AGRICULTURE, FORESTRY, AND FISHERIES.

No. 88.—FARMS, FARM LAND, AND FARM PROPERTY OF THE UNITED STATES: JUNE, 1900, AND APRIL, 1910.

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

	Apr. 15, 1910.	June 1, 1900.	Increase.	
			Amount.	Per cent.
Urban population [1]	42,623,383	31,609,645	11,013,738	34.8
Rural population [2]	49,348,883	44,384,930	4,963,953	11.2
Total	91,972,266	75,994,575	15,977,691	21.0
Number of all farms	6,361,502	5,737,372	624,130	10.9
Land area of the country ... acres	1,903,289,600	1,903,461,760	[3] [4] 172,160	.....
Improved land in farms ... do	478,451,750	414,498,487	63,953,263	15.4
Unimproved land in farms ... do	400,346,575	424,093,287	[4] 23,746,712	[4] 5.6
Total ... do	878,798,325	838,591,774	40,206,551	4.8
Average acreage per farm:				
Improved land	75.2	72.2	3.0	4.2
Unimproved land	62.9	73.9	[4] 11.0	[4] 14.9
Total	138.1	146.1	[4] 8.0	[4] 5.5
Per cent of total land area in farms:				
Improved	25.1	21.8	.....	.....
Unimproved	21.1	22.3	.....	.....
Total	46.2	44.1	.....	.....
Per cent of land in farms:				
Improved	54.4	49.4	.....	.....
Unimproved	45.6	50.6	.....	.....
Value of farm property:				
Land ... dollars	28,475,674,169	13,058,007,995	15,417,666,174	118.1
Buildings ... do	6,325,451,528	3,556,639,496	2,768,812,032	77.8
Implements and machinery ... do	1,265,149,783	749,775,970	515,373,813	68.7
Domestic animals, poultry, and bees ... dollars	4,925,173,610	3,075,477,703	1,849,695,907	60.1
Total ... do	40,991,449,090	20,439,901,164	20,551,547,926	100.5
Average value per farm:				
Land ... do	*4,476*	*2,276*	*2,200*	*96.7*
Buildings ... do	994	620	374	60.3
Implements and machinery ... do	199	131	68	51.9
Domestic animals, poultry, and bees ... dollars	774	536	238	44.4
Total ... do	6,444	3,563	2,881	80.9
Average value per acre of land in farms:				
Land ... dollars	32.40	15.57	16.83	108.1
Buildings ... do	7.20	4.24	2.96	69.8
Implements and machinery ... do	1.44	0.89	0.55	61.8
Domestic animals, poultry, and bees ... dollars	5.60	3.67	1.93	52.6
Total ... do	46.64	24.37	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 is the population in that year of the territory classified as urban in 1910.

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

[3] Decrease in area due to drainage of lakes and swamps in Illinois and Indiana, building of the Roosevelt *and Laguna Reservoirs, and the formation of the Salton Sea in California.*

[4] Decrease.

No. 89.—NUMBER AND ACREAGE OF FARMS AND NUMBER OF ACRES IMPROVED AND UNIMPROVED: By States and by Geographic Divisions, 1890, 1900, and 19 0

[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	350,178	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	6,608	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

[1] For 1890 farms with an area under 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. 89.—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.	
Maryland	1890	40,798	3,412,908	1,539,482	4,952,390	121.4	68.9
	1900	46,012	3,516,352	1,653,723	5,170,075	112.4	68.0
	1910	48,928	3,354,767	1,702,373	5,057,140	103.4	66.3
Massachusetts	1890	34,374	1,657,024	1,341,258	2,998,282	87.2	55.3
	1900	37,715	1,292,132	1,854,932	3,147,064	83.4	41.1
	1910	36,017	1,164,501	1,711,440	2,875,941	77.9	40.5
Michigan	1890	172,344	9,865,350	4,920,286	14,785,636	85.8	66.7
	1900	203,261	11,799,250	5,762,448	17,561,698	86.4	67.2
	1910	206,960	12,832,078	6,108,536	18,940,614	91.5	67.8
Minnesota	1890	116,851	11,127,953	7,535,692	18,663,645	159.7	59.6
	1900	154,659	18,442,585	7,805,913	26,248,498	169.7	70.3
	1910	156,137	19,643,533	8,032,290	27,675,823	177.3	71.0
Mississippi	1890	144,318	6,849,390	10,723,157	17,572,547	121.8	39.0
	1900	220,803	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	19,792,318	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	5,608	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	728,052	933,364	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	1,727,337	1,731,681	3,459,018	118.7	49.9
	1900	29,324	1,076,879	2,532,985	3,609,864	123.1	29.8
	1910	27,058	929,185	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	33,437	1,803,336	770,521	2,573,857	76.9	70.1
New Mexico	1890	4,458	263,106	524,776	787,882	176.7	33.4
	1900	12,311	326,873	4,804,005	5,130,878	416.8	6.4
	1910	35,676	1,467,191	9,802,830	11,270,021	315.9	13.0
New York	1890	226,223	16,389,380	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	4,658,015	3,002,318	7,660,333	277.4	60.8
	1900	45,332	9,644,520	5,898,120	15,542,640	342.9	62.1
	1910	74,360	20,455,092	7,971,558	28,426,650	382.3	72.0
Ohio	1890	251,480	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	19,227,969	4,877,739	24,105,708	88.6	79.8
Oklahoma	1890	8,826	563,728	1,042,695	1,606,423	182.0	35.1
	1900	62,495	5,511,994	10,207,264	15,719,258	251.5	35.1
	[1]1910	190,192	17,551,337	11,308,016	28,859,353	151.7	60.8
Oregon	1890	25,530	3,516,000	3,393,888	6,909,888	270.7	50.9
	1900	35,337	3,328,308	6,743,020	10,071,328	281.0	33.0
	1910	45,602	4,274,303	7,410,307	11,685,110	256.8	36.6
Pennsylvania	1890	211,557	13,210,597	5,153,773	18,364,370	86.8	71.9
	1900	224,218	13,209,183	6,161,832	19,371,015	86.4	68.2
	1910	219,295	12,673,519	5,913,313	18,586,832	84.8	68.2
Rhode Island	1890	5,500	274,491	194,790	469,281	85.3	58.5
	1900	5,498	187,354	268,248	455,602	82.9	41.1
	1910	5,292	178,344	264,964	443,308	83.8	40.2
South Carolina	1890	115,098	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	15,827,208	10,189,684	26,016,892	335.1	60.8

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

No. 89.—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.	
Tennessee	1890	174,412	9,362,555	10,799,028	20,161,583	115.6	46.4
	1900	224,623	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
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	1,820,882	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	754,353	39,770,530	136,720,672	176,491,202	233.8	22.5
	1910	943,186	58,264,278	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	141,581	18,753,105	28,646,471	47,399,576	334.8	39.6
	1910	189,891	22,038,008	29,290,781	51,328,789	270.3	42.9
Alaska	1900	12	159	.....	159	13.2	100.0
	1910	222	2,660	39,884	42,544	191.6	6.3
Hawaii	1900	2,273	294,545	2,315,068	2,609,613	1,148.1	11.3
	1910	4,320	305,053	2,285,547	2,590,600	599.7	11.8
Porto Rico	1910	58,371	1,570,304	514,858	2,085,162	35.7	75.3

[1] For States included in each division, see note 5, p. 25.

No. 90.—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. 91.—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	15,515,687	29,993,847
	1910	42,349,737	4,936,573	1,787,790	26,050,870	75,123,970
Arkansas	1890	[1] 118,574,422	(1)	5,672,400	30,772,880	155,019,702
	1900	105,106,650	30,075,520	8,750,060	37,483,771	181,416,001
	1910	246,021,450	63,145,363	16,864,198	74,058,292	400,089,303
California	1890	[1] 697,116,630	(1)	14,689,710	[2] 65,575,427	[2] 777,381,767
	1900	630,444,960	77,468,000	21,811,670	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	93,341,523	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	23,768,820	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	125,826	11,535,876
	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	9,304,010	35,200,507	228,374,637
	1910	370,353,415	103,850,917	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	3,690,411,148	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. 91.—VALUE OF FARM PROPERTY: BY STATES AND BY GEOGRAPHIC DIVISIONS, 1890, 1900, AND 1910—Continued.

State.	Census year.	Land.	Buildings.	Implements and machinery.	Live stock.	All farm property.
		Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Indiana	1890	[1] 754,789,110	(1)	21,172,255	93,361,422	869,322,787
	1900	687,633,460	154,101,880	27,330,370	109,550,761	978,616,471
	1910	1,328,196,545	266,079,051	40,999,541	173,860,101	1,809,135,238
Indian Territory [2]	1890	.....	.....	.....	[3] 5,976,729	[3] 5,976,729
	1900	89,188,250	7,675,190	3,939,480	41,378,695	92,181,615
Iowa	1890	[1] 857,581,022	(1)	36,665,315	206,436,242	1,100,682,579
	1900	1,256,751,980	240,802,810	57,960,660	278,830,096	1,834,345,546
	1910	2,801,973,729	455,405,671	95,477,948	393,003,196	3,745,860,544
Kansas	1890	[1] 559,726,046	(1)	18,869,790	128,068,305	706,664,141
	1900	532,187,610	111,465,160	29,490,580	190,956,936	864,100,286
	1910	1,537,976,573	199,579,599	48,310,161	253,523,577	2,039,389,910
Kentucky	1890	[1] 346,339,360	(1)	10,906,506	70,924,400	428,170,266
	1900	291,117,480	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] 127,588,284	(1)	5,938,940	14,200,178	147,677,402
	1900	86,925,410	71,093,880	8,828,950	15,798,464	182,646,704
	1910	105,532,616	88,686,149	11,563,894	20,741,366	226,474,025
Michigan	1890	[1] 556,190,670	(1)	22,182,600	69,564,985	647,938,255
	1900	423,569,950	158,947,760	28,795,380	79,042,644	690,355,734
	1910	615,268,348	285,879,951	49,916,285	137,803,795	1,088,858,379
Minnesota	1890	[1] 340,069,470	(1)	16,916,473	57,725,683	414,701,626
	1900	559,301,900	110,220,415	30,099,230	89,063,097	788,684,642
	1910	1,019,102,027	243,339,399	52,329,165	161,641,146	1,476,411,737
Mississippi	1890	[1] 127,423,157	(1)	5,968,865	33,936,435	167,328,457
	1900	114,856,660	37,150,340	9,556,805	42,657,222	204,221,027
	1910	254,002,289	80,160,000	16,905,312	75,247,033	426,314,634
Missouri	1890	[1] 625,858,361	(1)	21,830,719	138,701,173	786,390,253
	1900	695,470,723	148,508,490	28,602,680	160,540,004	1,033,121,897
	1910	1,445,982,389	270,221,997	50,873,994	285,839,108	2,052,917,488
Montana	1890	[1] 25,512,340	(1)	1,356,010	[4] 33,266,752	[4] 60,135,102
	1900	52,660,560	9,365,530	3,671,900	52,161,833	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	486,605,900	91,054,120	24,940,450	145,349,587	747,950,057
	1910	1,614,539,813	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	93,360,980	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. 91.—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	219,461,470	86,354,160	125,954,616	1,198,923,946
	1910	1,285,894,812	368,257,594	51,210,071	197,332,112	1,902,694,589
Oklahoma	1890	[1] 8,581,170	(1)	433,580	3,206,270	12,221,020
	1900	110,209,650	13,731,585	6,573,015	54,829,568	185,343,818
	[2] 1910	649,066,668	89,610,556	27,098,866	152,432,792	918,198,882
Oregon	1890	[1] 115,819,200	(1)	4,556,770	22,648,830	143,024,800
	1900	113,187,820	19,199,694	6,506,725	33,917,048	172,761,287
	1910	411,696,102	48,880,207	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	830,430,010	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	12,218,080	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	63,186,960	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] 138,409,274	[3] 552,127,104
	1900	591,550,802	100,222,811	30,125,705	240,576,955	962,476,273
	1910	1,638,207,135	210,001,260	56,790,260	318,646,509	2,218,645,164
Utah	1890	[1] 28,402,780	(1)	1,164,660	[3] 9,914,766	[3] 39,482,206
	1900	40,126,560	10,651,790	2,922,560	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	7,538,490	17,841,317	108,451,427
	1910	58,385,327	54,202,948	10,168,687	22,642,766	145,399,728
Virginia	1890	[1] 254,490,600	(1)	6,593,688	33,404,281	294,488,569
	1900	200,615,080	70,963,120	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] 83,461,630	(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] 14,460,830	(1)	522,250	[3] 18,785,301	[3] 33,768,481
	1900	23,434,010	3,581,520	1,366,030	39,145,877	67,477,407
	1910	38,908,276	9,007,001	3,668,294	65,605,510	167,189,081
Total	1890	[1] 13,279,252,649	(1)	494,247,497	[3] 2,308,767,573	[3] 16,082,267,689
	1900	18,058,007,995	3,556,639,496	749,775,970	3,075,477,703	20,439,901,164
	1910	28,475,674,169	6,325,451,528	1,265,149,763	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	244,806,946	36,551,820	74,826,332	639,645,900
	1910	382,134,424	336,410,884	50,738,826	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	604,683,707	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. 25.

No. 91.—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.*
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	1,454,031,316
	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	589,337,078	3,838,154,337
Mountain.....	1890	[1] 198,545,200	(1)	7,969,430	[2] 143,036,311	[2] 349,550,941
	1900	284,064,810	54,554,862	18,807,620	243,836,888	601,264,180
	1910	1,174,370,096	145,026,777	49,429,975	388,746,520	1,757,573,368
Pacific	1890	[1] 896,397,490	(1)	22,396,680	[2] 102,337,367	[2] 1,021,131,537
	1900	842,893,290	112,966,894	34,090,025	123,379,580	1,113,329,789
	1910	2,246,313,548	231,832,706	66,408,647	235,926,876	2,780,481,777
Alaska	1900	(3)	12,800	690	2,196	15,686
	1910	464,832	402,806	58,568	542,196	1,468,402
Hawaii	1900	56,484,061	3,545,895	11,484,890	2,570,142	74,084,988
	1910	78,132,945	4,798,756	9,024,328	4,407,200	96,363,229
Porto Rico.....	1910	73,967,852	8,752,573	8,711,449	10,947,000	102,378,874

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

No. 92.—**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. 93.—CEREAL CROPS: ESTIMATED PRODUCTION AND VALUE, 1866 TO 1913.

[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	1,537,465,400	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	76,204,515	2,060,154,000	836,439,228	40.6	27.0	10.98
1892	70,626,658	1,628,464,000	642,146,630	39.4	23.1	9.09
1893	72,036,465	1,619,496,131	591,625,627	36.5	22.5	8.21
1894	62,582,269	1,212,770,052	554,719,162	45.7	19.4	8.86
1895	82,075,830	2,151,138,580	544,985,534	25.3	26.2	6.64
1896	81,027,156	2,283,875,165	491,006,967	21.5	28.2	6.06
1897	80,095,051	1,902,967,933	501,072,952	26.3	23.8	6.26
1898	77,721,781	1,924,184,660	552,023,428	28.7	24.8	7.10
1899	82,108,587	2,078,143,933	629,210,110	30.3	25.3	7.66
1900	83,320,872	2,105,102,516	751,220,034	35.7	25.3	9.02
1901	91,349,928	1,522,519,891	921,555,768	60.5	16.7	10.09
1902	94,043,613	2,523,648,312	1,017,017,349	40.3	26.8	10.81
1903	88,091,993	2,244,176,925	952,868,801	42.5	25.5	10.82
1904	92,231,581	2,467,430,934	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	2,592,320,000	1,336,901,000	51.6	25.9	13.38
1908	101,788,000	2,668,651,000	1,616,145,000	60.6	26.2	15.87
1909	108,771,000	2,772,376,000	1,652,822,000	59.6	25.5	15.19
1910	104,035,000	2,886,260,000	1,384,817,000	48.0	27.7	13.30
1911	105,825,000	2,531,488,000	1,565,258,000	61.8	23.9	14.77
1912	107,083,000	3,124,746,000	1,520,454,000	48.7	29.2	14.20
1913	105,820,000	2,446,988,000	1,692,092,000	69.1	23.1	15.99

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]	20,470,800	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	39,916,897	611,780,000	513,472,711	83.9	15.3	12.86
1892	38,554,430	515,949,000	322,111,881	62.4	13.4	8.35
1893	34,629,418	396,131,725	213,171,381	53.8	11.4	6.16
1894	34,882,436	460,267,416	225,902,025	49.1	13.2	6.48
1895	34,047,332	467,102,947	237,938,998	50.9	13.7	6.99
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	10.36
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	467,350,156	62.4	15.0	9.37
1902	46,202,424	670,063,008	422,224,117	63.0	14.5	9.14
1903	49,464,967	637,821,835	443,024,826	69.5	12.9	8.96
1904	44,074,375	552,399,517	510,489,874	92.4	12.5	11.58
1905	47,854,079	692,979,489	518,372,727	74.8	14.5	10.83
1906	47,305,829	735,260,970	490,332,760	66.7	15.5	10.37
1907	45,211,000	634,087,000	554,437,000	87.4	14.0	12.26
1908	47,557,000	664,602,000	616,826,000	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	621,338,000	543,063,000	87.4	12.5	10.93
1912	45,814,000	730,267,000	555,280,000	76.0	15.9	12.12
1913	50,184,000	763,380,000	610,122,000	79.9	15.2	12.16

[1] The periods relate to calendar years.

[2] Average per year for the period.

No. 93.—CEREAL CROPS: ESTIMATED PRODUCTION AND VALUE, 1866 TO 1913—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	25,581,861	738,394,000	232,312,267	31.5	28.9	9.08
1892	27,063,835	661,035,000	209,253,611	31.7	24.4	7.73
1893	27,273,033	638,854,850	187,576,092	29.4	23.4	6.88
1894	27,023,558	662,036,928	214,816,920	32.4	24.5	7.95
1895	27,878,406	824,443,587	163,655,068	19.9	29.6	5.87
1896	27,565,985	707,346,404	132,485,033	18.7	25.7	4.81
1897	26,730,375	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	308,584,852	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

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	2,176,466	31,751,868	24,589,217	77.4	14.6	11.30
1892	2,163,657	27,978,824	15,160,056	54.2	12.9	7.01
1893	2,038,485	26,555,446	13,612,222	51.3	13.0	6.68
1894	1,944,780	26,727,615	13,395,476	50.1	13.7	6.89
1895	1,890,345	27,210,070	11,964,826	44.0	14.4	6.33
1896	1,831,201	24,369,047	9,960,769	40.9	13.3	5.44
1897	1,703,561	27,368,324	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	33,374,883	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

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

No. 93.—Cereal Crops: Estimated Production and Value, 1866 to 1913—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	26,992,300	21,382,200	79.0	22.9	18.09
1876-85 [2]	2,065,900	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	3,352,579	86,839,153	45,470,342	52.4	25.9	13.56
1892	3,400,361	80,096,762	38,026,062	47.5	23.6	11.18
1893	3,220,371	69,869,495	28,729,386	41.1	21.7	8.92
1894	3,170,602	61,400,465	27,134,127	44.2	19.4	8.56
1895	3,299,973	87,072,744	29,312,413	33.7	26.4	8.88
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	60,166,313	45.6	26.4	12.05
1904	5,145,878	139,748,958	58,651,807	42.0	27.2	11.40
1905	5,095,528	136,651,020	55,047,166	40.3	26.8	10.80
1906	6,323,757	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	173,332,000	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

BUCKWHEAT.

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	849,364	12,760,932	7,271,506	57.0	15.0	8.56
1892	861,451	12,143,185	6,295,643	51.8	14.1	7.31
1893	815,614	12,132,311	7,074,450	58.3	14.9	8.67
1894	789,232	12,668,200	7,040,238	55.6	16.1	8.92
1895	763,277	15,341,899	6,936,325	45.2	20.1	9.09
1896	754,898	14,089,783	5,522,339	39.2	18.7	7.32
1897	717,836	14,997,451	6,319,188	42.1	20.9	8.80
1898	678,332	11,721,927	5,271,462	45.0	17.3	7.77
1899	670,148	11,094,473	6,133,675	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	17,438,000	12,188,000	69.9	20.9	14.61
1910	860,000	17,598,000	11,636,000	66.1	20.5	13.55
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

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

No. 94.—POTATO CROP: ESTIMATED ACREAGE, PRODUCTION, AND VALUE, 1907 TO 1912, AND IN 1913 BY STATES.[1]

[Source: Reports of the Department of Agriculture.]

State.	Acreage.	Production.	Total 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.*	*Cents.*	*Bushels.*	*Dollars.*
Alabama	18,000	1,512,000	1,588,000	105	84	88.22
Arizona	1,000	75,000	101,000	135	75	101.00
Arkansas	25,000	1,800,000	1,800,000	100	72	72.00
California	68,000	8,092,000	5,664,000	70	119	83.29
Colorado	80,000	9,200,000	5,980,000	65	115	74.75
Connecticut	24,000	2,208,000	1,921,000	87	92	80.04
Delaware	11,000	957,000	718,000	75	87	65.27
Florida	12,000	912,000	1,067,000	117	76	88.92
Georgia	12,000	972,000	1,021,000	105	81	85.08
Idaho	34,000	5,780,000	2,890,000	50	170	85.00
Illinois	125,000	5,750,000	5,118,000	89	46	40.94
Indiana	75,000	3,975,000	3,339,000	84	53	44.52
Iowa	150,000	7,200,000	5,904,000	82	48	39.36
Kansas	73,000	2,920,000	2,657,000	91	40	36.40
Kentucky	50,000	2,450,000	2,499,000	102	49	49.98
Louisiana	25,000	1,750,000	1,680,000	96	70	67.20
Maine	128,000	28,160,000	14,925,000	53	220	116.60
Maryland	43,000	3,741,000	2,506,000	67	87	58.28
Massachusetts	27,000	2,835,000	2,410,000	85	105	89.26
Michigan	350,000	33,600,000	17,808,000	53	96	50.09
Minnesota	275,000	30,250,000	15,730,000	52	110	57.20
Mississippi	12,000	960,000	960,000	100	80	80.00
Missouri	85,000	3,230,000	3,004,000	93	38	35.34
Montana	36,000	5,040,000	3,377,000	67	140	93.81
Nebraska	118,000	5,664,000	4,418,000	78	48	37.44
Nevada	11,000	1,760,000	1,197,000	68	160	108.82
New Hampshire	17,000	2,074,000	1,721,000	83	122	101.24
New Jersey	94,000	8,930,000	7,323,000	82	95	77.90
New Mexico	9,000	612,000	857,000	140	68	95.22
New York	360,000	26,640,000	21,312,000	80	74	59.20
North Carolina	30,000	2,400,000	1,968,000	82	80	65.60
North Dakota	60,000	5,100,000	2,856,000	56	85	47.60
Ohio	160,000	10,240,000	8,704,000	85	64	54.40
Oklahoma	32,000	1,920,000	2,016,000	105	60	63.00
Oregon	50,000	6,750,000	3,915,000	58	135	78.30
Pennsylvania	265,000	23,320,000	18,656,000	80	88	70.40
Rhode Island	5,000	650,000	585,000	90	130	117.00
South Carolina	10,000	800,000	1,040,000	130	80	104.00
South Dakota	60,000	4,680,000	2,948,000	63	78	49.13
Tennessee	38,000	2,432,000	2,359,000	97	64	62.08
Texas	45,000	2,340,000	2,621,000	112	52	58.24
Utah	20,000	3,600,000	2,088,000	58	180	104.40
Vermont	25,000	3,175,000	2,286,000	72	127	91.44
Virginia	105,000	9,870,000	7,896,000	80	94	75.20
Washington	60,000	7,380,000	4,428,000	60	123	73.80
West Virginia	48,000	3,984,000	3,586,000	90	83	74.71
Wisconsin	295,000	32,155,000	17,364,000	54	109	58.86
Wyoming	12,000	1,680,000	1,092,000	65	140	91.00
Total, 1913	3,668,000	331,525,000	227,903,000	68.7	90.4	62.13
1907	3,128,000	298,262,000	184,184,000	61.8	95.4	58.88
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

[1] Does not include sweet potatoes.

No. 95.—CORN: Estimated Annual Production, by States, 1902 to 1913.

[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.*
1902	23,223,623	50,655,042	1,839,150	1,909,000	1,651,671	5,239,752	5,180,640	35,093,979	372,436,416	171,332,142
1903	41,736,163	48,212,663	1,777,162	2,222,075	1,233,254	5,094,732	6,083,035	46,078,391	264,087,431	142,580,886
1904	41,877,165	48,332,614	1,556,269	2,415,658	2,120,244	5,688,326	6,640,334	47,334,713	344,133,680	143,396,852
1905	42,971,548	38,323,738	1,810,944	2,776,484	2,373,906	5,972,749	6,518,702	47,255,164	382,752,063	187,130,623
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	183,893,757
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

Calendar year.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1902	297,686,016	222,805,621	90,093,357	16,784,762	20,379,017	1,460,771	35,193,814	33,826,559	24,658,588	264,232,605
1903	229,218,220	171,687,014	82,545,546	27,937,905	17,871,260	1,075,272	44,212,228	40,726,870	39,848,273	202,839,584
1904	303,039,266	134,609,669	86,815,580	27,258,443	21,213,876	1,596,780	36,990,468	41,809,083	39,709,664	151,522,643
1905	305,112,376	193,275,836	94,893,638	19,516,499	23,202,536	1,679,962	41,775,936	48,997,455	30,027,569	203,294,798
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	32,400,000	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

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.*
1902	252,520,173	10,100,565	811,998	16,130,750	37,622,880	1,604,380	121,608,512	79,093,602	53,658,426	18,988,705
1903	172,379,532	6,534,624	956,688	15,485,525	38,594,585	2,167,402	88,095,757	76,821,175	45,447,636	18,618,064
1904	260,942,335	10,449,962	778,179	17,079,290	40,705,478	1,914,530	99,628,555	103,236,686	48,535,748	22,189,837
1905	263,551,772	9,943,414	997,402	19,312,744	37,596,331	2,458,638	112,399,396	110,442,368	56,085,903	20,480,860
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	48,686,000	6,045,000	153,062,000	101,150,000	48,800,000	37,041,000
1910	191,565,000	9,612,000	2,047,000	20,108,000	49,290,000	2,940,000	144,540,000	91,760,000	58,630,000	31,580,000
1911	155,925,000	9,936,000	2,322,000	20,405,000	49,680,000	7,250,000	150,540,000	36,888,000	63,858,000	32,578,000
1912	182,616,000	10,374,000	2,083,000	19,763,000	51,106,000	8,758,000	174,410,000	101,878,000	61,582,000	34,278,000
1913	114,150,000	10,862,000	1,572,000	15,020,000	55,282,000	10,800,000	146,250,000	52,250,000	57,057,000	38,512,000

Calendar year.	South Dakota.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	All other.	Total.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1902	29,812,822	73,081,329	44,867,415	1,258,252	41,345,656	20,512,616	42,425,349	2,522,357	2,523,648,312
1903	41,618,067	75,283,778	140,750,733	1,404,632	39,740,702	16,794,037	43,639,449	2,776,575	2,244,176,925
1904	43,855,052	80,890,025	136,702,699	2,133,429	42,899,913	19,176,413	45,119,913	3,181,563	2,467,480,934
1905	51,614,739	77,207,912	139,146,404	2,020,859	43,514,874	22,813,122	55,407,849	3,336,427	2,707,993,540
1906	62,812,500	86,428,912	155,804,782	2,005,430	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	2,668,651,000
1909	65,270,000	78,650,000	122,250,000	2,405,000	47,328,000	27,632,000	50,589,000	4,327,000	2,772,376,000
1910	52,500,000	88,060,000	140,080,000	1,892,000	49,980,000	18,200,000	49,400,000	4,965,000	2,886,260,000
1911	50,820,000	91,120,000	69,350,000	1,886,000	47,520,000	18,170,000	58,080,000	5,607,000	2,531,488,000
1912	76,347,000	88,298,000	153,300,000	1,800,000	47,520,000	24,505,000	58,262,000	5,832,000	3,124,746,000
1913	67,320,000	68,675,000	163,200,000	1,665,000	51,480,000	22,692,000	66,825,000	6,047,000	2,446,988,000

[1] Includes production of Indian Territory.

No. 96.—WHEAT: Estimated Annual Production, by States, 1902 to 1913.

[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.*
1902	632,916	2,245,889	22,374,201	5,287,860	1,707,186	6,021,946	14,869,245	32,601,932	35,484,448	45,827,495	7,511,536	11,129,223
1903	1,020,410	1,922,578	20,926,192	7,423,581	1,859,740	5,127,987	12,531,304	16,571,940	23,994,030	87,249,557	7,728,235	10,120,838
1904	1,060,138	2,198,507	17,474,864	5,917,649	2,564,056	6,832,727	11,266,220	21,542,421	12,525,993	65,019,471	7,349,329	10,327,514
1905	1,041,082	1,564,808	17,542,013	6,358,875	2,106,556	10,341,532	13,683,003	29,951,584	35,351,464	77,001,104	8,809,955	18,196,790
1906	1,085,029	1,915,250	26,883,662	8,266,538	3,161,070	8,231,631	9,212,218	33,535,900	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	7,658,000	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	10,653,000	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	1,703,000	14,094,000	16,395,000	41,888,000	39,775,000	86,983,000	9,860,000	8,113,000

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.*
1902	18,693,218	79,752,404	56,266,494	2,355,158	52,726,451	780,170	8,033,693	3,055,757	62,872,241	36,333,379	15,512,460	12,073,992
1903	15,524,862	70,652,597	22,194,614	2,784,327	42,157,560	822,701	9,683,894	3,228,606	55,240,580	28,303,515	12,438,827	24,482,637
1904	6,873,005	68,344,256	27,163,141	2,596,731	31,453,943	440,678	5,362,664	4,912,561	53,892,193	17,563,478	14,050,193	15,040,666
1905	19,003,274	72,434,234	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	18,663,362
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	8,531,000
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	15,353,000	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	24,018,000	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

Calendar year.	Pennsylvania.	South Dakota.[1]	Tennessee.	Texas.	Utah.	Virginia.	Washington.	West Virginia.	Wisconsin.	All other.	Total.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
1902	24,628,171	43,973,033	6,050,743	8,633,277	3,748,669	3,635,494	23,672,187	2,743,233	9,655,094	9,173,813	670,063,008
1903	26,038,444	47,252,994	7,693,070	19,880,173	4,156,072	6,999,646	19,986,345	4,128,807	8,365,335	9,329,837	637,821,835
1904	21,857,961	31,556,784	9,298,417	12,483,562	4,793,825	7,257 065	32,140,603	3,158,826	7,433,563	10,596,513	552,399,517
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	35,780,000	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	53,300,000	3,055,000	3,665,000	8,391,000	763,380,000

[1] Included in North Dakota prior to 1890.

No. 97.—COTTON CROP IN SPECIFIED YEARS, 1901 TO 1913: ACREAGE HARVESTED, PRODUCTION, AND FARM VALUE, BY STATES.

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

ALABAMA.

Year.	Cotton.			Cotton seed.		Total value.
	Area.	Product.	Value.	Product.	Value.	
	Acres.	*Bales.*[1]	*Dollars.*	*Short tons.*	*Dollars.*	*Dollars.*
1901	3,642,964	1,123,764	44,210,000	530,000	6,630,000	50,840,000
1902	3,501,614	977,045	37,530,000	458,000	7,090,000	44,620,000
1903	3,608,049	1,000,735	57,390,000	472,000	7,510,000	64,900,000
1904	3,611,731	1,471,170	59,950,000	692,000	8,830,000	68,780,000
1905	3,500,168	1,249,685	64,820,000	593,000	8,680,000	73,500,000
1906	3,658,000	1,203,674	60,410,000	561,000	7,710,000	68,130,000
1907	3,439,000	1,133,285	60,970,000	494,000	8,820,000	69,790,000
1908	3,591,000	1,360,601	59,480,000	598,000	9,590,000	69,070,000
1909	3,731,000	1,065,377	69,940,000	454,000	13,100,000	83,040,000
1910	3,560,000	1,221,225	83,880,000	530,000	15,050,000	98,930,000
1911	4,017,000	1,735,951	79,560,000	762,000	13,540,000	93,100,000
1912	3,730,000	1,367,136	77,360,000	596,000	12,920,000	90,280,000
1913[2]	.....	1,535,954	.....	.....	.....	.....

ARKANSAS.

1901	1,854,482	727,265	28,820,000	350,000	4,370,000	33,190,000
1902	1,901,758	967,748	38,130,000	465,000	7,560,000	46,690,000
1903	1,925,191	733,859	42,800,000	352,000	6,500,000	49,300,000
1904	2,051,185	916,945	38,580,000	446,000	6,600,000	45,180,000
1905	1,718,751	615,337	32,430,000	296,000	4,440,000	36,870,000
1906	2,097,000	916,106	45,140,000	419,000	5,550,000	50,690,000
1907	1,950,000	770,214	42,500,000	344,000	5,390,000	47,890,000
1908	2,296,000	1,020,704	45,710,000	459,000	6,430,000	52,140,000
1909	2,153,000	718,117	48,790,000	317,000	8,960,000	57,750,000
1910	2,238,000	824,228	57,750,000	365,000	9,310,000	67,060,000
1911	2,363,000	939,850	43,580,000	418,000	7,480,000	51,060,000
1912	1,991,000	805,021	45,680,000	352,000	7,950,000	53,630,000
1913[2]	.....	1,077,458	.....	.....	.....	.....

FLORIDA.

1901	254,596	57,644	2,360,000	24,000	300,000	2,660,000
1902	253,961	68,217	3,720,000	28,000	490,000	4,210,000
1903	268,666	59,317	4,240,000	25,000	410,000	4,650,000
1904	267,372	89,002	4,950,000	38,000	490,000	5,440,000
1905	256,173	80,180	4,660,000	33,000	530,000	5,190,000
1906	283,000	62,830	4,380,000	30,000	450,000	4,830,000
1907	265,000	57,736	4,150,000	29,000	510,000	4,660,000
1908	265,000	71,923	3,890,000	35,000	560,000	4,450,000
1909	263,000	62,936	5,020,000	30,000	740,000	5,760,000
1910	257,000	68,437	5,550,000	33,000	920,000	6,470,000
1911	308,000	96,426	5,510,000	46,000	740,000	6,250,000
1912	224,000	60,248	3,660,000	28,000	530,000	4,190,000
1913[2]	.....	69,135	.....	.....	.....	.....

GEORGIA.

