560	[4]18,000,640	325,147,200	1,385,112,000	14,659,089	9,200,000	23,859,089
1913–14	585,394,880	[4]15,680,000	601,074,880	1,466,802,000	25,822,845	12,107,000	37,929,845
1914–15	485,399,040	[4]7,840,000	493,239,040	1,444,108,000	21,053,768	14,000,000	35,053,768
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	621,799,000	1,641,314,000	58,890,448		79,464,448
1917–18[5]	504,000,000	[4]4,480,000	508,480,000	1,697,600,000	41,001,811		62,001,811

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

No. 138.—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. 139.—SUGAR BEETS AND BEET SUGAR: BEETS AND BEET SUGAR PRODUCED IN THE UNITED STATES, 1902 TO 1914, AND IN 1915 AND 1916, BY STATES.

[Source: Reports of the Department of Agriculture.]

Year of beet crop and State.	Number of factories.	Average length of campaign.	Sugar made. (Chiefly refined.)	Sugar beets used.				Analysis of beets.		Recovery of sucrose.[1]		Loss.[4]
				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.*
1902	41	94	218,406	216,400	8.76	1,895,812	5.03	14.6	83.30	11.52	78.90	3.08
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	[5] 4.95	15.3	83.10	11.69	76.41	3.61
1905	52	77	312,921	307,364	8.67	2,665,913	[5] 5.00	15.3	83.00	11.74	76.73	3.56
1906	63	105	483,612	376,074	11.26	4,236,112	[5] 5.10	14.9	82.20	11.42	76.64	3.48
1907	63	89	463,628	370,984	10.16	3,767,871	[5] 5.20	15.8	83.60	12.30	77.85	3.50
1908	62	74	425,884	364,913	9.36	3,414,891	[5] 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.										—		
California	11	97	195,343	122,737	10.2	1,249,111	5.86	17.82	82.65	15.64	87.77	2.18
Colorado	14	104	273,780	171,222	11.0	1,888,860	5.88	16.53	84.84	14.49	87.66	2.04
Idaho	4	100	51,225	35,068	9.7	339,859	5.08	17.85	87.14	15.07	84.43	2.78
Michigan	15	78	129,997	122,000	8.2	997,972	5.91	15.45	84.08	13.03	84.34	2.42
Ohio	4	80	33,472	25,684	10.9	279,427	5.29	14.19	81.99	11.98	84.43	2.21
Utah	8	96	85,014	56,226	11.2	629,204	4.91	16.43	85.06	13.51	82.23	2.92
Other States	11	84	105,389	78,364	9.8	765,860	5.67	16.38	84.24	13.76	84.00	2.62
United States	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

[1] Percentage of sucrose actually extracted by factories.
[2] Based upon weight of beets worked.
[3] Percentage of sucrose (pure worked sugar) in the total soluble solids of the beets.
[4] Percentage of sucrose (based upon weight of beets) remaining in molasses and pulp.
[5] Senate Document No. 22, Sixty-first Congress, first session.

No. 140.—FERMENTED LIQUORS AND DISTILLED SPIRITS PRODUCED, AND DISTILLED SPIRITS TAX PAID FOR CONSUMPTION: QUANTITIES[1] AND KINDS, 1897 TO 1917.

[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.*
1897	6,113,726	4,269,220	9,503,353	1,294,157	1,159,314	206,739	16,877,306	23,041,833	62,465,648	34,462,822	1,813,427	64,279,075	68,833,231
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	128,563,201	99,267,732
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	124,985	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

Year ended June 30—	Whisky.	Rum.	Gin.	High wines.	Alcohol.	Commercial alcohol.	Total.
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*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
1910	82,463,894	2,253,950	2,985,435	206,534	50,703,846	17,623,867	156,237,526
1911	100,647,155	2,631,059	3,345,371	165,018	24,408,462	[5]44,205,330	175,402,395
1912	98,209,574	2,832,516	3,577,862	131,002	27,629,346	[5]45,869,685	178,249,985
1913	99,615,828	2,750,846	4,014,601	90,294	30,320,894	[5]48,560,920	185,353,383
1914	88,698,797	3,026,085	4,012,542	26,484	31,715,199	[5]47,132,535	174,611,645
1915	44,552,490	2,844,313	3,636,285	33,854	38,325,049	[5]42,742,161	132,134,152
1916	59,240,672	2,986,940	4,118,064	59,246	121,799,942	[5]60,919,058	249,123,922
1917	57,651,834	2,842,922	5,756,667	167,267	145,535,791	[5]65,879,886	277,834,367

Year ended June 30—	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].
1909	[4]56,364,360	6,440,858	139,891,613	114,799,465
1910	[4]59,544,775	7,656,434	163,893,960	126,453,592
1911	[4]63,283,123	7,953,132	183,355,527	132,166,148
1912	[4]62,176,694	9,321,823	187,571,808	133,377,458
1913	[4]65,324,876	8,252,875	193,606,258	140,418,289
1914	[4]66,189,473	7,307,897	181,919,542	136,433,749
1915	[4]59,808,210	8,521,951	140,656,103	121,639,124
1916	[4]58,633,624	4,159,351	253,283,273	133,241,735
1917	[4]60,817,379	8,251,097	286,085,464	160,996,577

[1] With respect to units of quantity, see explanation of terms, p. 7.
[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. 141.—DISTILLED SPIRITS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1912 TO 1917.

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

State.	1912	1913	1914	1915	1916	1917
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]
Alabama and Mississippi	122,348	122,427	144,612	81,891	.....	.....
Arkansas	69,230	113,103	76,590	31,438	178	.....
California and Nevada	11,926,361	11,076,156	11,683,955	14,735,978	11,845,251	17,851,482
Colorado and Wyoming	.....	.....	.....	57	104	260
Connecticut	160,326	151,714	160,406	142,853	127,215	132,054
Rhode Island	1,413	4,212	2,234	944	237	224
Florida	120,882	141,177	107,882	142,389	2,715	.....
Georgia	.....	218	.....	.....	.....	.....
Hawaii	11,221	30,934	19,751	18,666	13,672	14,015
Illinois	38,932,758	43,964,336	41,628,073	33,265,472	66,868,865	79,320,617
Indiana	27,522,220	28,552,317	24,938,524	19,073,089	51,108,395	43,361,276
Kentucky	43,749,193	43,404,841	37,919,422	13,941,412	33,254,130	36,441,778
Louisiana and Mississippi	10,867,595	11,322,848	10,720,023	12,974,076	23,291,661	26,545,833
Maryland and two counties in Virginia	5,589,729	6,007,113	5,022,489	2,602,767	3,327,842	24,965,821
District of Columbia	626,863	635,023	761,401	620,729	1,664,339	698,812
Massachusetts	5,355,847	5,066,211	7,346,829	7,910,430	11,609,189	12,511,238
Michigan	2,284,627	2,004,580	1,070,650	1,902,013	2,575,375	819,908
Missouri	495,934	530,028	329,606	289,881	194,172	289,660
Montana, Idaho, and Utah	.....	.....	34,854	19,191	52,386	244,772
Nebraska	2,388,874	2,214,558	2,109,018	1,659,946	2,476,219	2,938,594
New Hampshire, Maine, and Vermont	583	678	1,064	4,693	.....	.....
New Jersey	120,743	70,786	75,888	95,779	56,158	54,494
New Mexico and Arizona	891	1,873	263	555	296	315
New York	10,179,057	10,057,414	10,444,779	10,717,299	13,802,024	13,856,054
North Carolina	727	2,208	242	1,114	.....	.....
Ohio	11,419,929	11,268,793	10,882,800	7,487,799	12,448,348	10,114,573
Oregon	1,357	259	153	.....	.....	.....
Pennsylvania	10,583,503	11,679,566	12,105,662	8,954,580	14,408,130	12,190,764
South Carolina	586,329	548,614	82,342	836,259	1,179,890	1,159,309
Tennessee	.....	1,956	.....	.....	.....	.....
Texas	.....	622	.....	.....	.....	13,905
Virginia	1,505,780	1,437,649	1,478,352	1,010,556	547,560	122,957
Washington and Alaska	115,492	448,963	21,223	270	392	.....
West Virginia	294,117	296,403	268,111	.....	.....	.....
Wisconsin	2,537,880	2,448,678	2,482,344	2,133,977	2,428,480	2,527,249
Total	187,571,808	193,606,258	181,919,542	140,656,103	253,283,273	286,085,464

[1] See explanatory notes, p. 7.

NOTE.—There was no production of distilled spirits during the fiscal year 1917 in the following States and Territories: Alabama, Alaska, Arizona, Arkansas, Colorado, Delaware, Florida, Georgia, Idaho, Iowa, Kansas, Maine, Minnesota, Mississippi, Nevada, New Hampshire, North Carolina, North Dakota, Oklahoma, South Dakota, Tennessee, Utah, Vermont, and Washington.

No. 142.—FERMENTED LIQUORS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1912 TO 1917.

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

State.	1912	1913	1914	1915	1916	1917
	Barrels.[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]
Alabama	39,835	44,945	45,426	35,659	.....	.....
Alaska	7,417	5,891	8,983	5,912	6,590	8,728
Arizona	18,850	20,410	21,235	8,535	2,510	122
Arkansas	8,850	10,550	10,950	10,827	6,004	.....
California	1,296,355	1,335,449	1,390,890	1,281,951	1,382,589	1,542,876
Colorado	387,761	389,472	374,853	326,138	163,544	707
Connecticut	736,261	786,267	786,272	760,502	909,114	1,019,572
Delaware	129,695	145,895	137,820	125,599	132,530	158,705
District of Columbia	234,576	266,580	230,944	169,973	122,285	161,791
Florida	21,200	25,500	25,455	29,983	28,218	29,403
Georgia	138,955	141,620	142,430	110,073	80,387	.....
Hawaii	20,967	25,348	31,335	35,194	40,858	44,781
Idaho	29,591	27,213	20,545	23,796	11,830	.....
Illinois	6,263,862	6,656,823	6,987,568	6,269,757	5,955,231	6,223,097
Indiana	1,546,292	1,699,281	1,769,038	1,568,028	1,436,099	1,548,615
Iowa	447,114	484,088	503,370	472,764	210,498	.....
Kansas and Oklahoma	101	.....	20	.....	.....	.....
Kentucky	801,935	821,640	858,515	763,112	672,417	673,272
Louisiana and Mississippi	483,988	542,156	524,965	502,811	547,014	514,361
Maine	355	360	1,631	590	104	866
Maryland and two counties in Virginia	1,093,838	1,139,620	1,177,744	1,116,811	1,119,896	1,164,121
Massachusetts	2,386,905	2,541,615	2,521,618	2,378,437	2,450,411	2,518,887
Michigan	1,792,105	2,008,371	2,113,494	1,929,472	2,154,802	2,338,521
Minnesota	1,512,139	1,633,452	1,749,555	1,643,108	1,511,916	1,539,321
Missouri	4,030,390	4,170,085	4,142,160	3,567,763	3,344,092	3,434,174
Montana	232,618	268,851	288,247	241,642	276,567	319,313
Nebraska	413,014	442,388	458,640	425,919	412,924	362,354
Nevada	18,662	15,420	17,580	17,558	14,515	14,869
New Hampshire	266,720	289,010	283,100	282,027	279,124	268,564
New Jersey	3,397,375	3,531,616	3,495,594	3,219,685	3,278,613	3,402,420
New Mexico	9,240	8,756	8,637	9,168	9,850	9,657
New York	13,677,850	13,956,878	14,040,387	13,180,111	12,732,529	13,198,400
Ohio	4,742,665	5,150,187	5,147,419	4,622,581	4,844,239	5,458,868
Oklahoma	72	178	.....	13	55	187
Oregon	243,819	222,888	212,276	181,272	106,260	6,265
Pennsylvania	7,449,543	7,959,509	8,008,786	7,166,300	7,634,211	8,174,457
Rhode Island	667,385	701,630	691,734	621,977	650,775	680,558
South Carolina	2,688	3,862	4,607	3,767	812	.....
South Dakota	44,808	44,352	44,557	43,052	43,403	50,636
Tennessee	273,850	278,882	225,923	89,573	48,548	32,999
Texas	673,262	744,911	740,502	661,867	706,910	755,582
Utah	129,105	140,648	149,715	130,121	139,112	164,126
Virginia	196,756	208,511	197,035	164,517	153,806	54,182
Washington	854,147	876,772	965,562	876,962	468,073	.....
West Virginia	370,142	371,017	342,942	.....	.....	.....
Wisconsin	5,016,701	5,171,179	5,278,989	4,718,431	4,525,027	4,919,014
Wyoming	16,935	15,300	15,425	14,872	19,332	22,948
Total[2]	62,176,694	65,324,876	66,189,473	59,808,210	58,633,624	60,817,379

[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.

No. 143.—LEAF TOBACCO HELD BY MANUFACTURERS AND DEALERS: QUANTITIES, BY TYPE, ON APR. 1 AND OCT. 1, 1915 TO 1917.[1]

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

Type.	Apr. 1—			Oct. 1—		
	1915	1916	1917	1915	1916	1917
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Imported types	70,002,758	60,223,041	49,231,462	63,658,729	58,290,911	50,705,516
CHEWING, SMOKING, SNUFF, AND EXPORT TYPES.						
Burley	343,738,796	319,436,475	323,191,432	249,803,577	199,321,165	207,593,654
Dark district of Kentucky and Tennessee:						
Dark fired as grown in Clarksville, Hopkinsville, and Paducah districts	158,725,092	148,132,869	219,285,905	149,833,563	122,368,324	128,010,509
Henderson	11,788,039	12,087,068	19,098,080	2,424,313	4,649,242	16,422,702
Green River	58,388,601	55,266,237	65,321,153	45,192,580	34,344,199	49,484,116
One Sucker	37,294,435	29,689,581	44,117,005	22,259,554	16,702,064	18,561,754
Total	266,196,167	245,175,755	347,732,143	219,710,010	178,063,829	212,479,081
Virginia sun cured	13,654,647	11,758,277	9,168,844	9,464,827	7,285,760	4,863,174
Virginia dark	51,243,993	57,562,228	55,026,657	28,655,831	38,756,459	45,236,108
Bright yellow district of Virginia, North Carolina, and South Carolina	335,724,803	358,238,479	297,701,301	276,771,734	268,129,978	349,936,059
Maryland	9,876,686	6,457,050	9,050,470	17,629,058	10,644,472	18,226,868
Eastern Ohio export	3,206,038	2,749,881	1,947,015	4,198,503	1,890,371	1,939,089
All other domestic, including Louisiana perique	525,163	482,084	613,913	503,022	360,473	404,196
Total chewing, etc.	1,024,166,293	1,001,860,229	1,044,431,775	806,736,562	704,452,507	840,678,229
CIGAR TYPES.						
New England, including Connecticut:						
Broad leaf	30,537,681	33,688,942	28,619,683	31,217,506	29,884,371	25,397,452
Havana seed	27,853,216	31,437,832	29,515,296	24,359,058	22,731,599	25,810,398
Shade grown	2,304,891	2,604,780	3,463,083	2,194,585	1,913,003	2,833,053
Total	60,695,788	67,731,554	61,598,062	57,771,149	54,528,973	54,040,903
New York	5,474,879	6,305,286	3,634,216	4,250,488	3,989,282	3,088,689
Pennsylvania	127,238,967	109,391,882	90,751,312	105,460,066	79,294,496	76,502,712
Ohio	91,029,148	74,190,735	84,505,282	74,329,126	59,913,485	64,378,753
Wisconsin	88,661,983	86,795,711	62,591,617	78,891,003	55,937,924	53,050,557
Georgia and Florida	6,460,514	6,644,540	5,459,062	8,515,339	11,542,381	6,357,614
Porto Rico	6,934,852	4,683,810	3,493,808	5,888,910	4,780,971	4,842,631
All other domestic	363,256	264,731	436,977	261,576	287,785	410,430
Total cigar types	386,859,387	356,008,249	312,470,336	335,367,657	270,275,297	262,672,289
Grand total	1,481,028,438	1,418,091,519	1,406,133,573	1,205,762,948	1,033,018,715	1,154,056,034

[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. 144.—COTTON SEED AND COTTONSEED PRODUCTS: PRODUCTION AND MANUFACTURE, QUANTITIES AND VALUES, 1892 TO 1916.

[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.		
					Value.	
	Produced.	Manufactured.	Total value.	Quantity.	Total.	Per gallon.
	Short tons.	*Short tons.*	*Dollars.*	*Gallons.*	*Dollars.*	*Cents.*
1892	3,183,000	1,050,000	18,630,000	42,010,000	10,080,000	24
1893	3,579,000	1,431,000	28,500,000	57,260,000	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

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.*
1892	368,000	8,550,000	23.23	.....	.....	.....	.....	.....	.....
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[2]	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	1,330,552	45,193,000	6.8

[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. 145.—PATENTS: Comparative Statement of the Business of the United States Patent Office, 1895 to 1917.

[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	1,245,246.93	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	1,350,828.58	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	.....	37,731	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

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

No. 146.—PATENTS AND TRADE-MARKS: Number of Patents, Trade-Marks, and Labels Issued, 1895 to 1918.

[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	35,880	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	37,731	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	1088267	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	.....	.....	.....	.....	.....	.....	.....

[1] Registration of labels practically suspended May 27, 1891, under decision of United States Supreme Court. Resumed June 9, 1896.
[2] Including "Prints" after 1912.

No. 147.—BUILDING OPERATIONS: NUMBER OF PERMITS AND COST OF BUILDINGS, BY PRINCIPAL CITIES, CALENDAR YEARS 1911 TO 1917.

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

City.	1911		1912		1913		1914		1915		1916[1]		1917[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.*
Atlanta, Ga	3,993	6,142,077	3,529	9,806,836	3,606	5,112,944	3,146	4,564,387	2,752	4,589,214	2,453	3,661,846	2,321	4,971,612
Baltimore, Md	(2)	(2)	(2)	(2)	13,321	14,053,802	12,058	16,308,299	1,957	9,541,891	3,021	9,246,497	1,347	6,302,646
Boston, Mass	3,547	19,379,396	4,410	26,755,652	4,549	22,780,011	4,247	23,187,282	6,328	29,113,692	4,251	27,826,628	4,679	23,426,661
Brooklyn, N. Y	9,223	37,218,384	11,408	40,537,784	10,962	34,762,506	11,445	41,872,307	14,515	45,601,851	9,851	41,338,737	9,518	34,054,117
Buffalo, N. Y	3,402	10,364,000	4,090	12,992,000	4,059	13,300,360	3,984	10,709,000	4,809	11,798,000	4,743	13,137,000	4,068	10,501,000
Cambridge, Mass	567	2,905,525	580	2,946,490	527	6,588,685	541	6,300,105	627	3,384,290	684	4,210,946	595	3,741,273
Chicago, Ill	12,586	103,272,000	10,751	83,175,900	10,792	89,668,427	9,938	83,261,710	10,340	97,291,400	10,456	112,835,150	4,928	64,188,750
Cincinnati, Ohio	11,228	12,688,540	5,386	8,660,264	2,952	7,543,475	3,600	8,150,000	4,797	13,443,414	2,683	8,597,265	1,770	7,921,110
Cleveland, Ohio	7,860	16,994,677	8,790	18,180,078	6,160	22,543,365	12,790	26,991,050	14,451	32,660,305	14,022	33,098,255	11,952	30,483,750
Columbus, Ohio	2,694	4,668,277	2,656	4,675,303	3,888	5,508,408	2,636	6,885,065	2,836	4,928,425	3,141	7,193,240	2,117	3,914,730
Dayton, Ohio	993	2,339,390	1,214	3,552,120	1,189	3,288,350	870	2,977,990	1,234	3,534,620	1,390	5,589,727	1,651	3,946,736
Denver, Colo	2,410	6,084,260	2,254	5,332,675	2,034	2,797,148	3,721	3,750,460	3,085	2,648,575	2,677	4,028,840	2,359	4,252,000
Detroit, Mich	6,667	19,012,670	7,991	25,588,470	9,326	30,434,380	7,844	28,207,395	8,966	32,235,540	16,114	51,067,590	12,063	39,692,305
Fall River, Mass	496	2,706,575	572	1,240,255	557	1,507,855	590	1,493,235	704	1,824,696	(2)	(2)	(2)	(2)
Grand Rapids, Mich	1,312	2,520,296	1,433	2,456,516	1,726	4,169,000	1,982	3,618,119	1,909	2,684,037	1,713	3,479,239	1,316	1,907,017
Hartford, Conn	1,305	5,896,244	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
Indianapolis, Ind	4,941	8,349,477	4,781	9,150,407	5,400	9,361,973	5,693	7,933,381	6,177	7,083,642	6,775	8,899,404	5,085	7,103,038
Jersey City, N. J	2,012	5,506,342	1,336	5,911,880	1,344	5,413,607	1,171	3,826,174	1,306	5,351,630	1,047	5,005,243	962	3,596,718
Kansas City, Kans	639	867,702	455	795,775	692	1,252,860	737	1,110,988	748	962,749	612	778,430	492	1,656,965
Kansas City, Mo	3,736	12,818,103	3,953	12,127,079	3,719	10,578,162	3,253	10,204,970	3,517	10,667,405	3,517	11,557,643	3,263	10,138,450
Los Angeles, Cal	12,498	23,004,185	16,455	31,367,995	16,442	31,641,921	9,979	17,361,925	7,845	11,888,662	7,585	15,036,025	6,699	16,932,052
Louisville, Ky	2,447	5,625,527	2,379	6,562,777	2,402	3,617,540	2,306	4,397,310	2,432	4,055,390	2,351	4,030,435	1,258	1,607,280
Lowell, Mass	564	1,500,269	572	1,291,649	531	969,868	633	773,514	732	1,231,310	787	1,745,310	714	1,524,259