1901	4,006,199	1,393,054	52,620,000	640,000	8,000,000	60,620,000
1902	3,863,542	1,499,862	57,900,000	682,000	11,100,000	69,000,000
1903	4,048,912	1,327,696	74,910,000	606,000	9,830,000	84,740,000
1904	4,227,188	1,992,757	80,240,000	902,000	11,720,000	91,960,000
1905	3,738,703	1,759,083	89,510,000	804,000	13,270,000	102,780,000
1906	4,610,000	1,667,866	78,000,000	712,000	10,790,000	88,790,000
1907	4,774,000	1,901,576	101,680,000	816,000	15,110,000	116,790,000
1908	4,848,000	2,026,999	86,780,000	867,000	15,090,000	101,870,000
1909	4,883,000	1,901,830	125,770,000	812,000	22,270,000	148,040,000
1910	4,873,000	1,867,915	126,450,000	795,000	24,090,000	150,540,000
1911	5,504,000	2,874,608	131,450,000	1,246,000	22,880,000	154,330,000
1912	5,335,000	1,888,963	103,540,000	798,000	18,260,000	121,800,000
1913[2]	.....	2,456,249	.....	.....	.....	.....

[1] The figures represent running bales, counting round as half bales. [2] Preliminary figures.

No. 97.—Cotton Crop in Specified Years, 1901 to 1913: 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.*
1901	1,586,124	852,448	33,760,000	405,000	5,060,000	38,820,000
1902	1,617,586	886,365	34,660,000	423,000	5,710,000	40,370,000
1903	1,642,463	836,334	48,050,000	395,000	7,400,000	55,450,000
1904	1,745,865	1,107,271	45,150,000	521,000	7,260,000	52,410,000
1905	1,561,774	523,871	26,880,000	246,000	3,930,000	30,810,000
1906	1,789,000	979,270	47,370,000	440,000	5,450,000	52,820,000
1907	1,622,000	679,782	37,070,000	300,000	4,800,000	41,870,000
1908	1,550,000	481,979	20,790,000	209,000	3,430,000	24,220,000
1909	957,000	269,573	17,310,000	112,000	3,280,000	20,590,000
1910	975,000	256,375	17,250,000	109,000	2,880,000	20,130,000
1911	1,075,000	399,418	17,830,000	171,000	3,180,000	21,010,000
1912	929,000	392,720	21,670,000	167,000	3,700,000	25,370,000
1913[3]	.....	457,057	.....	.....	.....	.....

MISSISSIPPI.

1901	3,193,570	1,280,307	50,290,000	610,000	7,630,000	57,920,000
1902	3,183,989	1,451,750	56,660,000	692,000	10,090,000	66,750,000
1903	3,327,960	1,441,718	83,400,000	686,000	12,840,000	96,240,000
1904	3,632,458	1,808,617	74,510,000	861,000	13,410,000	87,920,000
1905	3,051,265	1,198,568	62,750,000	574,000	8,890,000	71,640,000
1906	3,408,000	1,521,491	73,350,000	680,000	8,440,000	81,790,000
1907	3,220,000	1,478,689	80,490,000	652,000	10,110,000	90,600,000
1908	3,395,000	1,668,461	73,210,000	736,000	11,510,000	84,720,000
1909	3,400,000	1,109,580	74,020,000	481,000	14,190,000	88,210,000
1910	3,317,000	1,254,419	88,830,000	561,000	16,100,000	104,930,000
1911	3,340,000	1,215,784	55,820,000	535,000	10,710,000	66,530,000
1912	2,889,000	1,049,604	60,380,000	465,000	11,340,000	71,720,000
1913[3]	.....	1,309,679	.....	.....	.....	.....

MISSOURI.[2]

1901	55,183	30,851	1,020,000	15,000	190,000	1,210,000
1902	61,830	44,592	1,720,000	21,000	330,000	2,050,000
1903	68,529	38,623	2,250,000	18,000	340,000	2,590,000
1904	79,403	53,394	2,220,000	25,000	380,000	2,600,000
1905	66,444	44,205	2,310,000	20,000	320,000	2,630,000
1906	91,000	57,476	2,720,000	25,000	330,000	3,050,000
1907	71,000	40,751	2,140,000	17,000	260,000	2,400,000
1908	87,000	65,683	2,850,000	29,000	390,000	3,240,000
1909	106,000	52,152	3,240,000	22,000	600,000	3,840,000
1910	109,000	75,497	4,900,000	31,000	800,000	5,700,000
1911	141,000	118,783	5,300,000	51,000	1,040,000	6,340,000
1912	112,000	71,351	3,870,000	30,000	680,000	4,550,000
1913[3]	.....	105,125	.....	.....	.....	.....

NORTH CAROLINA.

1901	1,112,260	456,863	16,610,000	200,000	2,500,000	19,110,000
1902	1,075,743	576,670	21,510,000	262,000	4,510,000	26,020,000
1903	1,155,028	563,694	30,660,000	252,000	4,720,000	35,380,000
1904	1,306,968	758,846	29,040,000	335,000	5,020,000	34,060,000
1905	1,085,568	664,934	32,300,000	295,000	5,020,000	37,320,000
1906	1,374,000	626,642	27,650,000	257,000	5,000,000	32,650,000
1907	1,408,000	652,930	33,080,000	268,000	5,580,000	38,660,000
1908	1,458,000	701,356	28,500,000	286,000	5,380,000	33,880,000
1909	1,274,000	649,886	40,920,000	266,000	7,940,000	48,860,000
1910	1,478,000	774,752	49,430,000	312,000	9,920,000	59,350,000
1911	1,624,000	1,156,407	49,720,000	476,000	9,090,000	58,810,000
1912	1,545,000	935,080	49,750,000	383,000	9,230,000	58,980,000
1913[3]	.....	869,903	.....	.....	.....	.....

[1] The figures represent running bales, counting round as half bales.
[2] Includes statistics for other cotton-producing localities not named.
[3] Preliminary figures.

No. 97.—Cotton Crop in Specified Years, 1901 to 1913: 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.*
1901	837,673	374,627	15,260,000	185,000	2,310,000	17,570,000
1902	1,017,090	538,352	21,530,000	262,000	4,310,000	25,840,000
1903	1,029,357	464,412	27,160,000	223,000	4,020,000	31,180,000
1904	1,315,663	811,552	33,350,000	335,000	4,820,000	38,170,000
1905	1,234,822	675,562	35,490,000	324,000	3,820,000	39,310,000
1906	1,981,000	893,062	43,050,000	399,000	5,290,000	48,340,000
1907	2,196,000	870,238	47,310,000	383,000	6,660,000	53,970,000
1908	2,311,000	705,200	30,540,000	307,000	4,410,000	34,950,000
1909	1,977,000	573,386	37,230,000	242,000	6,330,000	43,560,000
1910	2,204,000	955,951	64,860,000	410,000	10,090,000	74,950,000
1911	3,050,000	1,055,798	47,380,000	454,000	7,690,000	55,070,000
1912	2,665,000	1,057,125	58,910,000	454,000	8,290,000	67,200,000
1913[2]	.....	880,838	.....	.....	.....	.....

SOUTH CAROLINA.

1901	2,248,569	741,233	27,740,000	330,000	4,120,000	31,860,000
1902	2,205,016	961,822	36,990,000	442,000	7,560,000	44,550,000
1903	2,318,100	829,777	46,260,000	376,000	6,940,000	53,200,000
1904	2,531,875	1,208,180	48,320,000	549,000	8,110,000	56,430,000
1905	2,161,923	1,129,426	56,980,000	515,000	8,880,000	65,860,000
1906	2,389,000	931,726	42,580,000	390,000	7,310,000	49,890,000
1907	2,426,000	1,186,672	62,320,000	499,000	10,340,000	72,660,000
1908	2,545,000	1,242,012	52,330,000	522,000	9,630,000	61,960,000
1909	2,557,000	1,164,809	75,960,000	490,000	13,860,000	89,820,000
1910	2,584,000	1,240,540	82,520,000	518,000	16,110,000	98,630,000
1911	2,800,000	1,729,135	76,520,000	732,000	13,600,000	90,120,000
1912	2,695,000	1,259,762	68,330,000	526,000	12,550,000	80,880,000
1913[2]	.....	1,460,730	.....	.....	.....	.....

TENNESSEE.

1901	737,337	205,287	7,920,000	95,000	1,190,000	9,110,000
1902	754,600	319,244	12,480,000	152,000	2,160,000	14,640,000
1903	783,196	251,016	14,510,000	119,000	2,140,000	16,650,000
1904	881,341	329,627	13,650,000	158,000	2,480,000	16,130,000
1905	757,397	278,364	14,590,000	133,000	2,040,000	16,630,000
1906	814,000	304,054	14,670,000	136,000	1,670,000	16,340,000
1907	749,000	277,114	15,100,000	122,000	1,900,000	17,000,000
1908	754,000	349,525	15,230,000	153,000	2,250,000	17,480,000
1909	783,000	253,397	16,870,000	110,000	3,000,000	19,870,000
1910	765,000	337,596	23,340,000	148,000	4,010,000	27,350,000
1911	837,000	458,342	20,870,000	200,000	3,810,000	24,680,000
1912	783,000	289,731	15,950,000	123,000	2,980,000	18,930,000
1913[2]	.....	401,270	.....	.....	.....	.....

[1] The figures represent running bales, counting round as half bales.
[2] Preliminary figures.

No. 97.—Cotton Crop in Specified Years, 1901 to 1913: 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.*
1901	7,656,312	2,491,394	100,260,000	1,240,000	15,500,000	115,760,000
1902	7,640,531	2,475,881	98,250,000	1,198,000	19,170,000	117,420,000
1903	7,801,578	2,454,616	144,110,000	1,185,000	21,280,000	165,390,000
1904	8,355,491	3,132,505	130,470,000	1,507,000	21,690,000	152,160,000
1905	6,945,501	2,490,128	133,330,000	1,219,000	15,540,000	148,870,000
1906	8,894,000	4,066,472	200,320,000	1,858,000	23,230,000	223,550,000
1907	9,156,000	2,267,293	126,310,000	1,024,000	17,770,000	144,080,000
1908	9,316,000	3,724,575	168,960,000	1,698,000	23,650,000	192,610,000
1909	9,930,000	2,554,520	172,590,000	1,129,000	29,350,000	201,940,000
1910	10,060,000	3,072,932	214,520,000	1,356,000	33,360,000	247,880,000
1911	10,943,000	4,297,248	197,500,000	1,893,000	33,410,000	230,910,000
1912	11,338,000	4,888,623	281,740,000	2,171,000	39,690,000	321,430,000
1913[2]	.....	3,946,117	.....	.....	.....	.....

VIRGINIA.

1901	35,145	14,309	420,000	6,000	80,000	500,000
1902	36,843	16,925	610,000	7,000	130,000	740,000
1903	39,864	14,024	760,000	7,000	120,000	880,000
1904	47,199	17,446	670,000	8,000	120,000	790,000
1905	38,664	16,259	780,000	8,000	110,000	890,000
1906	36,000	14,596	660,000	6,000	120,000	780,000
1907	35,000	9,602	510,000	4,000	80,000	590,000
1908	28,000	13,113	540,000	5,000	100,000	640,000
1909	25,000	10,746	690,000	4,000	120,000	810,000
1910	33,000	16,095	1,040,000	7,000	220,000	1,260,000
1911	43,000	31,099	1,380,000	13,000	250,000	1,630,000
1912	47,000	25,499	1,400,000	11,000	270,000	1,670,000
1913[2]	.....	24,485	.....	.....	.....	.....

TOTAL.

1901	27,220,414	9,748,546	381,290,000	4,630,000	57,880,000	439,170,000
1902	27,114,103	10,784,473	421,690,000	5,092,000	80,210,000	501,900,000
1903	28,016,893	10,015,721	576,500,000	4,716,000	84,050,000	660,550,000
1904	30,053,739	13,697,310	561,100,000	6,427,500	90,930,000	652,030,000
1905	26,117,153	10,725,602	556,830,000	5,060,000	75,470,000	632,300,000
1906	31,374,000	13,305,265	640,310,000	5,913,000	81,340,000	721,650,000
1907	31,311,000	11,325,882	613,630,000	4,952,000	87,330,000	700,960,000
1908	32,444,000	13,432,131	588,810,000	5,904,000	92,420,000	681,230,000
1909	32,044,000	10,386,209	688,350,000	4,462,000	123,740,000	812,090,000
1910	32,403,000	11,965,962	820,320,000	5,175,000	142,860,000	963,180,000
1911	36,045,000	16,109,349	732,420,000	6,997,000	127,420,000	859,840,000
1912	34,283,000	14,090,863	792,240,000	6,104,000	128,390,000	920,630,000
1913[2]	.....	14,594,000	.....	.....	.....	.....

[1] The figures represent running bales, counting round as half bales.
[2] Preliminary figures.

No. 98.—TOBACCO CROP IN CONTINENTAL UNITED STATES, 1903 TO 1913: 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.*
1903	13,234	21,174,400	3,282,032	1,298	850,190	51,862	7,096	5,556,168	344,482	338,304	267,260,160	16,570,130	33,059	21,438,350	1,181,859
1904	12,705	21,407,925	4,838,191	1,155	773,850	41,788	6,244	4,314,604	366,741	277,409	229,417,243	14,682,704	32,067	19,913,607	1,294,384
1905	13,340	23,011,500	3,911,955	1,132	1,018,800	61,128	6,241	5,113,836	306,830	275,874	228,975,420	16,028,279	30,143	19,592,950	1,175,577
1906	14,140	24,532,900	4,415,922	1,075	881,500	61,705	12,000	10,980,000	746,640	290,000	252,300,000	19,427,100	29,540	17,724,000	1,205,232
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

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.*
1903	4,993	6,990,200	838,824	2,012	1,404,376	126,394	7,960	8,955,000	716,400	214,878	134,728,506	8,487,896	60,431	51,064,195	3,676,622
1904	4,444	7,510,360	1,396,927	1,771	1,108,646	94,235	5,492	6,288,340	628,834	143,968	98,618,080	8,431,155	59,827	50,793,123	4,063,450
1905	4,488	8,302,800	1,403,173	1,665	1,295,370	103,630	6,151	7,061,348	741,442	136,770	83,156,160	7,317,742	59,229	50,344,650	4,228,951
1906	4,712	8,246,000	1,525,510	1,498	1,093,540	98,419	7,074	8,842,500	1,220,265	120,358	69,807,640	6,980,764	70,000	74,200,000	8,533,000
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	30,938,000	81,900	61,425,000	7,002,000

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

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.*
1903	15,887	22,495,992	1,642,207	40,149	24,490,890	1,249,035	71,198	49,838,660	3,737,895	162,300	120,913,500	7,375,724
1904	14,457	18,635,073	1,658,521	11,643	8,185,029	671,172	47,703	34,823,190	2,019,745	133,086	96,487,350	7,140,064
1905	15,324	20,993,880	2,267,339	12,574	9,254,464	805,138	41,502	31,873,536	2,390,515	118,447	79,951,725	6,076,331
1906	26,000	35,750,000	4,897,750	13,400	8,978,000	942,690	43,400	34,069,000	2,555,175	108,971	73,555,425	6,031,545
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	25,035,000	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

Calendar year.	West Virginia.			Wisconsin.			All other.			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.*
1903	4,395	2,812,800	174,394	51,812	69,946,200	4,756,342	8,729	6,002,898	1,302,529	1,037,735	815,972,425	55,514,627
1904	4,087	2,901,770	246,650	40,931	52,473,542	4,092,936	9,420	6,809,007	1,665,462	806,409	660,460,739	53,382,959
1905	4,005	3,163,950	268,936	39,294	53,832,780	5,383,278	9,930	6,090,550	1,048,824	776,112	633,033,719	53,519,068
1906	4,005	3,123,900	287,399	39,000	49,725,000	6,712,875	10,926	8,619,125	2,590,656	796,099	682,428,530	68,232,647
1907	4,800	3,456,000	346,000	35,100	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

No. 99.—WOOL: Number of Sheep at Shearing Age, Apr. 1, 1912 and 1913, and Quality and Production of Wool, Washed and Unwashed and Scoured, Average Weight of Fleece, Per Cent of Shrinkage, Calendar Year 1913, Value of Scoured Wool Per Pound, Oct. 1, 1912 and 1913, with Value of Wool Product on Oct. 1, 1913, by States.

[Source: Bulletin of the National Association of Wool Manufacturers.]

State.	Quality.	Sheep of shearing age, Apr. 1, 1912.	Sheep of shearing age, Apr. 1, 1913.	Average weight of fleece, 1913.	Per cent of shrinkage, 1913.	Wool, washed and unwashed, 1913.	Wool, scoured, 1913.	Average value per scoured pound, Oct. 1—[1]		Total value, Oct. 1, 1913.[1]
								1912	1913	
		Number.	*Number.*	*Pounds.*		*Pounds.*	*Pounds.*	*Cents.*	*Cents.*	*Dollars.*
Alabama	Medium	115,000	115,000	3.25	38	373,750	231,725	50	38	88,056
Arizona	Fine, fine medium, and medium	850,000	775,000	6.50	66	5,037,500	1,712,750	57	48	822,120
Arkansas	Medium	100,000	100,000	4.10	40	400,000	240,000	49	36	86,400
California	33 per cent fall, 67 per cent spring	1,700,000	1,600,000	7.00	67	11,200,000	3,696,000	56	45	1,663,200
Colorado	Fine, fine medium, and medium	1,200,000	1,075,000	6.75	67	7,256,250	2,394,563	56	43	1,029,662
Connecticut	Medium	15,000	15,000	5.70	42	85,500	49,590	53	37	18,348
Delaware	do	5,000	5,000	5.30	44	26,500	14,840	53	36	5,342
Florida	do	95,000	100,000	3.25	38	325,000	201,500	50	38	76,570
Georgia	do	175,000	175,000	3.50	42	612,500	355,250	53	39	138,548
Idaho	Fine, fine medium, and medium	2,100,000	1,900,000	7.50	64	14,250,000	5,130,000	57	44	2,257,200
Illinois	25 per cent fine, 75 per cent medium	675,000	650,000	6.50	47	4,225,000	2,239,250	51	40	895,700
Indiana	15 per cent fine, 85 per cent medium	825,000	800,000	6.50	46	5,200,000	2,808,000	52	40	1,123,200
Iowa	30 per cent fine, 70 per cent medium	850,000	820,000	6.75	48	5,535,000	2,878,200	54	40	1,151,280
Kansas	Fine, fine medium, and medium	225,000	210,000	6.75	65	1,417,500	496,125	57	46	228,218
Kentucky	Medium	775,000	775,000	4.60	37	3,565,000	2,245,950	53	38	853,461
Louisiana	do	140,000	140,000	3.50	38	490,000	303,800	50	38	115,444
Maine	10 per cent fine, 90 per cent medium	150,000	150,000	6.25	42	937,500	543,750	51	39	212,063
Maryland	Medium	128,000	128,000	5.50	44	704,000	394,240	53	36	141,926
Massachusetts	do	23,000	23,000	6.25	42	143,750	83,375	52	37	30,849
Michigan	25 per cent fine, 75 per cent medium	1,500,000	1,200,000	7.00	49	8,400,000	4,284,000	52	41	1,756,440
Minnesota	20 per cent fine, 80 per cent medium	450,000	440,000	6.75	48	2,970,000	1,544,400	50	37	571,428
Mississippi	Medium	150,000	150,000	3.75	39	562,500	343,125	50	38	130,388
Missouri	15 per cent fine, 85 per cent medium	1,100,000	1,050,000	6.75	45	7,087,500	3,898,125	53	38	1,481,288
Montana	Fine, fine medium, and medium	4,300,000	4,200,000	7.50	63	31,500,000	11,655,000	58	47	5,477,850
Nebraska	do	275,000	260,000	6.70	63	1,742,000	644,540	57	46	296,488

Nevada	do	825,000	800,000	7.50	69	6,000,000	1,860,000	62	50	930,000
New Hampshire	25 per cent fine, 75 per cent medium	33,000	33,000	6.50	48	214,500	111,540	53	40	44,616
New Jersey	Medium	17,000	17,000	5.40	46	91,800	49,572	52	38	18,837
New Mexico	Fine, fine medium, and medium	2,900,000	2,700,000	6.50	65	17,550,000	6,142,500	56	44	2,702,700
New York	30 per cent fine, 70 per cent medium	625,000	550,000	6.50	47	3,575,000	1,894,750	52	40	757,900
North Carolina	Medium	150,000	150,000	3.75	42	562,500	326,250	48	38	123,975
North Dakota	Fine, fine medium, and medium	250,000	240,000	7.00	62	1,680,000	638,400	57	46	294,664
Ohio	65 per cent fine, 35 per cent medium	2,700,000	2,300,000	6.50	50	14,950,000	7,475,000	54	48	3,588,000
Oklahoma	Fine, fine medium, and medium	60,000	55,000	6.50	67	357,500	117,975	55	50	58,988
Oregon	do	2,150,000	1,950,000	8.50	69	16,575,000	5,138,250	59	49	2,517,743
Pennsylvania	60 per cent fine, 40 per cent medium	650,000	648,000	6.50	48	4,212,000	2,190,240	54	44	963,706
Rhode Island	Medium	5,000	5,000	6.00	42	30,000	17,400	52	37	6,438
South Carolina	do	30,000	30,000	3.60	42	108,000	62,640	50	38	23,803
South Dakota	Fine, fine medium, and medium	475,000	450,000	7.00	62	3,150,000	1,197,000	57	46	550,620
Tennessee	Medium	475,000	465,000	4.20	42	1,953,000	1,132,740	53	39	441,769
Texas	25 per cent fall, 75 per cent spring	1,400,000	1,350,000	6.50	66	8,775,000	2,983,500	57	44	1,312,740
Utah	Fine, fine medium, and medium	1,750,000	1,900,000	7.25	66	13,775,000	4,683,500	54	43	2,013,905
Vermont	20 per cent fine, 80 per cent medium	90,000	85,000	6.75	50	573,750	286,875	54	40	114,750
Virginia	Medium	450,000	445,000	4.50	36	2,002,500	1,281,600	56	39	499,824
Washington	Fine, fine medium, and medium	400,000	375,000	9.10	70	3,412,500	1,023,750	56	43	440,213
West Virginia	75 per cent fine, 25 per cent medium	575,000	575,000	5.50	48	3,162,500	1,644,500	56	46	756,470
Wisconsin	20 per cent fine, 80 per cent medium	650,000	640,000	6.70	45	4,288,000	2,358,400	53	28	396,192
Wyoming	Fine, fine medium, and medium	3,900,000	3,600,000	8.30	69	29,880,000	9,262,800	56	44	4,075,632
Grand total		38,481,000	36,319,000	6.95	60	252,675,300	100,267,080	55.2	43.6	43,785,054
Pulled wool					27	43,500,000	31,755,000	56	43.4	13,797,900
Total product, 1913						296,175,300	132,022,080	[2] 55.2	[2] 43.6	57,582,594

[1] Market value in Boston.

[2] The average value, unscoured, was 22.4 cents in 1912 and 17.3 cents in 1913.

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.[1]	
			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 1912, AND IN 1913 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	10,000	50,000	58,000	1.15	5.0	5.80
Iowa	28,000	263,000	323,000	1.23	9.4	11.54
Kansas	50,000	300,000	348,000	1.16	6.0	6.96
Minnesota	350,000	3,150,000	3,874,000	1.23	9.0	11.07
Missouri	10,000	50,000	58,000	1.15	5.0	5.80
Montana	400,000	3,600,000	4,140,000	1.15	9.0	10.35
Nebraska	9,000	54,000	59,000	1.10	6.0	6.56
North Dakota	1,000,000	7,200,000	8,712,000	1.21	7.2	8.71
South Dakota	425,000	3,060,000	3,672,000	1.20	7.2	8.64
Wisconsin	9,000	126,000	155,000	1.23	14.0	17.22
Total, 1913	2,291,000	17,853,000	21,399,000	1.20	7.8	9.34
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

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	29,539,668	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.	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	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	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	40,028,825	62,328,010	22,299,185	55.7

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

No. 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.
	Dollars.	*Dollars.*	*Dollars.*	
Cereals:				
Corn	828,192,388	1,438,553,919	610,361,531	73.7
Oats	217,098,584	414,697,422	197,598,838	91.0
Wheat	369,945,320	657,656,801	287,711,481	77.8
Barley	41,631,762	92,458,571	50,826,809	122.1
Buckwheat	5,747,853	9,330,592	3,582,739	62.3
Rye	12,290,540	20,421,812	8,131,272	66.2
Kafir corn and milo maize	1,367,040	10,816,940	9,449,900	691.3
Emmer and spelt	.....	5,584,050	5,584,050	.....
Rice (rough)	6,329,562	16,019,607	9,690,045	153.1
Total	1,482,603,049	2,665,539,714	1,182,936,665	79.8
Other grains and seeds:				
With acreage reports—				
Dry edible beans	7,633,636	21,771,482	14,137,846	185.2
Other beans	134,084	241,060	106,976	79.8
Dry peas	7,908,966	10,963,739	3,054,773	38.6
Peanuts	7,270,515	18,271,929	11,001,414	151.3
Flaxseed	19,624,901	28,970,554	9,345,653	47.6
Miscellaneous seeds	196,573	768,625	572,052	291.0
Total	42,768,675	80,987,389	38,218,714	89.4
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	51,823,111	97,536,085	45,712,974	88.2
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	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	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	43.1
Hemp	546,338	412,699	−133,639	−24.5
Hops	4,081,929	7,844,745	3,762,816	92.2
All other	387,580	595,674	208,094	53.7
Total	8,604,261	13,987,552	5,383,291	62.6
Without acreage reports	789,958	4,081,106	3,291,148	416.6
Total	9,394,219	18,068,658	8,674,439	92.3
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	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	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	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	[1] 1,949,931	4,447,674	2,497,743	128.1
Total	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	2,768,339,509	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 INCREASES AND PERCENTAGES, 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	.....
Total increase, 1900–1910: [1]										
Number	3,687,104	−5,653,184	1,812,001	1,041,617	12,188	2,865,806	−5,212,519	−8,896,266	1,080,843	.....
Per cent	20.4	− 8.2	8.5	30.3	11.1	11.6	− 8.1	− 14.4	55.5	.....
On farms—										
Number	3,489,799	−5,915,544	1,566,093	945,154	11,533	2,522,780	−4,682,365	−9,055,852	1,044,526	.....
Per cent	20.4	− 8.7	8.6	29.0	12.2	11.7	− 7.4	− 14.7	55.8	.....
Not on farms—										
Number	197,305	262,360	245,908	96,463	655	343,026	− 530,154	159,586	36,317	.....
Per cent	20.3	16.2	8.4	55.5	4.1	11.0	− 29.2	69.0	46.4	.....
Per cent of total, 1910:										
On farms	94.6	97.0	86.2	94.0	86.5	87.4	97.8	99.3	96.2	.....
Not on farms	5.4	3.0	13.8	6.0	13.5	12.6	2.2	0.7	3.8	.....
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:										
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

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

No. 108.—NUMBER AND VALUE OF SPECIFIED FARM ANIMALS: 1889 TO 1914.

[Source: Reports of the Department of Agriculture.]

January 1—	Horses.		Mules.		Milch cows.	
	Number.	Value.	Number.	Value.	Number.	Value.
		Dollars.		*Dollars.*		*Dollars.*
1889	13,663,294	982,194,827	2,257,574	179,444,481	15,298,625	366,226,376
1890	14,213,837	978,516,562	2,331,027	182,394,099	15,952,883	358,152,133
1891	14,056,750	941,823,222	2,296,532	178,847,370	16,019,591	346,597,900
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	146,232,811	16,487,400	358,998,661
1895	15,893,318	576,730,580	2,333,108	110,927,834	16,504,629	362,601,729
1896	15,124,057	500,140,186	2,278,946	103,204,457	16,137,586	363,955,545
1897	14,364,667	452,649,396	2,215,654	92,302,090	15,941,727	369,239,993
1898	13,960,911	478,362,407	2,190,282	96,109,516	15,840,886	434,813,826
1899	13,665,307	511,074,813	2,134,213	95,963,261	15,990,115	474,233,926
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	18,718,573	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

January 1—	Oxen and other cattle.		Sheep.		Swine.		Total value farm animals.
	Number.	Value.	Number.	Value.	Number.	Value.	
		Dollars.		*Dollars.*		*Dollars.*	*Dollars.*
1889	35,032,417	597,236,812	42,599,079	90,640,369	50,301,592	291,307,193	2,507,050,058
1890	36,849,024	560,625,137	44,336,072	100,659,761	51,602,780	243,418,336	2,418,766,028
1891	36,875,648	544,127,908	43,421,136	108,397,447	50,625,106	210,193,923	2,329,787,770
1892	37,651,239	570,749,155	44,938,365	116,121,290	52,898,019	241,031,415	2,461,755,698
1893	35,954,196	547,882,204	47,273,553	125,909,264	46,094,807	295,426,492	2,483,506,681
1894	36,608,168	536,789,747	45,048,017	89,186,110	45,206,498	270,384,626	2,170,816,754
1895	34,364,216	482,999,129	42,294,064	66,685,767	44,165,716	219,501,267	1,819,446,306
1896	32,085,409	508,928,416	38,298,783	65,167,785	42,842,759	186,529,745	1,727,926,084
1897	30,508,408	507,929,421	36,818,643	67,020,942	40,600,276	166,272,770	1,655,414,612
1898	29,264,197	612,296,634	37,656,960	92,721,133	39,759,993	174,351,409	1,888,654,925
1899	27,994,225	637,931,135	39,114,453	107,697,530	38,651,631	170,109,743	1,997,010,407
1900	27,610,054	689,486,260	41,883,065	122,665,913	37,079,356	185,472,321	2,228,123,134
1901[1]	45,500,213	906,644,003	59,756,718	178,072,476	56,982,142	353,012,143	3,011,254,076
1902	44,727,797	839,126,073	62,039,091	164,446,091	48,698,890	342,120,780	2,989,170,150
1903	44,659,206	824,054,902	63,964,876	168,315,750	46,922,624	364,973,688	3,102,515,540
1904	43,629,498	712,178,134	51,630,144	133,530,099	47,009,367	289,224,627	2,998,247,479
1905	43,669,443	661,571,308	45,170,423	127,331,850	47,320,511	283,254,978	3,006,580,737
1906	47,067,656	746,171,709	50,631,619	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	863,754,000	56,094,000	192,632,000	54,147,000	354,794,000	4,525,259,000
1910	47,279,000	917,453,000	57,216,000	233,664,000	47,782,000	436,603,000	5,138,486,000
1911	39,679,000	815,184,000	58,638,000	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

[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, CENSUS YEARS 1850 TO 1910; CHEESE PRODUCED, CENSUS YEARS 1860 TO 1910; MILK SOLD, CENSUS YEARS 1880, 1900, AND 1910, AND MILK PRODUCED, CENSUS YEARS 1890, 1900, AND 1910, BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce. Figures for 1850, 1860, and 1870 relate to farms and ranges; those of later censuses include factory product also.]

BUTTER.

State.	1850[1]	1860[1]	1870[1]	1880[1]	1890[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	4,640,559	5,439,765	4,499,572	7,424,485	14,483,323
Hawaii[3]	.....	.....	.....	.....	.....
Idaho	.....	.....	111,480	314,244	1,091,753
Illinois	12,526,543	28,052,551	36,083,405	60,208,972	82,674,908
Indiana	12,881,535	18,306,651	22,915,385	37,712,316	50,154,854
Indian Territory[2]	.....	.....	.....	.....	.....
Iowa	2,171,188	11,953,666	27,512,179	61,665,071	126,036,219
Kansas	.....	1,093,497	5,022,758	21,683,244	50,434,952
Kentucky	9,947,523	11,716,609	11,874,978	18,261,004	29,038,406
Louisiana	683,069	1,444,742	322,405	916,089	2,089,774
Maine	9,243,811	11,687,781	11,636,482	14,109,966	16,999,356
Maryland	3,806,160	5,265,295	5,014,729	7,715,196	10,846,879
Massachusetts	8,071,370	8,297,936	6,559,161	9,799,804	10,410,300
Michigan	7,065,878	15,503,482	24,400,185	38,865,106	52,343,212
Minnesota	1,100	2,957,673	9,522,010	19,244,835	48,677,504
Mississippi	4,346,234	5,006,610	2,613,521	7,454,657	12,988,637
Missouri	7,834,359	12,704,837	14,455,825	28,712,988	44,638,168
Montana	.....	.....	408,080	412,738	1,062,185
Nebraska	.....	342,541	1,539,535	9,790,970	33,894,861
Nevada	.....	7,700	110,880	338,088	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 relate to calendar years preceding those in which the censuses were taken.
[2] Not reported prior to 1900. [3] Acquired in 1898. [4] Dakota Territory prior to 1890.
[5] Included in Dakota Territory prior to 1890.
[6] In 1850 and 1860 Virginia included West Virginia.
[7] For States and Territories included in each division, see note 5, p. 25.

No. 109.—BUTTER, CHEESE, AND MILK: BUTTER PRODUCED, CENSUS YEARS 1850 TO 1910; CHEESE PRODUCED, CENSUS YEARS 1860 TO 1910; MILK SOLD, CENSUS YEARS 1880, 1900, AND 1910, AND MILK PRODUCED, CENSUS YEARS 1890, 1900, AND 1910, ETC.—Continued.

BUTTER—Continued.