Memphis, Tenn	3,213	5,859,146	3,657	7,162,214	3,363	3,949,368	2,617	2,946,818	2,303	2,730,488	2,439	3,091,970	1,696	2,626,850
Milwaukee, Wis	4,360	12,299,375	4,361	15,257,162	4,015	13,647,624	3,865	9,882,085	3,882	11,561,325	4,369	14,762,851	3,133	11,149,492
Minneapolis, Minn	6,026	13,735,285	5,965	14,229,475	6,135	12,857,935	6,015	15,214,525	6,831	16,349,940	6,970	22,909,910	4,959	9,257,285
Nashville, Tenn	1,515	1,499,408	1,503	1,378,997	(2)	(2)	(2)	(2)	(2)	(2)	595	3,621,132	267	1,095,575
Newark, N. J	2,460	10,975,334	2,937	11,628,358	3,075	16,317,973	2,105	10,061,910	1,218	6,162,052	2,827	8,808,316	2,473	9,336,594
New Bedford, Mass	950	2,601,150	940	2,400,050	1,245	3,067,700	1,062	3,039,736	1,012	3,126,734	918	4,762,081	384	3,053,211
New Haven, Conn	1,196	5,868,519	1,330	4,762,341	1,100	4,790,151	1,136	4,380,842	1,524	7,104,947	1,465	5,020,446	1,230	5,644,869
New Orleans, La	[3] 2,282	[3] 3,155,150	1,794	3,309,620	1,857	4,088,261	1,635	2,948,751	1,334	2,950,357	1,013	3,117,614	810	2,747,678
New York, N. Y.[4]	6,496	135,703,715	8,283	163,519,362	9,443	107,104,707	8,764	74,030,241	7,714	103,023,800	8,133	152,482,704	6,773	52,864,429
Oakland, Cal	3,946	7,132,566	4,058	8,821,950	3,748	8,535,251	3,649	4,717,520	3,352	5,045,290	3,683	5,370,296	2,806	4,383,132
Omaha, Nebr	1,372	5,426,863	1,372	4,546,761	1,236	4,110,733	1,295	4,610,456	1,351	5,385,005	1,454	7,225,957	1,039	7,737,047
Philadelphia, Pa	16,215	40,030,985	11,192	36,392,405	7,700	35,125,810	12,774	34,694,340	13,884	35,010,640	8,800	49,896,370	6,495	34,055,480
Pittsburgh and Allegheny, Pa	4,392	11,963,257	3,890	11,530,531	2,943	15,470,955	3,522	18,194,182	3,916	14,227,020	4,180	13,556,965	3,531	11,464,207
Portland, Oreg	7,686	19,152,370	8,224	14,652,071	6,710	12,956,915	5,959	8,334,075	4,623	4,895,345	4,467	6,301,360	3,365	3,642,735
Providence, R. I	2,755	5,524,200	2,856	8,530,800	3,184	7,289,100	3,589	6,334,900	3,848	7,023,700	(2)	(2)	(2)	(2)
Reading, Pa	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	656	1,401,100	(2)	(2)
Richmond, Va	1,528	6,018,699	1,631	6,255,711	1,501	3,636,476	1,591	3,391,571	1,710	3,244,752	1,696	4,927,396	1,178	4,118,688
Rochester, N. Y	3,680	9,389,775	3,888	12,035,466	3,268	9,642,124	3,247	8,733,257	3,391	9,108,333	3,136	9,036,431	2,265	6,719,620
St. Joseph, Mo	648	995,473	850	1,119,797	713	895,079	740	625,574	469	942,770	637	892,142	443	827,541
St. Louis, Mo	8,152	18,607,556	8,760	20,675,804	8,302	15,340,012	9,418	12,885,398	9,052	11,439,320	4,119	12,753,386	3,152	10,448,614
St. Paul, Minn	2,033	6,909,240	3,491	8,051,417	3,564	9,456,450	3,741	14,718,696	2,688	9,237,458	2,245	11,128,627	2,054	7,217,140
San Francisco, Cal	6,079	20,915,474	6,316	23,338,563	5,606	21,037,264	5,907	28,177,563	6,461	13,990,704	6,491	18,837,153	5,507	15,586,337
Scranton, Pa	787	1,969,454	676	1,716,491	628	1,413,559	665	1,668,904	784	1,683,592	634	1,540,972	360	1,421,486
Seattle, Wash	10,959	7,491,156	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
Syracuse, N. Y	1,698	5,238,184	1,546	4,487,861	1,855	5,206,768	1,855	3,412,184	1,934	4,693,316	2,040	4,278,143	1,822	4,252,701
Toledo, Ohio	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	4,295	9,690,372	3,369	7,244,546
Washington, D. C	4,678	14,464,548	5,048	17,593,848	4,585	10,499,402	3,701	10,415,645	4,428	9,749,301	5,020	15,049,804	3,744	12,916,886
Worcester, Mass	1,545	4,716,163	1,698	6,689,900	1,576	4,780,495	1,587	5,731,469	1,794	4,526,382	1,801	6,633,349	1,632	4,332,855
Total	201,771	687,506,961	202,357	738,989,710	204,296	673,220,625	203,732	619,752,354	201,190	641,769,199	193,865	785,148,149	152,463	530,403,525

[1] Figures are from "Bradstreet's" and cover expenditures for building operations.
[2] Data lacking.
[3] Public buildings not included.
[4] Data for the boroughs of Manhattan and Bronx only.

No. 148.—MINERAL PRODUCTION: Quantities and Values of Specified Kinds, Calendar Years 1912 to 1916.

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

Product.	1912		1913		1914		1915		1916	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
METALLIC.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Pig iron { Ore [1] ..... long tons [2]	57,017,614	107,050,153	59,643,098	130,905,558	39,714,230	71,905,079	55,493,100	101,288,984	77,870,553	181,902,277
Pig iron { Pig [3] ..... do	30,180,969	420,563,388	30,888,935	458,342,345	22,263,263	298,777,429	30,384,486	401,409,604	39,126,324	663,478,118
Ferro-alloys [3] ..... do	328,685	12,223,776	296,207	13,015,362	255,524	9,350,245	388,644	17,450,385	589,738	50,281,692
Silver, commercial value [4] ..... troy ounces	63,766,800	39,197,500	66,801,500	40,348,100	72,455,100	40,067,700	74,961,075	37,397,300	74,414,802	48,953,000
Gold, coining value [5] ..... do	4,520,717	93,451,500	4,299,784	88,884,400	4,572,976	94,531,800	4,887,604	101,035,700	4,479,056	92,590,300
Copper, value at New York City [6] ... pounds	1,243,268,720	205,139,338	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
Lead, (refined) value at New York City [6], short tons [2]	392,517	35,326,530	411,878	36,245,264	512,794	39,998,000	507,026	47,660,000	552,228	76,207,000
Zinc, value at St. Louis [6] ..... do	323,907	44,699,166	337,252	37,772,224	343,418	35,029,000	458,135	113,617,000	563,451	151,005,000
Quicksilver, value at San Francisco .. flasks [7]	25,064	1,053,941	20,213	813,171	16,548	811,680	21,033	1,826,912	29,932	2,576,547
Aluminum [8] ..... pounds	65,607,000	11,907,000	72,379,000	13,845,000	79,129,000	14,522,700	99,806,000	16,280,000	.....	33,900,000
Antimony [9] ..... short tons [2]	1,949	332,889	2,508	429,363	2,705	566,490	5,364	2,373,760	(10)	(10)
Antimonial lead [11] ..... do	13,552	1,311,348	16,665	1,591,854	16,667	1,572,167	23,224	3,665,736	24,038	4,463,582
Bauxite ..... long tons [2]	159,865	768,932	210,241	997,698	219,318	1,069,194	297,041	1,514,834	425,190	2,296,400
Cadmium ..... pounds	52,508	(12)	54,198	(12)	91,409	81,205	91,415	108,443	135,212	205,433
Chromic iron ore ..... long tons [2]	201	2,753	255	2,854	591	8,715	3,281	36,744	47,035	726,243
Manganese ore ..... do	1,664	15,723	4,048	40,480	2,635	27,377	8,708	108,049	26,997	627,417
Manganiferous ore [12] ..... do	51,517	19,942	59,403	25,124	98,265	218,497	196,640	822,216	548,803	2,005,491
Titanium ore (rutile) ..... short tons [2]	275	27,500	305	49,000	94	11,280	250	27,500	110	16,500
Tungsten ore (60 per cent concentrates) . do	1,330	502,158	1,537	672,118	990	435,000	2,332	4,100,000	5,200	(14)
Nickel, value at New York City [15] .... pounds	.....	(12)	.....	79,393	845,334	313,000	1,644,000	538,222	1,836,000	671,192
Tin (metallic equivalent) ..... do	.....	124,800	.....	46,699	208,000	66,560	204,000	78,846	280,000	121,744
Platinum, and allied metals value at New York City ..... ounces troy	1,005	45,778	1,034	46,530	6,324	280,835	8,665	478,688	28,088	2,307,762
Uranium and vanadium minerals . short tons [2]	(12)	.....	.....	609,361	.....	941,360	.....	693,750	.....	(14)
Total value of metallic products	.....	866,381,073	.....	883,222,012	.....	691,081,734	.....	991,751,929	.....	1,621,832,177

NONMETALLIC.											
Bituminous coal [16] ..... short tons [2]	450,104,982	517,983,445	478,435,297	565,234,952	422,703,970	403,309,244	442,624,426	502,037,688	592,519,682	665,116,077
Pennsylvania anthracite ..... long tons [2]	75,322,855	177,622,626	81,718,680	195,181,127	81,090,631	188,181,399	79,459,876	184,653,498	78,195,083	202,009,561
Stone	.....	78,193,220	.....	83,732,995	.....	77,544,103	.....	74,595,352	.....	79,041,699
Petroleum ..... barrels [17]	222,935,044	164,213,247	248,446,230	237,121,288	265,762,535	214,125,215	281,104,104	179,462,890	300,767,158	330,899,868
Natural gas	.....	84,563,957	.....	87,846,677	.....	94,115,524	.....	101,312,381	.....	120,227,468
Natural-gas gasoline ..... gallons	.....	.....	.....	.....	.....	.....	65,364,665	5,150,823	103,492,689	14,331,148
Peat	.....	228,572	.....	197,200	.....	309,692	.....	288,537	.....	369,104
Clay: Products	.....	172,811,275	.....	181,289,132	.....	164,986,983	.....	163,120,232	.....	207,260,031
Clay: Raw [1] ..... short tons [2]	2,530,265	3,946,020	2,647,989	4,180,459	2,209,860	3,756,568	2,362,954	3,971,941	2,932,590	5,751,774
Cement ..... barrels [18]	85,925,651	69,554,385	89,541,348	89,550,527	87,257,552	80,533,203	87,685,222	75,155,102	95,394,433	104,689,090
Coke [1] ..... short tons [2]	43,983,599	111,805,113	46,299,530	12,892,273	34,555,914	88,334,217	41,581,150	105,503,868	54,533,585	170,841,197
Lime ..... do. [2]	3,529,462	13,970,114	3,595,390	14,648,362	3,380,928	13,268,933	3,622,810	14,424,036	4,083,803	18,618,816
Sand-lime brick	.....	1,200,223	.....	1,238,325	.....	1,058,512	.....	1,135,104	.....	1,474,073
Slate	.....	6,043,318	.....	6,175,476	.....	5,706,787	.....	4,958,915	.....	5,338,837
Mineral waters ..... gallons sold	62,281,201	6,615,671	57,867,399	5,631,391	54,358,466	4,892,328	52,113,503	5,138,794	55,928,461	5,735,035
Phosphate rock ..... long tons [2]	2,973,332	11,675,774	3,111,221	11,796,231	2,734,043	9,608,041	1,835,667	5,413,449	1,932,385	5,896,993
Potash (K_2O) ..... short tons [2]	.....	.....	.....	.....	.....	.....	.....	342,000	9,720	4,242,730
Salt ..... barrels [19]	33,324,808	9,402,772	34,399,298	10,123,139	34,804,683	10,197,417	38,231,493	11,747,686	45,449,329	13,645,947
Gypsum ..... short tons [2]	2,500,757	6,563,908	2,599,508	6,774,822	2,476,465	6,895,989	2,447,611	6,596,893	2,757,730	7,959,032
Borax (crude) ..... do	42,315	1,127,813	58,051	1,491,530	62,400	1,464,400	67,003	1,677,099	103,525	2,409,459
Arsenious oxide ..... short tons	3,141	190,757	2,513	159,236	4,670	313,147	5,498	302,116	5,986	555,186