State.	1900[1]	1905[1]	1910[1]		
		In factories.	On farms.	In factories.	Total.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Alabama	19,139,321	.....	29,550,595	(2)	(2)
Alaska	200	.....	.....	.....	.....
Arizona	803,394	799,433	325,980	1,053,869	1,379,849
Arkansas	21,753,833	127,309	29,907,337	360,834	30,268,171
California	34,000,497	26,837,386	15,301,871	37,283,450	52,585,321
Colorado	6,499,121	5,054,006	5,856,132	6,351,691	12,207,823
Connecticut	8,480,194	2,903,277	3,498,551	1,950,935	5,449,486
Delaware	2,599,838	644,823	1,563,161	627,300	2,190,461
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
Hawaii[3]	118,871	.....	.....	.....	.....
Idaho	2,952,886	671,783	3,542,135	2,357,386	5,899,521
Illinois	86,548,762	27,339,925	46,609,992	24,570,976	71,180,968
Indiana	54,595,879	4,742,632	43,181,817	11,712,450	54,894,267
Indian Territory	5,105,715	.....	.....	.....	.....
Iowa	130,022,552	71,181,766	38,679,568	88,582,187	127,261,755
Kansas	59,837,255	16,488,131	29,647,881	18,712,568	48,360,449
Kentucky	30,631,044	239,061	38,130,687	549,929	38,680,616
Louisiana	4,918,229	.....	6,232,006	(2)	(2)
Maine	20,635,572	5,005,907	13,299,229	2,105,622	15,404,851
Maryland	11,638,378	1,816,433	8,739,620	1,118,530	9,858,150
Massachusetts	9,572,181	3,470,323	3,364,516	1,888,307	5,252,823
Michigan	67,872,710	21,013,000	50,405,426	35,511,760	85,917,186
Minnesota	82,363,315	62,122,554	34,708,669	88,842,846	123,551,515
Mississippi	(2)	.....	28,730,685	.....	28,730,685
Missouri	46,949,726	5,806,724	42,105,143	10,261,876	52,367,019
Montana	2,488,310	(1)	2,820,574	1,307,777	4,128,351
Nebraska	46,244,839	16,035,468	25,986,931	23,973,162	49,960,093
Nevada	1,192,925	758,184	403,885	1,039,784	1,443,669
New Hampshire	11,419,881	3,098,889	5,065,188	1,740,235	6,805,423
New Jersey	7,219,882	1,178,846	3,622,411	768,857	4,391,268
New Mexico	313,003	.....	1,477,617	(2)	(2)
New York	115,408,222	58,256,504	23,461,702	45,897,216	69,358,918
North Carolina	16,913,802	.....	26,059,585	.....	26,059,585
North Dakota[5]	9,642,003	3,013,151	16,414,439	3,683,679	20,098,118
Ohio	87,638,930	11,591,981	63,569,132	17,491,251	81,060,383
Oklahoma	8,834,559	416,100	27,056,242	4,110,978	31,167,220
Oregon	10,082,807	5,080,599	5,667,964	8,472,660	14,140,624
Pennsylvania	111,368,246	35,754,841	61,158,115	30,484,217	91,642,332
Rhode Island	636,281	(1)	339,607	(2)	(2)
South Carolina	8,150,437	.....	12,329,567	.....	12,329,567
South Dakota[6]	23,573,077	11,058,460	13,629,647	9,495,608	23,125,255
Tennessee	29,299,519	41,889	39,827,906	.....	39,827,906
Texas	48,244,206	266,806	64,993,214	2,133,590	67,126,804
Utah	5,331,336	3,586,547	2,497,366	3,722,784	6,220,150
Vermont	41,288,087	27,256,874	15,165,692	20,227,495	35,393,187
Virginia	20,076,351	81,803	26,651,244	158,853	26,810,097
Washington	10,570,527	7,722,911	6,751,575	11,302,591	18,054,166
West Virginia	16,954,129	(1)	18,969,699	(2)	(2)
Wisconsin	106,552,649	89,155,975	27,200,509	103,884,684	131,085,193
Wyoming	(2)	[7] 723,940	1,192,122	783,585	1,975,707
Total	[8]1,491,871,673	531,478,141	994,650,610	624,764,653	1,619,415,263
Geographic divisions.[9]					
New England	92,032,196	41,735,270	40,732,783	(2)	(2)
Middle Atlantic	233,986,350	95,190,191	88,242,228	77,150,290	165,392,518
East North Central	403,208,930	153,843,513	230,966,876	193,171,121	424,137,997
West North Central	407,632,767	185,706,254	201,172,278	243,551,926	444,724,204
South Atlantic	92,883,312	2,676,959	123,270,552	(2)	(2)
East South Central	(2)	280,950	136,239,873	(2)	(2)
West South Central	88,856,542	810,215	128,188,799	(2)	(2)
Mountain	(2)	11,593,893	18,115,811	(2)	(2)
Pacific	54,653,831	39,640,896	27,721,410	57,058,701	84,780,111

[1] Figures of production relate to calendar years preceding those in which the censuses were taken. Figures for 1850, 1860, and 1870 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 1890.

[6] Included in Dakota Territory prior to 1890.

[7] All other States, including Wyoming. In 1890 includes some of the States for which no figures appear in the table.

[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. 25.

No. 109.—BUTTER, CHEESE, AND MILK: BUTTER PRODUCED, CENSUS YEARS 1850 TO 1910; CHEESE PRODUCED, CENSUS YEARS 1860 TO 1910; MILK SOLD, CENSUS YEARS 1880, 1900, AND 1910, AND MILK PRODUCED, CENSUS YEARS 1890, 1900, AND 1910, ETC.—Continued.

CHEESE.

State.	1860 [1]	1870 [1]	1880 [1]	1890 [1]		
				On farms.	In factories.	Total.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Alabama	15,923	2,732	14,091	6,131	.....	6,131
Alaska [2]	.....	.....	.....	.....	.....	.....
Arizona	.....	14,500	36,060	10,855	.....	10,855
Arkansas	16,810	2,119	26,301	21,328	.....	21,328
California	1,343,689	3,395,074	3,720,739	3,871,575	1,091,222	4,962,797
Colorado	.....	37,626	75,367	87,183	44,500	131,683
Connecticut	3,898,411	2,262,894	1,051,677	112,566	195,955	308,521
Delaware	6,579	315	1,712	359	.....	359
District of Columbia	.....	.....	155,460	.....	.....	.....
Florida	5,280	25	2,406	1,731	.....	1,731
Georgia	15,587	4,292	19,151	12,833	.....	12,833
Hawaii [3]	.....	.....	.....	.....	.....	.....
Idaho	.....	4,464	117,295	207,213	116,640	323,853
Illinois	1,848,557	5,734,004	21,253,194	343,456	10,005,477	10,348,933
Indiana	605,795	391,487	1,676,825	360,948	830,552	1,191,500
Indian Territory [2]	.....	.....	.....	.....	.....	.....
Iowa	918,635	1,344,647	3,852,801	1,038,358	4,705,576	5,743,934
Kansas	29,045	241,607	1,275,371	759,210	1,974,136	2,733,346
Kentucky	190,400	361,219	58,468	64,822	.....	64,822
Louisiana	6,153	11,747	7,618	3,939	.....	3,939
Maine	1,799,862	1,152,590	1,945,095	696,052	755,761	1,451,813
Maryland	8,342	6,732	79,416	9,573	14,000	23,573
Massachusetts	5,294,090	4,131,309	2,201,393	122,900	262,633	385,533
Michigan	1,641,897	2,321,801	3,953,585	328,682	5,041,778	5,370,460
Minnesota	199,314	271,477	985,329	676,642	3,615,528	4,292,170
Mississippi	4,427	3,099	4,239	4,898	.....	4,898
Missouri	259,633	213,875	873,549	288,620	1,384,397	1,673,017
Montana	.....	27,603	80,070	11,512	.....	11,512
Nebraska	12,342	78,542	554,772	463,831	804,618	1,268,449
Nevada	.....	.....	17,420	51,207	.....	51,207
New Hampshire	2,232,092	872,368	807,076	341,235	103,386	444,621
New Jersey	182,172	478,336	569,736	23,613	563,628	587,241
New Mexico	37,240	27,239	10,501	18,931	.....	18,931
New York	48,548,289	100,776,012	129,163,714	4,324,028	119,762,496	124,086,524
North Carolina	51,119	123,985	57,380	60,760	.....	60,760
North Dakota [4]	.....	1,850	40,137	131,374	49,000	180,374
Ohio	21,618,893	24,153,876	32,531,083	1,068,083	21,185,971	22,254,054
Oklahoma	.....	.....	.....	1,600	.....	1,600
Oregon	105,379	119,333	299,732	265,576	230,540	496,116
Pennsylvania	2,508,556	2,792,676	8,966,737	439,060	5,018,837	5,457,897
Rhode Island	181,511	81,976	67,171	24,631	300,000	324,631
South Carolina	1,543	169	16,018	2,476	.....	2,476
South Dakota [5]	.....	.....	.....	303,951	250,812	554,763
Tennessee	135,575	142,240	107,740	69,919	31,300	101,219
Texas	275,128	34,342	58,466	145,730	.....	145,730
Utah	53,331	69,603	266,749	163,539	13,200	176,739
Vermont	8,215,030	7,814,879	6,129,630	609,586	5,582,327	6,191,913
Virginia [6]	280,852	84,243	111,535	109,187	109,000	218,187
Washington	12,146	17,465	179,200	71,281	249,700	320,981
West Virginia	.....	32,429	196,987	74,372	21,000	95,372
Wisconsin	1,104,300	3,288,581	19,535,324	906,266	53,708,595	54,614,861
Wyoming	.....	.....	2,930	15,196	[7] 12,500	27,696
Total	103,663,927	162,927,382	243,157,860	18,726,818	238,035,065	256,761,883
Geographic divisions. [8]						
New England	21,620,996	16,316,016	12,202,042	1,906,970	7,200,062	9,107,032
Middle Atlantic	51,239,017	104,047,024	138,700,187	4,786,701	125,344,961	130,131,662
East North Central	26,819,442	35,889,749	78,950,611	3,007,435	90,772,373	93,779,808
West North Central	1,418,969	2,151,998	7,581,959	3,661,986	12,784,067	16,446,053
South Atlantic	369,302	252,190	640,065	271,291	144,000	415,291
East South Central	346,325	509,290	184,538	145,770	31,300	177,070
West South Central	298,091	48,208	92,385	172,597	.....	172,597
Mountain	90,571	181,035	606,392	565,636	186,840	752,476
Pacific	1,461,214	3,531,872	4,199,671	4,208,432	1,571,462	5,779,894

[1] Figures relate to calendar years previous to those in which the censuses were taken. Figures for 1860 and 1870 relate to farms and ranges; those of later censuses include factory product also.
[2] Not reported prior to 1900. [3] Acquired in 1898. [4] Dakota Territory prior to 1890.
[5] Included in Dakota Territory prior to 1890.
[6] In 1850 and 1860 Virginia included West Virginia.
[7] All other States, including Wyoming.
[8] For States included in each division, see note 5, p. 25.

No. 109.—BUTTER, CHEESE, AND MILK: BUTTER PRODUCED, CENSUS YEARS 1850 TO 1910; CHEESE PRODUCED, CENSUS YEARS 1860 TO 1910; MILK SOLD, CENSUS YEARS 1880, 1900, AND 1910, AND MILK PRODUCED, CENSUS YEARS 1890, 1900, AND 1910, ETC.—Continued.

CHEESE—Continued.

State.	1900[1]			1905[1]	1910[1]		
	On farms.	In factories.	Total.	In factories.	On farms.	In factories.	Total.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Alabama	36,374	10,000	46,374	.....	5,528	.....	5,528
Alaska	.....	.....	.....	.....	.....	.....	.....
Arizona	33,305	373,752	407,057	161,796	60,690	421,043	481,733
Arkansas	18,885	12,600	30,985	.....	20,435	.....	20,435
California	4,249,588	2,676,543	6,926,131	3,601,051	2,777,873	1,567,640	4,345,513
Colorado	103,184	1,465,257	1,568,441	871,673	69,895	550,622	620,517
Connecticut	40,623	321,263	361,886	(2)	79,156	.....	79,156
Delaware	104	15,000	15,104	(2)	700	(3)	(3)
Dist. of Columbia	.....	.....	.....	.....	.....	.....	.....
Florida	3,751	.....	3,751	.....	322	.....	322
Georgia	2,236	.....	2,236	.....	399	.....	399
Hawaii[4]	12	.....	12	.....	.....	.....	.....
Idaho	196,952	194,380	391,332	132,420	90,675	(3)	(3)
Illinois	323,485	9,055,119	9,378,604	5,301,211	81,918	4,799,235	4,881,153
Indiana	178,733	1,260,168	1,438,901	978,903	63,619	424,597	488,216
Indian Territory	1,227	.....	1,227	.....	.....	.....	.....
Iowa	306,428	4,242,637	4,549,065	2,829,745	78,538	999,559	1,078,097
Kansas	291,445	2,422,710	2,714,155	1,120,863	27,927	(3)	(3)
Kentucky	45,759	28,000	73,759	.....	56,148	.....	56,148
Louisiana	135,104	.....	135,104	.....	190,089	(3)	(3)
Maine	425,102	553,946	979,048	361,850	118,216	55,591	173,807
Maryland	338,453	.....	338,453	.....	259,386	.....	259,386
Massachusetts	19,629	250,542	270,171	(2)	45,753	.....	45,753
Michigan	331,176	10,422,582	10,753,758	16,814,856	291,176	13,382,160	13,673,336
Minnesota	290,623	3,285,019	3,575,642	3,090,055	106,075	2,735,883	2,841,958
Mississippi	28,572	(3)	(3)	.....	13,703	.....	13,703
Missouri	323,439	1,072,751	1,396,190	743,447	159,785	219,112	378,897
Montana	30,924	.....	30,924	(2)	49,988	.....	49,988
Nebraska	264,430	313,600	578,030	158,470	63,773	77,122	140,895
Nevada	94,082	80,150	174,232	33,000	10,245	.....	10,245
New Hampshire	104,339	116,741	221,080	207,149	180,996	184,497	365,493
New Jersey	24,377	100,000	124,377	6,700	77,824	.....	77,824
New Mexico	68,571	.....	68,571	.....	81,869	.....	81,869
New York	2,624,552	127,386,032	130,010,584	132,836,482	390,049	105,194,898	105,584,947
North Carolina	28,883	.....	28,883	.....	39,353	.....	39,353
North Dakota[5]	70,881	225,399	296,280	51,894	22,754	(3)	(3)
Ohio	1,107,001	18,156,527	19,323,528	17,351,773	613,233	11,860,601	12,473,834
Oklahoma	45,264	66,378	111,642	.....	18,968	.....	18,968
Oregon	467,256	1,195,564	1,662,820	2,255,592	169,205	4,218,953	4,388,158
Pennsylvania	857,167	10,267,443	11,124,610	11,453,424	1,442,676	11,234,037	12,676,713
Rhode Island	6,751	.....	6,751	(2)	3,860	.....	3,860
South Carolina	1,081	.....	1,081	.....	12,909	.....	12,909
South Dakota[6]	136,863	420,779	557,642	(2)	14,344	.....	14,344
Tennessee	26,622	6,201	32,823	.....	18,592	.....	18,592
Texas	136,133	58,290	194,423	.....	194,990	(3)	(3)
Utah	169,251	1,874,179	2,043,430	1,629,730	84,102	1,060,122	1,144,224
Vermont	406,659	4,713,105	5,119,764	4,343,160	245,884	2,762,656	3,008,540
Virginia	31,697	57,000	88,697	(2)	97,263	(3)	(3)
Washington	151,669	1,482,127	1,633,796	921,383	52,970	422,290	475,260
West Virginia	74,243	40,860	115,103	(2)	70,473	(3)	(3)
Wisconsin	1,635,618	77,748,680	79,384,298	109,423,856	841,262	148,065,648	148,906,910
Wyoming	24,327	(3)	(3)	[7] 464,389	10,276	(3)	(3)
Total	[8] 16,372,330	281,972,324	[8] 298,344,654	317,144,872	9,405,864	311,126,317	320,532,181
Geographic divisions.[9]							
New England	1,003,103	5,955,597	6,958,700	4,912,159	673,865	3,002,744	3,676,609
Middle Atlantic	3,506,096	137,753,475	141,259,571	144,296,606	1,910,549	116,428,935	118,339,484
East N. Central	3,636,013	116,643,076	120,279,089	149,870,599	1,891,208	178,532,241	180,423,449
West N. Central	1,684,109	11,982,895	13,667,004	7,994,474	473,196	(3)	(3)
South Atlantic	480,448	112,860	593,308	.....	480,805	(3)	(3)
East S. Central	137,327	(3)	(3)	.....	93,971	.....	93,971
West S. Central	336,113	137,268	473,381	.....	424,482	(3)	(3)
Mountain	720,596	(3)	(3)	3,293,008	457,740	(3)	(3)
Pacific[9]	4,868,513	5,354,234	10,222,747	6,778,026	3,000,048	6,208,883	9,208,931

[1] Figures relate to the calendar years previous to those in which the censuses were taken. Figures for 1860 and 1870 relate to farms and ranges; those of later censuses include factory product also.
[2] Included under Wyoming.
[3] Can not be shown separately, as to do so would disclose individual operations.
[4] Acquired in 1898. [5] Dakota Territory prior to 1890. [6] Included in Dakota Territory prior to 1890.
[7] All other States, including Wyoming. In 1890 and 1905 includes some of the States for which no figures appear in the table.
[8] Data for Hawaii included in total, but not under the geographic divisions.
[9] For States included in each division, see note 5, p. 25.

No. 109.—BUTTER, CHEESE, AND MILK: BUTTER PRODUCED, CENSUS YEARS 1850 TO 1910; CHEESE PRODUCED, CENSUS YEARS 1860 TO 1910; MILK SOLD, CENSUS YEARS 1880, 1900, AND 1910, AND MILK PRODUCED, CENSUS YEARS 1890, 1900, AND 1910, ETC.—Continued.

MILK.

State.	Sold.			Produced.		
	1880 [1]	1900 [1]	1910	1890	1900	1910 [3]
	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 [4]	.....	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	19,680,701	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 [5]	.....	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 [4]	.....	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	47,930,088	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	74,025,709	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	67,098,219
New Mexico	10,036	633,638	1,036,922	717,155	3,009,657	6,815,942
New York	231,965,533	445,427,888	524,279,723	663,917,240	772,799,352	597,363,198
North Carolina	446,798	1,826,631	2,380,029	55,250,665	89,525,749	82,601,779
North Dakota [6]	415,119	3,177,971	1,644,150	26,566,112	48,845,280	70,637,899
Ohio	46,801,537	84,543,703	99,430,948	326,925,396	425,870,394	307,590,755
Oklahoma	.....	2,761,471	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 [7]	.....	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	693,490	1,377,607	3,064,588	5,121,974	6,453,634
Total	530,129,755	[8]2,134,915,342	1,937,255,864	5,210,125,567	[8]7,266,392,674	5,813,699,474
Geographic divisions. [9]						
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	1,681,574,330	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 calendar years preceding those in which the censuses were taken.
[2] 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.
[3] Figures relate to 1909 and include only milk reported without estimates.
[4] Not reported prior to 1900.
[5] Acquired in 1898.
[6] Dakota Territory prior to 1890.
[7] Included in Dakota Territory prior to 1890.
[8] Data for Alaska and Hawaii included in total but not in geographic divisions.
[9] For States included in each division, see note 5, p. 25.

No. 110.—CHICKENS AND OTHER FOWLS, AND EGGS PRODUCED, ON FARMS AND RANGES, CENSUS YEARS 1880, 1890, 1900, AND 1910: BY STATES AND BY GEOGRAPHIC DIVISIONS.

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

State.	Chickens.			Other fowls.[1]			Fowls raised.[2]	Eggs produced.			
	1880[2]	1890[2]	1900[3]	1880[2]	1890[2]	1900[3]	1910[4]	1880[2]	1890[2]	1900[5]	1910[5]
	Number.	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Number.*	*Dozens.*	*Dozens.*	*Dozens.*	*Dozens.*
Alabama	2,099,733	6,252,044	4,737,606	916,966	661,757	448,930	12,467,486	6,761,646	10,823,526	18,778,960	22,234,713
Alaska[6]			176							1,043	
Arizona	20,844	57,224	165,200	1,706	4,586	9,322	392,286	72,534	204,174	819,507	1,744,081
Arkansas	1,829,856	6,264,427	5,393,157	881,706	783,678	699,719	10,808,758	6,610,050	13,371,909	25,694,860	27,054,674
California	1,425,991	3,504,251	3,947,200	184,176	482,972	249,068	8,430,968	5,771,323	13,679,423	24,443,540	41,022,395
Colorado	121,327	710,942	968,761	22,477	34,073	48,359	2,706,945	520,820	2,685,109	5,704,290	10,652,396
Connecticut	736,703	1,075,044	1,073,026	45,934	66,760	25,347	2,045,854	5,209,001	5,637,590	7,959,430	8,566,343
Delaware	268,692	900,212	628,866	96,207	131,149	36,416	1,562,370	1,427,087	2,218,754	3,571,870	4,448,482
District of Columbia	6,482	10,543	8,004	500	590	289	15,614	35,836	48,430	42,580	51,945
Florida	439,220	919,601	1,107,816	104,860	81,419	76,404	2,461,358	1,024,106	2,788,991	4,214,186	6,380,956
Georgia	2,266,446	7,357,934	4,549,144	1,176,137	546,010	377,308	14,930,716	7,126,058	11,522,788	15,505,330	20,793,359
Hawaii[7]			31,888			26,255				155,710	
Idaho	65,397	231,547	516,412	20,624	15,176	23,597	1,053,272	268,731	737,813	2,879,590	6,492,270
Illinois	9,910,806	21,463,525	16,600,728	1,615,165	2,505,511	1,136,534	32,352,888	35,978,297	60,351,065	86,402,670	100,119,418
Indiana	5,756,643	12,307,903	11,103,006	1,091,368	1,287,890	846,815	23,067,814	28,823,819	48,621,660	70,782,200	80,755,437
Indian Territory[6]			1,960,505			257,794				6,949,640	
Iowa	7,550,508	20,201,706	18,907,673	989,206	1,749,567	1,135,670	29,990,147	32,253,933	69,448,339	99,621,920	109,760,487
Kansas	3,651,256	15,843,345	11,966,843	746,226	1,133,410	589,342	24,583,465	17,432,286	42,584,975	73,190,590	81,659,304
Kentucky	3,577,023	12,740,559	6,849,079	2,399,042	2,009,924	1,006,389	19,247,287	15,812,205	24,691,437	35,337,340	44,313,377
Louisiana	1,113,342	2,246,207	3,890,503	377,565	291,104	408,916	6,337,010	3,392,246	5,933,700	12,820,290	14,657,544
Maine	944,993	1,411,185	1,564,853	53,748	49,476	20,711	2,601,733	7,059,876	9,384,252	13,304,150	14,935,959
Maryland	1,060,800	3,430,859	2,113,544	396,925	602,279	192,101	5,949,459	4,984,776	8,718,593	12,511,450	15,533,732
Massachusetts	914,374	1,623,605	1,625,269	48,594	84,777	55,424	3,212,339	6,571,553	8,931,398	12,928,630	14,145,240
Michigan	3,859,581	5,852,690	8,033,531	227,433	357,534	371,529	12,877,537	20,762,171	34,309,633	54,318,410	59,915,851
Minnesota	2,098,824	4,448,831	7,730,940	159,561	295,380	411,753	11,862,787	8,234,161	20,354,498	43,208,130	53,807,974
Mississippi	1,935,775	5,631,784	5,194,856	961,958	732,813	643,329	12,069,856	6,364,470	11,393,498	18,942,070	20,542,487
Missouri	6,810,068	22,785,848	14,903,601	2,096,085	2,405,940	1,173,112	31,913,210	28,352,032	53,147,418	85,203,290	111,816,693
Montana	58,244	233,660	531,774	2,160	9,992	24,905	1,432,741	208,794	834,166	3,002,890	6,004,051
Nebraska	1,048,044	7,395,368	7,417,837	191,048	563,655	394,402	15,274,150	7,166,090	23,300,684	41,132,140	46,929,923
Nevada	36,710	62,167	100,661	6,925	7,436	6,877	190,815	120,471	170,725	589,490	870,489

New Hampshire	486,127	934,322	870,461	20,683	30,033	7,478	1,394,654	3,347,211	5,049,150	7,005,180	7,499,470
New Jersey	1,188,492	2,990,698	1,993,594	285,073	296,305	82,920	4,847,288	6,686,142	8,031,571	11,942,550	14,842,859
New Mexico	40,769	60,596	156,853	8,530	2,248	6,162	932,045	238,858	279,664	839,890	2,976,233
New York	6,448,886	8,421,667	8,964,736	496,406	784,464	337,676	13,980,792	31,958,739	45,807,106	62,096,690	72,349,034
North Carolina	2,071,616	7,507,593	3,871,858	897,840	742,820	508,103	15,227,685	7,455,132	11,755,635	17,704,020	23,556,124
North Dakota[8]	278,262	804,388	1,409,285	24,229	55,113	80,095	4,043,481	1,012,613	3,552,664	7,438,400	17,294,322
Ohio	8,780,846	13,659,359	14,269,525	1,159,081	1,208,094	748,827	23,433,005	43,092,291	70,162,240	91,766,630	100,889,599
Oklahoma	----------	388,427	2,527,353	----------	11,140	170,946	16,264,003	----------	989,625	13,724,900	46,000,600
Oregon	435,392	1,180,765	1,290,818	55,503	97,209	82,385	2,655,492	1,654,738	4,453,933	7,709,970	11,906,903
Pennsylvania	6,620,016	10,381,781	10,553,106	740,787	999,604	491,875	17,484,951	34,377,889	50,049,915	67,038,180	74,729,705
Rhode Island	245,070	482,370	500,618	24,689	42,167	19,896	602,335	1,564,934	2,020,714	3,217,310	2,894,081
South Carolina	1,107,954	3,873,798	2,664,784	309,675	317,750	243,535	8,811,348	3,416,846	5,702,141	9,007,700	11,049,468
South Dakota[9]	----------	2,292,866	3,028,700	----------	131,260	149,585	6,186,427	----------	8,777,993	17,349,750	25,067,489
Tennessee	3,482,267	12,062,139	6,184,210	1,922,454	1,570,445	787,527	17,415,208	16,347,482	23,172,313	31,807,990	42,043,104
Texas	3,127,770	11,523,717	13,562,302	1,168,097	1,455,151	1,299,044	25,656,356	11,486,566	32,466,433	58,040,810	77,845,047
Utah	214,733	279,983	534,842	7,863	16,326	21,911	971,917	826,237	1,131,071	3,387,340	4,672,866
Vermont	517,992	789,278	806,451	49,836	96,049	36,712	1,282,524	3,050,131	4,515,130	6,271,880	7,037,082
Virginia	1,987,010	6,576,260	4,590,311	660,147	992,731	451,159	16,290,508	8,950,629	13,557,571	25,550,460	35,100,693
Washington	137,581	779,972	1,196,639	9,548	37,156	160,076	3,722,257	501,448	2,710,520	7,473,790	16,472,575
West Virginia	1,321,886	3,197,447	2,759,585	285,315	525,421	293,486	5,543,096	6,741,893	9,919,974	17,242,400	19,159,008
Wisconsin	3,561,353	5,646,294	8,097,399	294,373	427,518	350,145	10,764,948	15,826,025	29,390,784	46,249,580	50,623,813
Wyoming	10,431	73,694	142,136	736	4,393	7,428	519,169	30,740	332,221	937,570	2,091,716
Total	102,272,135	258,871,125	[10]233,598,085	23,235,187	26,738,315	[10]17,083,588	488,468,354	456,910,916	819,722,916	[10]1,293,819,186	1,591,311,371
Geographic divisions.[11]											
New England	3,845,259	6,315,804	6,700,678	243,484	369,262	165,368	11,139,439	26,802,766	35,538,234	50,686,580	55,078,175
Middle Atlantic	14,257,394	21,794,146	21,241,436	1,522,266	2,080,373	962,471	36,313,031	73,022,770	103,888,592	141,077,420	161,921,598
East North Central	31,869,229	58,929,771	58,104,189	4,387,420	5,786,547	3,453,850	102,496,192	144,482,603	242,775,382	349,519,490	392,304,118
West North Central	22,036,962	73,772,352	65,364,879	4,206,355	6,334,325	3,933,959	123,853,667	94,451,115	221,226,571	367,144,220	446,336,192
South Atlantic	10,530,106	33,774,247	22,293,912	3,927,606	3,940,169	2,178,801	70,792,154	41,102,363	66,232,877	105,349,996	136,073,767
East South Central	11,074,798	36,686,526	22,965,751	6,110,420	4,974,939	2,886,175	61,199,837	45,285,743	70,080,774	104,866,360	129,133,681
West South Central	6,090,968	20,423,478	27,333,880	2,517,368	2,541,073	2,836,419	59,066,127	21,488,862	52,761,667	117,230,500	165,557,865
Mountain	568,455	1,709,813	3,116,639	71,041	94,230	148,561	8,799,190	2,287,185	6,374,943	18,160,567	35,504,102
Pacific	1,998,964	5,464,988	6,434,657	249,227	617,397	491,529	14,808,717	7,927,509	20,843,876	39,627,300	69,401,873

[1] Total number of ducks, geese, and turkeys.
[2] Figures relate to calendar years preceding those in which the censuses were taken.
[3] Including only fowls over 3 months old. Figures relate to the calendar year preceding that of the census.
[4] 1909; figures partly estimated.
[5] Figures partly estimated and relate to the calendar year preceding that of the census.
[6] Not reported prior to 1909.
[7] Acquired in 1898.
[8] Dakota Territory prior to 1890.
[9] Included in Dakota Territory prior to 1890.
[10] Data for Alaska and Hawaii included in totals for United States, but not in those for the geographic divisions.
[11] For States included in each division, see note 5, p. 25.

No. 111.—ORCHARD PRODUCTS: CENSUS YEARS 1900 AND 1910, BY STATES AND BY GEOGRAPHIC DIVISIONS.

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

State.	Apples.[1]		Peaches and nectarines.[1]		Pears.[1]	
	1900	1910	1900	1910	1900	1910
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
Alabama	719,175	888,396	184,543	1,416,584	22,656	100,041
Arizona	13,471	72,814	38,092	50,102	13,197	13,289
Arkansas	2,811,182	2,296,043	333,642	1,901,647	24,503	37,547
California	3,488,208	4,935,073	8,563,427	9,267,118	1,912,825	1,928,097
Colorado	257,563	3,559,094	47,381	692,258	19,272	132,536
Connecticut	3,708,931	1,540,996	61,775	269,990	41,485	41,322
Delaware	702,920	183,094	9,750	16,722	156,208	105,357
District of Columbia	283	2,952	3	3	468	455
Florida	1,866	3,405	92,113	114,998	83,584	98,223
Georgia	670,889	895,613	259,728	2,555,499	49,497	149,667
Idaho	223,662	659,959	17,793	18,734	25,324	42,649
Illinois	9,178,150	3,093,321	66,805	1,222,570	133,745	249,365
Indiana	8,620,278	2,759,134	69,333	1,174,389	231,713	310,925
Indian Territory	222,565	.....	48,730	.....	2,971	.....
Iowa	3,129,862	6,746,668	5,481	23,180	5,014	44,449
Kansas	3,214,407	1,356,438	137,489	24,567	21,978	19,412
Kentucky	6,053,717	7,368,499	34,700	1,623,379	76,940	251,536
Louisiana	68,735	33,875	153,808	290,623	29,405	35,554
Maine	1,421,773	3,636,181	1,895	2,014	11,200	38,904
Maryland	3,150,673	1,822,824	172,303	324,609	301,702	367,359
Massachusetts	3,023,436	2,550,259	27,906	91,756	89,011	96,071
Michigan	8,931,569	12,332,296	339,637	1,686,586	170,702	666,023
Minnesota	120,143	1,044,156	190	599	226	400
Mississippi	249,035	265,841	252,305	1,156,817	36,923	101,288
Missouri	6,496,436	9,968,977	61,006	1,484,548	58,449	142,547
Montana	43,939	567,054	17	128	24	7,543
Nebraska	1,343,497	3,321,073	8,753	110,180	979	6,700
Nevada	10,760	74,449	2,563	3,171	903	4,083
New Hampshire	1,978,797	1,108,424	6,054	23,218	19,341	24,224
New Jersey	4,640,896	1,406,778	620,928	441,440	790,818	463,290
New Mexico	142,332	417,143	76,204	32,533	14,777	29,435
New York	24,111,257	25,409,324	466,850	1,736,483	960,170	1,343,089
North Carolina	4,662,751	4,775,693	373,663	1,344,410	25,521	84,019
North Dakota	1,273	4,374	.....	35	1	8
Ohio	20,617,480	4,663,752	240,686	1,036,340	244,565	374,871
Oklahoma	111,235	742,182	255,933	357,644	1,968	7,450
Oregon	873,980	1,930,926	101,190	179,030	112,225	374,622
Pennsylvania	24,060,651	11,048,430	143,464	1,023,570	434,177	378,825
Rhode Island	339,445	212,908	6,140	17,704	12,452	12,501
South Carolina	251,728	362,800	129,472	643,040	20,439	65,680
South Dakota	17,121	191,784	13	148	157	162
Tennessee	5,387,775	4,640,444	77,678	1,579,019	43,609	83,557
Texas	591,985	168,008	1,400,240	729,631	166,418	110,967
Utah	189,882	350,023	85,315	143,237	59,982	38,654
Vermont	1,176,822	1,459,689	967	2,221	10,239	20,763
Virginia	9,835,982	6,103,941	357,339	243,446	88,400	74,480
Washington	728,978	2,672,100	80,990	84,494	78,236	310,804
West Virginia	7,495,743	4,225,163	18,100	328,901	19,475	29,916
Wisconsin	303,373	2,232,112	209	956	1,540	12,992
Wyoming	989	17,836	.....	5	3	16
Total	175,307,600	146,122,318	15,432,603	35,470,276	6,625,417	8,840,733
Geographic divisions.[2]						
New England	11,649,204	10,508,457	104,787	406,903	183,728	233,845
Middle Atlantic	52,812,804	37,864,532	1,231,242	3,201,493	2,185,165	2,185,204
East North Central	47,650,850	25,080,615	716,670	5,120,841	782,265	1,623,176
West North Central	14,322,739	22,633,470	212,932	1,643,257	86,804	213,678
South Atlantic	26,772,835	18,375,485	1,412,471	5,571,628	745,294	975,162
East South Central	12,409,702	13,163,180	549,226	5,775,799	180,128	536,422
West South Central	3,805,702	3,240,108	2,192,353	3,279,545	225,265	191,518
Mountain	882,598	5,718,372	267,365	940,168	133,482	268,205
Pacific	5,091,166	9,538,099	8,745,607	9,530,642	2,103,286	2,613,523

[1] Figures relate to the calendar years preceding those in which the censuses were taken.
[2] For States included in each division, see note 5, p. 25.

No. 111.—ORCHARD PRODUCTS: CENSUS YEARS 1900 AND 1910, BY STATES AND BY GEOGRAPHIC DIVISIONS—Continued.

State.	Plums and prunes.[1]		Cherries.[1]		Apricots.[1]	
	1900	1910	1900	1910	1900	1910
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
Alabama	11,876	61,712	1,159	3,588	115	(2)
Arizona	3,133	8,420	220	476	40,578	6,849
Arkansas	174,734	194,649	7,889	5,993	391	(2)
California	5,632,036	9,317,979	318,960	501,013	2,547,064	4,066,823
Colorado	15,224	81,539	5,387	88,937	2,363	11,403
Connecticut	9,733	13,663	12,271	3,617	64	(2)
Delaware	7,315	657	8,066	2,634	28	(2)
District of Columbia	.....	10	248	235	.....	(2)
Florida	47,840	17,169	112	374	68	(2)
Georgia	36,920	60,845	5,950	4,979	98	(2)
Idaho	164,468	179,027	12,294	22,609	550	(2)
Illinois	157,941	78,566	204,279	287,376	1,437	(2)
Indiana	131,529	77,065	228,485	363,993	757	(2)
Indian Territory	4,051	.....	1,455	.....	76	.....
Iowa	186,312	158,036	118,743	260,432	378	(2)
Kansas	57,520	12,250	60,511	34,409	4,236	374
Kentucky	76,574	139,346	34,258	52,163	392	(2)
Louisiana	20,682	31,473	336	527	89	(2)
Maine	2,282	14,637	1,550	2,403	.....	(2)
Maryland	19,945	13,526	60,452	42,315	313	(2)
Massachusetts	5,919	17,814	6,043	4,761	25	(2)
Michigan	213,682	181,188	194,541	338,945	730	(2)
Minnesota	21,820	19,920	960	1,526	2	(2)
Mississippi	66,793	101,974	2,352	2,819	772	(2)
Missouri	111,603	234,872	62,708	123,314	583	(2)
Montana	373	8,777	807	7,497	1	(2)
Nebraska	42,314	41,910	54,047	89,876	333	(2)
Nevada	542	3,857	114	481	280	(2)
New Hampshire	4,942	7,542	1,183	1,403	2	(2)
New Jersey	24,685	9,594	82,005	44,636	201	(2)
New Mexico	18,492	15,528	5,228	6,384	6,637	(2)
New York	303,688	553,522	218,642	271,597	15,710	9,805
North Carolina	22,074	61,406	33,899	53,788	245	(2)
North Dakota	365	1,048	4	209	.....	(2)
Ohio	81,435	215,657	192,954	338,644	449	(2)
Oklahoma	7,986	25,916	1,766	2,372	493	1,123
Oregon	359,821	1,747,587	65,347	181,089	1,665	4,616
Pennsylvania	100,210	295,158	474,940	475,093	1,634	2,502
Rhode Island	571	1,872	1,329	214	12	(2)
South Carolina	16,177	48,754	6,551	10,987	120	(2)
South Dakota	8,114	31,748	900	5,924	.....	(2)
Tennessee	73,315	139,093	11,688	36,303	211	(2)
Texas	180,813	75,222	2,189	1,062	1,620	1,839
Utah	45,984	68,249	9,905	21,402	5,272	12,047
Vermont	1,529	7,205	1,069	2,506	.....	(2)
Virginia	21,167	22,597	188,693	132,671	678	(2)
Washington	229,207	1,032,077	52,114	131,392	5,254	10,789
West Virginia	19,123	32,948	87,828	79,723	145	(2)
Wisconsin	12,166	15,907	31,067	81,340	57	(2)
Wyoming	7	659	1	68	.....	(2)
All other	.....	.....	.....	.....	.....	22,093
Total	8,764,032	15,480,170	2,873,499	4,126,099	2,642,128	4,150,263
Geographic divisions.[3]						
New England	24,976	62,733	23,445	14,904	103	.....
Middle Atlantic	428,583	858,274	775,587	791,326	17,545	.....
East North Central	596,753	568,383	851,326	1,410,298	3,430	.....
West North Central	428,048	499,784	297,873	515,690	5,532	.....
South Atlantic	190,561	257,912	391,799	327,706	1,695	.....
East South Central	228,558	442,125	49,457	94,873	1,490	.....
West South Central	397,266	327,260	13,635	9,954	2,669	.....
Mountain	248,223	366,056	33,956	147,854	55,681	.....
Pacific	6,221,064	12,097,643	436,421	813,494	2,553,983	.....

[1] Figures relate to the calendar year preceding that of the census.
[2] Included in "All other."
[3] For States included in each division, see note 5, p. 25.

No. 112.—HAY CROP: Estimated Acreage, Production, and Value, 1908 to 1912, and in 1913 by States.

[Source: Reports of the Department of Agriculture.]

State.	Acreage.	Production.	Total farm value, Dec. 1.	Average price per short ton, Dec. 1.	Average yield per acre.	Average farm value of yield per acre, Dec. 1.
	Acres.	*Short tons.*	*Dollars.*	*Dollars.*	*Short tons.*	*Dollars.*
Alabama	210,000	286,000	4,061,000	14.20	1.36	19.34
Arizona	135,000	540,000	5,940,000	11.00	4.00	44.00
Arkansas	320,000	384,000	5,184,000	13.50	1.20	16.20
California	2,400,000	3,600,000	48,600,000	13.50	1.50	20.25
Colorado	890,000	1,824,000	18,240,000	10.00	2.05	20.49
Connecticut	379,000	462,000	8,683,000	20.10	1.14	22.91
Delaware	72,000	94,000	1,476,000	15.70	1.30	20.50
Florida	47,000	63,000	1,147,000	18.20	1.35	24.40
Georgia	250,000	350,000	6,265,000	17.90	1.40	25.06
Idaho	705,000	2,044,000	14,717,000	7.20	2.90	20.88
Illinois	2,500,000	2,450,000	34,545,000	14.10	.98	13.82
Indiana	1,800,000	1,800,000	25,380,000	14.10	1.00	14.10
Iowa	3,000,000	4,440,000	42,624,000	9.60	1.48	14.21
Kansas	1,500,000	1,350,000	16,875,000	12.50	.90	11.25
Kentucky	775,000	674,000	11,121,000	16.50	.87	14.35
Louisiana	160,000	240,000	3,000,000	12.50	1.50	18.75
Maine	1,194,000	1,194,000	16,597,000	13.90	1.00	13.90
Maryland	399,000	491,000	7,463,000	15.20	1.26	19.14
Massachusetts	475,000	575,000	12,132,000	21.10	1.21	25.54
Michigan	2,400,000	2,520,000	33,012,000	13.10	1.05	13.76
Minnesota	1,660,000	2,490,000	16,434,000	6.60	1.50	9.90
Mississippi	220,000	293,000	3,956,000	13.50	1.33	17.98
Missouri	3,000,000	1,800,000	26,100,000	14.50	.60	8.70
Montana	660,000	1,188,000	11,405,000	9.60	1.80	17.27
Nebraska	1,250,000	1,675,000	14,572,000	8.70	1.34	11.66
Nevada	235,000	646,000	7,106,000	11.00	2.75	30.24
New Hampshire	495,000	495,000	8,514,000	17.20	1.00	17.20
New Jersey	351,000	469,000	8,911,000	19.00	1.30	24.68
New Mexico	192,000	399,000	4,828,000	12.10	2.08	25.15
New York	4,700,000	5,358,000	81,977,000	15.30	1.14	17.44
North Carolina	320,000	419,000	6,914,000	16.50	1.31	21.61
North Dakota	340,000	388,000	2,250,000	5.80	1.14	6.62
Ohio	2,960,000	3,848,000	49,254,000	12.80	1.30	16.64
Oklahoma	450,000	382,000	3,973,000	10.40	.85	8.83
Oregon	825,000	1,732,000	15,588,000	9.00	2.10	18.89
Pennsylvania	3,141,000	4,146,000	61,775,000	14.90	1.32	19.67
Rhode Island	58,000	68,000	1,442,000	21.20	1.17	24.86
South Carolina	210,000	244,000	4,563,000	18.70	1.16	21.73
South Dakota	460,000	552,000	3,588,000	6.50	1.20	7.80
Tennessee	900,000	1,089,000	17,642,000	16.20	1.21	19.60
Texas	400,000	464,000	5,475,000	11.80	1.16	13.69
Utah	390,000	909,000	8,272,000	9.10	2.33	21.21
Vermont	1,000,000	1,280,000	18,560,000	14.50	1.28	18.56
Virginia	750,000	952,000	14,756,000	15.50	1.27	19.67
Washington	780,000	1,794,000	19,555,000	10.90	2.30	25.07
West Virginia	740,000	925,000	13,782,000	14.90	1.25	18.63
Wisconsin	2,375,000	3,848,000	42,713,000	11.10	1.62	17.98
Wyoming	480,000	912,000	6,110,000	6.70	1.90	12.73
Total, 1913	48,954,000	64,116,000	797,077,000	12.43	1.31	16.28
1908	46,486,000	70,798,000	635,423,000	8.98	1.52	13.67
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

No. 113.—WEALTH PRODUCTION ON FARMS: 1879, 1889, AND 1899 TO 1913.

[Sources: Bureau of the Census, Department of Commerce, and estimates of the 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	1906[2]	4,263,134	2,501,076	6,764,210
1889[1]	.....	.....	2,460,107	1907[2]	4,761,112	2,726,877	7,487,989
1899[1]	2,998,704	1,718,366	4,717,070	1908[2]	5,093,293	2,792,333	7,890,626
1900[2]	3,191,942	1,817,653	5,009,595	1909[1]	5,487,161	3,011,150	8,498,311
1901[2]	3,385,179	1,916,941	5,302,120	1910[2]	5,486,374	3,551,017	9,037,391
1902[2]	3,578,416	2,016,229	5,594,645	1911[2]	5,562,058	3,257,117	8,819,175
1903[2]	3,771,654	2,115,516	5,887,170	1912[2]	5,842,220	3,500,570	9,342,790
1904[2]	3,981,676	2,140,102	6,121,778	1913[2]	6,094,253	3,656,866	9,751,119
1905[2]	4,012,653	2,261,344	6,273,997				

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

No. 114.—NATIONAL FORESTS: TIMBER DISPOSED OF, QUANTITY, PRICE, AND NUMBER OF USERS, REVENUE UNDER SPECIFIED HEADS, AND DETAILS OF GRAZING PRIVILEGES, YEARS ENDED JUNE 30, 1908 TO 1913.

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

	1908	1909	1910	1911	1912	1913
Free timber given:						
Number of users	30,377	33,431	35,364	40,660	33,749	38,264
Timber cut.....[1] M ft.	131,977	105,205	104,796	123,488	123,233	121,750
Value.....dolls.	169,320	169,081	176,167	196,980	196,355	191,825
Timber sales:						
Number	5,062	4,980	5,398	5,653	5,772	6,182
Quantity.....[1] M ft.	386,384	286,666	574,555	830,304	799,417	2,137,311
Price per thousand board feet (average) ..... dolls.	1.90	1.98	2.44	2.56	2.00	2.01
Grazing:						
Area of ranges..acres.	120,000,000	180,000,000	125,000,000	115,000,000	101,000,000	104,000,000
Kinds of stock—						
Cattle.....No.	1,304,142	1,491,385	1,409,878	1,351,922	1,403,025	1,455,922
Goats.....No.	126,192	139,896	90,300	77,668	83,849	76,838
Hogs.....No.	2,076	4,501	3,145	4,500	4,330	3,277
Horses.....No.	76,003	90,019	84,552	91,516	95,343	97,919
Sheep.....No.	6,960,919	7,679,698	7,558,650	7,371,747	7,467,890	7,790,953
Total.....No.	8,469,332	9,405,499	9,146,520	8,897,353	9,054,437	9,424,969
Revenue:						
From—						
Timber sales..dolls.	773,182	647,721	940,090	985,123	994,314	1,282,647
Timber settlements[2] .....dolls.	20,439	45,272	67,562	22,035	33,287	36,105
Penalties for timber trespass....dolls.	55,405	39,331	35,142	43,236	40,291	17,558
Fire trespass..dolls.	.....	3,778	634	14,371	21,810	5,023
Special uses[3]..dolls.	30,425	38,983	59,811	76,646	98,812	118,513
Grazing fees..dolls.	962,830	1,028,468	978,956	930,966	962,175	1,001,156
Grazing trespass .....dolls.	.....	3,718	7,953	4,524	6,667	6,583
Total revenue .....dolls.	1,842,282	1,807,271	2,090,148	2,026,906	2,157,356	2,467,590

[1] See explanation of terms, p. 7.
[2] Includes timber taken in the exercise of permits for rights of way, development of power, etc.
[3] Figures for 1912 and 1913 include, respectively, $50,563 and $51,235, received on account of permits pertaining to water-power projects. (Prior to 1912 receipts from these sources were not separately reported.)

No. 115.—LOCATION, DATE LATEST PROCLAMATION EFFECTIVE, AND AREA OF THE NATIONAL FORESTS ON JUNE 30, 1913: By States.

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

State and forest.	Latest proclamation effective.	Area.
Arizona:		*Acres.*
Apache	Feb. 17, 1912	1,276,400
Chiricahua [1]	July 1, 1910	300,000
Coconino	do	1,634,000
Coronado	June 19, 1912	999,460
Crook	Feb. 17, 1912	890,600
Dixie [2]	Mar. 1, 1913	606,200
Kaibab	May 19, 1913	1,072,900
Prescott	Oct. 7, 1910	1,572,000
Sitgreaves	Feb. 17, 1912	893,720
Tonto	Sept. 26, 1910	2,156,000
Tusayan	July 1, 1910	1,800,000
Zuni [3]	Feb. 17, 1912	57,410
Total		13,318,690
Arkansas:		
Arkansas	Sept. 26, 1910	1,262,390
Ozark	Dec. 28, 1910	963,500
Total		2,225,890
California:		
Angeles	May 27, 1913	1,165,300
California	Oct. 12, 1910	1,061,000
Cleveland	Nov. 8, 1912	1,575,670
Crater [4]	July 1, 1911	61,100
Eldorado [5]	July 28, 1910	835,800
Inyo [6]	Feb. 23, 1911	1,337,780
Kern	Jan. 30, 1911	1,934,275
Klamath [7]	June 21, 1912	1,688,720
Lassen	Dec. 30, 1910	1,397,000
Modoc	Dec. 23, 1910	1,578,200
Mono [8]	June 30, 1911	883,150
Monterey	Dec. 12, 1910	501,150
Plumas	July 28, 1910	1,433,600
Santa Barbara	July 1, 1910	2,348,200
Sequoia	Feb. 17, 1912	1,191,840
Shasta	June 19, 1912	1,586,880
Sierra	July 1, 1910	1,743,000
Siskiyou [9]	July 1, 1911	406,260
Stanislaus	Oct. 12, 1910	1,136,500
Tahoe [10]	July 28, 1910	1,210,500
Trinity	June 7, 1912	1,746,020
Total		26,821,945
Colorado:		*Acres.*
Arapaho	Nov. 19, 1912	759,440
Battlement	Mar 1, 1913	677,340
Cochetopa	Mar. 3, 1913	930,220
Colorado	July 1, 1910	679,200
Durango	July 1, 1911	704,000
Gunnison	May 27, 1913	951,310
Hayden [11]	Aug. 8, 1910	75,700
Holy Cross	Dec. 16, 1910	605,700
La Sal [12]	Mar. 16, 1909	30,500
Leadville	Mar. 3, 1913	1,056,520
Montezuma	Aug. 15, 1910	812,100
Pike	Aug. 10, 1910	1,323,000
Rio Grande	Aug. 15, 1910	1,221,300
Routt	Aug. 24, 1910	936,100
San Isabel	May 27, 1910	651,200
San Juan	July 1, 1911	745,000
Sopris	Dec. 16, 1910	656,000
Uncompahgre	Apr. 1, 1912	867,860
White River	Oct. 17, 1912	877,990
Total		14,560,480
Florida	July 1, 1911	674,970
Idaho:		
Boise	Dec. 24, 1910	1,107,000
Cache [13]	Jan. 24, 1912	269,922
Caribou [14]	May 6, 1910	695,000
Challis [15]	May 19, 1913	1,270,670
Clearwater	July 1, 1911	822,700
Coeur d'Alene	do	760,800
Idaho	Mar. 23, 1912	1,209,280
Kaniksu [16]	May 6, 1910 [17]	465,260
Lemhi	May 19, 1913	1,072,580
Minidoka [18]	May 6, 1910	539,050
Nezperce	July 1, 1911	1,745,060
Palisade [19]	July 1, 1910	301,300
Payette	July 1, 1911 [17]	863,750
Pend Oreille	May 6, 1910 [17]	858,000
Pocatello [20]	Feb. 18, 1911 [21]	281,745
St. Joe	June 4, 1912 [22]	1,033,500
Salmon	May 19, 1913	1,643,360
Sawtooth	do	1,220,130
Selway	July 1, 1911	1,802,000

[1] Total of Chiricahua in Arizona and New Mexico=488,000 acres.
[2] Total of Dixie in Arizona and Utah=1,065,090 acres.
[3] Total of Zuni in Arizona and New Mexico=652,710 acres.
[4] Total of Crater in California and Oregon=1,080,500 acres.
[5] Total of Eldorado in California and Nevada=836,200 acres.
[6] Total of Inyo in California and Nevada=1,413,110 acres.
[7] Total of Klamath in California and Oregon=1,697,920 acres.
[8] Total of Mono in California and Nevada=1,366,440 acres.
[9] Total of Siskiyou in California and Oregon=1,694,250 acres.
[10] Total of Tahoe in California and Nevada=1,272,470 acres.
[11] Total of Hayden in Colorado and Wyoming=442,470 acres.
[12] Total of La Sal in Colorado and Utah=470,500 acres.
[13] Total of Cache in Idaho and Utah=579,660 acres.
[14] Total of Caribou in Idaho and Wyoming=702,360 acres.
[15] Gained 22,400 acres by relocation of Thompson Creek.
[16] Total of Kaniksu in Idaho and Washington=835,740 acres.
[17] Proclamation dated Mar. 3, 1913, does not affect the area until selection by State is made.
[18] Total of Minidoka in Idaho and Utah=631,330 acres.
[19] Total of Palisade in Idaho and Wyoming=557,500 acres.
[20] Total of Pocatello in Idaho and Utah=292,560 acres.
[21] Addition by act of Congress.
[22] This proclamation modifies the former proclamation, but the area remains unchanged until State selection is approved.

No. 115.—Location, Date Latest Proclamation Effective, and Area of the National Forests on June 30, 1913, by States—Continued.

State and forest.	Latest proclamation effective.	Area.
Idaho—Continued.		*Acres.*
Targhee[1]	July 1, 1910	738,000
Weiser	July 1, 1911	680,460
Total		19,379,567
Kansas:		
Kansas	Feb. 24, 1913	202,787
Michigan:		
Marquette	Feb. 10, 1909	31,843
Michigan	Feb. 11, 1909	131,928
Total		163,771
Minnesota:		
Minnesota[2]	May 23, 1908	294,750
Superior	Sept. 19, 1812	1,276,100
Total		1,570,850
Montana:		
Absaroka	June 19, 1912	987,710
Beartooth	Apr. 15, 1912	681,930
Beaverhead	May 19, 1913	1,365,000
Bitterroot	Apr. 30, 1912	1,154,550
Blackfeet	June 19, 1912	1,067,090
Cabinet	Apr. 30, 1912	1,026,550
Custer	June 19, 1912	512,810
Deerlodge	July 1, 1910	964,000
Flathead	June 19, 1912	2,088,720
Gallatin	Sept. 4, 1912	909,430
Helena	do	920,480
Jefferson	Feb. 27, 1912	1,175,840
Kootenai	June 19, 1912	1,623,340
Lewis and Clark	do	826,360
Lolo	Apr. 30, 1912	1,192,610
Madison	Sept. 24, 1912	1,035,860
Missoula	do	1,330,040
Sioux[3]	May 2, 1913	115,260
Total		18,977,580
Nebraska:		
Nebraska	July 2, 1908	556,700
Nevada:		
Eldorado[4]	July 28, 1910	400
Humboldt	June 19, 1912	726,540
Inyo[5]	Feb. 23, 1911	75,330
Moapa	Dec. 8, 1911	290,350
Nevada—Continued.		*Acres.*
Mono[6]	June 30, 1911	483,290
Nevada	Oct. 28, 1912	1,260,800
Ruby	June 19, 1912	433,570
Santa Rosa	Nov. 3, 1911	299,960
Tahoe[7]	July 28, 1910	61,970
Toiyabe	Dec. 10, 1910	1,963,100
Total		5,595,310
New Mexico:		
Alamo	Feb. 17, 1912	941,790
Carson	do	1,123,400
Chiricahua[8]	July 1, 1910	128,000
Datil	June 7, 1910	2,955,000
Gila	May 9, 1910	1,600,000
Jemez	Aug. 24, 1910	880,000
Lincoln	Apr. 1, 1912	634,400
Manzano	July 1, 1910	600,500
Pecos	Apr. 20, 1910	715,500
Zuni[9]	Feb. 17, 1912	595,300
Total		10,173,890
North Dakota:		
Dakota	Nov. 24, 1908	13,920
Oklahoma:		
Wichita	Oct. 13, 1910	61,640
Oregon:		
Cascade	July 1, 1911	1,097,700
Crater[10]	do	1,019,400
Deschutes	do	942,020
Fremont	do	852,000
Klamath[11]	June 21, 1912	9,200
Malheur	July 1, 1911	1,262,840
Minam	do	448,330
Ochoco	do	819,030
Oregon	Oct. 11, 1912	1,140,920
Paulina	July 1, 1911	1,333,360
Santiam	do	710,170
Siskiyou[12]	do	1,287,990
Siuslaw	July 1, 1908	821,000
Umatilla	July 1, 1911	566,920
Umpqua	do	1,193,440
Wallowa	do	1,097,670
Wenaha[13]	May 27, 1910	472,000
Whitman	July 1, 1911	949,230
Total		16,023,220

[1] Total of Targhee in Idaho and Wyoming=823,450 acres.
[2] Minnesota National Forest created by act of Congress.
[3] Total of Sioux in Montana and South Dakota=200,002 acres
[4] Total of Eldorado in California and Nevada=836,200 acres.
[5] Total of Inyo in California and Nevada=1,413,110 acres.
[6] Total of Mono in California and Nevada=1,366,440 acres.
[7] Total of Tahoe in California and Nevada=1,272,470 acres.
[8] Total of Chiricahua in Arizona and New Mexico=488,000 acres.
[9] Total of Zuni in Arizona and New Mexico=652,710 acres.
[10] Total of Crater in California and Oregon=1,080,500 acres.
[11] Total of Klamath in California and Oregon=1,697,920 acres.
[12] Total of Siskiyou in California and Oregon=1,694,250 acres.
[13] Total of Wenaha in Oregon and Washington=792,000 acres.

No. 115.—Location, Date Latest Proclamation Effective, and Area of the National Forests on June 30, 1913, by States—Continued.

State and forest.	Latest proclamation effective.	Area.
South Dakota: [1]		*Acres.*
Black Hills	July 1, 1911	600,480
Harney	Apr. 29, 1912	640,950
Sioux [2]	May 2, 1913	84,742
Total		1,326,172
Utah:		
Ashley [3]	Oct. 7, 1910	992,100
Cache [4]	Jan. 24, 1912	309,738
Dixie [5]	Mar. 1, 1913	458,890
Fillmore	July 1, 1908	578,500
Fishlake	June 27, 1913	723,390
La Sal [6]	Mar. 16, 1909	440,000
Manti	June 27, 1913	788,590
Minidoka [7]	May 6, 1910	92,280
Nebo	Mar. 3, 1913	279,480
Pocatello [8]	Feb. 18, 1911	10,815
Powell	Sept. 26, 1910	704,700
Sevier	June 19, 1912	802,660
Uinta	Oct. 7, 1910	1,286,500
Wasatch	July 1, 1910	309,000
Total		7,776,643
Washington:		
Chelan	July 1, 1911	786,680
Columbia	July 1, 1908	942,200
Colville	May 9, 1910	816,000
Kaniksu [9]	May 6, 1910	370,480
Okanogan	July 1, 1911	1,541,000
Olympic	Mar. 2, 1907	1,652,000
Rainier	Oct. 23, 1911	1,567,000
Snoqualmie	do	1,042,000
Washington	July 1, 1908	1,490,000
Wenaha [10]	May 27, 1910	320,000
Wanatchee	July 1, 1910	1,157,000
Total		11,684,360
Wyoming:		*Acres.*
Ashley [11]	Oct. 7, 1910	6,060
Bighorn	July 2, 1908	1,136,200
Bonneville	July 1, 1911	613,270
Bridger	do	577,850
Caribou [12]	May 6, 1910	7,360
Hayden [13]	Aug. 8, 1910	366,770
Medicine Bow	July 1, 1910	511,382
Palisade [14]	do	256,200
Shoshone	July 1, 1908	1,609,000
Sundance	Dec. 16, 1910	179,121
Targhee [15]	July 1, 1910	85,450
Teton	Apr. 19, 1912	1,978,850
Washakie	July 1, 1911	393,950
Wyoming	July 1, 1908	912,000
Total		8,633,463
Total of 160 National Forests in continental United States		[16]159,801,848
Alaska:		
Chugach	Oct. 28, 1910	11,267,850
Tongass	Feb. 16, 1909	15,481,000
Total		26,748,850
Porto Rico:		
Luquillo	Jan. 17, 1903	65,950
Grand total of 163 National Forests		186,616,648

[1] South Dakota proclamations are modified by proclamation of Feb. 15, 1912. Areas not affected until perfection of State selection.
[2] Total of Sioux in Montana and South Dakota=200,002 acres. Reduction in gross area since Jan. 31, 1912, due to approval of selection by State of 11,578 acres under proclamation of Feb. 15, 1912.
[3] Total of Ashley in Utah and Wyoming=998,160 acres.
[4] Total of Cache in Idaho and Utah=579,660 acres.
[5] Total of Dixie in Arizona and Utah=1,065,090 acres.
[6] Total of La Sal in Colorado and Utah=470,500 acres.
[7] Total of Minidoka in Idaho and Utah=631,330 acres.
[8] Total of Pocatello in Idaho and Utah=292,560 acres.
[9] Total of Kaniksu in Idaho and Washington=835,740 acres. Proclamation dated Mar. 3, 1913, does not affect the area until selection by State is made.
[10] Total of Wenaha in Oregon and Washington=792,000 acres.
[11] Total of Ashley in Utah and Wyoming=998,160 acres.
[12] Total of Caribou in Idaho and Wyoming=702,360 acres.
[13] Total of Hayden in Colorado and Wyoming=442,470 acres.
[14] Total of Palisade in Idaho and Wyoming=557,500 acres.
[15] Total of Targhee in Idaho and Wyoming=823,450 acres.
[16] Of this gross area, approximately 13 per cent is alienated land held by States and individuals.

No. 116.—FOREST LANDS ACQUIRED UNDER THE WEEKS LAW: AREAS, JUNE 30, 1913.

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

Location of areas.			Areas under protection.		
State.	Area.	Headquarters.	Acquired.	Additional approved for purchase.	Total.
			Acres.	*Acres.*	*Acres.*
Georgia	Georgia	Blue Ridge	31,002.89	1,130.28	32,133.17
	Savannah (south)	Clayton	.....	32,756.00	32,756.00
Total			31,002.89	33,886.28	64,889.17
New Hampshire	White Mountain	Gorham	.....	95,521.13	95,521.13
North Carolina	Mount Mitchell	Marion	13,191.06	23,979.18	37,170.24
	Nantahala	Andrews	19,085.25	12,211.88	31,297.13
	Savannah (north)	Highlands	.....	26,992.00	26,992.00
Total			32,276.31	63,183.06	95,459.37
South Carolina	Savannah (south)	Clayton	.....	21,376.68	21,376.68
Tennessee	Cherokee	Etowah	.....	53,500.00	53,500.00
	Smoky Mountain	Townsend	.....	64,492.33	64,492.33
	Unaka	Johnson City	.....	16,464.00	16,464.00
	White Top	Abingdon, Va	2,160.00	36,484.83	38,644.83
Total			2,160.00	170,941.16	173,101.16
Virginia	Massanutten	Woodstock	1,734.03	54,911.75	56,645.78
	Natural Bridge	Natural Bridge	24,654.60	3,421.00	28,075.60
	Potomac (part)	Woodstock	.....	36,703.00	36,703.00
	Shenandoah	Harrisburg	.....	79,464.00	79,464.00
	White Top (part)	Abingdon	11,358.38	550.00	11,908.38
Total			37,747.01	175,049.75	212,796.76
West Virginia	Monongahela	Elkins	.....	20,587.00	20,587.00
	Potomac	Woodstock	.....	34,011.00	34,011.00
Total			.....	54,598.00	54,598.00
Grand total			103,186.21	614,556.06	717,742.27
Approved for purchase			.....	.....	713,415.00
Excess			.....	.....	4,327.27

No. 117.—POLES PURCHASED BY STEAM RAILROAD, ELECTRIC RAILROAD, AND ELECTRIC LIGHT AND POWER, AND TELEPHONE AND TELEGRAPH COMPANIES: KINDS OF WOOD AND NUMBER, CALENDAR YEARS 1906 TO 1911.

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

Kind of wood.	1906	1907	1908	1909	1910	1911
Cedar	2,174,279	2,109,477	2,200,139	2,439,825	2,431,567	2,100,144
Chestnut	988,084	630,282	516,049	608,066	677,517	693,489
Oak	9,924	76,450	160,702	236,842	265,290	199,590
Pine	177,809	155,960	116,749	179,586	184,677	161,690
Cypress	111,657	100,368	90,579	77,677	75,459	72,995
All other	112,913	210,731	164,936	196,744	236,181	190,112
Total	3,574,666	3,283,268	3,249,154	3,738,740	3,870,694	3,418,020

No. 118.—PRODUCTION OF SHINGLES, CALENDAR YEARS 1909 TO 1912: BY 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		1910		1911		1912	
	Thousands.	Per cent.	Thousands.	Per cent.	Thousands.	Per cent.	Thousands.	Per cent.
Cedar	10,963,817	73.5	10,108,643	77.9	9,633,914	79.5	9,500,908	78.9
Cypress	1,386,722	9.3	1,180,217	9.1	1,230,645	10.2	1,311,750	10.9
Yellow pine	1,293,565	8.7	863,149	6.7	650,332	5.4	578,307	4.8
Redwood	506,651	3.4	437,701	3.4	395,786	3.3	447,197	3.7
White pine	283,213	1.9	146,555	1.1	83,809	.7	68,806	.6
Spruce	147,132	1.0	68,745	.5	12,381	.1	45,084	.4
Chestnut	91,766	.6	52,091	.4	40,840	.3	30,308	.3
Hemlock	76,029	.5	42,447	.3	26,171	.2	24,140	.2
Western pine	68,934	.5	27,277	.2	15,882	.1	8,003	.1
All other	89,542	.6	49,537	.4	24,107	.2	23,182	.2
Total	14,907,371	100.0	12,976,362	100.0	12,113,867	100.0	12,037,685	100.0

No. 119.—PRODUCTION OF SHINGLES, CALENDAR YEARS 1909 TO 1912: BY STATES.

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

State.	1909		1910		1911		1912	
	Thousands.	Per cent.	Thousands.	Per cent.	Thousands.	Per cent.	Thousands.	Per cent.
Alabama	245,871	1.6	142,810	1.1	147,558	1.2	126,205	1.05
Arkansas	208,080	1.4	132,721	1.0	145,886	1.2	114,458	.95
California	574,342	3.9	453,839	3.5	404,550	3.3	471,592	3.92
Florida	283,206	1.9	171,421	1.3	167,371	1.4	309,081	2.57
Georgia	443,260	3.0	317,663	2.4	256,409	2.1	216,688	1.80
Louisiana	757,868	5.1	776,691	6.0	799,995	6.6	718,026	5.96
Maine	598,131	4.0	436,965	3.4	559,215	4.6	393,772	3.27
Michigan	891,649	6.0	696,652	5.4	510,622	4.2	459,359	3.81
North Carolina	280,942	1.9	169,119	1.3	161,652	1.3	196,943	1.64
Oregon	293,644	2.0	319,894	2.5	392,894	3.2	271,205	2.25
Washington	8,879,467	59.6	8,333,639	64.2	7,745,525	63.9	7,996,251	66.43
Wisconsin	392,863	2.6	317,570	2.4	324,009	2.7	267,945	2.23
All other	1,058,048	7.1	707,378	5.5	498,181	4.3	496,160	4.12
Total	14,907,371	100.0	12,976,362	100.0	12,113,867	100.0	12,037,685	100.00

No. 120.—PRODUCTION AND AVERAGE MILL VALUE OF LUMBER SAWED, CALENDAR YEARS 1899 AND 1909 AND PRODUCTION, CALENDAR YEARS 1911 AND 1912: 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.	1899		1909			1911	1912
	Quantity.	Average value per M feet.[1]	Quantity.	Value.	Average value per M feet.[1]	Quantity.	Quantity.
	M feet.[1]	*Dollars.*	*M feet.*	*Dollars.*	*Dollars.*	*M feet.*	*M feet.*
Ash	269,120	15.84	291,209	7,116,089	24.44	214,398	234,548
Basswood	308,069	12.84	399,151	7,781,563	19.50	304,621	296,717
Beech	(2)	(2)	511,244	6,773,006	13.25	403,881	435,250
Birch	132,601	12.50	452,370	7,666,186	16.95	432,571	388,272
Cedar	232,978	10.91	346,008	6,901,948	19.95	374,925	329,000
Chestnut	206,688	13.37	663,891	10,703,130	16.12	529,022	554,230
Cottonwood	415,124	10.37	265,600	4,794,424	18.05	198,629	227,477
Cypress	495,836	13.32	955,635	19,549,741	20.46	981,527	997,227
Douglas fir	1,736,507	8.67	4,856,378	60,435,793	12.44	5,054,243	5,175,123
Elm	456,731	11.47	347,456	6,088,093	17.52	236,108	262,141
Hemlock	3,420,658	9.98	3,051,399	42,580,800	13.95	2,555,308	2,426,554
Maple	633,466	11.83	1,106,604	17,447,814	15.77	951,667	1,020,864
Oak	4,438,027	13.78	4,414,457	90,512,069	20.50	3,098,444	3,318,952
Poplar (yellow)	1,115,242	14.03	858,500	21,799,854	25.39	659,475	623,289
Red gum	285,417	9.63	706,945	9,334,268	13.20	582,967	694,260
Redwood	360,167	10.12	521,630	7,720,124	14.80	489,768	496,796
Spruce	1,442,035	11.27	1,748,547	29,561,315	16.91	1,261,728	1,238,600
Western pine	944,560	9.70	1,499,985	23,077,854	15.39	1,330,700	1,219,444
White pine[3]	7,742,391	12.69	3,900,034	70,330,131	18.16	3,230,584	3,138,227
Yellow pine	9,658,548	8.46	16,277,185	206,505,297	12.69	12,896,706	14,737,052
All other	486,348	.....	1,335,533	27,300,355	20.44	1,215,935	1,344,391
Total	34,780,513	11.08	44,509,761	684,479,859	15.38	37,003,207	39,158,414

[1] See explanation of terms, p. 7. [2] Not separately reported. [3] Includes Norway pine.