[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. Value at St. Louis except in 1915 (sales value).

[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] Figures not yet available. Estimate of value included in total.

[15] By-products in electrolytic copper refining.

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

[17] Of 42 gallons.

[18] Of 380 pounds net.

[19] Of 280 pounds net.

No. 148.—MINERAL PRODUCTION: QUANTITIES AND VALUES OF SPECIFIED KINDS, CALENDAR YEARS 1912 TO 1916—Continued.

Product.	1912		1913		1914		1915		1916	
	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]	74,657	561,693	70,595	512,410	66,766	633,390	57,442	551,598	(3)	(3)
Mineral paints: Zinc-lead pigments ..... do	106,497	9,507,895	97,573	9,020,896	106,791	9,978,710	141,383	14,962,461	135,606	23,515,803
Grindstones and pulp stones	.....	916,339	.....	855,627	.....	689,344	.....	648,479	.....	766,140
Asphalt ..... short tons[2]	449,510	4,620,731	529,190	5,282,370	440,571	3,659,092	740,254	5,242,073	786,811	7,102,132
Talc and soapstone[4] ..... do	92,403	1,050,693	94,128	1,119,597	86,221	1,043,801	98,677	1,026,739	119,725	1,292,293
Fibrous talc ..... do	66,867	656,270	81,705	788,500	86,075	821,286	88,214	864,843	93,236	961,510
Gems and precious stones	.....	319,722	.....	319,454	.....	124,651	.....	170,431	.....	217,793
Pyrite ..... long tons[2]	350,928	1,334,259	341,338	1,286,084	336,662	1,283,346	394,124	1,674,933	423,556	1,965,702
Emery ..... short tons[2]	992	6,652	957	4,785	485	2,425	3,063	31,131	15,282	123,901
Oilstones, etc	.....	232,218	.....	207,352	.....	167,948	.....	115,175	.....	154,573
Garnet (abrasive) ..... short tons[2]	4,182	163,237	5,308	183,422	4,231	145,510	4,301	139,584	6,171	208,850
Mica: sheet ..... pounds	845,483	282,823	1,700,677	353,517	556,933	278,540	553,821	378,259	865,863	524,485
Mica: scrap ..... short tons[2]	3,226	49,073	5,322	82,543	3,730	51,416	3,959	50,510	4,433	69,906
Barytes (crude) ..... short tons[2]	37,478	153,313	45,298	156,275	52,747	155,647	108,547	381,032	221,952	1,011,232
Bromine ..... pounds	647,200	145,805	572,400	115,436	576,991	203,094	855,857	856,307	688,260	922,225
Calcium chloride ..... short tons[2]	18,550	117,272	19,611	130,030	19,403	121,766	20,535	130,830	26,062	216,729
Fluorspar ..... do	116,545	769,163	115,580	736,286	95,116	570,041	136,941	764,475	155,735	922,654
Feldspar ..... do	86,572	520,562	120,955	776,551	135,419	629,873	105,118	489,223	132,681	702,278
Silica (quartz) ..... short tons[2]	97,874	191,685	97,902	201,488	153,401	360,502	112,575	273,553	88,514	242,786
Thorium minerals (monazite) and zircon, pounds	.....	.....	.....	.....	.....	.....	36,000	3,600	37,872	3,400
Graphite: crystalline ..... pounds	3,543,771	187,689	5,064,727	254,328	5,220,539	285,368	7,074,370	417,273	10,931,989	914,748
Graphite: amorphous ..... short tons[2]	2,063	32,894	2,243	39,428	1,725	38,750	1,181	12,358	2,622	20,793
Sulphur ..... long tons[2]	303,472	5,256,422	311,590	5,479,849	327,634	5,954,236	.....	(5)	(5)	(5)
Sulphuric acid (60° Baumé) from copper and zinc smelters ..... short tons[2]	614,073	4,240,941	632,237	4,346,272	760,638	5,190,293	[6] 904,653	7,621,241	1,069,589	14,099,927
Fuller's earth ..... do	32,715	305,522	38,594	369,750	40,981	403,646	47,901	489,219	67,822	706,957

Diatomaceous infusorial earth and tripoli, short tons[2]		125,446		285,821		252,327		[7]167,474		241,553
Pumice ... short tons[2]	27,146	86,687	24,563	55,408	27,591	59,172	27,708	63,185	33,320	82,263
Millstones		71,414		56,163		43,316		53,480		44,559
Magnesite (crude) ... short tons[2]	10,512	84,096	9,632	77,056	11,293	124,223	30,499	274,491	154,974	1,393,693
Asbestos ... do	4,403	87,959	1,100	11,000	1,247	18,965	1,731	76,952	1,479	448,214
Sand: Glass ... do	1,465,386	1,430,471	1,791,800	1,895,991	1,619,649	1,568,030	1,884,044	1,606,640	2,018,317	1,957,797
Sand: Molding, building, etc., and gravel, short tons[2]	66,889,175	21,682,737	77,764,049	22,321,517	77,662,086	22,278,969	74,719,259	21,514,977	87,073,415	27,852,198
Total value of nonmetallic mineral products		1,377,152,760		1,555,517,716		1,423,648,599		1,398,565,121		1,878,507,232
Total value of metallic products		866,381,073		883,222,012		691,081,734		991,751,929		1,621,832,177
Estimated value of mineral products unspecified		500,000		420,000		470,000		[8]7,018,000		[9]15,000,000
Grand total		2,244,033,833		2,439,159,728		2,115,200,333		2,397,335,050		3,315,339,409

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

[8] 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.

[9] 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. 149.—GOLD AND SILVER PRODUCTION FROM MINES IN THE UNITED STATES: 1792 TO 1910.[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	2,660,625	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	51,208,400	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	39,634,000	39,482,400
1887	1,603,049	33,136,000	41,721,600	40,887,200
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	36,415,500
1896	2,568,132	53,088,000	58,834,800	39,651,600
1897	2,774,935	57,363,000	53,860,000	32,316,000
1898	3,118,398	64,463,000	54,438,000	32,148,400
1899	3,437,210	71,053,400	51,764,500	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	55,590,000	29,415,000
1903	3,560,800	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	94,373,800	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

[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. 150.—ESTIMATED VALUE OF THE PRODUCT OF GOLD AND SILVER, CALENDAR YEARS 1911 TO 1917: BY STATES.

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

GOLD.

State.	1911	1912	1913	1914	1915	1916	1917[1]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alaska	16,665,200	17,198,600	14,782,512	16,547,200	16,710,000	16,124,800	15,171,300
Arizona	3,521,400	3,785,400	3,803,039	4,568,900	4,555,900	4,092,800	5,533,800
California	19,928,500	20,008,000	20,108,447	21,251,900	22,547,400	21,980,400	20,815,900
Colorado	19,138,800	18,741,200	18,420,031	19,902,400	22,530,800	19,185,000	15,955,100
Georgia	32,000	10,900	9,881	16,800	34,800	20,400	6,000
Idaho	1,357,900	1,401,700	1,366,605	1,187,200	1,170,600	1,058,300	711,500
Montana	3,649,700	3,707,900	3,078,202	4,143,600	4,978,300	4,328,400	3,756,500
Nevada	18,096,900	13,575,700	12,279,131	11,536,200	11,883,700	9,064,700	6,922,900
New Mexico	761,700	754,600	844,086	1,219,100	1,460,100	1,350,000	1,025,100
North Carolina	71,900	156,000	111,442	130,300	170,700	23,000	15,700
Oregon	634,200	759,700	1,370,987	1,589,400	1,867,100	1,901,500	1,677,400
South Carolina	20,100	15,400	1,985	3,200	3,600	300	1,100
South Dakota	7,429,500	7,823,700	7,197,498	7,354,000	7,403,500	7,471,700	7,392,600
Texas	3,900	2,200	120	8,800	1,800	500	900
Utah	4,486,200	4,312,600	3,400,103	3,377,000	3,907,900	3,859,000	3,620,300
Washington	840,000	682,600	692,021	587,800	461,600	580,600	434,900
Wyoming	.....	24,300	30,491	6,700	13,900	20,200	200
Philippine Islands	.....	461,600	787,039	1,099,300	1,320,900	1,514,200	1,404,000
Other	252,100	29,400	20,403	22,000	13,100	14,500	11,400
Total value	96,890,000	93,451,500	88,301,023	94,531,800	101,035,700	92,590,300	84,456,600
Total fine ounces (troy)	4,687,053	4,520,719	4,271,562	4,572,976	4,887,604	4,479,057	4,085,589

SILVER (COMMERCIAL VALUE).