No. 121.—TIES PURCHASED BY STEAM AND ELECTRIC RAILROADS: KINDS OF WOOD AND NUMBER, CALENDAR YEARS 1910 AND 1911.

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

Kind of wood.	1910			1911		
	Steam railroads.	Electric railroads.	Total.	Steam railroads.	Electric railroads.	Total.
Oaks	65,095,000	3,287,000	68,382,000	56,334,000	3,174,000	59,508,000
Southern pines	25,096,000	1,168,000	26,264,000	22,824,000	1,441,000	24,265,000
Cedar	6,637,000	668,000	7,305,000	7,106,000	909,000	8,015,000
Chestnut	6,219,000	1,541,000	7,760,000	5,872,000	1,670,000	7,542,000
Douglas fir	10,919,000	710,000	11,629,000	10,762,000	491,000	11,253,000
Tamarack	4,960,000	203,000	5,163,000	4,079,000	59,000	4,138,000
Cypress	5,187,000	209,000	5,396,000	5,669,000	188,000	5,857,000
Hemlock	3,442,000	26,000	3,468,000	3,665,000	21,000	3,686,000
Western pine	4,527,000	85,000	4,612,000	2,615,000	81,000	2,696,000
Redwood	1,501,000	664,000	2,165,000	1,043,000	777,000	1,820,000
Gum	1,621,000	.....	1,621,000	1,285,000	8,000	1,293,000
All other	4,392,000	74,000	4,466,000	4,901,000	79,000	4,980,000
Total	139,596,000	8,685,000	148,281,000	126,155,000	8,898,000	135,053,000

No. 122.—PRODUCTION OF TURPENTINE: QUANTITY AND VALUE, CALENDAR YEARS 1908 TO 1910, BY STATES.

[Sources: 1908, records of the Forest Service, Department of Agriculture; for 1909 and 1910, Bureau of the Census, Department of Commerce.]

State.	1908		1909		1910	
	Gallons.	*Dollars.*	*Gallons.*	*Dollars.*	*Gallons.*	*Dollars.*
Alabama	3,744,050	1,444,100	2,840,000	1,254,000	2,351,000	1,515,000
Florida	17,030,300	6,568,600	18,810,000	5,847,000	14,885,000	9,454,000
Georgia	10,347,800	3,991,150	8,057,000	3,557,000	6,980,000	4,509,000
Louisiana	1,696,250	654,250	[1] 1,452,000	[1] 689,000	[1] 948,000	[1] 582,000
Mississipi	2,277,850	878,550	1,589,000	732,000	1,736,000	1,088,000
North Carolina	782,800	282,450	781,000	370,000	427,000	272,000
South Carolina	559,800	215,900	460,000	205,000	409,000	260,000
Texas	200,650	77,400	(2)	(2)	(2)	(2)
Total	36,589,000	14,112,400	28,989,000	12,654,000	27,736,000	17,680,000

[1] Includes Texas. [2] Included under Louisiana.

No. 123.—PRODUCTION OF ROSIN: QUANTITY AND VALUE, CALENDAR YEARS 1908 TO 1910, BY STATES.

[Sources: 1908, records of the Forest Service, Department of Agriculture; for 1909 and 1910, Bureau of the Census, Department of Commerce.]

State.	1908		1909		1910	
	Barrels.[1]	*Dollars.*	*Barrels.*[1]	*Dollars.*	*Barrels.*[1]	*Dollars.*
Alabama	446,909	1,853,350	310,000	1,214,000	309,000	1,674,000
Florida	1,932,114	8,012,500	1,556,000	6,058,000	1,819,000	9,714,000
Georgia	1,203,059	4,989,100	904,000	3,372,000	869,000	4,637,000
Louisiana	195,804	812,000	[2] 167,000	[2] 690,000	[2] 82,000	[2] 466,000
Mississipi	277,704	1,151,650	193,000	740,000	212,000	1,199,000
North Carolina	131,907	547,000	83,000	304,000	54,000	263,000
South Carolina	72,125	299,100	51,000	199,000	59,000	312,000
Texas	28,661	118,850	(3)	(3)	(3)	(3)
Total	4,288,283	17,783,550	3,264,000	12,577,000	3,404,000	18,255,000

[1] Of 280 pounds. [2] Includes Texas. [3] Included under Louisiana.

No. 124.—PRODUCTION OF LUMBER, CALENDAR YEARS 1880, 1890, 1900, AND 1910 TO 1912: 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	1911	1912
Northeastern group:	*M feet.*[1]	*M feet.*[1]	*M feet.*[1]	*M feet.*[1]	*M feet.*[1]	*M feet.*[1]
Connecticut	(2)	(2)	(2)	126,463	124,661	109,251
Delaware	(2)	(2)	(2)	46,642	23,853	28,285
Maine	566,656	564,243	756,515	860,273	828,417	882,128
Massachusetts	205,244	208,655	342,058	239,206	273,317	259,329
New Hampshire	292,267	266,890	562,258	443,907	388,619	479,499
New Jersey	(2)	(2)	(2)	36,542	28,639	34,810
New York	1,184,220	909,990	874,754	506,074	526,283	502,351
Pennsylvania	1,733,844	2,113,267	2,321,284	1,241,199	1,048,606	992,180
Rhode Island	(2)	(2)	(2)	14,392	9,016	14,421
Vermont	(2)	(2)	(2)	284,815	239,254	235,983
Lake group:						
Michigan	4,172,572	4,245,717	3,012,057	1,681,081	1,466,754	1,488,827
Minnesota	563,974	1,079,403	2,341,619	1,457,734	1,485,015	1,436,726
Wisconsin	1,542,021	2,817,200	3,361,943	1,891,291	1,761,986	1,498,876
Miscellaneous group:						
Arizona	(2)	(2)	(2)	72,655	73,139	76,287
Colorado	(2)	(2)	(2)	121,398	95,908	88,451
Idaho	18,204	27,800	65,331	745,984	765,670	713,575
Iowa	(2)	(2)	(2)	75,446	59,974	46,593
Kansas	(2)	(2)	(2)	639	364	(2)
Montana	(2)	(2)	(2)	319,089	228,416	272,174
Nebraska	(2)	(2)	(2)	(2)	(2)	(2)
Nevada	(2)	.....	(2)	(2)	(2)	(2)
New Mexico	(2)	(2)	(2)	83,544	83,728	82,650
South Dakota	(2)	(2)	(2)	16,340	13,046	20,986
Utah	(2)	(2)	(2)	11,786	10,573	9,055
Wyoming	(2)	(2)	(2)	30,931	33,309	13,560
Central group:						
Illinois	(2)	(2)	(2)	113,506	96,651	122,523
Indiana	915,943	707,115	977,878	422,963	360,613	401,017
Kentucky	305,684	420,820	765,343	753,556	632,415	641,206
Missouri	399,744	395,755	715,968	501,691	418,586	422,470
Ohio	910,832	541,076	957,239	490,039	427,161	499,834
Tennessee	302,673	450,097	939,463	1,016,475	914,579	932,572
West Virginia	180,112	299,709	773,583	1,376,737	1,387,786	1,318,732
Pacific group:						
California	304,795	515,823	734,232	1,254,826	1,207,561	1,203,059
Oregon	177,171	444,565	734,181	2,084,633	1,803,698	1,916,160
Washington	160,176	1,061,560	1,428,205	4,097,492	4,064,754	4,099,775
Southern group:						
Alabama	251,851	586,143	1,096,539	1,465,623	1,226,212	1,378,151
Arkansas	172,503	526,091	1,595,933	1,844,446	1,777,303	1,821,811
Florida	247,627	411,436	788,905	992,091	983,824	1,067,525
Georgia	451,788	572,970	1,308,610	1,041,617	801,611	941,291
Louisiana	133,472	303,591	1,113,423	3,733,900	3,566,456	3,876,211
Maryland	(2)	(2)	(2)	154,554	144,078	174,320
Mississippi	168,747	452,797	1,202,334	2,122,205	2,041,615	2,381,898
North Carolina	241,822	509,436	1,278,399	1,824,722	1,798,724	2,193,308
Oklahoma	.....	(2)	(2)	164,663	143,869	168,806
South Carolina	185,772	197,940	466,109	706,831	584,872	816,930
Texas	328,968	839,724	1,230,904	1,884,134	1,681,080	1,902,201
Virginia	315,939	409,804	956,169	1,652,192	1,359,790	1,569,997
Geographic groups.						
Northeastern group	3,982,231	4,063,045	4,856,869	3,799,513	3,490,665	3,538,237
Lake group	6,278,567	8,142,320	8,715,619	5,030,106	4,713,755	4,424,429
Southern group	2,498,489	4,809,932	11,037,325	17,586,978	16,109,434	18,292,449
Central group	3,014,988	2,814,572	5,129,474	4,674,967	4,237,791	4,338,449
Pacific group	642,142	2,021,948	2,896,618	7,436,951	7,076,013	7,218,994
Miscellaneous group	18,204	27,800	65,331	1,477,812	1,364,127	1,323,331
States not specified	1,652,735	1,615,236	2,079,277	11,955	11,422	22,525
Total	18,087,356	23,494,853	34,780,513	[3] 40,018,282	37,003,207	39,158,414

[1] See explanation of terms, p. 7.
[2] Included in "all other States."
[3] Does not include the cut of mills sawing less than 50,000 feet.

No. 125.—ALASKA FISHERIES: PRODUCTS, CALENDAR YEARS 1907 TO 1912.

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

Product.	1907		1908		1909		1910		1911		1912	
	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Black cod	41,354	1,529	41,332	1,329	39,432	1,490	96,645	2,832	95,910	3,613	16,654	953
Cod [1]	6,016,094	146,772	5,403,366	134,775	4,511,858	119,221	3,028,623	63,743	3,602,288	109,040	8,164,843	226,268
Eulachon	12,728	500	30,020	823	48,900	1,443	43,200	1,340	35,210	1,138	40,365	2,315
Halibut	4,492,118	140,976	5,692,006	175,742	5,234,924	197,829	21,630,289	310,050	17,315,571	822,370	16,896,743	927,502
Herring [2]	2,479,717	15,831	2,097,350	23,650	2,304,938	22,828	1,945,499	25,765	5,306,511	65 209	13,848,796	148,878
Salmon:												
Fresh	538,130	24,267	887,789	48,068	1,010,105	41,343	1,167,013	53,932	1,925,572	108,898	1,338,923	101,463
Preserved	160,188,160	9,104,419	193,608,150	10,564,250	178,771,400	9,781,226	176,555,645	11,428,166	140,395,551	15,003,697	206,382,020	17,031,073
Bellies, pickled	2,372,000	37,422	4,456,875	59,330	1,187,830	25,316	325,200	19,007	267,400	15,561	7,400	606
Trout	72,194	3,979	101,781	3,748	84,050	3,646	110,625	5,073	110,960	5,908	26,461	2,645
Fertilizer	1,190,000	20,170	2,936,400	46,126	3,471,616	49,518	3,486,141	56,456	3,520,000	61,600	2,936,000	41,985
Oil	801,899	22,070	2,256,600	76,036	4,254,155	148,093	4,822,145	172,280	4,588,125	168,189	9,310,040	337,200
Aquatic furs and skins:												
Seal—												
Fur	92,364	484,649	92,580	459,950	88,590	597,983	86,546	472,261	72,870	432,231	22,584	141,290
Hair	75,417	13,354	19,416	3,350	19,768	3,523	3,661	946	2,511	682	1,998	499
All other	6,007	23,451	8,736	31,828	21,471	69,508	34,866	111,791	13,275	39,733	20,201	71,380
Walrusivory, teeth, and heads	8,274	5,671	[3] 13,745	[3] 9,393	[3] 1,029	[3] 781	[3] 266	[3] 271	[3] 1,172	[3] 1,105	[3] 1,080	800
Whalebone	25,677	114,240	65,640	202,761	[4] 576,700	[4] 94,770	[4] 852,359	[4] 19,151	57,767	12,514	81,734	40,534
All other	18,155	883	103,629	6,284	356,472	15,986	347,710	16,795	262,180	12,235	146,880	16,090
Total	178,430,288	10,160,183	217,813,415	11,847,443	201,983,238	11,174,014	214,536,433	13,259,859	177,572,873	16,863,728	259,242,722	19,091,481

[1] Includes salted tongues. [2] Includes eggs. [3] Ivory only. [4] Ground, unground, and baleen.

PATENTS AND MANUFACTURING AND MINING INDUSTRIES.

No. 126.—PATENTS: Comparative Statement of the Business of the United States Patent Office, 1894 to 1913.

[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.*
1894	38,439	2,286	20,867	1,187,439.58	1,100,047.12	87,392.46
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	1,350,828.53	1,260,019.62	90,808.91
1901	46,449	1,842	27,373	1,449,398.16	1,297,385.64	152,012.52
1902	49,641	1,851	27,886	1,552,859.08	1,393,345.54	159,513.54
1903	50,213	1,771	31,699	1,642,201.81	1,448,645.81	193,556.00
1904	52,143	1,808	30,934	1,657,326.53	1,476,000.38	181,326.15
1905	54,971	1,896	30,399	1,806,758.14	1,479,633.22	327,124.92
1906	56,482	1,885	31,965	1,790,921.38	1,554,891.20	236,030.18
1907	58,762	1,967	36,620	1,910,618.14	1,631,458.36	279,159.78
1908	61,475	2,110	33,682	1,896,847.67	1,712,303.42	184,544.25
1909	65,839	1,948	37,421	2,042,828.14	1,955,151.14	87,677.00
1910	64,629	970	35,930	2,025,536.69	2,005,711.94	19,824.75
1911	67,370	(1)	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*	*2,063,557.89*	(2)	(2)

[1] No caveats filed after June 30, 1910; law repealed. [2] Not reported.

No. 127.—PATENTS AND TRADE-MARKS: Number of the First Patent, Design Patent, and Reissued Patent, and the Number of the First Certificate of Registration of a Trade-Mark and a Label Issued, 1894 to 1914.

[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.
1894	511744	22994	11397	23951	.....	19,875	928	64	20,857	1,806	4	1,810
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	1083267	45098	13668	94796	17444	.....	.....	.....	.....	.....	.....	.....

[1] Registration of labels practically suspended May 27, 1891, under decision of United States Supreme Court. Resumed June 9, 1896. [2] Including 290 "Prints."

Note.—The number of patents granted prior to the commencement of this series of numbering (July 28, 1836) was 9,957.

No. 128.—MANUFACTURES: Classified According to Average Number of Wage Earners, 1909.

[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	27,712	.....	10.3	.....
1 to 5 wage earners	136,289	311,704	50.8	4.7
6 to 20 wage earners	57,198	640,793	21.3	9.7
21 to 50 wage earners	23,544	764,408	8.8	11.6
51 to 100 wage earners	10,964	782,298	4.1	11.8
101 to 250 wage earners	8,116	1,258,639	3.0	19.0
251 to 500 wage earners	2,905	1,006,457	1.1	15.2
501 to 1,000 wage earners	1,223	837,473	0.5	12.7
Over 1,000 wage earners	540	1,013,274	0.2	15.3
Total	268,491	6,615,046	100.0	100.0

No. 129.—MANUFACTURES: Engines and Power, Classified According to Kind, 1899, 1904, and 1909.

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

Power.	Number of engines or motors.			Horsepower.			Per cent distribution horsepower.		
	1899	1904	1909	1899	1904	1909	1899	1904	1909
Primary power:									
Owned—									
Steam	130,710	127,267	153,525	8,139,579	10,825,348	14,199,339	80.6	80.3	76.0
Gas	14,334	21,515	34,356	134,742	289,423	751,186	1.3	2.1	4.0
Water wheels	23,099	19,595	20,079	1,454,112	1,641,949	1,807,439	14.4	12.2	9.7
Water motors	(1)	1,397	1,203	(1)	5,931	15,449	(1)	(2)	.1
Other	.....	.....	.....	49,985	92,154	29,293	.5	.7	.2
Total	168,143	169,774	209,163	9,778,418	12,854,805	16,802,706	96.8	95.3	90.0
Rented—									
Electric	(1)	61,589	199,309	182,562	441,589	1,749,031	1.8	3.3	9.4
Other	.....	.....	.....	136,913	191,313	123,639	1.4	1.4	.7
Total	(1)	61,589	199,309	319,475	632,902	1,872,670	3.2	4.7	10.0
Grand total	168,143	231,363	408,472	10,097,893	13,487,707	18,675,376	100.0	100.0	100.0
Electric motors:									
Run by current generated by establishment	16,891	73,119	189,545	310,374	1,150,886	3,068,109	63.0	72.3	63.7
Run by rented power	(1)	61,589	199,309	182,562	441,589	1,749,031	37.0	27.7	36.3
Total	16,891	134,708	388,854	492,936	1,592,475	4,817,140	100.0	100.0	100.0

[1] Not reported. [2] Less than one-tenth of 1 per cent.

No. 130.—MANUFACTURES: Fuel Used, Classified According to Kinds, 1909.

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

Kind.	Quantity.	Kind.	Quantity.
Anthracite coal.....long tons..	14,339,220	Wood.....cords..	5,481,311
Bituminous coal.....short tons..	[1] 161,792,218	Oil, including gasoline, etc....barrels..	34,331,632
Coke.....do....	37,959,970	Gas.....1,000 feet..	451,302,493

[1] Includes 58,788,398 tons used in making coke.

No. 131.—MANUFACTURES: CLASSIFIED ACCORDING TO CHARACTER OF OWNERSHIP OF THE ESTABLISHMENT, CALENDAR YEARS 1904 AND 1909.

[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.
Individual:					*Dollars.*		*Dollars.*	
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
Firm:								
1904	47,934	22.2	841,242	15.4	2,132,536,604	14.4	930,143,823	14.8
1909	54,265	20.2	794,836	12.0	2,184,107,632	10.6	951,383,741	11.2
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
Other:								
1904	3,203	1.5	8,520	.2	54,466,028	.4	13,202,890	.2
1909	4,120	1.5	12,934	.2	104,766,104	.5	26,846,062	.3
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

No. 132.—MANUFACTURES: CLASSIFIED ACCORDING TO SIZE OF ESTABLISHMENT, AS MEASURED BY THE VALUE OF PRODUCTS, CALENDAR YEARS 1904 AND 1909.

[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.
Less than $5,000:					*Dollars.*		*Dollars.*	
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
$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
$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
$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
$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
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
Average per establishment:								
1904	.....	.....	25	.....	68,433	.....	29,113	.....
1909	.....	.....	25	.....	76,993	.....	31,767	.....

No. 133.—MANUFACTURES: Classified According to Size of Cities in Which Located, 1899 and 1909.

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

Item.	Census year.	Cities having a population of 10,000 and over.								Districts outside of cities 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	18,936	7.1	27,061	10.1	89,775	33.4	135,772	50.6	132,719	49.4	268,491
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	678,467	10.3	1,126,253	17.0	2,511,922	38.0	4,316,642	65.3	2,298,404	34.7	6,615,046
Value of products	1899	$1,052,639,594	9.2	$1,843,124,795	16.2	$4,968,799,788	43.6	$7,864,564,177	68.9	$3,542,362,524	31.1	$11,406,926,701
	1909	$1,946,703,215	9.4	$3,582,403,574	17.3	$8,735,772,018	42.3	$14,264,878,807	69.0	$6,407,173,063	31.0	$20,672,051,870
Value added by manufacture	1899	$458,679,363	9.5	$773,117,708	16.0	$2,145,680,856	44.4	$3,377,477,927	69.9	$1,453,597,283	30.1	$4,831,075,210
	1909	$801,766,297	9.4	$1,431,052,146	16.8	$3,770,252,555	44.2	$6,003,670,998	70.4	$2,525,589,994	29.6	$8,529,260,992
Population	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	5,495,594	6.0	8,204,960	8.9	20,302,138	22.1	34,002,692	37.0	57,969,574	63.0	91,972,266

No. 134.—OLEOMARGARINE: PRODUCTION ON WHICH INTERNAL-REVENUE TAX WAS PAID, YEARS ENDED JUNE 30, 1910 TO 1913, BY STATES.

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

State.	1910		1911		1912		1913	
	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.
	Pounds.	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*
Arkansas	.....	.....	.....	.....	180	18.00	.....	.....
Colorado	408	40.80	61	6.10	.....	.....	.....	.....
Delaware	.....	.....	.....	.....	.....	.....	476	47.60
Georgia	255	25.50	.....	.....	.....	.....	.....	.....
Illinois	90,337,591	479,430.46	75,471,828	382,401.55	77,250,455	401,020.22	87,413,298	500,075.61
Indiana	1,581,898	15,923.64	943,164	8,524.59	1,139,825	8,682.50	1,402,905	10,656.45
Iowa	300	30.00	298	29.80	15	1.50	215	21.50
Kansas	12,423,962	55,958.48	9,793,566	37,584.29	9,728,218	36,846.37	12,902,214	51,462.45
Kentucky	1,150	115.01	6,019	66.01	.....	.....	49	4.90
Maryland	249,581	2,145.05	225,047	1,671.32	351,700	955.30	372,192	1,707.73
Massachusetts	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	5,904	561.15	1,037	96.68	16,775	1,677.50	.....	.....
Minnesota	1,182,400	2,956.00	1,238,000	3,095.00	1,407,000	3,517.50	1,607,852	4,019.63
Missouri	1,379,072	13,086.14	1,366,912	13,185.22	2,535,449	27,716.99	2,766,899	37,881.20
Nebraska	.....	.....	.....	.....	60	6.00	12	1.20
New Jersey	3,298,362	8,609.58	2,171,342	5,704.28	4,461,242	14,106.38	7,492,960	23,546.17
New York	1,240	124.00	660	66.00	25	2.50	3,780	378.00
North Carolina	303	30.30	.....	.....	.....	.....	.....	.....
Ohio	17,244,624	64,793.61	15,207,354	74,938.35	17,644,246	90,764.95	16,419,240	87,463.95
Pennsylvania	7,417	741.70	1,206	96.03	60	6.00	140	14.00
Rhode Island	11,242,304	28,402.16	10,271,968	25,679.92	10,376,488	25,941.22	11,402,041	28,605.04
Tennessee	.....	.....	10,935	1,093.50	.....	.....	.....	.....
Texas	797,716	16,788.94	891,302	16,965.38	1,299,087	18,270.03	1,372,282	18,682.63
Virginia	939	93.90	254	4.73	2,822	144.53	683	61.28
West Virginia	.....	.....	.....	.....	37,500	3,750.00	.....	.....
Total	[1]139,755,426	689,856.42	[2]117,600,953	571,158.75	[3]126,251,147	633,427.49	[4]143,157,238	764,629.34

[1] Includes 3,491,978 pounds, at 10 cents, and 136,263,448 pounds, at one-fourth of 1 cent per pound.
[2] Includes 2,842,629 pounds, at 10 cents, and 114,758,324 pounds, at one-fourth of 1 cent per pound.
[3] Includes 3,259,483 pounds, at 10 cents, and 122,991,664 pounds, at one-fourth of 1 cent per pound.
[4] Includes 4,171,654 pounds, at 10 cents, and 138,985,584 pounds, at one-fourth of 1 cent per pound.

No. 135.—BEET AND CANE SUGAR AND MOLASSES: QUANTITIES PRODUCED IN THE UNITED STATES, 1852 TO 1913.

[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 from special report of the Department of Agriculture; for 1901-2 and later years from "Progress of the Beet-Sugar Industry in the United States;" for other years from Willett & Gray.]

Period.[1]	Cane sugar.			Beet sugar.	Molasses.[2]		
	Louisiana.	Other Southern States.	Total.		Louisiana.	Other Southern States.	Total.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Gallons.*	*Gallons.*	*Gallons.*
1852-60[3]	313,341,526	17,885,898	331,227,423	.....	20,032,717	1,065,213	21,097,930
1861-70[3]	126,548,178	5,881,700	132,429,873	[4]896,000	8,048,261	951,954	9,000,215
1871-80[3]	159,125,435	8,975,100	168,100,535	851,200	11,096,738	1,213,302	12,310,040
1881-90[3]	267,329,637	14,671,650	282,001,287	2,353,568	14,737,034	3,800,728	18,537,762
1891-95[3]	527,509,180	13,775,473	541,284,654	27,272,000	21,277,179	6,124,752	27,401,932
1896-1900[3]	547,151,486	10,328,461	557,479,947	95,243,615	20,661,216	6,431,452	27,092,668
1900-1901	617,297,723	6,476,400	623,774,123	172,164,160	31,419,688	6,144,102	37,563,790
1901-2	720,554,948	8,095,500	728,650,448	369,211,733	23,727,735	7,680,127	31,407,862
1902-3	737,467,510	8,338,365	745,805,875	436,811,685	28,069,571	9,216,152	37,285,723
1903-4	481,600,000	[5]44,352,000	525,952,000	481,209,087	18,247,038	6,912,114	25,159,152
1904-5	750,400,000	[5]33,600,000	784,000,000	484,226,430	33,302,854	8,640,142	41,942,996
1905-6	739,200,000	[5]26,880,000	766,080,000	625,841,228	21,604,869	6,048,100	27,652,969
1906-7	515,200,000	[5]29,120,000	544,320,000	967,224,000	17,579,877	3,628,860	21,208,737
1907-8	761,600,000	[5]26,880,000	788,480,000	927,256,430	22,532,774	4,717,518	27,250,292
1908-9	795,200,000	[5]33,600,000	828,800,000	851,768,000	31,111,650	7,360,000	38,471,650
1909-10	728,000,000	[5]22,400,000	750,400,000	1,024,938,000	32,082,050	9,568,000	41,650,050
1910-11	685,440,000	[5]24,640,000	710,080,000	1,020,344,000	33,842,600	10,716,160	44,558,600
1911-12	707,840,000	16,000,000	723,840,000	1,199,000,000	26,120,100	8,000,000	34,120,100
1912-13[6]	324,800,000	18,001,000	342,801,000	1,385,112,000	20,297,500	9,200,000	29,497,500

[1] The periods relate to sugar-production years which end with March.
[2] All figures for molasses, except those for 1898-99, include sirup.
[3] Average for the period.
[4] 1864 to 1870.
[5] Texas only.
[6] Preliminary figures for cane sugar and molasses.

No. 136.—SUGAR, MOLASSES, AND SIRUP MADE IN FACTORIES FROM SUGAR CANE AND SUGAR BEETS FROM THE CROP OF 1909: 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	668,278,834	1,003,363,401	1,671,642,235
Value	$26,686,461	$45,937,629	$72,624,090
Molasses:			
Gallons	25,280,883	20,812,747	46,093,630
Value	$2,888,597	$1,129,905	$4,018,502
Sirup:			
Gallons	1,449,860	.....	1,449,860
Value	$365,632	.....	$365,632

No. 137.—BEET SUGAR: QUANTITIES PRODUCED IN THE UNITED STATES, 1901 TO 1911, AND IN 1912 BY STATES.

[Source: Reports of the Department of Agriculture.]

Crop year.	Factories in operation.	Area harvested.	Average yield of beets per acre.	Beets worked.	Sugar manufactured.		Av. extraction of sugar based on weight of beets.	Av. sugar in beets.[1]	Av. purity coefficient of beets.[2]	Av. length of campaign.
					Pounds.	Short tons.				
		Acres.	*Short tons.*	*Short tons.*			*P. ct.*	*P. ct.*		*Days.*
1901	36	175,083	9.63	1,685,689	369,211,733	184,606	10.95	14.8	82.2	88
1902	41	[3]216,400	8.76	1,895,812	436,811,685	218,406	11.52	[4]14.6	[4]83.3	94
1903	49	242,576	8.56	2,076,494	481,209,087	240,604	11.59	[4]15.1	(5)	75
1904	48	197,784	10.47	2,071,539	484,226,430	242,113	11.69	15.3	83.1	78
1905	52	307,364	8.67	2,665,913	625,841,228	312,921	11.74	15.3	83.0	77
1906	63	376,074	11.26	4,236,112	967,224,000	483,612	11.42	14.9	82.2	105
1907	63	370,984	10.16	3,767,871	927,256,000	463,628	12.30	15.8	83.6	89
1908	62	364,913	9.36	3,414,891	851,768,000	425,884	12.47	15.74	83.5	74
1909	65	420,262	9.71	4,081,332	1,024,938,000	512,469	12.56	16.10	84.11	83
1910	61	398,029	10.17	4,047,292	1,020,344,000	510,172	12.61	16.35	84.35	83
1911	66	473,877	10.68	5,062,333	1,199,000,000	599,500	11.84	15.89	.....	94
1912:										
California	11	111,416	9.01	1,004,328	317,808,000	158,904	15.82	18.79	83.99	90
Colorado	17	144,999	11.32	1,641,861	432,020,000	216,010	13.16	16.19	84.81	91
Michigan	16	124,241	6.75	838,784	190,098,000	95,049	11.33	14.72	83.75	74
Idaho and Utah	10	56,952	10.81	615,749	168,664,000	84,332	13.70	16.65	86.83	87
Ohio, Indiana, Illinois, and Wisconsin	11	53,986	9.90	[6]534,438	[6]115,842,000	[6]57,921	10.84	14.43	82.30	87
Other States	8	63,706	9.25	589,217	160,680,000	80,340	13.64	16.61	84.13	88
Totals and averages	73	555,300	9.41	5,224,377	1,385,112,000	692,556	13.26	16.31	84.49	86

[1] Based upon weight of beets.
[2] Percentage of sucrose (pure sugar) in the total soluble solids of the beets.
[3] Based on reports from 27 factories and careful estimates for 14 others.
[4] These averages are not based on data for all the factories, as some of them failed to report results of tests, but it is believed that they fairly represent the character of the total beet crops.
[5] No data reported.
[6] Including estimates of one factory, based upon acreage of beets.

No. 138.—FERMENTED LIQUORS AND DISTILLED SPIRITS PRODUCED, AND DISTILLED SPIRITS TAX PAID FOR CONSUMPTION: QUANTITIES[1] AND KINDS, 1893 TO 1913.

[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.*
1893	40,835,873	16,702,240	12,250,380	2,106,765	1,424,490	449,209	37,577,052	17,305,773	128,651,782	34,591,179	2,358,548	131,010,330	97,458,348
1894	15,518,349	10,026,544	10,570,070	1,864,595	1,287,977	126,506	35,377,115	14,434,336	89,205,492	33,362,373	2,948,159	92,153,651	87,346,834
1895	18,717,153	12,321,543	8,819,923	1,777,083	1,176,669	209,699	21,062,216	15,865,309	79,949,595	33,589,784	1,960,176	81,909,771	74,453,039
1896	16,935,862	19,153,066	9,960,301	1,490,228	1,098,376	198,299	25,564,738	22,187,833	86,588,703	35,859,250	3,403,852	89,992,555	67,039,910
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	420,333	25,876,229	27,983,051	97,064,565	[4]36,697,634	3,097,769	100,162,334	83,819,314
1900	19,411,829	14,296,568	10,735,771	1,614,514	1,597,081	249,743	24,173,671	33,405,523	105,484,700	[4]39,471,593	3,760,487	109,245,187	93,500,840
1901	26,209,804	18,263,709	10,775,117	1,724,582	1,636,299	454,627	30,228,804	35,227,657	124,520,599	[4]40,614,258	4,047,602	128,568,201	99,267,732
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	124,935	60,802,852	29,911,665	168,573,913	[4]58,622,002	6,138,305	174,712,218	134,142,074
1908	14,120,484	13,587,868	16,849,154	1,895,922	2,756,753	50,062	50,935,821	26,793,676	126,989,740	[4]58,814,033	6,899,823	133,889,563	119,808,402

Year ended June 30—	Whisky.	Rum.	Gin.	High wines.	Alcohol.	Commercial alcohol.	Total.	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].
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Barrels.*[3]	*Tax. galls.*	*Tax. galls.*	*Tax. galls.*
1909	70,152,175	1,952,374	2,483,743	221,277	42,563,103	16,078,083	133,450,755	[4]56,364,360	6,440,858	139,891,613	114,799,465
1910	82,463,894	2,253,950	2,985,435	206,534	50,703,846	17,623,867	156,237,526	[4]59,544,775	7,656,434	163,893,960	126,453,592
1911	100,647,155	2,631,059	3,345,371	165,018	24,408,462	[5]44,205,330	175,402,395	[4]63,283,123	7,953,132	183,355,527	132,166,148
1912	98,209,574	2,832,516	3,577,862	131,002	27,629,346	[5]45,869,685	178,249,985	[4]62,176,694	9,321,823	187,571,808	133,377,458
1913	99,615,823	2,750,346	4,014,601	90,294	30,320,894	[5]48,560,920	185,353,383	[4]65,324,876	8,252,875	193,606,258	140,418,289

[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. 139.—DISTILLED SPIRITS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1908 TO 1913.