Alaska	252,900	331,800	229,453	478,800	526,100	833,000	1,112,600
Arizona	1,743,600	2,118,000	2,049,766	2,455,000	2,826,500	4,394,600	6,738,800
California	686,300	851,200	923,087	1,117,500	843,100	1,274,200	1,638,600
Colorado	3,958,800	4,876,500	5,536,837	4,808,800	3,591,900	4,967,900	6,722,600
Idaho	4,419,800	4,833,400	5,787,077	6,953,300	6,506,800	7,611,500	9,620,900
Michigan	274,100	334,100	259,339	229,800	290,300	499,300	565,500
Montana	6,568,500	7,698,500	7,880,166	6,932,800	7,195,600	9,240,100	11,291,000
Nevada	7,120,400	8,514,400	9,133,229	8,780,100	7,210,500	9,000,600	9,421,600
New Mexico	724,300	898,000	921,943	979,500	1,165,900	1,138,000	1,081,800
North Carolina	500	1,400	1,371	800	700	1,100	2,300
Oregon	24,200	32,200	95,870	81,500	62,600	146,000	177,600
South Dakota	108,200	126,500	101,696	99,400	98,600	138,200	157,400
Texas	239,900	233,500	259,022	317,800	361,500	437,000	480,300
Utah	6,280,500	8,038,300	7,416,664	6,482,300	6,522,200	8,911,000	11,788,500
Washington	124,400	215,600	159,038	188,700	106,700	193,700	211,600
Wyoming	.....	200	2,254	100	1,400	2,200	4,600
Philippine Islands	.....	3,600	6,029	81,500	7,600	11,600	13,700
Other	89,300	89,300	97,695	62,600	79,300	153,000	110,800
Total commercial value	32,615,700	39,197,400	40,864,871	40,067,700	37,397,300	48,953,600	61,139,600
Total fine ounces (troy)	60,399,400	63,766,800	67,661,111	72,455,100	74,961,075	74,414,802	74,244,500

[1] Preliminary figures.

No. 151.—ANTHRACITE AND BITUMINOUS COAL PRODUCTION: Quantities, Census Year Ended May 31, 1880, and in Calendar Years 1890, 1900, and 1908 to 1916, by States.

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

State.	1880	1890	1900	1908	1909	1910	1911[c]	1912	1913	1914	1915	1916
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	37,195	69,375	80,960	88,001	75,514	62,287	(2)	(2)	(2)
Pennsylvania	25,580,189	41,489,858	51,221,353	74,347,102	72,384,249	75,433,246	80,771,488	75,322,855	81,718,680	81,090,631	79,459,876	78,195,083
Total anthracite	25,580,189	41,489,858	51,309,214	74,384,297	72,453,624	75,514,296	80,859,489	75,398,369	81,780,967	81,090,631	79,459,876	78,195,083
BITUMINOUS.												
Alabama	289,261	3,652,151	7,494,888	10,361,244	12,235,223	14,385,234	13,411,983	14,375,536	15,784,395	13,922,698	13,328,515	16,148,390
Arkansas	13,195	357,043	1,292,808	1,855,676	2,122,462	1,701,748	1,881,062	1,875,731	1,994,738	1,639,768	1,475,095	1,781,174
California	211,562	98,849	[3]154,382	[3]19,520	[3]43,425	10,861	[3]10,399	[3]10,119	[3]24,028	[3]12,477	[3]12,413	[3]18,135
Colorado	413,167	2,747,324	4,626,943	8,590,315	9,518,960	10,646,775	9,011,602	9,755,053	8,211,691	7,295,142	7,700,875	9,360,926
Georgia	138,075	203,872	281,747	236,448	188,567	158,254	147,509	203,127	228,237	148,659	120,086	154,959
Idaho	.....	.....	9	4,847	4,065	3,971	[4]1,626	[4]2,646	[4]1,944	(5)	(5)	
Illinois	5,460,158	13,653,947	23,007,126	42,553,295	45,450,884	40,982,362	47,927,784	53,468,952	55,016,736	51,418,926	52,526,407	[5]59,102,979
Indiana	1,298,506	2,951,551	5,789,363	10,995,438	13,244,874	16,419,478	12,679,781	13,647,962	15,326,492	14,858,154	15,184,064	17,940,650
Indian Territory	107,988	776,097	1,716,337	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1,304,568	3,590,839	4,645,481	6,394,027	6,926,573	7,078,679	6,546,114	6,508,508	6,719,586	6,652,698	6,798,342	6,482,857
Kansas	688,788	2,017,788	3,989,170	5,576,246	6,237,927	4,394,153	5,516,721	6,237,663	6,430,545	6,125,882	6,093,280	6,144,156
Kentucky	844,900	2,412,050	4,758,005	9,148,708	9,551,236	13,056,535	12,544,377	14,723,679	17,514,821	18,198,896	19,072,923	22,673,212
Maryland	1,990,104	2,998,047	3,593,471	[6]3,908,163	3,592,179	4,658,147	4,183,746	4,432,177	4,267,713	3,690,667	3,732,569	3,982,184
Michigan	90,000	66,944	758,460	1,638,410	1,593,475	1,370,506	1,317,923	1,076,991	1,099,809	1,145,562	1,032,266	1,053,893
Missouri	753,843	2,442,162	3,160,806	2,961,888	3,354,045	2,662,887	3,425,096	3,874,871	3,855,469	3,514,268	3,403,208	4,234,059
Montana	200	462,033	1,483,728	1,714,455	2,280,304	2,608,009	2,657,463	2,721,871	2,893,726	2,504,619	2,490,853	3,243,328
Nebraska	179	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico	.....	335,515	1,127,752	2,178,660	2,481,365	3,095,530	2,780,345	3,128,940	3,280,769	3,462,222	3,408,875	3,386,617
North Carolina	313	9,164	[7]15,834	.....	.....	.....	107	179	.....	.....	.....	.....
North Dakota	.....	26,786	115,967	286,377	376,828	356,287	448,775	445,964	442,250	452,397	471,498	566,886
Ohio	5,364,817	10,262,952	16,953,705	23,455,928	24,946,108	30,544,346	27,464,273	30,829,221	32,321,899	16,824,210	20,030,974	31,007,338
Oklahoma	.....	.....	.....	2,632,246	2,785,158	2,362,702	2,744,859	3,281,623	3,719,437	3,561,262	3,297,839	3,221,433
Oregon	38,576	54,923	52,557	77,017	77,925	60,297	41,662	37,716	41,128	46,034	35,028	38,029

Pennsylvania	16,451,038	37,769,797	71,287,791	104,624,578	123,184,635	134,394,220	129,072,551	144,522,757	155,161,801	132,127,941	141,031,372	152,049,486
South Dakota	.....	.....	.....	.....	.....	.....	.....	.....	9,411	10,580	9,458	7,934
Tennessee	442,081	1,937,130	3,133,537	5,534,974	5,677,362	6,358,375	5,743,889	5,779,668	6,125,165	5,306,480	5,116,394	5,479,865
Texas	.....	164,679	864,619	1,692,301	1,628,964	1,689,443	1,763,029	1,954,118	2,168,878	2,074,797	1,865,097	1,774,556
Utah	13,168	284,071	1,024,131	1,648,921	2,024,017	2,248,044	[5] 2,243,906	2,692,990	2,906,096	2,770,568	2,775,638	3,185,204
Virginia	38,463	700,010	2,137,280	3,802,716	4,243,051	5,810,712	6,129,167	7,005,927	7,882,203	7,106,728	7,252,318	8,667,388
Washington	129,478	1,128,294	2,209,012	2,700,842	3,216,306	3,492,767	3,190,013	3,000,832	3,462,403	2,736,446	2,168,835	2,713,025
West Virginia	1,633,789	6,602,370	20,220,721	37,408,788	46,293,946	55,063,410	53,421,054	59,630,971	63,619,764	64,024,666	68,914,347	77,196,542
Wyoming	526,424	1,669,964	3,584,466	4,901,698	5,708,133	6,725,971	6,022,200	6,578,682	6,600,952	5,781,512	5,851,811	7,063,078
RECAPITULATION.[8]												
Middle States	25,439,748	57,633,166	112,055,688	169,397,457	198,016,868	224,660,123	214,141,624	239,415,126	255,371,177	216,667,484	233,709,262	264,235,550
Western States	10,535,833	29,629,338	51,161,510	87,442,973	94,692,003	93,245,107	95,553,459	52,328,528	106,606,667	55,421,510	54,937,142	115,212,417
Southern States	1,874,276	10,547,711	22,822,807	85,612,249	40,913,388	58,618,533	47,146,327	104,316,517	58,698,643	99,759,740	101,562,062	63,287,599
Pacific States	392,784	1,566,858	3,440,091	4,451,147	5,365,738	5,815,940	5,487,606	5,743,763	6,435,599	5,565,525	4,991,914	5,942,722
Total bituminous	38,242,641	99,377,073	189,480,097	296,903,826	338,987,997	372,339,703	362,329,016	401,803,934	427,112,086	377,414,259	395,200,380	448,678,288
Total anthracite and bituminous[9]	63,822,830	140,866,931	240,789,310	371,288,123	411,441,621	447,853,909	443,188,505	477,202,304	508,893,053	458,504,890	474,660,256	526,873,371
AMOUNTS MARKETED.[10]												
Pennsylvania anthracite — tons	.....	38,403,552	46,355,595	66,655,548	64,663,564	67,539,106	72,492,000	67,343,159	73,136,986	72,383,578	70,534,390	67,501,363
Pennsylvania anthracite — value, dolls.	.....	66,383,772	85,757,851	158,178,849	149,181,587	160,275,302	175,189,392	177,622,626	195,181,127	188,181,399	184,653,498	155,253,135
Bituminous — tons	.....	97,957,790	186,227,513	289,275,096	330,585,909	363,788,858	353,245,459	391,869,724	416,753,923	368,088,853	386,451,558	439,472,516
Bituminous — value, dolls.	.....	110,420,801	218,930,313	374,135,268	405,486,777	469,281,719	451,375,819	517,983,445	565,234,952	493,309,244	502,037,688	665,116,077
Total — tons	.....	136,361,342	232,583,108	355,930,644	395,249,473	431,327,964	425,737,459	459,212,883	489,890,909	440,472,431	456,985,948	506,973,879
Total — value, dolls.	.....	176,804,573	306,688,164	532,314,117	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] 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 1916 Alaska produced 13,073 long tons of coal.
[4] Includes Nevada.
[5] Included under California.
[6] Includes Massachusetts.
[7] Includes small amount of Triassic in Virginia.
[8] 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.
[9] Amounts marketed only for the year 1880; afterwards the entire product of the mines.
[10] Quantities represent amounts shipped to market; values are based on those of entire product.

No. 152.—PIG-IRON PRODUCTION,[1] CALENDAR YEARS 1900 AND 1907 TO 1917, AND THE NUMBER OF FURNACES, 1903 AND 1917: 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, 1906.	Pig-iron production.[2]												Furnaces.		
		1900	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	In blast. June 30, 1917.	In blast. Dec. 31, 1917.	Total Dec. 31, 1917.
		Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*			
Alabama	47	1,184,337	1,686,674	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	34	34	47
California[3]																1
Colorado[3]	5	159,204	468,486	313,071	382,766	428,612	395,968	397,731	324,263	267,777	271,921	437,633	453,742	4	3	6
Connecticut[4]	3	10,233	19,119	13,794	18,388	16,582	9,649	17,366	12,810	6,594	7,802	5,719	10,527	2	2	3
Georgia[5]	4	28,984	55,825	24,345	26,072	14,725	1,200								1	4
Indiana[6]														12	13	14
Illinois	22	1,363,383	2,457,768	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	22	18	25
Kentucky[7]	9	71,562	127,946	45,096	86,371	100,509	95,202	68,760	315,731	236,393	291,040	554,590	561,951	4	4	7
Maryland	5	290,073	411,833	183,502	286,856	326,214	255,816	219,546	289,959	195,594	251,548	501,452	422,212	4	2	5
Massachusetts[4]	2	3,310												1	1	2
Michigan[6]	12	163,712	436,507	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	12	12	14
Minnesota[8]	1													3	3	3
Mississippi[7]																1
Missouri[3]	1													2	2	2
New Jersey[9]	11	170,262	373,189	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	4	5	5
New York[9]	25	292,827	1,659,752	1,019,495	1,733,675	1,938,407	1,562,756	1,939,231						21	21	25
North Carolina[5]	1															
Ohio	64	2,470,911	5,250,687	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	72	64	79
Oregon[3]	1															1
Pennsylvania	155	6,365,935	11,348,549	6,967,191	10,918,824	11,272,323	9,867,073	12,552,131	12,954,936	9,733,369	12,790,668	16,506,284	15,539,728	136	122	163
Tennessee	21	362,190	393,106	90,826	333,845	397,569	324,648	338,238	280,541	216,738	177,729	355,374	369,951	12	10	16
Texas[5]	4	10,150														2

Virginia	25	490,617	478,771	320,458	391,134	444,976	293,642	256,167	341,815	271,228	251,346	399,885	520,311	12	15	19
Washington[8]																1
West Virginia[7]	4	166,758	291,066	65,551	228,282	174,661	291,472	274,360						4	3	4
Wisconsin[6]	6	184,794	322,083	148,938	348,177	307,200	276,807	303,370	367,326	329,526	372,966	811,325	738,541	6	5	8
Total	429	13,789,242	25,781,361	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	367	340	457
Geographic divisions.[10]																
New England and Middle States	205	7,299,398	14,103,508	8,494,905	13,430,499	13,992,968	11,967,429	15,039,510	15,679,841	11,633,436	15,154,798	19,365,990	18,389,994	172	156	207
Southern States	111	2,147,340	2,742,322	2,077,739	2,601,039	2,596,926	2,426,903	2,525,846	2,761,482	2,413,273	2,769,568	4,072,734	4,405,918	62	64	96
Western States	112	4,342,004	8,935,531	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	15,851,435	133	120	151
Pacific States	1															3
December 31—																
Furnaces in blast	340	232	167	236	338	206	231	313	205	164	310					340
Furnaces out of blast	89	174	276	223	331	267	234	153	257	287	135					117

[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. 153.—PIG-IRON PRODUCTION: QUANTITIES[1] AND KINDS, CALENDAR YEARS 1911 TO 1917, 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.	1911	1912	1913	1914	1915	1916	1917
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
New York, New Jersey, and Pennsylvania	229,575	247,179	300,041	91,464	84,753	217,738	381,048

CHARCOAL PIG IRON.

State.	1911	1912	1913	1914	1915	1916	1917
Massachusetts, Connecticut, New York, and New Jersey	9,649	17,366	12,810	6,606	7,802	5,719	10,527
Pennsylvania	3,513	3,832	4,679	3,226	3,578	2,568	2,436
Maryland, and Virginia	3,325	3,189	3,240	3,719	404	.....	.....
Tennessee, Texas, Kentucky, Georgia, and Mississippi	5,334	2,866	2,338	3,394	866	2,969	2,783
Alabama	32,557	34,033	32,450	20,158	26,954	39,202	39,964
Ohio[2]	1,902	1,925	2,001	.....	.....	.....	.....
Michigan	160,884	231,169	224,079	194,699	217,802	260,623	258,251
Wisconsin, Missouri, Washington, and California	61,512	52,645	58,384	32,122	38,746	61,330	62,564
Total	[3]278,676	[3]347,025	[3]339,981	263,924	296,152	372,411	[3]376,525

BITUMINOUS COAL AND COKE PIG IRON.

State.	1911	1912	1913	1914	1915	1916	1917
New York	1,562,756	1,939,231	2,187,620	1,559,852	2,104,780	2,352,535	2,412,155
New Jersey[4]	40,663	36,876	.....	.....	.....	.....	.....
Pennsylvania	9,573,985	12,301,120	12,650,216	9,638,679	12,702,337	16,285,928	15,161,616
Maryland	255,186	218,603	289,959	195,344	251,144	501,452	412,112
West Virginia	291,472	274,360	315,728	236,251	291,040	554,590	555,437
Kentucky[5]	93,574	68,580	.....	.....	.....	.....	.....
Tennessee	320,942	335,552	278,206	214,664	177,729	353,072	367,168
Virginia, North Carolina, Georgia, and Texas	292,147	253,921	338,575	267,759	251,346	399,885	526,825
Alabama	1,679,654	1,828,648	2,025,461	1,806,771	2,022,499	2,723,683	2,913,841
Ohio	5,308,604	6,800,568	7,127,524	5,282,248	6,912,096	8,602,228	8,518,603
Illinois	2,108,002	2,887,359	2,927,832	1,847,451	2,447,220	3,022,512	3,483,056
Indiana, Wisconsin, and Michigan	1,166,237	1,765,941	1,807,660	1,619,554	2,033,230	2,353,188	2,738,406
Minnesota, Missouri, Colorado, Washington, and California	448,074	421,974	377,349	308,283	341,887	795,525	790,565
Total	[6]23,141,296	[6]29,132,733	[6]30,326,130	22,976,856	29,535,308	38,844,598	[6]37,889,824

[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. 154.—CRUDE-STEEL PRODUCTION: QUANTITIES AND KINDS, 1884 TO 1916.

[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.*
1884	1,375,531	117,515	53,270	4,563	1,550,879
1885	1,519,430	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	5,475,315	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	88,391	9,190	13,859,887
1905	10,941,375	8,971,376	102,233	8,963	20,023,947
1906	12,275,830	10,980,413	127,513	14,380	23,398,136
1907	11,667,549	11,549,736	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	97,653	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

No. 155.—IRON-ORE PRODUCTION (MARKETED): QUANTITIES, BY STATES, CALENDAR YEARS 1911 TO 1916.

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

State.	1911	1912	1913	1914	1915	1916
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Alabama	3,955,582	4,776,545	5,333,218	4,514,926	5,134,955	6,798,266
Arkansas and Texas	.....	(1)	(1)	(1)	.....	.....
California, Colorado, Montana, Nevada, New Mexico, Washington, and Wyoming	(1)	(1)	(1)	[2] 12,746	[3] 646	[3] 2,584
Connecticut and Massachusetts	(1)	(1)	(1)	(1)	(1)	(1)
Georgia	207,279	135,337	153,336	66,222	101,719	186,083
Kentucky, Maryland, and West Virginia	(1)	(1)	(1)	(1)	[4] 1,500	[4] 2,750
Michigan	8,945,103	12,797,468	12,668,560	8,533,280	13,664,437	28,218,627
Minnesota	23,398,406	34,249,813	36,603,331	23,298,547	32,545,236	57,742,643
Missouri	72,810	42,120	37,134	36,304	40,290	99,853
Montana	(1)	(1)	2,475	(1)	.....	.....
New Jersey	359,721	366,823	291,653	346,820	391,115	1,140,400
New Mexico	(1)	(1)	164,085	(1)	34,806	54,197
New York	1,057,984	1,167,405	1,420,889	640,252	931,745	2,797,270
North Carolina	(5)	(1)	(1)	(1)	(1)	(1)
Ohio	16,697	20,861	8,299	(1)	3,502	8,535
Pennsylvania	514,929	522,172	478,693	400,062	367,056	333,697
Tennessee	469,728	416,885	364,092	330,214	283,841	408,204
Utah	34,528	7,280	14,690	(1)	(1)	(1)
Virginia	610,871	412,520	492,649	346,382	334,424	696,920
Wisconsin	559,763	1,152,250	896,243	591,595	1,125,269	2,188,012
All other	889,046	950,135	713,751	596,930	532,559	610,943
Total	41,092,447	57,017,614	59,643,098	39,714,280	55,493,100	101,288,984

[1] Included in "All other."
[2] California and Colorado only.
[3] California only.
[4] Maryland only.
[5] Included under Kentucky, etc.

No. 156.—IRON AND STEEL MANUFACTURES: QUANTITIES AND KINDS, CALENDAR YEARS 1912 TO 1916.

[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.	1912	1913	1914	1915	1916
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Pig iron	29,726,937	30,966,152	23,332,244	29,916,213	39,434,797
Spiegeleisen and ferromanganese (included with pig iron)	221,724	229,833	186,018	247,406	415,534
Finished iron and steel:					
Rails—					
Bessemer steel	1,099,926	817,591	322,897	326,952	440,092
Open-hearth steel	2,105,144	2,527,710	1,525,851	1,775,168	2,269,600
Iron	[1] 122,845	[1] 157,479	[1] 95,347	[1] 102,083	[1] 144,826
Total rails	3,327,915	3,502,780	1,945,095	2,204,203	2,854,518
Structural shapes	2,846,487	3,004,972	2,031,124	2,437,003	3,029,964
Wire rods	2,658,553	2,464,807	2,431,714	3,095,907	3,518,746
Plate and sheet, except nail plate and skelp	5,875,080	5,751,037	4,719,246	6,077,694	7,453,980
Nail and spike plate	45,331	37,503	38,573	31,929	30,088
Bar, bolt, hoop, skelp, rolled axles, rolled armor plate, etc	9,908,475	10,030,144	7,204,444	10,546,188	15,493,093
Total finished rolled	24,656,841	24,791,243	18,370,196	24,392,924	32,380,349
Nails:					
Cut nails and cut spikes	[2] 978,415	[2] 842,038	769,665	775,327	764,835
Wire nails	[2] 14,659,700	[2] 13,559,727	13,132,814	14,583,026	17,147,665
Steel ingots and castings:					
Bessemer	10,327,901	9,545,706	6,220,846	8,287,213	11,059,039
Open-hearth	20,780,723	21,599,931	17,174,684	23,679,102	31,415,427
Crucible	121,517	121,226	89,869	113,782	129,692
All other, including electric	21,162	34,011	27,631	70,939	169,522
Total crude steel	31,251,303	31,300,874	23,513,030	32,151,036	42,773,680
Ore, pig, and scrap blooms for sale	250	80	5,026	902	5,405
Tin plates and terneplates	962,971	823,719	931,241	1,055,936	1,235,000

[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.

No. 157.—TIN-PLATE MANUFACTURES: QUANTITIES, 1898 TO 1916.

[Sources: 1898 to 1911, annual report of the American Iron and Steel Association, excepting 1900 and 1904, figures for which are from census reports; 1912 to 1916 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.*
1898			732,289,600
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	163,470,646	2,365,295,700
1916	2,552,224,275	214,176,952	2,766,401,227

[1] Census year ended May 31.

[2] Census year ended Dec. 31.

No. 158.—EXPLOSIVES: Amounts (Excluding Exports) Manufactured and Used by States, Calendar Years 1915 and 1916.