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

State.	1908	1909	1910	1911	1912	1913
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]
Alabama and Mississippi[2]	122,266	176	.....	.....	122,348	122,427
Arkansas	53,048	13,036	38,223	62,655	69,230	113,103
California and Nevada	8,391,008	8,154,409	9,377,378	9,768,107	11,926,361	11,076,156
Colorado and Wyoming	.....	38	.....	.....	.....	.....
Connecticut	139,933	120,790	136,767	176,498	160,326	151,714
Rhode Island				1,237	1,413	4,212
Florida	54	49,430	212,837	158,780	120,882	141,177
Georgia	141,850	19,018	11,773	72	.....	218
Hawaii	715	6,332	19,467	27,151	11,221	30,934
Illinois	41,158,599	37,793,876	38,027,381	40,467,742	38,932,758	43,964,336
Indiana	23,983,222	21,916,486	25,873,720	28,588,922	27,522,220	28,552,317
Iowa	33,940	23	.....	.....	.....	.....
Kansas and Oklahoma[3]	.....	357	.....	.....	.....	.....
Kentucky	16,995,973	27,524,275	36,735,235	46,133,576	43,749,193	43,404,841
Louisiana and Mississippi[2]	3,902,525	5,890,692	8,860,832	9,639,498	10,867,595	11,322,848
Maryland and two counties in Virginia[4]	2,602,273	3,667,441	3,808,376	5,017,336	5,589,729	6,007,113
District of Columbia				453,015	626,863	635,023
Delaware				.....	.....	.....
Massachusetts	2,502,224	2,387,333	4,295,780	4,769,467	5,355,847	5,066,211
Michigan	1,876,607	2,180,436	2,376,643	1,215,864	2,284,627	2,004,580
Missouri	247,987	393,618	336,767	539,876	495,934	530,028
Montana, Idaho, and Utah	7,190	6,566	8,721	13,523	.....	.....
Nebraska	1,808,993	1,924,106	2,348,619	2,293,136	2,388,874	2,214,558
New Hampshire, Maine, and Vermont	20,773	.....	597	1,594	583	678
New Jersey	103,506	70,455	66,375	67,936	120,743	70,786
New Mexico and Arizona	157	279	103	1,195	891	1,373
New York	7,445,897	6,674,603	8,775,394	9,630,100	10,179,057	10,057,414
North Carolina	599,139	271,761	601	847	727	2,208
Ohio	10,323,194	9,119,611	9,320,420	10,305,038	11,419,929	11,268,793
Oregon	406	1,066	407	932	1,357	259
Pennsylvania	6,961,945	7,793,950	9,322,097	9,597,993	10,583,503	11,679,566
South Carolina	5,925	.....	.....	398,467	586,329	543,614
Tennessee	1,480,498	1,079,215	619,034	12,169	.....	1,956
Texas	20	928	.....	255	.....	622
Virginia	712,079	574,711	977,248	1,310,495	1,505,780	1,437,649
Washington and Alaska	614	187	175	727	115,492	448,963
West Virginia	178,086	174,021	197,414	171,744	294,117	296,403
Wisconsin	2,088,917	2,082,888	2,136,581	2,529,530	2,537,880	2,448,673
Total	133,889,563	139,891,613	163,893,960	183,355,527	187,571,808	193,606,258

[1] See explanation of terms, p. 7.

[2] State of Mississippi detached from Louisiana and consolidated with Alabama June 1, 1908, to be known as the district of Alabama.

[3] Oklahoma was detached Feb. 6, 1911, from the district of Kansas and constituted a separate collection district.

[4] After 1910 the two counties in Virginia are nominally included with that State.

NOTE.—There was no production of distilled spirits during the fiscal year 1913 in the following States and Territories: Alaska, Arizona, Colorado, Delaware, Idaho, Iowa, Kansas, Maine, Minnesota, Mississippi, Montana, Nevada, North Dakota, Oklahoma, South Dakota, Utah, Vermont, and Wyoming.

No. 140.—FERMENTED LIQUORS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1908 TO 1913.

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

State.	1908	1909	1910	1911	1912	1913
	Barrels.[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]
Alabama	90,088	57,319	11,553	13,290	39,885	44,945
Mississippi				.....	.....	.....
Arkansas	11,775	10,452	12,700	10,025	8,850	10,550
California	1,246,653	1,183,881	1,255,131	1,215,405	1,296,855	1,335,449
Nevada				18,740	18,662	15,420
Colorado	437,780	411,470	450,876	435,072	387,761	389,472
Wyoming				16,110	16,935	15,300
Connecticut	1,239,934	1,211,588	1,311,395	736,146	736,261	786,267
Rhode Island				649,171	667,385	701,680
Florida	14,968	15,750	19,425	18,350	21,200	25,500
Georgia	118,370	115,155	128,750	129,455	138,955	141,620
Hawaii	12,685	14,048	13,633	16,683	20,967	25,348
Illinois	5,535,299	5,525,473	6,024,884	6,639,254	6,263,862	6,656,823
Indiana	1,366,075	1,273,081	1,304,148	1,469,080	1,546,292	1,699,281
Iowa	411,455	437,177	482,668	511,536	447,114	484,088
Kansas and Oklahoma[2]	27,100	5,872	510	.....	101	.....
Kentucky	738,852	704,948	756,441	822,555	801,935	821,640
Louisiana and Mississippi[3]	511,439	475,432	466,301	471,560	483,988	542,156
Maryland and two counties in Virginia[4]				1,077,884	1,098,838	1,139,620
District of Columbia	1,443,952	1,376,610	1,434,519	286,721	284,576	266,580
Delaware				142,017	129,695	145,895
Massachusetts	2,202,006	2,043,018	2,112,006	2,381,435	2,386,905	2,541,615
Michigan	1,539,833	1,483,207	1,588,668	1,724,156	1,792,105	2,008,371
Minnesota	1,339,158	1,412,071	1,579,167	1,652,184	1,512,139	1,633,452
Missouri	3,855,642	3,718,554	3,905,585	4,223,769	4,020,390	4,170,085
Montana				241,385	232,618	266,851
Idaho	464,042	460,528	476,054	32,780	29,591	27,213
Utah				140,123	129,105	140,648
Nebraska	383,088	389,820	414,519	436,268	413,014	442,388
New Hampshire				260,395	266,720	289,010
Maine	301,132	274,733	268,168	632	355	360
Vermont				.....	.....	.....
New Jersey	3,179,206	3,114,943	3,261,214	3,418,162	3,397,375	3,531,616
New Mexico	27,197	24,525	26,075	8,777	9,240	8,756
Arizona				15,147	18,850	20,410
New York	12,963,905	12,573,773	13,097,340	13,732,743	13,677,850	13,956,878
North Carolina	10	.....	.....	.....	.....	.....
North Dakota	45,845	44,940	56,605	.....	.....	.....
South Dakota				52,345	44,808	44,352
Ohio	4,405,366	4,061,730	4,257,053	4,573,275	4,742,665	5,150,187
Oklahoma	.....	.....	.....	.....	72	178
Oregon	196,905	194,231	224,722	245,002	243,819	222,888
Pennsylvania	7,569,567	7,050,262	7,664,141	7,811,781	7,449,543	7,959,509
South Carolina	4,090	5,157	2,942	5,258	2,698	3,362
Tennessee	266,638	255,200	221,850	256,395	273,850	278,882
Texas	547,788	553,792	612,156	678,796	673,262	744,911
Virginia	192,814	164,298	174,479	190,473	196,756	203,511
Washington	877,263	822,234	867,065	875,028	854,147	876,772
Alaska				6,283	7,417	5,891
West Virginia	341,700	293,189	302,780	368,330	370,142	371,017
Wisconsin	4,916,473	4,600,931	4,816,387	5,287,347	5,016,761	5,171,179
Total[5]	58,814,038	56,364,360	59,544,775	63,283,123	62,176,694	65,824,876

[1] Of not more than 31 gallons.

[2] Oklahoma was detached Feb. 6, 1911, from the district of Kansas and constituted a separate collection district, but there was no production of fermented liquors in either State during the fiscal year 1911.

[3] State of Mississippi detached from Louisiana and consolidated with Alabama June 1, 1908, to be known as the district of Alabama.

[4] After 1910 the two counties in Virginia are nominally with that State.

[5] Includes quantities removed from breweries for export free of tax, as follows: 1907, 75,891 barrels; 1908, 66,353 barrels; 1909, 60,863 barrels; 1910, 59,653 barrels; 1911, 65,272 barrels; 1912, 68,061 barrels; 1913, 79,332 barrels.

No. 141.—COTTON SEED AND COTTONSEED PRODUCTS: PRODUCTION AND MANUFACTURE, QUANTITIES AND VALUES, 1887 TO 1912.

[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.	Cottonseed—			Cottonseed products.			
	Produced.	Manufactured.		Total value.	Oil.		
		Quantity.	Value per ton.		Quantity.	Value.	
						Total.	Per gallon.
	Short tons.	*Short tons.*	*Dolls.*	*Dollars.*	*Gallons.*	*Dollars.*	*Cents.*
1887	3,291,000	823,000	.....	17,130,000	32,910,000	11,520,000	35
1888	3,310,000	794,000	.....	20,370,000	31,770,000	13,980,000	44
1889	3,495,000	874,000	.....	16,400,000	34,950,000	10,130,000	29
1890	4,093,000	1,023,000	.....	19,790,000	40,930,000	11,460,000	28
1891	4,274,000	1,068,000	.....	20,520,000	42,740,000	11,540,000	27
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	11.60	42,410,000	93,330,000	21,390,000	23
1900	4,830,000	2,415,000	16.00	48,230,000	96,610,000	26,080,000	27
1901	4,630,000	3,154,000	12.50	62,980,000	118,610,000	33,210,000	28
1902	5,092,000	3,269,000	15.80	71,290,000	122,910,000	40,560,000	33
1903	4,717,000	3,241,000	17.80	73,930,000	121,880,000	39,000,000	32
1904	6,427,000	3,345,000	14.20	69,310,000	133,820,000	31,340,000	23
1905	5,060,000	3,131,000	14.90	64,950,000	125,700,000	26,400,000	21
1906	5,913,000	3,844,000	13.80	94,380,000	153,760,000	43,050,000	28
1907	4,952,000	2,565,000	17.60	65,980,000	103,050,000	33,390,000	32
1908	5,904,000	3,670,000	15.60	86,090,000	146,790,000	44,090,000	30
1909	4,462,000	3,269,000	27.70	105,720,000	131,000,000	55,230,000	42
1910	5,175,000	4,106,000	27.40	142,710,000	167,970,000	80,430,000	48
1911	6,997,000	4,921,073	18.30	131,340,000	201,650,000	66,580,000	33
1912	6,104,000	4,579,508	21.20	132,230,000	185,750,000	69,100,000	37

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.*[1]	*Dollars.*	*Cents.*
1887	288,000	5,610,000	19.48	.....	.....	.....	.....	.....	.....
1888	278,000	6,390,000	22.99	.....	.....	.....	.....	.....	.....
1889	306,000	6,270,000	20.49	.....	.....	.....	.....	.....	.....
1890	358,000	8,330,000	23.27	.....	.....	.....	.....	.....	.....
1891	374,000	8,980,000	24.00	.....	.....	.....	.....	.....	.....
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	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

[1] Of 500 pounds net.

No. 142.—BUILDING OPERATIONS: NUMBER OF PERMITS AND COST OF BUILDINGS, BY PRINCIPAL CITIES, CALENDAR YEARS 1907 TO 1913.

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

City.	1907		1908		1909		1910		1911		1912		1913 [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.	Cost of buildings.
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*	*Dollars.*
Allegheny, Pa	609	2,224,541	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	----------
Atlanta, Ga	4,169	4,554,771	4,153	4,833,941	4,399	5,551,951	4,011	6,645,167	3,993	6,142,077	3,529	9,806,836	5,190,363
Baltimore, Md	3,129	8,250,677	2,893	7,554,709	3,076	9,761,788	2,289	9,346,394	(3)	(3)	(3)	(3)	9,225,901
Boston, Mass	3,546	19,223,226	2,632	11,253,712	3,702	16,756,431	[4] 3,608	[4] 20,869,671	3,547	19,379,396	4,410	26,755,652	20,649,389
Brooklyn, N. Y	17,397	71,292,844	10,769	45,865,240	13,756	64,267,301	9,892	39,233,098	9,223	37,218,384	11,408	40,537,784	39,718,659
Buffalo, N. Y	3,049	8,742,082	2,788	6,847,000	3,361	9,895,000	3,494	9,232,000	3,402	10,364,000	4,090	12,992,000	11,992,621
Cambridge, Mass	451	2,729,345	425	2,153,070	490	2,249,745	389	2,339,900	567	2,905,525	580	2,946,490	8,047,656
Chicago, Ill	9,353	59,093,080	10,627	67,234,800	21,941	95,238,380	11,409	96,932,700	12,586	103,272,000	10,751	83,175,900	90,980,820
Cincinnati, Ohio	2,215	7,680,160	3,553	6,428,888	3,181	7,429,529	4,860	8,052,440	11,228	12,688,540	5,386	8,660,264	6,733,099
Cleveland, Ohio	8,174	15,888,407	6,674	9,896,869	6,834	13,028,294	7,460	13,948,413	7,860	16,994,677	8,790	18,180,078	23,816,160
Columbus, Ohio	2,173	4,181,260	1,698	3,400,273	1,790	3,598,601	2,363	5,133,591	2,694	4,668,277	2,656	4,675,303	5,508,408
Dayton, Ohio	1,394	3,837,180	1,193	3,234,280	794	1,700,500	1,082	2,015,000	993	2,339,390	1,214	3,552,120	4,997,170
Denver, Colo	2,509	6,349,604	3,117	10,098,020	3,270	11,554,983	2,683	11,319,955	2,410	6,084,260	2,254	5,332,675	2,797,148
Detroit, Mich	4,941	14,226,300	3,662	10,682,170	4,399	14,301,450	5,498	17,415,950	6,667	19,012,670	7,991	25,588,470	29,819,190
Fall River, Mass	312	1,414,916	399	1,140,927	461	1,146,702	469	1,544,120	496	2,706,575	572	1,240,255	(5)
Grand Rapids, Mich	1,174	2,053,755	1,064	2,181,759	1,290	2,872,427	1,268	2,255,621	1,312	2,520,296	1,433	2,456,516	4,674,389
Hartford, Conn	733	4,054,335	676	3,107,348	863	3,440,925	1,053	4,541,979	1,305	5,896,244	1,277	7,379,525	5,784,751
Indianapolis, Ind	3,903	5,893,726	4,013	5,895,928	3,931	7,156,560	5,112	8,194,311	4,941	8,349,477	4,781	9,150,407	9,390,913
Jersey City, N. J	1,687	6,008,014	1,367	4,490,466	1,466	6,882,610	1,522	6,932,570	2,012	5,506,342	1,336	5,911,880	(3)
Kansas City, Kans	944	1,472,279	792	1,108,472	728	1,196,390	800	1,101,356	639	867,702	455	795,775	1,266,009
Kansas City, Mo	3,943	9,611,922	3,840	10,562,041	4,194	13,367,730	3,637	13,783,196	3,736	12,818,103	3,953	12,127,079	10,895,207
Los Angeles, Cal	7,599	13,304,696	7,371	9,931,377	8,522	13,256,329	10,738	21,684,100	12,498	23,004,185	16,455	31,367,995	31,641,921
Louisville, Ky	2,634	3,078,404	2,909	2,914,141	2,823	2,972,505	2,468	3,996,792	2,447	5,625,527	2,379	6,562,777	4,052,547
Lowell, Mass	441	1,225,317	497	1,019,081	506	1,328,853	562	1,777,654	564	1,500,269	572	1,291,649	899,300
Memphis, Tenn	2,592	4,957,999	2,519	3,300,508	2,556	4,324,377	3,419	6,280,498	3,213	5,859,146	3,657	7,162,214	3,949,368
Milwaukee, Wis	3,625	10,771,244	4,169	10,065,669	5,068	11,841,713	4,086	9,797,580	4,360	12,299,375	4,361	15,257,162	13,576,397

Minneapolis, Minn	4,960	10,006,485	5,638	10,093,915	6,055	13,092,390	6,225	14,363,830	6,026	13,735,285	5,965	14,229,475	12,857,135
Nashville, Tenn	5,202	2,040,458	4,215	1,969,505	2,231	1,676,572	2,006	1,676,640	1,515	1,499,408	1,503	1,378,997	1,666,600
Newark, N. J	2,732	9,543,520	2,419	7,161,668	3,082	14,177,159	2,781	13,394,812	2,460	10,975,334	2,937	11,628,358	16,246,308
New Bedford, Mass	682	2,256,000	774	2,872,300	986	6,267,650	1,179	7,037,337	950	2,601,150	940	2,400,050	3,048,575
New Haven, Conn	781	2,824,942	919	3,091,465	1,047	4,226,322	1,035	4,386,065	1,196	5,868,519	1,330	4,762,341	4,793,351
New Orleans, La	1,880	5,815,247	2,457	5,744,311	2,795	5,165,212	2,530	4,483,730	[5] 2,282	[6] 3,155,150	1,794	3,309,620	4,087,261
New York, N. Y.[6]	7,470	113,372,673	6,103	117,819,382	7,629	186,047,477	6,877	154,075,625	6,496	135,703,715	8,283	163,519,362	105,477,503
Oakland, Cal	4,507	8,207,983	3,614	6,320,563	3,286	5,318,512	3,968	6,913,643	3,946	7,132,566	4,058	8,821,950	9,506,193
Omaha, Nebr	1,500	4,536,643	1,526	4,590,650	1,606	7,204,140	1,533	6,250,988	1,372	5,426,863	1,372	4,546,761	4,110,733
Philadelphia, Pa	15,359	36,352,075	13,363	28,152,265	17,294	42,881,370	8,592	37,866,565	16,215	40,030,985	11,192	36,392,405	38,966,850
Pittsburgh, Pa	3,631	12,740,762	[2] 4,023	[2] 13,136,387	[2] 2,503	[2] 14,026,888	[2] 3,903	[2] 12,753,664	[2] 4,392	[2] 11,903,257	[2] 3,890	[2] 11,530,531	[2] 15,470,953
Portland, Oreg	3,890	9,446,982	4,849	10,505,151	4,739	13,481,380	6,523	20,886,202	7,686	19,152,370	8,224	14,652,071	13,272,125
Providence, R. I	1,201	3,224,400	1,336	4,034,000	1,788	5,340,500	2,268	4,935,300	2,755	5,524,200	2,856	8,530,800	(3)
Reading, Pa	1,193	1,532,050	571	497,700	458	1,046,900	411	1,054,555	(3)	(3)	(3)	(3)	775,900
Richmond, Va	701	1,914,184	1,330	3,169,431	1,378	3,574,812	1,397	4,012,822	1,528	6,018,699	1,631	6,255,711	3,636,476
Rochester, N. Y	1,420	6,752,615	1,302	4,975,317	3,122	9,272,132	3,456	10,082,528	3,680	9,389,775	3,888	12,035,466	9,643,123
St. Joseph, Mo	824	1,667,563	678	1,717,723	937	2,255,759	772	1,129,931	648	995,473	850	1,119,797	873,763
St. Louis, Mo	8,554	21,893,167	9,119	21,190,369	9,279	23,733,272	[4] 9,419	19,600,063	8,152	18,607,556	8,760	20,675,804	12,875,504
St. Paul, Minn	1,892	6,321,937	[7] 2,270	7,625,538	4,158	12,158,354	3,809	10,053,006	2,033	6,909,240	3,491	8,051,417	9,441,221
San Francisco, Cal	6,437	56,574,844	6,729	31,668,341	5,773	26,184,068	5,690	20,508,556	6,079	20,915,474	6,316	23,338,563	32,797,259
Scranton, Pa	937	2,435,024	892	2,366,405	975	3,987,943	894	2,085,948	787	1,969,454	676	1,716,491	1,260,403
Seattle, Wash	10,478	13,572,770	7,901	13,777,329	14,884	19,044,335	13,082	17,418,078	10,959	7,491,156	9,819	8,415,325	9,321,115
Syracuse, N. Y	1,299	4,222,282	1,291	3,317,195	1,573	4,855,811	1,701	5,019,032	1,698	5,238,134	1,546	4,487,861	5,202,168
Toledo, Ohio	1,176	3,400,665	1,065	2,081,448	1,314	2,014,462	1,732	4,058,188	(3)	(3)	(3)	(3)	5,986,301
Washington, D. C	5,015	10,215,604	5,258	10,800,096	9,935	15,468,635	5,766	13,731,756	4,678	14,464,548	5,048	17,593,848	9,272,146
Worcester, Mass	1,028	3,068,896	1,102	2,286,261	1,270	4,314,435	1,257	4,284,055	1,545	4,716,163	1,698	6,689,900	4,899,313
Total	187,445	646,059,855	174,594	566,165,404	213,498	771,937,564	192,978	726,436,975	201,771	687,506,961	202,357	738,989,710	672,095,665

[1] Figures for 1913 are from "Bradstreet's" and cover expenditures for building operations.
[2] Statistics for Allegheny, Pa., which became a part of Pittsburgh, Pa., Feb. 1, 1908, are included under Pittsburgh.
[3] Data lacking.
[4] Buildings erected.
[5] Public buildings not included.
[6] Data for the boroughs of Manhattan and Bronx only.
[7] Estimated.

No. 143.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909.

[Source: Reports of the Bureau of the Census, Department of Commerce. The figures for some industries do not represent the total production, because important establishments that manufacture the same class of products may be included in other industries. Primary horsepower includes power generated in manufacturing establishments plus electric and other power rented from outside sources; it does not include electric power generated by primary units of the establishments reporting. In the statistics of power for 1899 there is a difference of 154,723 horsepower between the total and the sum of the figures for the various industries. This is due to the impossibility of making a correct revision of the figures for each industry for comparison with 1904 and 1909. A minus sign (—) denotes decrease.]

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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
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	6.7	30.6
	1904	648	496	7,199	47,394	55,089	89,738	196,741	7,573	25,003	48,281	112,007	63,726	1.7	10.7
	1899	715	.....	10,046	46,582	.....	70,646	157,708	8,363	22,451	43,945	101,207	57,262	.....	.....
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	130.6	357.0
	1904	213	289	281	4,343	4,913	184	2,568	232	1,397	2,014	5,247	3,233	—18.5	—16.6
	1899	224	.....	285	5,331	.....	113	3,633	291	1,561	2,763	6,293	3,530	.....	.....
Artificial stone [1]	1909	3,439	4,208	1,037	9,957	15,202	12,185	16,010	785	5,342	7,043	18,596	11,553	297.3	350.5
	1904	477	571	340	2,506	3,417	2,776	3,316	261	1,403	1,430	4,128	2,698	.....	.....
Artists' materials	1909	46	25	182	658	865	1,628	1,730	202	307	1,360	2,340	980	140.1	105.4
	1904	28	30	68	274	372	568	876	67	137	687	1,139	452	37.0	129.2
	1899	21	.....	32	200	.....	289	377	38	79	249	497	248	.....	.....
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	528.4	729.7
	1904	178	103	1,181	12,049	13,333	10,109	23,084	1,257	7,159	13,151	30,034	16,883	437.7	532.6
	1899	57	.....	268	2,241	.....	.....	5,769	295	1,321	1,804	4,748	2,944	.....	.....
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	23.6	28.7
	1904	390	442	532	3,432	4,406	1,105	4,793	507	1,757	6,670	11,269	4,599	2.9	23.2
	1899	340	.....	416	3,335	.....	921	3,537	325	1,569	5,228	9,144	3,916	.....	.....
Axle grease	1909	38	13	145	176	334	492	935	155	88	828	1,481	653	47.9	68.5
	1904	25	22	55	119	196	210	608	55	62	368	879	511	— 6.3	22.4
	1899	29	.....	85	127	.....	181	577	83	55	360	718	358	.....	.....

Babbitt metal and solder	1909	109	66	528	897	1,491	2,293	7,418	739	561	16,270	19,768	3,498	57.6	50.9
	1904	75	70	243	569	882	1,138	4,129	265	338	10,864	13,100	2,236	6.4	42.5
	1899	51	.....	145	535	.....	999	3,116	172	295	7,998	9,191	1,193	.....	.....
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	39.3	46.7
	1904	79	54	532	5,722	6,308	4,522	12,387	602	1,829	30,758	37,399	6,641	45.9	90.3
	1899	73	.....	336	3,922	.....	1,755	7,418	379	1,102	16,439	19,652	3,213	.....	.....
Bags, paper	1909	74	42	429	3,212	3,683	3,885	10,780	714	1,306	10,355	15,698	5,343	29.9	55.6
	1904	62	53	360	2,473	2,886	2,927	11,441	405	930	6,595	10,087	3,492	24.3	48.4
	1899	63	.....	340	1,989	.....	2,148	6,917	369	628	4,499	6,799	2,300	.....	.....
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	−12.0	9.1
	1904	164	150	756	2,449	3,355	2,965	13,233	939	1,042	8,940	19,043	10,103	26.4	30.7
	1899	191	.....	749	1,938	.....	2,446	8,338	835	717	7,127	14,568	7,441	.....	.....
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	− 8.7	9.8
	1904	486	525	236	5,106	5,867	6,252	3,600	203	1,731	1,803	5,187	3,384	21.1	42.7
	1899	454	.....	182	4,217	.....	5,997	2,844	140	1,213	1,335	3,636	2,301	.....	.....
Beet sugar	1909	58	1	1,184	7,204	8,389	57,202	129,629	1,769	4,808	27,265	48,122	20,857	81.8	97.3
	1904	51	.....	763	3,963	4,726	35,490	55,923	1,005	2,487	14,487	24,394	9,907	101.2	233.1
	1899	30	.....	350	1,970	.....	14,460	20,142	357	1,092	4,804	7,324	2,520	.....	.....
Belting and hose, leather	1909	139	100	1,264	3,006	4,370	5,638	17,457	1,502	1,861	15,623	23,692	8,069	43.7	66.6
	1904	117	94	614	2,092	2,800	3,220	10,785	787	1,165	9,317	14,220	4,903	25.5	33.9
	1899	104	.....	443	1,667	.....	2,162	7,408	485	914	7,500	10,623	3,123	.....	.....
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	43.9	39.0
	1904	39	15	614	4,390	5,019	13,491	15,909	984	2,057	10,787	17,791	7,004	116.8	153.4
	1899	25	.....	231	2,025	.....	5,612	6,020	380	982	4,528	6,886	2,358	.....	.....
Bicycles, motor cycles, and parts	1909	95	78	502	4,437	5,017	5,932	9,780	582	2,908	5,083	10,699	5,616	33.7	107.6
	1904	101	81	361	3,319	3,761	5,730	5,883	351	1,971	2,628	5,153	2,525	−81.1	−83.9
	1899	312	.....	2,034	17,525	.....	19,847	29,784	1,753	8,190	16,792	31,916	15,124	.....	.....
Billiard tables and materials	1909	54	48	233	1,495	1,776	2,642	4,705	352	1,011	3,369	5,873	2,509	87.8	164.4
	1904	48	52	116	796	964	631	1,618	151	501	937	2,223	1,286	75.7	34.9
	1899	74	.....	88	453	.....	277	884	105	278	729	1,648	919	.....	.....
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	35.6	69.7
	1904	294	281	723	1,782	2,786	2,708	4,560	774	738	4,383	8,651	4,268	1.4	29.2
	1899	275	.....	686	1,758	.....	1,873	3,662	713	634	3,152	6,698	3,546	.....	.....
Bluing	1909	82	94	138	313	545	242	556	112	114	494	1,074	580	51.9	58.2
	1904	56	53	47	206	306	284	570	45	77	266	679	413	− 6.4	17.9
	1899	65	.....	54	220	.....	116	415	41	79	245	576	331	.....	.....
Bone, carbon, and lampblack	1909	27	7	67	228	302	1,023	1,842	78	149	445	1,093	648	14.0	68.7
	1904	25	11	47	200	258	1,085	1,663	48	105	203	648	445	135.3	80.0
	1899	15	.....	21	85	.....	365	782	24	46	106	360	254	.....	.....
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	23.7	43.4
	1905	1,895	2,128	9,518	160,294	171,940	63,968	136,802	9,412	73,072	225,288	357,688	132,400	6.0	23.3
	1899	2,253	.....	8,348	151,231	.....	55,489	110,363	8,159	61,924	191,456	290,047	98,591	.....	.....

[1] Included in "Marble and stone" in 1899.

No. 143.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Boots and shoes, rubber	1909	22	.....	1,257	17,612	18,899	25,903	43,905	1,415	8,544	29,577	49,721	20,144	− 7.3	−29.0
	1904	22	2	822	18,991	19,815	26,084	39,442	874	8,867	32,000	70,065	38,065	32.0	70.5
	1899	22	.....	483	14,391	.....	25,017	33,668	597	6,427	22,683	41,090	18,407	.....	.....
Boxes, cigar	1909	274	301	436	6,115	6,852	6,049	5,403	471	2,234	4,313	8,491	4,178	− 2.7	9.1
	1904	297	384	370	6,282	7,036	5,548	4,457	333	2,120	3,810	7,786	3,976	36.3	32.9
	1899	315	.....	216	4,609	.....	4,274	3,288	172	1,440	3,061	5,857	2,796	.....	.....
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	23.2	47.7
	1904	796	786	2,326	32,082	35,194	15,117	22,691	2,313	10,208	16,686	36,867	20,181	16.0	35.0
	1899	729	.....	1,368	27,653	.....	9,286	14,979	1,269	8,152	11,765	27,316	15,551	.....	.....
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	22.5	46.5
	1904	813	784	3,000	33,168	36,952	69,494	77,438	3,778	17,666	65,653	102,407	36,754	22.1	15.5
	1899	695	.....	1,313	27,166	.....	47,257	51,120	2,297	13,599	61,189	88,654	27,465	.....	.....
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	23.3	47.2
	1904	18,226	20,037	8,358	81,278	109,673	37,241	122,353	6,273	43,172	155,989	269,583	113,594	35.0	53.7
	1899	14,836	.....	9,167	60,192	.....	22,472	80,902	6,063	27,864	95,052	175,369	80,317	.....	.....
Brick and tile	1909	4,215	4,285	4,951	76,528	85,764	341,169	174,673	5,439	37,139	23,736	92,776	69,040	15.9	30.4
	1904	4,634	5,295	3,690	66,021	75,006	255,362	119,957	3,530	28,646	16,317	71,152	54,835	6.5	38.8
	1899	5,423	.....	2,426	61,979	.....	176,700	82,086	2,025	21,833	11,006	51,270	40,264	.....	.....
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	6.4	38.0
	1904	1,316	1,551	982	11,425	13,958	6,441	12,052	925	4,380	10,999	21,104	10,105	10.4	14.2
	1899	1,523	.....	900	10,346	.....	4,482	9,616	758	3,788	9,544	18,484	8,940	.....	.....
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	18.5	63.2
	1904	8,926	6,801	3,507	15,557	25,865	93,845	47,256	1,376	8,413	142,920	168,183	25,263	21.5	28.6
	1899	9,242	.....	2,818	12,799	.....	88,062	36,303	912	6,146	108,841	130,783	21,942	.....	.....

Butter, reworking	1909	24	10	113	295	418	1,471	3,543	128	186	7,424	8,200	776	−27.0	12.8
	1904	35	32	90	404	526	1,684	1,719	85	252	6,247	7,271	1,024	173.0	243.8
	1899	10	.....	29	148	.....	631	256	30	68	1,345	2,115	770	.....	.....
Buttons	1909	444	519	1,058	16,427	18,004	12,831	15,640	1,299	6,789	9,541	22,708	13,167	55.5	104.0
	1904	275	302	768	10,567	11,637	6,982	7,784	711	3,680	4,144	11,134	6,990	21.7	44.7
	1899	238	.....	339	8,685	.....	4,165	4,213	296	2,826	2,803	7,696	4,893	.....	.....
Calcium lights	1909	10	7	4	15	26	53	55	4	11	24	52	28	−63.4	−61.5
	1904	22	28	16	41	85	132	144	12	24	35	135	100	−25.5	13.4
	1899	19	.....	6	55	.....	80	95	6	24	35	119	84	.....	.....
Candles [2]	1909	16	7	103	539	649	799	2,959	161	246	2,176	3,130	954	−33.9	−19.5
	1904	17	25	89	816	930	931	3,004	135	294	2,911	3,889	978	.....	.....
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	5.3	20.4
	1904	3,168	3,450	5,628	56,944	66,022	60,831	79,246	5,231	16,336	83,147	130,466	47,319	− 0.1	31.3
	1899	2,570	.....	4,199	57,012	.....	38,624	55,481	3,479	13,705	63,668	99,335	35,667	.....	.....
Card cutting and designing	1909	68	79	98	525	702	269	684	93	238	374	1,031	657	−24.6	− 4.8
	1904	60	72	66	696	834	222	488	52	261	478	1,083	605	114.2	75.2
	1899	43	.....	25	325	.....	219	338	22	135	313	618	305	.....	.....
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	0.3	15.6
	1904	139	149	1,023	33,221	34,393	33,945	56,781	1,397	13,724	37,948	61,586	23,638	16.9	27.8
	1899	133	.....	687	28,411	.....	26,740	44,449	881	11,121	27,229	48,192	20,963	.....	.....
Carpets, rag	1909	428	489	217	1,982	2,688	2,651	1,546	182	860	689	2,568	1,879	14.2	33.9
	1904	363	458	137	1,736	2,331	1,667	1,100	87	675	489	1,918	1,429	31.7	9.3
	1899	805	.....	57	1,318	.....	599	867	30	443	622	1,755	1,133	.....	.....
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	32.4	38.2
	1904	78	52	324	4,003	4,379	3,633	4,336	341	1,783	2,840	6,371	3,531	46.8	48.5
	1899	77	.....	172	2,726	.....	2,462	2,907	159	1,090	1,996	4,290	2,294	.....	.....
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	−10.2	2.6
	1904	5,588	6,575	6,294	77,882	90,751	106,159	152,345	6,581	38,303	77,528	155,869	78,341	5.5	12.7
	1899	6,792	.....	5,026	73,812	.....	83,771	128,962	4,759	33,565	66,772	138,262	71,490	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1909	1,145	2	19,097	282,174	301,273	293,361	238,317	17,339	181,344	199,413	405,601	206,188	19.1	30.9
	1904	1,140	.....	13,329	236,870	250,199	167,973	146,886	11,920	142,153	151,105	309,775	158,670	36.4	42.0
	1899	1,292	.....	7,094	173,595	.....	95,087	119,473	6,208	96,007	109,472	218,114	108,642	.....	.....
Cars and general shop construction and repairs by street-railroad companies.	1909	541	.....	1,281	22,418	23,699	35,794	38,899	1,204	14,486	15,168	31,963	16,795	102.8	137.9
	1904	86	.....	499	11,052	11,551	3,154	12,906	543	7,013	5,463	13,437	7,974	57.3	43.4
	1899	108	.....	201	7,025	.....	6,443	10,782	194	4,405	4,337	9,371	5,034	.....	.....

[1] Includes 898 establishments reported as "Brooms" and 384 as "Brushes" in 1909.

[2] Included in "Soap" in 1899.

No. 143.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	Dolls.	Dollars.	Dollars.	Dollars.	Dollars.		
Cars, steam-railroad, not including operations of railroad companies.	1909	110	7	4,001	43,086	47,094	97,797	139,805	5,138	27,135	78,753	123,730	44,977	26.5	11.3
	1904	73	6	2,303	34,058	36,367	55,994	88,179	2,855	20,248	75,657	111,175	35,518	1.8	22.8
	1899	65	.....	1,366	33,453	.....	33,395	88,324	1,538	16,987	61,743	90,510	28,767	.....	.....
Cars, street-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	−24.2	−28.0
	1904	14	3	264	4,730	4,997	7,054	12,976	398	2,840	5,341	10,844	5,503	31.9	48.4
	1899	20	.....	144	3,585	.....	4,865	7,615	235	1,951	3,967	7,305	3,338	.....	.....
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	83.0	140.1
	1904	32	10	923	4,079	5,012	4,139	7,588	1,109	2,442	1,516	9,875	8,359	97.3	74.0
	1899	18	.....	327	2,067	.....	1,340	5,242	329	1,250	921	5,675	4,754	.....	.....
Cement [1]	1909	135	17	2,719	26,775	29,511	371,799	187,398	3,653	15,320	29,344	63,205	33,861	53.2	111.6
	1904	129	26	1,383	17,478	18,887	149,604	85,759	1,858	8,814	12,215	29,873	17,658	.....	.....
Charcoal	1909	76	75	25	631	731	165	641	23	253	448	872	424	−31.6	−32.5
	1904	74	77	25	923	1,025	355	717	22	343	642	1,292	650	−48.3	13.9
	1899	183	.....	23	1,786	.....	164	811	16	431	405	1,134	729	.....	.....
Chemicals [2]	1909	349	154	3,923	23,714	27,791	208,604	155,144	6,137	14,085	64,122	117,689	53,567	19.7	56.5
	1904	275	123	2,778	19,806	22,707	132,262	96,621	4,048	10,790	42,063	75,222	33,159	4.1	20.1
	1899	433	.....	2,123	19,020	.....	90,349	89,069	2,923	9,393	34,546	62,637	28,091	.....	.....
China decorating	1909	40	45	63	328	436	18	559	80	191	311	786	475	45.8	140.4
	1904	28	30	18	225	273	6	261	16	99	108	327	219	−24.5	32.6
	1899	49	.....	31	298	.....	.....	269	21	122	207	485	278	.....	.....
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	35.2	55.6
	1904	25	15	291	2,090	2,396	5,217	8,379	463	822	9,723	14,390	4,667	59.1	48.9
	1899	24	.....	289	1,314	.....	2,756	6,891	371	526	6,877	9,666	2,789	.....	.....
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	5.7	18.2
	1904	97	63	1,249	22,579	23,891	10,731	42,189	1,638	11,892	9,872	29,790	19,918	31.6	34.7
	1899	109	.....	676	17,155	.....	7,251	31,514	957	8,315	8,819	22,110	13,291	.....	.....

Cloth, sponging and refinishing	1909	57	67	125	975	1,167	704	629	127	651	85	1,544	1,459	22.6	46.6
	1904	55	68	59	795	922	322	401	62	504	39	1,053	1,014	48.9	86.0
	1899	46	.....	39	534	.....	109	289	35	268	17	566	549	.....	.....
Clothing, horse	1909	33	40	142	1,648	1,830	1,454	3,279	171	492	2,773	4,135	1,362	55.0	93.2
	1904	29	32	73	1,063	1,168	656	1,499	72	342	1,329	2,140	811	84.9	64.0
	1899	26	.....	55	575	.....	271	654	47	177	848	1,305	457	.....	.....
Clothing, men's, buttonholes	1909	146	181	20	830	1,031	176	225	12	389	105	781	676	− 8.1	11.6
	1904	141	164	8	903	1,075	137	262	5	380	95	700	605	− 4.3	2.8
	1899	149	.....	11	944	.....	113	247	6	332	98	681	583	.....	.....
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	38.0	39.7
	1904	5,145	7,006	15,671	173,689	196,366	29,829	176,557	15,740	68,459	211,433	406,768	195,335	10.2	25.6
	1899	6,419	.....	11,906	157,549	.....	20,457	140,191	12,032	56,391	168,169	323,839	155,670	.....	.....
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	32.9	55.4
	1904	3,351	4,913	10,920	115,705	131,538	14,916	73,948	9,976	51,180	130,720	247,662	116,942	38.2	55.4
	1899	2,701	.....	6,715	83,739	.....	9,962	48,432	6,574	32,586	84,705	159,340	74,635	.....	.....
Coffee and spice, roasting and grinding.[3]	1909	607	497	5,529	7,490	13,516	22,334	46,042	6,596	3,676	83,205	110,533	27,328	25.7	31.3
	1904	421	442	2,844	5,959	9,245	15,703	38,735	3,216	2,830	65,847	84,188	18,341	− 6.7	21.1
	1899	458	.....	2,749	6,387	.....	16,270	28,437	2,951	2,487	55,112	69,527	14,415	.....	.....
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	10.3	21.0
	1904	239	168	1,161	8,468	9,797	13,178	18,532	1,345	4,120	9,501	20,266	10,765	23.8	45.3
	1899	217	.....	948	6,840	.....	8,927	13,585	1,023	3,077	6,945	13,952	7,007	.....	.....
Coke	1909	315	101	1,852	29,273	31,226	62,602	152,321	2,072	15,454	64,025	95,697	31,672	54.2	85.0
	1904	278	73	1,386	18,981	20,440	66,669	90,713	1,247	9,304	29,885	51,729	21,844	11.7	45.4
	1899	241	.....	915	16,999	.....	34,767	36,503	797	7,086	19,666	35,585	15,919	.....	.....
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	23.2	54.8
	1904	1,348	1,366	5,124	36,239	42,729	24,292	43,125	4,840	11,699	48,810	87,087	38,277	34.9	43.6
	1899	962	.....	4,304	26,866	.....	19,410	26,319	3,525	8,020	35,354	60,644	25,290	.....	.....
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	− 5.3	4.0
	1904	1,719	1,853	1,537	27,743	31,133	56,988	36,756	1,752	11,843	34,971	57,956	22,985	9.6	37.9
	1899	1,798	.....	969	25,323	.....	38,462	25,602	963	9,860	23,619	42,025	18,406	.....	.....
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	38.8	66.6
	1904	2,540	2,851	4,827	53,035	60,713	30,229	147,608	6,070	26,269	63,921	119,933	56,012	38.4	53.1
	1899	1,985	.....	2,924	38,317	.....	28,829	49,679	2,810	16,924	42,602	78,359	35,757	.....	.....
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	1.9	− 5.6
	1904	145	60	1,050	25,332	26,442	66,244	56,467	1,597	8,824	46,031	64,064	18,633	17.0	31.8
	1899	160	.....	682	21,651	.....	47,999	43,153	1,021	6,554	33,064	49,078	16,014	.....	.....
Cordials and sirups	1909	117	94	449	1,095	1,638	1,154	4,804	627	503	5,341	9,662	4,321	65.9	175.3
	1904	63	68	171	660	899	782	1,666	242	235	2,149	3,510	1,361	82.3	66.6
	1899	39	.....	112	362	.....	573	1,153	121	117	1,505	2,107	602	.....	.....

[1] Included in "Lime" in 1899.

[2] Includes "Sulphuric, nitric, and mixed acids" and "Wood distillation, not including turpentine and rosin," in 1899.

[3] Includes "Peanuts, grading, roasting, cleaning, and shelling," in 1899.

No. 143.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	Dolls.	Dollars.	Dollars.	Dollars.	Dollars.		
Cork, cutting	1909	62	49	185	3,142	3,376	3,746	5,327	267	1,098	3,435	5,940	2,505	8.5	32.3
	1904	50	49	136	2,895	3,080	2,589	4,009	198	888	2,459	4,491	2,032	23.7	2.3
	1899	62	.....	136	2,340	.....	1,563	2,684	195	683	2,404	4,392	1,988	.....	.....
Corsets	1909	138	91	1,956	17,564	19,611	4,581	18,033	2,871	6,464	15,640	33,257	17,617	60.0	123.8
	1904	109	96	877	10,975	11,948	3,284	9,589	1,010	3,600	6,135	14,862	8,727	—10.8	2.8
	1899	138	.....	815	12,297	.....	3,638	7,290	906	3,645	6,357	14,451	8,094	.....	.....
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	371,099	628,392	257,383	19.9	39.5
	1904	1,154	432	6,981	315,874	323,287	986,604	613,111	10,238	96,206	286,255	450,468	164,213	4.3	32.8
	1899	1,055	.....	4,902	302,861	.....	795,834	467,240	7,350	86,690	176,552	339,200	162,648	.....	.....
Crucibles	1909	12	4	59	335	398	816	2,051	130	180	1,089	1,849	760	19.6	37.7
	1904	11	3	57	280	340	627	1,577	116	159	762	1,343	581	—58.3	—48.5
	1899	11	.....	89	671	.....	760	1,844	154	251	1,673	2,607	934	.....	.....
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	26.0	36.5
	1904	838	827	1,989	26,188	29,004	54,397	43,729	2,333	13,125	13,278	33,022	25,744	33.3	38.6
	1899	721	.....	1,464	19,642	.....	38,283	30,152	1,606	9,434	9,748	28,146	18,398	.....	.....
Dairymen's, poulterers', and apiarists' supplies.[1]	1909	233	206	1,354	4,871	6,431	6,898	15,188	1,416	2,671	6,089	15,463	9,374	36.8	136.3
	1904	176	165	500	2,608	3,273	3,994	5,030	359	1,167	3,203	6,545	3,342	.....	.....
Dentists' materials	1909	87	69	340	1,573	1,982	865	6,258	545	744	8,101	10,836	2,735	—18.2	38.7
	1904	80	79	290	1,922	2,291	1,113	4,681	334	949	5,510	7,810	2,300	89.0	109.9
	1899	68	.....	182	1,017	.....	375	2,112	184	509	2,109	3,721	1,612	.....	.....
Drug grinding	1909	25	16	214	922	1,152	3,322	5,187	268	464	3,454	6,007	2,553	— 6.0	16.7
	1904	27	23	107	981	1,111	2,866	4,991	155	433	3,024	5,146	2,122	52.3	19.5
	1899	26	.....	102	644	.....	4,697	2,838	127	292	3,315	4,308	993	.....	.....
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	23.8	64.3
	1904	360	310	2,196	35,565	38,071	84,868	88,709	3,407	15,449	19,621	50,850	31,229	19.4	13.1
	1899	298	.....	1,318	29,776	.....	69,238	60,643	2,267	12,726	17,958	44,963	27,005	.....	.....

Dyestuffs and extracts	1909	107	65	553	2,397	3,015	22,213	17,935	942	1,291	9,684	15,955	6,271	−11.5	46.5
	1904	98	82	361	2,707	3,150	17,671	14,904	609	1,264	6,829	10,893	4,064	64.4	48.2
	1899	77	.....	229	1,647	.....	11,409	7,839	312	788	4,746	7,351	2,605	.....	.....
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	44.3	57.2
	1904	784	400	10,619	60,466	71,485	105,376	174,066	11,091	31,842	66,837	140,809	73,972	43.9	52.3
	1899	581	.....	5,067	42,013	.....	43,674	83,660	4,632	20,579	49,458	92,434	42,976	.....	.....
Electroplating	1909	461	554	287	2,717	3,558	4,461	2,324	243	1,652	1,205	4,510	3,305	39.8	52.1
	1904	312	371	144	1,943	2,458	2,588	1,287	132	1,093	747	2,965	2,218	− 6.9	9.0
	1899	302	.....	115	2,086	.....	2,933	1,322	93	949	784	2,720	1,936	.....	.....
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	142.6	225.5
	1904	34	11	188	801	1,000	1,965	2,249	217	451	705	2,062	1,357	46.7	49.2
	1899	34	.....	125	546	.....	1,044	1,490	127	303	509	1,382	873	.....	.....
Enameling and japanning [2]	1909	108	105	188	2,125	2,418	1,695	2,880	204	922	1,496	3,316	1,820	−78.7	−79.7
	1904	124	99	595	9,963	10,657	7,856	18,571	814	3,830	7,394	16,316	8,922	27.2	60.1
	1899	167	.....	307	7,835	.....	3,052	9,302	309	2,334	5,522	10,194	4,672	.....	.....
Engravers' materials	1909	18	13	47	129	189	549	393	68	96	609	921	312	163.3	438.6
	1904	10	13	6	49	68	135	98	11	31	96	171	75	−35.5	−39.4
	1899	11	.....	13	76	.....	105	101	22	45	142	282	140	.....	.....
Engraving and diesinking	1909	253	300	174	1,308	1,782	768	1,449	168	821	351	2,250	1,899	−16.8	− 7.1
	1904	395	352	175	1,573	2,100	1,032	1,211	160	1,032	376	2,422	2,046	63.2	65.0
	1899	277	.....	75	964	.....	616	720	63	543	203	1,468	1,265	.....	.....
Engraving, wood	1909	82	89	73	318	480	39	193	82	259	126	711	585	− 5.9	9.7
	1904	114	129	38	338	505	45	185	42	245	60	648	588	.6	5.5
	1899	144	.....	22	336	.....	47	231	23	206	63	614	551	.....	.....
Explosives	1909	86	21	763	6,274	7,058	28,601	50,168	1,134	4,304	22,812	40,140	17,328	8.2	35.6
	1904	124	24	1,289	5,800	7,113	29,665	42,307	1,797	3,309	17,204	29,603	12,399	28.8	72.9
	1899	97	.....	768	4,502	.....	19,195	19,466	914	2,384	10,335	17,125	6,790	.....	.....
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	19.5	28.6
	1904	435	483	1,066	10,199	11,748	5,886	9,501	1,037	4,080	7,537	17,594	10,057	20.7	36.4
	1899	496	.....	875	8,451	.....	4,386	6,854	739	3,023	5,943	12,396	6,953	.....	.....
Fertilizers	1909	550	323	3,317	18,310	21,950	64,711	121,537	4,406	7,477	69,522	103,960	34,438	29.1	83.9
	1904	399	294	1,613	14,184	16,091	47,989	68,917	1,934	5,127	39,288	56,541	17,253	22.5	26.6
	1899	422	.....	1,712	11,581	.....	38,680	60,686	2,125	4,185	28,958	44,657	15,699	.....	.....
Files	1909	57	47	316	4,158	4,521	7,383	10,413	338	1,978	1,596	5,691	4,095	26.9	29.6
	1904	62	65	109	3,276	3,450	5,697	5,866	170	1,514	1,311	4,392	3,081	3.7	29.0
	1899	86	.....	127	3,160	.....	4,835	3,858	154	1,277	1,166	3,404	2,238	.....	.....
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	7.9	20.9
	1904	62	38	728	13,634	14,400	21,408	22,493	1,100	7,755	12,339	28,206	15,867	40.4	52.7
	1899	65	.....	432	9,713	.....	7,470	13,635	614	5,103	8,742	18,472	9,730	.....	.....

[1] Included in other classifications in 1899.

[2] Totals for 1899 and 1904 include some establishments classed as "Copper, tin, and sheet-iron products" in 1909.

No. 143.—Summary of Manufactures, by Specified Industries, Calendar Years 1899, 1904, and 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Fire extinguishers, chemical	1909	31	10	95	195	300	215	527	134	127	305	754	449	9.6	29.6
	1904	35	23	66	178	267	140	338	59	108	229	582	353	178.1	167.0
	1899	17	.....	47	64	.....	26	137	39	33	71	218	147	.....	.....
Fireworks	1909	42	22	142	1,403	1,567	517	2,209	217	579	896	2,269	1,373	— 5.2	14.2
	1904	34	25	132	1,480	1,637	347	1,543	141	536	769	1,987	1,218	— 9.6	11.3
	1899	46	.....	136	1,638	.....	219	1,086	146	507	628	1,785	1,157	.....	.....
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	24.4	44.7
	1904	171	169	476	2,872	3,517	949	3,916	482	1,128	2,506	5,608	3,102	38.2	37.2
	1899	145	.....	306	2,078	.....	435	2,406	259	620	2,144	4,088	1,944	.....	.....
Flavoring extracts	1909	420	377	1,028	1,229	2,634	1,060	5,341	1,082	558	4,458	8,828	4,370	—20.4	13.6
	1904	377	384	672	1,543	2,599	873	4,405	698	653	3,936	7,772	3,836	23.3	23.2
	1899	350	.....	594	1,251	.....	704	3,314	654	478	3,291	6,308	3,017	.....	.....
Flax and hemp, dressed	1909	16	22	30	164	216	1,147	785	29	64	336	467	131	—23.4	34.6
	1904	17	17	15	214	246	600	239	9	60	233	347	114	1.4	118.2
	1899	4	.....	12	211	.....	187	72	7	46	91	159	68	.....	.....
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	.9	23.9
	1904	10,051	13,098	7,415	39,110	59,623	775,318	265,117	7,352	19,822	619,971	713,033	93,062	21.4	42.2
	1899	9,476	.....	5,522	32,226	.....	670,719	189,281	5,258	16,285	428,117	501,396	73,279	.....	.....
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	32.1	104.9
	1904	766	749	2,657	11,333	14,739	28,162	51,784	2,999	4,398	37,668	61,180	23,512	38.0	53.6
	1899	645	.....	1,538	8,214	.....	15,485	21,401	1,495	3,099	24,777	39,837	15,060	.....	.....
Foundry and machine-shop products.[1]	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	19.8	39.5
	1904	10,765	9,370	49,406	443,409	502,185	606,165	1,034,135	59,703	246,573	367,412	880,514	513,102	3.8	10.3
	1899	11,046	.....	34,286	426,985	.....	443,085	790,741	39,318	219,870	363,036	798,454	435,418	.....	.....
Foundry supplies	1909	49	27	219	464	710	4,995	2,688	255	276	1,272	2,298	1,026	47.3	117.0
	1904	34	22	77	315	414	3,543	1,516	73	156	625	1,059	434	13.3	— 6.2
	1899	30	.....	75	278	.....	3,505	982	79	136	628	1,129	501	.....	.....

Fuel, manufactured [2]	1909	11	2	22	88	112	1,290	432	22	50	155	311	156	.....	.....
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	27.3	50.7
	1904	867	1,245	1,172	9,370	11,787	1,994	17,990	1,229	5,123	21,202	37,119	15,917	20.8	43.3
	1899	734	.....	1,141	7,758	.....	907	12,484	1,006	3,927	14,281	25,899	11,618	.....	.....
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	41.6	78.9
	1904	547	694	2,597	27,185	30,476	5,421	28,044	2,158	8,760	26,565	49,032	22,467	−10.3	10.6
	1899	457	.....	2,149	30,322	.....	3,552	20,576	2,188	9,730	23,670	44,346	20,676	.....	.....
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	12.5	34.9
	1904	2,593	2,286	8,642	114,165	125,093	169,774	158,986	9,524	51,788	76,892	177,795	100,903	26.0	36.1
	1899	1,909	.....	6,751	90,591	.....	119,608	109,267	6,692	36,920	57,406	130,634	73,228	.....	.....
Furs, dressed	1909	93	115	116	1,241	1,472	2,103	1,672	135	806	811	2,391	1,580	12.3	−25.7
	1904	85	109	110	1,105	1,324	1,260	1,296	110	755	1,642	3,216	1,574	32.3	129.7
	1899	92	.....	46	835	.....	1,063	798	49	478	520	1,400	880	.....	.....
Galvanizing	1909	46	26	216	1,447	1,689	1,367	4,197	257	787	5,719	7,338	1,619	15.2	14.3
	1904	36	34	167	1,256	1,457	1,603	2,690	192	620	4,745	6,419	1,674	134.8	159.8
	1899	28	.....	52	535	.....	409	1,776	47	229	1,678	2,471	793	.....	.....
Gas and electric fixtures and lamps and reflectors.	1909	619	431	3,614	18,861	22,906	15,862	36,835	4,340	10,393	20,467	45,057	24,590	50.0	69.6
	1904	405	334	1,749	12,570	14,653	8,444	28,002	2,198	6,408	11,078	26,560	15,482	11.9	34.0
	1899	377	.....	1,294	11,238	.....	6,991	15,855	1,492	5,188	7,962	19,821	11,859	.....	.....
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	21.8	33.3
	1904	1,019	71	9,406	30,566	40,043	73,101	725,035	8,464	17,058	37,180	125,145	87,965	36.1	65.3
	1899	877	.....	5,904	22,459	.....	31,797	567,001	5,273	12,436	20,605	75,717	55,112	.....	.....
Glass	1909	363	87	3,575	68,911	72,573	123,132	129,288	4,994	39,300	32,119	92,095	59,976	7.7	15.7
	1904	399	96	3,040	63,969	67,105	91,476	89,389	3,940	37,288	26,146	79,608	53,462	21.1	40.8
	1899	355	.....	2,268	52,818	.....	52,943	61,424	2,792	27,085	16,731	56,540	39,809	.....	.....
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	11.7	22.6
	1904	453	504	743	8,379	9,626	3,973	7,365	776	4,359	4,845	13,138	8,293	70.5	50.1
	1899	411	.....	475	4,914	.....	2,098	4,001	487	2,394	3,535	8,750	5,215	.....	.....
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	6.7	33.2
	1904	339	427	640	10,645	11,712	2,725	10,706	585	3,840	10,001	17,740	7,739	−25.8	4.8
	1899	394	.....	659	14,345	.....	2,165	9,090	547	4,183	9,483	16,926	7,443	.....	.....
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	2.0	49.5
	1904	140	111	619	4,679	5,409	35,986	24,053	655	2,641	25,519	32,650	7,131	−21.3	5.6
	1899	132	.....	553	5,943	.....	26,642	52,683	732	2,855	21,580	30,927	9,347	.....	.....
Glue	1909	65	45	530	3,265	3,840	15,596	14,289	747	1,571	7,525	13,718	6,193	14.0	36.7
	1904	58	42	352	2,864	3,258	14,280	10,673	465	1,529	6,186	10,035	3,849	77.0	86.2
	1899	61	.....	159	1,618	.....	6,806	6,144	192	685	3,767	5,389	1,622	.....	.....

[1] Includes "Locomotives, not made by railroad companies," and "Stoves and furnaces, including gas and oil stoves," in 1899. [2] Not reported separately in 1904 or 1899.

No. 143.—Summary of Manufactures, by Specified Industries, Calendar Years 1899, 1904, and 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
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	− 1.4	− 2.4
	1904	83	106	86	1,402	1,594	278	1,072	85	663	1,476	2,695	1,219	20.6	1.1
	1899	93	.....	35	1,163	.....	149	1,087	36	499	1,604	2,666	1,062	.....	.....
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	58.9	26.1
	1904	41	57	95	287	439	1,068	2,326	127	206	17,538	18,724	1,186	31.0	58.5
	1899	57	.....	76	219	.....	765	1,944	83	141	10,932	11,812	880	.....	.....
Graphite and graphite refining	1909	9	4	96	162	262	1,472	1,786	115	89	405	1,140	735	−25.7	233.3
	1904	11	6	33	218	257	922	478	30	108	117	342	225	59.1	−20.3
	1899	11	.....	16	137	.....	805	411	21	64	217	429	212	.....	.....
Grease and tallow	1909	353	364	783	4,357	5,504	14,613	16,676	991	2,629	15,543	23,419	7,876	20.1	24.5
	1904	300	306	481	3,628	4,415	11,738	10,284	583	2,114	12,369	18,815	6,446	77.8	57.4
	1899	287	.....	256	2,040	.....	8,031	7,071	266	1,067	8,752	11,953	3,201	.....	.....
Grindstones	1909	14	6	85	1,394	1,485	5,700	4,939	159	638	468	1,688	1,220	91.4	114.2
	1904	23	10	50	706	766	2,602	1,869	81	275	264	788	524	−39.5	−27.6
	1899	25	.....	60	1,167	.....	2,677	903	58	407	264	1,089	825	.....	.....
Haircloth [1]	1909	14	11	72	538	621	995	2,281	72	252	1,614	2,230	616	.....	.....
Hair work	1909	250	298	551	3,534	4,383	218	4,716	434	1,610	6,081	11,216	5,135	309.5	529.4
	1904	125	148	126	863	1,137	62	1,132	98	335	728	1,782	1,054	5.2	26.7
	1899	158	.....	44	820	.....	23	760	33	287	496	1,406	910	.....	.....
Hammocks	1909	15	14	39	272	325	157	344	34	95	311	578	267	.4	29.3
	1904	14	19	26	271	316	171	290	27	91	190	447	257	−20.1	− 6.9
	1899	13	.....	21	339	.....	113	308	16	102	243	480	237	.....	.....
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	9.6	30.7
	1904	327	363	280	1,506	2,149	721	1,915	224	797	737	2,811	2,074	2.4	7.7
	1899	360	.....	171	1,470	.....	462	1,736	141	696	663	2,611	1,948	.....	.....

Hat and cap materials	1909	74	63	188	2,367	2,618	2,922	6,183	231	947	5,380	8,236	2,856	−1.9	27.9
	1904	65	87	114	2,414	2,615	2,239	4,265	127	849	4,217	6,440	2,223	76.1	67.3
	1899	70	.....	50	1,371	.....	1,770	1,744	60	434	2,798	3,849	1,051	.....	.....
Hats and caps, other than felt, straw, and wool.[2]	1909	494	688	720	6,201	7,609	990	5,275	783	3,421	6,690	13,689	6,999	−6.0	5.7
	1904	415	605	418	6,594	7,617	797	4,185	436	3,354	6,308	12,956	6,648	−47.4	−39.4
	1899	644	.....	643	12,544	.....	3,252	8,394	675	5,025	10,907	21,393	10,486	.....	.....
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	13.7	30.7
	1904	216	252	1,367	22,047	23,666	16,630	23,258	1,488	11,282	15,975	36,629	20,654	16.8	31.7
	1899	171	.....	726	18,880	.....	11,843	16,701	944	9,119	13,514	27,811	14,297	.....	.....
Hats, straw [3]	1909	98	91	799	8,814	9,704	3,482	11,538	1,427	4,471	11,468	21,424	9,956	58.3	106.9
	1904	68	79	438	5,567	6,084	2,366	6,036	487	2,434	5,510	10,357	4,847	.....	.....
Hones and whetstones	1909	18	13	8	152	173	677	382	6	72	110	268	158	−30.9	−13.0
	1904	17	12	19	220	251	684	423	20	94	103	308	205	16.4	57.1
	1899	18	.....	19	189	.....	593	217	6	73	64	196	132	.....	.....
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	26.3	−27.0
	1904	8	1	40	232	273	1,014	1,227	54	127	256	799	543	.4	60.4
	1899	7	.....	18	231	.....	545	463	36	117	211	498	287	.....	.....
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	24.2	46.0
	1904	1,144	1,067	4,330	104,092	109,489	78,769	106,943	4,455	31,615	76,789	137,076	60,287	24.4	43.0
	1899	1,006	.....	2,831	83,691	.....	57,346	82,066	3,138	24,434	51,195	95,834	44,639	.....	.....
House-furnishing goods, not elsewhere specified.	1909	260	236	773	4,907	5,916	9,328	12,784	1,007	2,035	12,371	18,509	6,138	2.7	23.3
	1904	237	234	543	4,778	5,555	8,743	9,872	582	1,880	9,627	15,011	5,384	−8.3	5.1
	1899	209	.....	584	5,212	.....	8,531	10,634	628	1,838	9,198	14,278	5,080	.....	.....
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	59.5	80.6
	1904	1,320	746	2,332	10,101	13,179	191,660	66,592	2,001	5,549	6,011	23,790	17,779	46.8	72.6
	1899	775	.....	1,531	6,880	.....	100,421	38,020	1,226	3,403	3,312	13,781	10,469	.....	.....
Ink, printing	1909	71	38	695	1,121	1,854	5,857	7,144	1,092	773	4,175	8,865	4,690	57.7	53.5
	1904	60	45	361	711	1,117	3,384	4,610	530	475	2,613	5,774	3,161	41.4	87.5
	1899	60	.....	253	503	.....	1,895	2,945	345	298	1,536	3,080	1,544	.....	.....
Ink, writing	1909	47	37	282	505	824	169	2,114	376	203	1,078	2,505	1,427	17.4	33.2
	1904	42	36	141	430	607	224	1,287	191	170	858	1,881	1,023	50.9	45.5
	1899	44	.....	148	285	.....	359	877	134	114	573	1,293	720	.....	.....
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	40.2	95.3
	1904	225	200	508	3,437	4,145	2,110	5,383	532	1,823	1,350	5,378	4,028	23.9	10.8
	1899	261	.....	389	2,775	.....	2,471	4,476	402	1,429	1,363	4,853	3,490	.....	.....
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	9.6	68.8
	1904	190	26	2,231	35,078	37,335	773,278	236,146	2,891	18,935	178,942	231,823	52,881	−10.6	12.1
	1899	223	.....	1,757	39,241	.....	497,272	143,159	2,304	18,484	131,504	206,757	75,253	.....	.....

[1] Included in other classifications in 1904 and 1899. [2] Includes "Hats, straw," in 1899. [3] Included in "Hats and caps, other than felt, straw, and wool," in 1899.

No. 143.—Summary of Manufactures, by Specified Industries, Calendar Years 1899, 1904, and 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
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	163,201	657,501	985,723	328,222	15.7	46.3
	1904	415	64	14,330	207,562	221,956	1,649,299	700,182	17,860	122,492	441,204	673,965	232,761	13.3	12.9
	1899	445	.....	7,454	183,249	.....	1,100,801	430,232	9,433	102,336	390,895	597,212	206,317	.....	.....
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.	1909	108	38	1,012	11,345	12,395	22,113	30,250	1,373	5,793	12,804	24,485	11,681	40.2	66.7
	1904	88	49	632	8,090	8,771	13,825	18,913	912	3,642	7,807	14,687	6,880	5.6	5.1
	1899	72	.....	420	7,660	.....	9,165	10,800	571	2,992	8,071	13,978	5,907	.....	.....
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	129.0	103.5
	1904	24	19	93	699	811	969	1,120	117	407	602	1,477	875	497.4	361.6
	1899	13	.....	20	117	.....	223	262	19	86	116	320	204	.....	.....
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	44.2	67.6
	1904	138	77	605	5,665	6,347	16,060	28,246	824	3,428	5,752	12,110	6,358	20.8	16.0
	1899	90	.....	322	4,688	.....	7,697	9,676	411	2,559	5,213	10,438	5,225	.....	.....
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	8,898	562	1,353	3,972	8,192	4,220	−24.9	−8.2
	1904	76	60	406	3,681	4,147	10,533	8,742	454	1,684	4,686	8,923	4,237	−17.8	−39.6
	1899	102	.....	431	4,477	.....	12,853	10,751	444	2,042	8,562	14,777	6,215	.....	.....
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	25.9	77.5
	1904	27	11	296	5,416	5,723	15,094	13,053	369	2,473	12,747	17,401	4,654	−2.2	−18.3
	1899	19	.....	193	5,536	.....	11,717	18,344	266	2,496	15,524	21,292	5,768	.....	.....
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	37.4	51.0
	1904	1,023	1,436	2,603	22,080	26,119	7,872	39,679	2,939	12,593	24,177	53,226	29,049	7.9	15.4
	1899	851	.....	1,806	20,468	.....	6,656	27,872	1,842	10,644	22,235	46,129	23,894	.....	.....
Jewelry and instrument cases	1909	120	139	232	2,070	2,441	527	1,841	232	954	1,221	3,116	1,895	23.5	36.0
	1904	97	126	121	1,676	1,923	359	1,438	107	624	843	2,292	1,449	104.6	98.1
	1899	63	.....	52	819	.....	208	548	35	323	436	1,157	721	.....	.....
Kaolin and ground earths	1909	119	53	308	1,990	2,351	20,920	13,226	417	897	2,042	4,681	2,639	−7.7	5.5
	1904	131	91	253	2,157	2,501	17,325	10,196	329	899	1,869	4,439	2,570	3.0	19.3
	1899	145	.....	232	2,094	.....	18,404	12,212	257	821	1,651	3,722	2,071	.....	.....

Labels and tags	1909	96	85	482	2,313	2,880	1,589	3,857	541	1,123	1,910	4,670	2,760	71.6	89.7
	1904	67	65	197	1,348	1,610	919	2,118	258	609	957	2,462	1,505	78.8	122.8
	1899	47	.....	96	754	.....	392	848	120	289	388	1,105	717	.....	.....
Lapidary work	1909	77	90	169	627	886	679	4,808	195	889	6,560	9,173	2,613	23.7	20.0
	1904	54	72	102	507	681	554	2,384	109	657	6,224	7,647	1,423	1.8	32.2
	1899	60	.....	43	498	.....	212	3,087	51	499	4,656	5,786	1,130	.....	.....
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	− 9.5	68.5
	1904	9	10	77	441	528	598	1,163	108	219	5,640	6,129	489	−11.6	−29.0
	1899	19	.....	54	499	.....	714	1,336	80	238	7,497	8,631	1,134	.....	.....
Lasts	1909	60	47	254	1,728	2,029	3,386	3,061	412	1,203	1,324	4,159	2,835	43.0	65.0
	1904	55	59	186	1,208	1,453	2,865	2,009	223	798	768	2,520	1,752	6.8	34.0
	1899	65	.....	97	1,131	.....	1,951	1,485	108	650	527	1,880	1,353	.....	.....
Lead, bar, pipe, and sheet	1909	33	8	234	802	1,044	3,179	20,587	360	510	7,412	9,145	1,733	24.3	− 1.4
	1904	32	11	177	646	834	2,487	5,015	239	405	7,910	9,277	1,367	6.8	24.1
	1899	34	.....	151	605	.....	2,007	3,949	202	322	6,280	7,478	1,198	.....	.....
Leather goods	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	2.1	27.5
	1904	1,918	2,148	4,171	34,189	40,508	16,257	50,919	4,148	15,707	44,435	82,121	37,686	16.8	35.9
	1899	1,568	.....	3,207	29,274	.....	10,947	33,895	2,829	11,892	33,195	60,414	27,219	.....	.....
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	8.7	29.8
	1904	1,049	1,112	3,251	57,239	61,602	117,450	242,584	4,452	27,049	191,179	252,621	61,442	9.8	23.8
	1899	1,306	.....	2,442	52,109	.....	88,860	173,977	3,159	22,591	155,000	204,038	49,038	.....	.....
Lime[1]	1909	853	794	968	13,897	15,659	27,671	32,520	1,080	5,980	6,731	17,952	11,221	24.6	21.7
	1904	526	500	731	11,152	12,383	18,198	22,596	703	4,597	5,437	14,751	9,314	−41.6	−48.6
	1899	998	.....	1,406	19,085	.....	93,540	48,787	1,416	7,741	11,040	28,674	17,634	.....	.....
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	20.1	55.9
	1904	805	794	1,080	5,355	7,229	42,349	50,101	1,393	2,657	25,626	131,270	105,644	44.0	35.6
	1899	965	.....	661	3,720	.....	31,427	32,540	890	1,733	15,145	96,794	81,649	.....	.....
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	13.4	25.6
	1904	1,530	876	9,055	48,137	58,068	266,159	515,630	17,316	34,541	74,907	298,346	223,439	22.0	25.9
	1899	1,507	.....	7,146	39,459	.....	197,901	413,767	13,038	25,776	51,598	236,915	185,317	.....	.....
Liquors, vinous	1909	290	236	579	1,911	2,726	6,771	27,908	863	972	6,626	13,121	6,495	− .1	18.2
	1904	435	396	492	1,913	2,801	6,713	17,775	573	1,002	5,693	11,098	5,405	64.5	69.5
	1899	359	.....	344	1,163	.....	3,416	9,838	365	446	3,689	6,547	2,858	.....	.....
Locomotives, not made by railroad companies.[2]	1909	16	7	2,029	14,909	16,945	35,102	52,060	2,297	8,914	15,060	31,582	16,522	−39.9	−47.0
	1904	15	9	1,164	24,806	25,979	29,806	38,421	1,675	15,798	27,703	59,552	31,849	.....	.....
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	− 9.1	1.5
	1904	442	467	984	6,625	8,076	4,653	7,634	955	3,315	4,975	13,270	8,295	9.9	22.3
	1899	362	.....	884	6,029	.....	3,357	5,500	789	2,550	4,729	10,847	6,118	.....	.....