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

State.	1915			1916		
	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	188,607	4,271,724	2,730,164	194,554	5,412,151	3,547,481
Alaska	3,385	4,683,785	.....	52,156	5,761,280	69,200
Arizona	7,339	8,845,785	46,275	24,194	13,002,555	20,000
Arkansas	77,834	1,206,345	33,900	108,928	1,537,717	116,800
California	78,942	13,377,140	13,850	79,067	13,942,055	10,650
Colorado	74,831	8,324,900	701,925	78,572	8,826,030	788,344
Connecticut	920	726,878	1,669	1,915	756,000	1,000
Delaware	46	58,350	.....	257	41,120	100
District of Columbia	10	18,100	.....	.....	50,500	.....
Florida	1,854	1,434,122	2,230	2,190	1,548,975	6,000
Georgia	15,383	775,025	4,635	40,655	1,008,825	3,460
Idaho	5,639	4,783,235	.....	4,980	5,133,090	.....
Illinois	1,151,309	6,981,538	1,584,775	1,324,802	5,984,889	1,906,280
Indiana	487,052	2,717,123	153,100	579,080	2,234,801	177,350
Iowa	381,116	1,817,306	1,650	322,004	1,840,906	4,950
Kansas	484,989	2,843,152	16,712	511,431	3,334,298	19,425
Kentucky	242,056	1,430,739	663,115	299,072	1,680,448	861,815
Louisiana	588	1,146,825	61,650	171	1,143,442	21,700
Maine	1,957	774,608	200	3,033	501,500	.....
Maryland	24,587	1,276,203	37,500	30,813	1,383,899	18,650
Massachusetts	6,567	932,893	.....	4,734	578,645	2,000
Michigan	20,793	26,984,039	24,324	23,856	29,691,122	143,058
Minnesota	125,713	9,785,271	10,000	146,211	10,220,182	.....
Mississippi	2,208	494,066	400	2,345	394,166	80
Missouri	146,142	20,000,044	33,390	182,255	24,875,757	44,039
Montana	73,746	7,461,360	26,300	100,975	9,162,385	39,200
Nebraska	3,297	228,665	.....	4,130	227,480	1,341
Nevada	1,848	7,008,266	16,150	7,728	7,378,443	182,500
New Hampshire	810	155,100	.....	801	103,750	2,500
New Jersey	3,824	2,597,123	300	2,525	2,448,034	2,175
New Mexico	36,458	2,299,450	513,100	33,423	3,061,951	615,925
New York	30,313	9,952,161	362,300	22,341	8,276,568	1,041,155
North Carolina	20,882	1,804,987	500	20,812	2,070,258	200
North Dakota	12,070	343,639	25	19,818	316,850	50
Ohio	312,155	6,633,779	23,375	426,300	7,089,041	48,701
Oklahoma	160,748	2,522,615	428,196	171,439	4,163,922	388,000
Oregon	26,784	3,908,120	500	15,733	2,578,689	2,000
Pennsylvania	2,574,478	31,755,480	10,760,098	2,407,226	31,935,073	13,832,192
Rhode Island	398	84,632	.....	178	50,775	.....
South Carolina	4,063	311,535	.....	15,486	673,050	1,500
South Dakota	3,424	1,986,468	.....	2,732	2,272,840	.....
Tennessee	106,890	3,311,955	201,078	167,997	4,019,491	230,116
Texas	58,124	1,936,296	13,750	61,948	2,090,640	2,300
Utah	22,045	3,875,985	4,429,667	44,253	5,408,037	5,142,100
Vermont	12,231	251,068	.....	9,769	209,700	400
Virginia	126,418	3,733,849	212,650	129,164	3,568,615	373,480
Washington	50,525	7,635,266	148,950	48,625	6,546,844	203,700
West Virginia	628,770	3,087,886	3,783,225	776,713	3,487,171	4,476,595
Wisconsin	6,347	6,736,319	2,931	6,630	6,515,032	1,928
Wyoming	102,377	517,387	305,350	108,980	615,795	334,800
Total	[1] 7,908,892 [2] 197,722,300	235,828,587	27,349,909	[1] 8,623,001 [2] 215,575,025	255,154,787	34,685,240
Grand total	[2] 460,900,796			[2] 505,415,052		

[1] Kegs of 25 pounds each. [2] Pounds.

No. 159.—CRUDE PETROLEUM PRODUCTION: QUANTITIES, CALENDAR YEARS 1880, 1890, 1900, AND 1913 TO 1916, BY STATES.

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

State.	1880	1890	1900	1913	1914	1915	1916
	Barrels.[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]
California	40,552	307,360	4,324,484	97,788,525	99,775,327	86,591,535	90,951,936
Colorado	.....	368,842	317,385	188,799	222,773	208,475	197,235
Illinois	.....	900	200	23,893,899	21,919,749	19,041,695	17,714,235
Indiana	.....	63,496	4,874,392	956,095	1,335,456	875,758	769,036
Kansas	.....	1,200	74,714	2,375,029	3,103,585	2,823,487	8,738,077
Kentucky	.....	[2] 6,000	[2] 62,259	[2] 524,568	[2] 502,441	[2] 437,274	1,203,246
Louisiana	.....	.....	.....	12,498,828	14,309,435	18,191,539	15,248,138
Missouri	.....	278	[3] 1,602	[4] 10,843	[5] 7,792	[5] 14,265	[5] 7,705
Montana	.....	.....	.....	.....	.....	.....	44,917
New York	(6)	(6)	1,300,925	948,191	938,974	887,778	(6)
Ohio	38,940	16,124,656	22,362,730	8,781,468	8,536,352	7,825,326	7,744,511
Oklahoma[7]	.....	.....	6,472	63,579,384	73,631,724	97,915,243	107,071,715
Pennsylvania	[8] 26,027,631	[8] 28,458,208	13,258,202	7,917,302	8,170,335	7,838,705	[8] 8,466,481
Texas	.....	54	836,039	15,009,478	20,068,184	24,942,701	27,644,605
West Virginia	179,000	492,578	16,195,675	11,567,299	9,680,033	9,264,798	8,731,184
Wyoming	.....	.....	5,450	2,406,522	3,560,375	4,245,525	6,234,137
Total	26,286,123	45,823,572	63,620,529	248,446,230	265,762,535	281,104,104	300,767,158
Total value (dollars)	24,600,638	35,365,105	75,752,691	237,121,388	214,125,215	179,462,890	330,899,868

[1] Barrels of 42 gallons.
[2] Includes Tennessee.
[3] Includes Michigan.
[4] Includes Alaska, New Mexico, and Michigan.
[5] Includes Alaska and Michigan.
[6] Included under Pennsylvania.
[7] Includes Indian Territory prior to 1908.
[8] Includes New York.

No. 160.—TOBACCO MANUFACTURES: SNUFF, CIGARS, AND CIGARETTES, CALENDAR YEARS 1908 TO 1916.

[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.*
1908	164,712,863	14,476,730	12,086,725	192,229,890	24,035,738	407,541,946
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	10,045,091	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

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.*
1908	6,488,907,269	1,072,512,540	17,668,772	5,742,832,524
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	7,048,505,633	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

No. 161.—DENATURED ALCOHOL: Number of Denaturing Warehouses and Amounts of Spirits Denatured, Years Ended June 30, 1908 to 1917.

[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.*		
1908	12	1,812,122.38	1,509,329.35	3,321,451.73	5,640,331.2
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
Total	.....	50,396,925.73	116,897,700.07	167,294,625.80	291,408,706.4

No. 162.—FATALITIES IN COAL MINES: By States, Calendar Years 1904 to 1916.

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

State.	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916
Alabama	83	187	96	154	108	129	238	209	123	124	128	63	119
Alaska and California	.....	.....	.....	.....	.....	6	.....	.....	2	2	.....	.....	.....
Arkansas	.....	8	13	13	14	15	14	12	6	12	11	8	7
Colorado	94	65	89	107	63	97	323	88	96	108	75	63	43
Georgia and North Carolina	.....	.....	.....	.....	.....	2	.....	.....	2	3	1	.....	1
Illinois	173	203	161	192	172	458	143	172	163	164	193	136	128
Indiana	34	46	31	53	45	49	51	46	35	66	44	46	51
Iowa	25	37	29	40	31	39	33	38	19	26	37	34	31
Kansas	31	41	39	37	38	32	17	42	30	28	33	24	54
Kentucky	20	31	39	32	40	34	86	44	51	48	61	64	75
Maryland	10	15	6	3	6	20	18	15	15	13	18	10	32
Michigan	6	9	5	7	6	9	6	7	8	3	2	7	2
Missouri	11	11	16	8	10	21	14	8	19	10	19	17	6
Montana	9	8	13	13	21	11	12	14	7	20	8	13	16
New Mexico	8	7	23	34	24	14	16	11	16	272	18	19	19
North Dakota	.....	.....	.....	.....	4	.....	2	1	.....	6	3	1	1
Ohio	117	126	131	154	113	110	159	107	135	165	64	67	108
Oklahoma	29	41	44	39	46	48	39	27	99	23	31	22	26
Oregon	.....	.....	.....	.....	.....	1	.....	1	1	.....	1	.....	3
Pennsylvania (anthracite)	595	644	557	708	678	567	601	699	601	618	595	586	555
Pennsylvania (bituminous)	533	475	476	799	571	500	521	515	446	609	402	438	433
Tennessee	28	29	32	30	34	29	38	111	18	35	26	25	15
Texas	.....	.....	.....	.....	.....	4	7	8	2	4	11	1	2
Utah	9	7	4	5	5	15	18	13	19	17	22	11	23
Virginia	.....	.....	35	11	.....	27	57	68	75	24	27	48	53
Washington	31	12	22	37	25	39	43	27	14	22	12	46	21
West Virginia	149	212	277	736	310	336	329	341	381	337	556	494	372
Wyoming	.....	18	.....	30	81	30	36	32	36	26	51	26	30
Total killed	1,995	2,232	2,138	3,242	2,445	2,642	2,821	2,656	2,419	2,785	2,454	2,269	2,226
Number killed per 1,000 men employed	3.48	3.63	3.39	4.81	3.60	3.96	3.89	3.65	3.35	3.73	3.22	3.09	3.09

No. 163.—FATALITIES IN AND ABOUT COAL MINES: Number of Men Killed, by Localities and Causes, Calendar Years 1913 to 1916.

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

Locality and cause.	Number killed.				Percentage of grand total.			
	1913	1914	1915	1916	1913	1914	1915	1916
Killed underground:								
Falls of roof (coal, rock, etc.)	1,060	985	919	962	38.06	40.14	40.50	43.22
Falls of face or pillar coal	204	146	160	103	7.33	5.95	7.05	4.63
Mine cars and locomotives	424	380	347	390	15.22	15.48	15.29	17.52
Gas explosions and burning gas	91	332	153	170	3.27	13.53	6.74	7.64
Coal-dust explosions	423	17	151	56	15.19	.69	6.66	2.51
Explosives (includes premature blasts, explosion of misfires, suffocation by gases from explosives, flying pieces from blasts, etc.)	138	146	155	146	4.95	5.95	6.83	6.56
Suffocation from mine gases	33	14	16	12	1.18	.57	.71	.54
Electricity (shock or burns)	80	89	89	90	2.87	3.63	3.92	4.04
Animals	9	7	3	8	.32	.29	.13	.38
Mining machines	24	20	12	20	.86	.82	.53	.90
Mine fires (burned, suffocated, etc.)	4	7	1	3	.14	.29	.05	.13
Other causes	72	57	63	67	2.59	2.32	2.78	3.01
Total	2,562	2,200	2,069	2,027	91.99	89.66	91.19	91.06
Killed in shaft:								
Falling down shafts or slopes	50	70	31	31	1.80	2.85	1.36	1.39
Objects falling down shafts or slopes	1	5	2	2	.04	.20	.09	.09
Cages or skips	9	12	7	12	.32	.49	.31	.54
Other causes	2	1	.....	4	.07	.04	.....	.18
Total	62	88	40	49	2.23	3.58	1.76	2.20
Killed on the surface:								
Mine cars and mine locomotives	78	68	62	59	2.80	2.77	2.73	2.65
Electricity (shock or burns)	8	11	10	7	.29	.45	.44	.31
Machinery	26	26	26	22	.93	1.06	1.15	.99
Boiler explosions or bursting steam pipes	1	5	6	4	.04	.20	.26	.18
Railway cars and locomotives	8	13	14	16	.29	.53	.62	.72
Other causes	40	43	42	42	1.43	1.75	1.85	1.89
Total	161	166	160	150	5.78	6.76	7.05	6.74
Grand total	2,785	2,454	2,269	2,226	100.00	100.00	100.00	100.00

No. 164.—FATALITIES IN METAL MINES: By States, Calendar Years 1912 to 1916.

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

State.	1912	1913	1914	1915	1916	State.	1912	1913	1914	1915	1916
Alabama	33	22	25	12	27	New Mexico	13	28	5	4	21
Alaska	21	25	19	22	29	New York	17	14	11	8	16
Arizona	67	86	63	41	68	North Carolina	1	4	8	.....	.....
Arkansas	1	.....	.....	1	1	Ohio	1	.....	.....	2	1
California	40	52	41	49	42	Oklahoma	2	1	3	4	5
Colorado	48	44	47	49	63	Oregon	1	8	1	2	1
Florida	6	14	10	3	4	Pennsylvania	2	.....	.....	1	4
Georgia	.....	1	1	1	4	South Dakota	6	8	4	6	6
Idaho	29	24	25	25	15	Tennessee	12	10	18	8	11
Illinois	1	1	.....	3	4	Texas	.....	1	.....	1	2
Iowa	.....	.....	.....	2	1	Utah	41	36	29	23	24
Kansas	2	4	1	2	3	Vermont	2	1	.....	1	2
Kentucky	1	.....	2	.....	.....	Virginia	4	12	2	1	3
Michigan	96	82	99	99	128	Washington	4	4	.....	4	3
Minnesota	50	63	43	36	42	Wisconsin	22	11	11	8	17
Missouri	36	34	25	44	35	Wyoming	4	.....	.....	2	1
Montana	50	64	39	62	75	Other States	.....	1	1	.....	1
Nevada	34	25	22	18	30						
New Hampshire	1	.....	.....	.....	.....	Total	661	683	559	553	697
New Jersey	13	8	4	9	8						

No. 165.—FATALITIES IN AND ABOUT METAL MINES: NUMBER KILLED, BY LOCALITIES AND CAUSES, CALENDAR YEARS 1913 TO 1916.

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

Locality and cause.	Number killed.				Percentage of grand total.			
	1913	1914	1915	1916	1913	1914	1915	1916
Killed underground:								
Fall of rock or ore from roof or wall	220	185	191	217	32.21	33.09	34.54	31.13
Rock or ore while loading at working face	10	7	10	10	1.46	1.25	1.81	1.43
Timber or hand tools	8	3	7	2	1.17	.54	1.27	.29
Explosives	77	49	72	74	11.28	8.76	13.02	10.62
Haulage accidents	35	31	18	33	5.13	5.55	3.25	4.74
Fall down chute, winze, raise, or stope	52	48	45	40	7.62	8.59	8.14	5.74
Run of ore from chute or pocket	10	5	10	11	1.46	.89	1.81	1.58
Drilling accidents	.....	3	1	.....	.....	.54	.18	.....
Electricity	16	8	10	17	2.34	1.43	1.81	2.44
Machinery (not including locomotives or drills)	4	1	.....	2	.58	.18	.....	.29
Mine fires	.....	10	.....	27	.....	1.79	.....	3.87
Suffocation from natural gases	3	1	3	6	.44	.18	.54	.86
Inrush of water	.....	8	3	1	.....	1.43	.54	.14
Stepping on nail	.....	.....	1	2	.....	.....	.18	.29
Other causes	23	7	3	23	3.37	1.25	.54	3.30
Total	458	366	374	465	67.06	65.47	67.63	66.72
Killed in shaft:								
Falling down shafts	26	34	34	45	3.81	6.08	6.15	6.46
Objects falling down shafts	15	10	13	18	2.20	1.79	2.35	2.58
Breaking of cables	2	2	2	2	.29	.36	.36	.29
Overwinding	3	.....	1	2	.44	.....	.18	.29
Skip or cage	34	43	20	33	4.98	7.70	3.62	4.73
Other causes	10	11	7	9	1.46	1.96	1.27	1.29
Total	90	100	77	109	13.18	17.89	13.93	15.64
Killed on surface:								
Mine cars, mine locomotives, or aerial trams	9	3	4	9	1.32	.54	.72	1.29
Railway cars and locomotives	4	7	7	5	.58	1.25	1.27	.72
Run or fall of ore in or from ore bins	2	5	2	2	.29	.89	.36	.29
Falls of persons	5	4	8	15	.73	.72	.54	2.15
Stepping on nail	1	.....	.....	1	.15	.....	.....	.14
Electricity	5	6	1	7	.73	1.07	.18	1.01
Machinery	11	4	6	12	1.61	.72	1.09	1.72
Other causes	12	8	25	25	1.76	1.43	4.52	3.58
Total	49	37	48	76	7.17	6.62	8.68	10.90
Killed by surface accidents (where surface mining is done):								
Falls or slides of rock or ore	17	18	12	8	2.49	3.22	2.17	1.15
Explosives	12	11	6	15	1.76	1.96	1.09	2.15
Haulage accidents (locomotives, etc.)	30	9	19	13	4.39	1.61	3.43	1.87
Steam shovels	2	1	1	1	.29	.18	.18	.14
Falls of persons	1	4	6	2	.15	.72	1.09	.29
Falls of derricks, booms, etc.	1	1	1	1	.15	.18	.18	.14
Machinery (other than locomotives or steam shovels)	10	5	2	1	1.46	.89	.36	.14
Electricity	5	3	3	2	.73	.54	.54	.29
Other causes	8	4	4	4	1.17	.72	.72	.57
Total	86	56	54	47	12.59	10.02	9.76	6.74
Grand total	683	559	553	695	100.00	100.00	100.00	100.00

No. 166.—ACCIDENTS AT SMELTING AND ORE-DRESSING PLANTS AND COKE OVENS: NUMBER KILLED AND INJURED, BY CAUSES AND BY STATES, CALENDAR YEARS 1913 TO 1916.

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

SMELTING PLANTS.

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

ORE-DRESSING PLANTS.

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

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

No. 166.—Accidents at Smelting and Ore-Dressing Plants and Coke Ovens: Number Killed and Injured, by Causes and by States, Calendar Years 1913 to 1916—Continued.

ORE-DRESSING PLANTS—Continued.

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

COKE OVENS.

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

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

No. 167.—FATALITIES IN QUARRIES: By States, Calendar Years 1912 to 1916.

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

State.	1912	1913	1914	1915	1916	State.	1912	1913	1914	1915	1916
Alabama	2	2	2	2	3	Ohio	8	12	6	13	9
Arizona		1				Oklahoma		1			1
Arkansas	2			1		Oregon	2			2	1
California	7	19	8	10	11	Pennsylvania	49	42	31	38	37
Colorado	7	1		1	4	Rhode Island	2	2	2	1	1
Connecticut		3	3	4		South Carolina			1		
Georgia		1	1	2		South Dakota	1				
Illinois	11	9	10	1	14	Tennessee	6	5	2		
Indiana	6	5	5	1	7	Texas	3	1	3	3	2
Iowa	2	1	1	2	2	Utah	1	1			2
Kansas	5	2	4	1	5	Vermont	16	14	9	9	9
Kentucky	8	4	4		1	Virginia	5	7	8	1	7
Maine	2	3	3	3	4	Washington	7	5	7	5	3
Maryland	7	2	7	7	2	West Virginia	6	2	7	3	1
Massachusetts	8	5	4	9	9	Wisconsin	1	8	7	5	3
Michigan	3	5	7	3	4	Other States					1
Minnesota	2	2	5		5						
Missouri	9	5	7	6	3	Total killed	213	183	180	148	173
Montana	1	1		1	1	Number killed per 1,000 men employed	1.88	1.72	2.05	1.47	1.91
Nebraska			1								
New Hampshire		1		1							
New Jersey	7	1	8	4	3	Number killed per 1,000,000-day workers	2.27	2.10	2.64	1.80	2.26
New Mexico	2	2	2	2	1						
New York	15	7	12	7	16						
North Carolina		1	2		1						

No. 168.—FATALITIES CONNECTED WITH QUARRIES: Number Killed, by Causes, Calendar Years 1912 to 1916.

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

Cause.	1912	1913	1914	1915	1916
In and about quarries:					
Falls or slides of rock or overburden	37	27	53	45	33
Rock while loading at working face	14	11	6	5	6
Timber or hand tools	4	3		1	1
Explosives (includes premature blasts, explosion of misfires, flying pieces from blasts, etc.)	47	44	35	28	28
Haulage accidents (by quarry cars and locomotives)	28	20	20	11	15
Falling into quarry from surface, benches, or face	10	10	15	10	8
Falling from hoists, derricks, ladders, etc	5	3	3	4	4
Drilling accidents (by machine or hand drills)	2	3		1	
Electricity (shock or burns)	4	2	2	2	4
Machinery (pumps and hoisting machinery)	7	8	8	6	6
Flying pieces of rock from sledging	4	2		1	1
Boiler explosions			1		
Animals	2	1	4		
Other causes	2	8	7	5	8
Total	166	142	154	119	114
In rock-dressing and mill accidents:					
Haulage system (cars, motors, etc.)	10	4	1	1	3
Railway cars or locomotives	7	8	6	6	10
Other machinery	16	12	3	5	23
Falls of persons	4	4	5	3	2
Hand tools	1		2		
Electricity (shock or burns)		3	1	1	3
Other causes	9	10	8	13	18
Total	47	41	26	29	59
Grand total	213	183	180	148	173