[1] Includes "Cement" and "Wall plaster" in 1899.

[2] Included in "Foundry and machine-shop products" in 1899.

No. 143.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars*	*Dollars.*	*Dollars.*	*Dollars.*		
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	30.5	30.7
	1904	25,153	30,738	30,038	532,566	593,342	1,886,624	733,708	31,737	245,834	360,325	884,267	523,942	4.7	16.2
	1899	28,133	.....	20,940	508,766	.....	1,658,594	541,595	18,715	188,395	364,964	760,992	396,028	.....	.....
Malt	1909	114	52	425	1,760	2,237	26,441	60,286	884	1,348	30,464	38,252	7,788	—14.3	26.3
	1904	141	96	444	2,054	2,594	20,288	47,934	747	1,457	23,621	30,289	6,668	3.2	56.3
	1899	146	.....	290	1,990	.....	13,834	39,288	471	1,183	14,817	19,374	4,557	.....	.....
Marble and stone work[1]	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	28.4	33.3
	1904	2,608	3,300	3,456	51,110	57,866	102,887	79,170	4,000	31,899	26,569	84,844	58,275	22.6	33.3
	1899	2,952	.....	2,606	41,686	.....	83,119	52,982	2,440	22,843	21,546	63,667	42,121	.....	.....
Matches	1909	26	46	543	3,631	4,220	6,224	11,953	723	1,390	4,599	11,353	6,754	14.0	101.0
	1904	23	7	176	3,185	3,368	3,539	5,334	178	1,101	3,285	5,647	2,362	55.6	— 6.0
	1899	22	.....	66	2,047	.....	2,666	3,893	87	613	3,421	6,006	2,585	.....	.....
Mats and matting	1909	12	18	85	937	1,040	1,433	4,051	95	385	1,067	2,432	1,365	49.9	95.7
	1904	12	13	58	625	696	1,524	839	67	249	574	1,243	669	—47.8	6.7
	1899	9	.....	42	1,197	.....	1,733	994	31	237	516	1,165	649	.....	.....
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	8.6	28.9
	1904	716	757	1,254	10,427	12,438	13,220	14,514	1,253	4,816	15,326	27,755	12,429	36.3	54.6
	1899	589	.....	851	7,649	.....	7,980	7,999	770	3,102	10,227	17,956	7,729	.....	.....
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	42.5	69.2
	1904	860	1,163	2,754	27,500	31,417	4,737	17,850	2,296	10,307	26,259	50,778	24,519	63.0	72.3
	1899	591	.....	1,592	16,871	.....	1,852	10,765	1,393	5,818	15,654	29,469	13,815	.....	.....
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	20.8	43.8
	1904	3,468	4,099	1,576	10,879	16,554	12,214	28,098	1,393	5,488	10,002	30,251	20,249	23.8	30.0
	1899	2,763	.....	1,423	8,788	.....	8,037	19,727	1,161	4,080	8,565	23,269	14,704	.....	.....
Mirrors	1909	148	131	384	2,994	3,509	3,862	4,890	450	1,763	5,905	9,571	3,666	13.0	25.9
	1904	119	117	302	2,649	3,068	2,795	3,859	332	1,375	4,587	7,605	3,018	3.7	— 5.0
	1899	103	.....	269	2,555	.....	2,333	3,184	277	1,232	4,996	8,004	3,008	.....	.....

Models and patterns, not including paper patterns.	1909	709	840	439	4,171	5,450	5,486	5,576	490	2,929	2,878	8,868	5,992	50.0	95.1
	1904	547	656	242	2,780	3,678	4,358	2,896	238	1,788	922	4,545	3,623	6.6	18.5
	1899	530	.....	118	2,607	.....	3,021	2,250	113	1,565	825	3,834	3,009	.....	.....
Moving pictures	1909	16	5	207	506	718	486	19,428	396	335	2,192	4,206	2,014	.....	.....
Mucilage and paste	1909	127	108	255	538	901	2,335	2,717	353	286	3,283	4,918	1,635	14.5	38.3
	1904	111	100	158	470	728	1,505	2,430	166	237	2,301	3,556	1,255	2.6	39.1
	1899	116	.....	166	458	.....	1,426	1,220	155	193	1,613	2,556	943	.....	.....
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	−14.8	− 7.3
	1904	181	190	225	2,139	2,554	1,603	3,743	252	1,162	1,130	3,482	2,352	−11.1	2.6
	1899	229	.....	158	2,405	.....	1,417	3,896	142	1,232	1,205	3,395	2,190	.....	.....
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	14.9	35.9
	1904	444	303	2,722	33,081	36,106	30,134	68,482	3,728	18,527	27,987	66,093	38,106	55.2	61.1
	1899	390	.....	1,518	21,309	.....	20,789	43,810	2,015	11,543	17,371	41,024	23,653	.....	.....
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	17.0	40.9
	1904	46	31	200	3,965	4,196	2,440	5,332	253	1,596	1,584	4,751	3,167	49.5	46.7
	1899	52	.....	135	2,653	.....	2,103	4,618	147	1,067	1,228	3,238	2,010	.....	.....
Oakum	1909	6	7	9	113	129	289	342	14	42	232	338	106	−20.4	− 6.4
	1904	6	5	11	142	158	367	488	14	49	241	361	120	−17.0	−18.0
	1899	7	.....	10	171	.....	375	416	17	51	284	440	156	.....	.....
Oil, castor	1909	4	4	12	54	70	385	1,038	27	32	661	905	244	25.6	40.7
	1904	4	.....	14	43	57	500	625	27	28	487	643	156	−12.2	62.8
	1899	3	.....	12	49	.....	260	539	17	29	293	395	102	.....	.....
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	9.9	53.4
	1904	715	63	3,229	15,540	18,832	150,246	73,770	3,062	4,838	80,030	96,408	16,378	41.2	64.2
	1899	369	.....	1,569	11,007	.....	73,071	34,451	1,579	3,143	45,166	58,727	13,561	.....	.....
Oil, essential	1909	68	73	45	290	408	1,218	1,365	61	123	1,255	1,737	482	119.7	18.6
	1904	52	68	37	132	237	849	723	40	70	1,111	1,465	354	−21.4	80.2
	1899	47	.....	39	168	.....	1,048	576	25	61	589	813	224	.....	.....
Oil, linseed	1909	29	9	292	1,452	1,753	13,211	18,932	740	893	31,035	36,739	5,704	7.6	33.2
	1904	30	13	156	1,349	1,518	9,473	9,850	423	786	23,153	27,577	4,424	1.6	1.4
	1899	48	.....	285	1,328	.....	8,491	15,461	446	693	24,396	27,184	2,788	.....	.....
Oil, not elsewhere specified	1909	189	118	1,311	1,715	3,144	5,772	18,441	1,923	1,060	21,407	30,865	9,458	31.4	34.6
	1904	186	148	663	1,305	2,116	5,207	11,229	882	752	14,438	22,923	8,485	−10.4	23.2
	1899	201	.....	810	1,456	.....	3,432	9,889	991	738	10,975	18,612	7,637	.....	.....
Oilcloth and linoleum	1909	31	11	345	5,201	5,557	16,125	19,634	649	2,826	15,550	23,339	7,789	33.9	57.8
	1904	27	12	217	3,883	4,112	10,112	13,803	361	1,944	10,050	14,792	4,742	20.2	29.7
	1899	27	.....	153	3,230	.....	7,561	8,879	295	1,628	7,550	11,403	3,853	.....	.....

[1] Includes "Artificial stone" in 1899.

No. 143.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, and 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	Dolls.	Dollars.	Dollars.	Dollars.	Dollars.		
Oleomargarine	1909	12	1	166	606	773	2,408	3,558	276	413	6,497	8,148	1,651	16.1	46.2
	1904	14	2	206	522	730	1,560	1,551	253	316	4,398	5,574	1,176	−51.8	−55.4
	1899	24	.....	394	1,084	.....	1,356	3,024	412	534	7,640	12,500	4,860	.....	.....
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	47.8	91.8
	1904	122	96	316	4,330	4,742	3,410	5,381	427	1,923	2,320	6,117	3,797	16.6	17.4
	1899	91	.....	375	3,715	.....	2,544	4,212	237	1,599	2,101	5,211	3,110	.....	.....
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	22.4	37.5
	1904	639	439	4,408	11,633	16,480	41,288	75,486	5,677	6,264	59,827	90,840	31,013	20.0	30.6
	1899	600	.....	3,710	9,697	.....	30,443	60,053	5,017	4,926	44,739	69,562	24,823	.....	.....
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	15.2	41.8
	1904	761	309	3,778	65,964	70,051	1,093,708	277,444	6,097	32,019	111,252	188,715	77,463	32.9	48.2
	1899	763	.....	2,935	49,646	.....	762,118	167,508	4,501	20,746	70,530	127,326	56,796	.....	.....
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	30.5	62.5
	1904	308	236	1,734	14,726	16,696	16,226	27,345	1,993	5,577	19,645	33,946	14,301	51.4	39.4
	1899	246	.....	1,092	9,727	.....	10,421	18,152	1,342	3,658	14,191	24,355	10,164	.....	.....
Paper patterns	1909	27	22	812	921	1,755	751	4,578	675	407	646	2,611	1,965	−14.9	15.3
	1904	26	15	693	1,082	1,790	38	2,237	490	445	337	2,265	1,928	29.6	303.0
	1899	15	.....	92	835	.....	9	256	72	262	125	562	437	.....	.....
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	11.8	20.9
	1904	2,777	2,293	9,483	20,472	32,248	17,008	75,607	9,975	7,913	39,494	117,436	77,942	7.6	32.3
	1899	2,154	.....	8,094	19,028	.....	12,707	56,173	8,265	6,910	31,950	88,791	56,841	.....	.....
Paving materials	1909	49	31	281	1,419	1,731	5,757	11,410	373	750	3,478	6,229	2,751	−26.1	23.8
	1904	54	30	157	1,919	2,106	5,156	5,218	197	953	2,666	5,033	2,367	−21.2	27.9
	1899	99	.....	173	2,436	.....	34,397	13,464	184	1,144	1,582	3,936	2,354	.....	.....
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	43.7	34.1
	1904	30	18	116	1,356	1,490	1,602	1,169	122	205	6,324	7,261	937	.....	.....

Pencils, lead	1909	11	4	375	4,134	4,513	3,448	7,867	697	1,712	3,596	7,379	3,783	34.9	66.7
	1904	8	3	283	3,065	3,351	2,625	4,981	396	1,059	1,804	4,426	2,622	41.8	99.2
	1899	7	.....	81	2,162	.....	1,360	2,227	112	683	1,031	2,222	1,191	.....	.....
Pens, fountain, stylographic and gold.	1909	65	51	544	1,225	1,820	569	3,121	554	712	2,246	4,739	2,493	31.3	70.8
	1904	49	39	224	933	1,196	349	1,545	198	533	1,166	2,774	1,608	34.1	62.6
	1899	45	.....	146	696	.....	527	1,087	148	371	664	1,706	1,042	.....	.....
Pens, steel	1909	5	.....	56	699	755	244	804	86	230	95	577	482	5.4	21.7
	1904	5	1	72	663	736	294	576	60	205	103	474	371	40.2	61.2
	1899	3	.....	13	473	.....	138	357	21	138	52	294	242	.....	.....
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	−16.9	35.4
	1904	98	24	1,974	16,770	18,768	46,019	136,281	2,724	9,989	139,387	175,005	35,618	37.4	41.2
	1899	67	.....	1,201	12,199	.....	36,127	95,328	1,811	6,717	102,859	123,929	21,070	.....	.....
Phonographs and graphophones	1909	18	2	727	5,199	5,928	6,371	14,363	945	2,841	3,099	11,726	8,627	53.0	14.5
	1904	14	6	537	3,397	3,940	2,522	8,741	666	1,684	4,161	10,237	6,076	168.1	355.8
	1899	11	.....	144	1,267	.....	1,082	3,348	179	608	828	2,246	1,418	.....	.....
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	36.3	73.2
	1904	130	74	1,155	3,812	5,041	5,061	7,720	1,109	1,796	4,162	13,023	8,861	10.7	67.0
	1899	153	.....	469	3,444	.....	3,412	5,518	453	1,443	3,378	7,799	4,421	.....	.....
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	37.8	59.9
	1904	223	227	968	3,876	5,071	1,925	4,071	934	2,916	1,303	7,268	5,965	44.0	73.5
	1899	203	.....	484	2,691	.....	1,040	1,994	450	1,750	725	4,190	3,465	.....	.....
Pipes, tobacco	1909	62	70	245	2,775	3,090	1,506	3,528	283	1,255	2,459	5,312	2,853	42.5	87.4
	1904	68	82	82	1,947	2,111	1,058	1,256	81	831	1,354	2,834	1,480	22.8	14.6
	1899	98	.....	120	1,585	.....	855	1,111	109	738	1,106	2,472	1,366	.....	.....
Pottery, terra-cotta, and fire-clay products.	1909	822	452	4,402	56,168	61,022	110,017	141,350	5,813	29,753	21,911	76,119	54,208	7.1	18.6
	1904	873	550	3,752	52,428	56,730	104,918	110,926	4,628	25,178	16,591	64,201	47,610	19.9	45.0
	1899	1,000	.....	2,777	43,714	.....	75,802	65,952	3,012	17,692	11,915	44,263	32,348	.....	.....
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	18.0	33.6
	1904	27,793	28,368	68,592	219,087	316,047	166,380	432,854	67,748	127,196	142,514	552,473	409,959	12.2	39.8
	1899	23,814	.....	40,685	195,260	.....	119,775	333,003	39,475	99,816	103,654	395,187	291,533	.....	.....
Pulp goods	1909	14	1	98	783	882	3,125	2,680	124	377	971	1,770	799	12.5	20.7
	1904	17	7	56	696	759	2,368	3,198	83	284	719	1,467	748	.7	15.8
	1899	22	.....	75	691	.....	1,314	2,317	92	284	647	1,267	620	.....	.....
Pumps, not including steam pumps	1909	102	87	400	2,136	2,623	4,214	6,018	420	1,258	2,487	5,583	3,096	52.1	95.7
	1904	115	113	204	1,404	1,721	2,569	3,230	215	719	1,193	2,853	1,660	122.2	112.6
	1899	130	.....	95	632	.....	1,245	1,261	84	247	638	1,342	704	.....	.....
Rice, cleaning and polishing	1909	71	38	500	1,239	1,777	19,519	13,347	613	564	19,501	22,371	2,870	−17.0	37.3
	1904	74	33	436	1,492	1,961	15,866	8,821	549	641	13,315	16,297	2,982	129.2	86.8
	1899	80	.....	169	651	.....	7,546	2,601	182	266	7,576	8,724	1,148	.....	.....

[1] Included in "Coffee and spice, roasting and grinding," in 1899.

No. 143.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	Dolls.	Dollars.	Dollars.	Dollars.	Dollars.		
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	−72.0	− 3.4
	1904	307	314	1,029	8,819	10,162	23,022	16,925	1,162	4,008	10,842	19,871	9,029	16.1	45.1
	1899	267	.....	695	7,593	.....	18,217	10,814	663	3,072	6,886	13,691	6,805	.....	.....
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	25.2	103.9
	1904	224	103	2,364	21,184	23,651	48,381	46,298	2,857	9,412	38,912	62,996	24,084	3.8	19.7
	1899	261	.....	1,825	20,404	.....	40,835	39,302	2,216	8,082	33,482	52,622	19,140	.....	.....
Rules, ivory and wood	1909	9	9	9	109	127	167	104	11	51	31	144	113	−26.8	−42.2
	1904	13	13	15	149	177	318	253	15	55	55	249	194	−30.0	19.7
	1899	11	.....	14	213	.....	303	203	12	67	73	208	135	.....	.....
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	− 4.2	8.0
	1904	31	15	415	3,488	3,918	4,090	7,326	723	2,162	3,211	7,861	4,650	71.6	100.1
	1899	35	.....	272	2,033	.....	2,209	5,480	283	1,017	1,689	3,928	2,239	.....	.....
Salt	1909	124	74	570	4,936	5,580	27,263	29,012	719	2,531	5,203	11,328	6,125	5.8	20.0
	1904	146	87	418	4,666	5,171	19,434	25,586	487	2,066	4,166	9,438	5,272	− 2.3	18.5
	1899	159	.....	406	4,774	.....	23,865	27,123	500	1,911	3,336	7,967	4,631	.....	.....
Sand and emery paper and cloth	1909	10	9	159	611	779	3,351	4,400	210	370	2,382	4,358	1,976	100.3	195.1
	1904	8	11	40	305	356	1,133	1,206	78	183	1,055	1,477	422	11.3	25.6
	1899	9	.....	63	274	.....	898	1,372	98	144	681	1,176	495	.....	.....
Saws	1909	96	84	841	4,832	5,757	11,852	14,855	966	2,856	4,912	11,536	6,624	3.9	17.5
	1904	83	75	576	4,650	5,301	7,491	11,288	623	2,707	4,036	9,820	5,784	44.6	52.4
	1899	96	.....	312	3,215	.....	5,493	8,509	329	1,693	2,600	6,444	3,844	.....	.....
Scales and balances	1909	87	44	672	3,559	4,275	6,183	10,183	815	2,186	2,704	8,786	6,082	13.6	46.4
	1904	85	77	431	3,133	3,641	3,251	8,513	477	1,755	1,633	6,003	4,370	12.9	14.6
	1899	86	.....	305	2,775	.....	2,466	6,308	297	1,437	1,533	5,240	3,707	.....	.....
Screws, machine	1909	43	32	164	1,667	1,863	3,319	3,728	199	970	1,160	3,014	1,854	−15.2	11.1
	1904	26	15	209	1,965	2,189	3,201	4,133	244	942	951	2,712	1,761	26.2	31.7
	1899	25	.....	108	1,557	.....	1,407	2,467	126	703	797	2,059	1,262	.....	.....

Screws, wood	1909	11	1	293	3,464	3,758	5,618	9,570	375	1,454	2,309	6,199	3,890	132.8	190.5
	1904	7	1	158	1,488	1,647	3,715	5,969	193	556	732	2,134	1,402	—24.5	—17.9
	1899	8	.....	139	1,970	.....	3,490	5,465	169	721	923	2,600	1,677	.....	.....
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	12.7	8.1
	1904	54	19	924	17,121	18,064	17,162	32,583	1,152	9,493	10,701	26,142	15,441	28.1	23.7
	1899	64	.....	704	13,365	.....	10,069	20,804	933	7,331	9,458	21,125	11,667	.....	.....
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	—20.2	—11.4
	1904	1,097	1,190	2,480	50,754	54,424	78,127	121,624	3,340	29,241	37,463	82,769	45,306	8.6	11.1
	1899	1,107	.....	1,405	46,747	.....	61,797	77,341	2,007	24,825	33,475	74,532	41,057	.....	.....
Shoddy	1909	88	83	196	2,041	2,320	13,820	6,887	290	907	5,001	7,446	2,445	— 2.3	—11.4
	1904	97	110	172	2,089	2,371	12,244	5,804	245	835	6,056	8,406	2,350	8.5	24.9
	1899	105	.....	139	1,926	.....	11,455	5,273	167	749	4,875	6,731	1,856	.....	.....
Show cases	1909	149	154	399	3,390	3,943	4,746	5,369	505	2,017	3,140	7,167	4,027	10.0	25.3
	1904	141	135	305	3,082	3,522	4,087	3,143	330	1,681	2,374	5,722	3,348	126.1	131.8
	1899	102	.....	106	1,363	.....	1,232	1,153	88	708	1,058	2,468	1,410	.....	.....
Signs and advertising novelties[1]	1909	288	211	1,526	5,540	7,277	3,790	9,647	1,476	3,105	4,709	13,546	8,837	.....	.....
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	24.4	47.7
	1904	624	525	4,027	79,601	84,153	71,760	109,557	4,742	26,768	75,861	133,288	57,427	21.7	24.3
	1899	483	.....	2,657	65,416	.....	57,397	81,082	3,134	20,982	62,407	107,256	44,849	.....	.....
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	11.8	28.6
	1904	158	120	1,324	14,861	16,305	12,873	37,732	1,730	8,625	14,459	32,840	18,381	21.8	25.8
	1899	169	.....	1,129	12,205	.....	8,486	30,628	1,457	6,531	11,659	26,114	14,455	.....	.....
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	19.0	48.6
	1904	1,221	1,324	12,096	75,399	88,819	119,311	240,419	13,453	41,067	811,426	922,038	110,612	8.9	17.0
	1899	1,080	.....	10,317	69,264	.....	87,060	190,209	10,211	33,846	685,310	788,368	103,058	.....	.....
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	22.6	57.3
	1904	40	1	809	12,752	13,562	76,524	76,825	1,527	10,827	196,737	240,780	44,043	12.6	45.8
	1899	47	.....	488	11,324	.....	61,630	53,063	955	8,529	122,174	165,132	42,958	.....	.....
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	— 2.0	— 9.9
	1904	32	5	524	7,573	8,102	25,667	63,823	888	5,375	168,958	185,827	16,869	— 9.0	5.9
	1899	39	.....	425	8,319	.....	16,342	72,149	755	5,089	144,195	175,466	31,271	.....	.....
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	1.9	38.0
	1904	31	2	354	6,528	6,884	18,404	23,702	581	3,856	17,028	24,791	7,763	34.1	36.3
	1899	31	.....	208	4,869	.....	11,145	14,142	440	2,356	13,286	18,188	4,902	.....	.....
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	25.4	61.3
	1904	65	57	225	1,712	1,994	17,111	9,807	354	995	13,760	17,403	3,643	74.2	123.5
	1899	61	.....	203	983	.....	8,633	5,201	229	532	5,900	7,785	1,885	.....	.....

[1] Included in other classifications in 1904 and 1899.

No. 143.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Soap [1]	1909	420	329	5,065	12,999	18,393	28,360	71,951	5,506	6,227	72,179	111,358	39,179	17.7	63.1
	1904	436	399	3,058	11,044	14,501	20,228	54,816	3,503	4,763	43,626	68,275	24,649	16.4	28.3
	1899	558	.....	2,738	9,487	.....	17,514	38,068	2,777	3,755	33,143	53,231	20,088	.....	.....
Soda-water apparatus	1909	63	40	562	1,797	2,399	2,894	8,589	624	1,239	2,443	6,556	4,113	22.3	41.5
	1904	37	27	333	1,469	1,829	1,533	3,415	296	835	1,924	4,634	2,710	52.5	53.7
	1899	30	.....	227	963	.....	1,183	4,202	244	550	997	3,015	2,018	.....	.....
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	24.9	57.2
	1904	152	136	361	4,260	4,757	2,995	4,249	319	1,641	2,963	7,032	4,069	91.5	93.8
	1899	143	.....	168	2,225	.....	1,133	2,015	167	810	1,802	3,628	1,826	.....	.....
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	29.1	56.9
	1904	52	28	270	2,476	2,774	5,510	4,016	353	1,243	2,742	5,741	2,999	17.8	.9
	1899	48	.....	166	2,102	.....	3,185	4,684	275	1,061	3,025	5,690	2,665	.....	.....
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	44.5	87.7
	1904	143	115	685	4,295	5,095	3,396	6,929	751	1,500	3,920	8,867	4,947	41.7	75.0
	1899	113	.....	453	3,032	.....	1,706	4,495	412	958	2,128	5,066	2,938	.....	.....
Statuary and art goods [2]	1909	194	275	198	1,699	2,172	462	2,221	225	1,339	680	3,442	2,762	12.7	42.4
	1904	135	191	114	1,507	1,812	466	1,669	127	1,030	392	2,417	2,025	.....	.....
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	33.4	35.8
	1904	106	56	450	2,734	3,240	8,846	12,253	594	1,273	3,896	8,952	5,056	138.4	156.2
	1899	97	.....	290	1,147	.....	4,488	2,691	326	525	1,546	3,494	1,948	.....	.....
Stereotyping and electrotyping	1909	174	133	678	2,850	3,661	4,076	3,826	800	2,312	1,765	6,384	4,619	6.4	27.6
	1904	146	132	490	2,679	3,301	2,878	3,298	517	1,993	1,032	5,005	3,973	11.3	32.7
	1899	140	.....	330	2,408	.....	1,470	2,389	312	1,459	767	3,772	3,005	.....	.....
Stoves and furnaces, including gas and oil stoves. [3]	1909	576	244	5,547	37,130	42,921	45,524	86,944	6,975	22,944	29,338	78,853	49,515	11.2	26.9
	1904	494	306	3,582	33,404	37,292	32,017	62,953	4,499	19,770	22,271	62,133	39,862	.....	.....

Sugar and molasses, not including beet sugar.[4]	1909	233	204	1,928	13,526	15,658	160,603	153,167	2,392	7,484	247,583	279,249	31,666	— .2	.7
	1904	344	364	1,886	13,549	15,799	140,650	165,468	2,154	7,576	244,753	277,285	32,532	— 4.1	15.7
	1899	657	.....	1,867	14,129	.....	152,569	184,033	1,682	6,918	221,385	239,711	18,326	.....	.....
Sulphuric, nitric, and mixed acids [5]	1909	42	.....	330	2,252	2,582	6,494	18,726	551	1,495	5,386	9,884	4,498	— 8.0	9.2
	1904	32	2	308	2,447	2,757	5,416	12,762	556	1,505	4,973	9,053	4,080	.....	.....
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	34.5	70.6
	1904	284	289	607	3,153	4,049	3,214	5,825	594	1,376	2,866	7,269	4,403	76.3	55.3
	1899	306	.....	440	1,788	.....	1,254	2,778	414	767	1,418	4,682	3,264	.....	.....
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	10.4	36.0
	1904	36	1	284	4,847	5,132	8,990	10,813	310	2,383	31,376	35,283	3,907	32.0	10.6
	1899	57	.....	333	3,671	.....	3,515	6,650	291	1,890	26,728	31,892	5,164	.....	.....
Tin foil	1909	10	8	71	683	762	1,699	2,505	92	304	2,277	3,419	1,142	—10.8	22.3
	1904	14	11	70	766	847	1,388	1,918	86	303	1,888	2,795	907	31.6	75.5
	1899	15	.....	45	582	.....	854	2,094	59	228	1,074	1,593	519	.....	.....
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	4.6	25.8
	1904	16,827	19,011	9,235	159,406	187,652	24,604	323,982	8,800	62,639	126,086	331,111	205,025	20.3	25.6
	1899	14,959	.....	7,836	132,526	.....	22,296	111,517	8,593	47,975	92,867	263,713	170,846	.....	.....
Toys and games	1909	226	185	582	5,305	6,072	5,323	6,541	661	2,227	3,554	8,264	4,710	22.5	48.2
	1904	161	133	329	4,330	4,792	4,757	4,831	366	1,615	2,289	5,578	3,289	30.6	39.1
	1899	169	.....	204	3,316	.....	3,155	3,279	184	1,119	1,665	4,010	2,345	.....	.....
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	18.4	5.7
	1904	1,287	1,997	2,147	33,382	37,526	1,175	6,961	1,152	8,383	3,775	23,937	20,162	—20.3	17.7
	1899	1,503	.....	1,889	41,864	.....	866	11,848	779	8,394	6,186	20,345	14,159	.....	.....
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	12.4	19.5
	1904	98	84	368	1,803	2,255	1,497	5,926	387	1,123	1,119	3,935	2,816	— 9.1	.1
	1899	92	.....	247	1,984	.....	1,331	3,175	274	1,036	1,270	3,931	2,661	.....	.....
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	53.7	85.3
	1904	66	29	1,248	6,232	7,509	4,455	16,642	1,246	3,469	1,870	10,640	8,770	43.3	53.5
	1899	47	.....	532	4,340	.....	2,272	8,400	480	2,404	1,402	6,932	5,530	.....	.....
Umbrellas and canes	1909	256	299	734	5,472	6,505	2,413	9,556	915	2,253	10,056	15,864	5,808	1.6	19.3
	1904	204	242	527	5,386	6,155	2,122	8,951	474	1,826	8,250	13,296	5,046	— 4.5	— 2.7
	1899	202	.....	587	5,640	.....	1,457	4,605	504	1,869	8,381	13,669	5,288	.....	.....
Upholstering materials	1909	230	214	496	4,067	4,777	17,456	10,297	587	1,689	8,069	13,054	4,985	—13.7	3.0
	1904	236	244	449	4,712	5,405	15,604	9,293	526	1,867	7,977	12,678	4,701	— 7.6	26.2
	1899	270	.....	358	5,098	.....	11,351	7,594	364	1,715	5,882	10,048	4,166	.....	.....
Vault lights and ventilators	1909	37	27	99	327	453	234	607	109	228	338	957	619	47.3	97.7
	1904	24	28	28	222	278	174	241	31	154	161	484	323	60.9	43.2
	1899	14	.....	11	138	.....	103	121	13	81	141	338	197	.....	.....

[1] Includes "Candles" in 1899.
[2] Included in other classifications in 1899.
[3] Included in "Foundry and machine-shop products" in 1899.
[4] Includes 214 establishments reported as "Sugar and molasses" and 19 as "Sugar and molasses, refining, not including beet sugar," in 1909.
[5] Included in "Chemicals" in 1899.

No. 143.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1899, 1904, AND 1909—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).	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								Expressed in thousands.							
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*		
Vinegar and cider	1909	963	1,050	481	1,542	3,073	16,681	10,879	539	723	4,964	8,448	3,484	0.9	16.3
	1904	568	645	341	1,528	2,514	10,556	7,520	359	725	3,852	7,265	3,413	— 1.9	22.5
	1899	613	.....	451	1,557	.....	16,849	5,630	391	652	3,134	5,932	2,798	.....	.....
Wall paper	1909	45	10	699	4,037	4,746	5,680	14,153	1,054	2,039	7,623	14,449	6,826	3.2	14.3
	1904	44	15	497	3,913	4,425	4,867	12,354	692	1,868	6,658	12,637	5,979	— 6.2	18.5
	1899	51	.....	512	4,172	.....	4,573	8,890	817	2,074	6,073	10,663	4,590	.....	.....
Wall plaster [1]	1909	198	60	773	4,791	5,624	25,892	16,885	1,049	2,391	6,007	12,804	6,797	27.5	26.0
	1904	176	72	629	3,758	4,459	20,054	13,204	620	1,890	4,726	10,164	5,438	.....	.....
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	13.1	51.7
	1904	92	68	171	1,622	1,861	3,564	2,952	148	684	2,213	3,839	1,626	7.5	2.8
	1899	118	.....	104	1,509	.....	2,732	2,405	104	549	2,175	3,735	1,560	.....	.....
Waste	1909	53	41	191	1,897	2,129	4,286	6,125	290	716	8,837	11,398	2,561	21.7	36.6
	1904	41	41	116	1,559	1,716	3,863	3,586	164	495	6,825	8,343	1,518	42.9	71.0
	1899	25	.....	58	1,091	.....	2,193	2,437	85	327	4,000	4,880	880	.....	.....
Wheelbarrows	1909	24	17	94	664	775	1,486	1,510	81	321	715	1,625	910	13.7	37.9
	1904	26	12	69	584	665	1,282	1,045	76	296	494	1,178	684	81.9	159.5
	1899	15	.....	31	321	.....	762	514	27	127	180	454	274	.....	.....
Whips	1909	57	90	310	1,546	1,946	1,321	3,900	323	704	1,585	3,949	2,364	— .5	25.5
	1904	58	43	174	1,554	1,771	1,068	3,368	184	603	1,253	3,147	1,894	20.7	15.1
	1899	60	.....	228	1,287	.....	818	1,894	246	478	1,278	2,734	1,456	.....	.....
Windmills	1909	34	18	387	2,337	2,742	3,301	5,636	479	1,403	3,331	6,677	3,346	21.2	39.2
	1904	53	25	387	1,929	2,341	3,694	5,837	392	969	2,308	4,795	2,487	— 5.7	10.1
	1899	68	.....	281	2,045	.....	2,214	4,309	250	940	2,172	4,354	2,182	.....	.....
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	49.8	107.9
	1904	144	132	409	2,624	3,165	2,705	5,977	480	1,086	5,947	8,931	2,984	45.7	10.6
	1899	96	.....	292	1,801	.....	1,927	5,184	323	752	5,575	8,072	2,497	.....	.....

Wire	1909	56	15	1,846	18,084	19,945	71,959	60,157	2,199	10,316	60,543	84,486	23,943	281.8	122.8
	1904	25	7	581	4,737	5,325	25,856	14,899	793	2,859	30,063	37,914	7,851	195.5	302.4
	1899	29	.....	94	1,603	.....	9,979	4,242	136	860	7,014	9,421	2,407	.....	.....
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	−7.7	26.9
	1904	649	652	1,936	13,379	15,967	18,280	26,894	2,117	6,100	17,856	33,038	15,182	46.3	66.5
	1899	596	.....	995	9,142	.....	12,772	16,345	940	3,894	10,813	19,840	9,027	.....	.....
Wood distillation, not including turpentine and rosin.[2]	1909	120	56	318	2,721	3,095	9,854	13,017	355	1,463	5,876	9,737	3,861	19.8	24.6
	1904	141	82	301	2,272	2,655	4,620	10,507	298	1,067	4,848	7,813	2,965	.....	.....
Wood carpet	1909	10	9	28	184	221	269	423	33	138	228	490	262	−50.7	−38.8
	1904	20	22	50	373	445	473	330	45	269	351	801	450	−38.7	−24.2
	1899	31	.....	49	608	.....	534	412	35	362	418	1,057	639	.....	.....
Wood preserving	1909	53	1	471	2,403	2,875	10,647	12,408	517	1,066	9,328	14,099	4,771	226.1	318.6
	1904	26	7	115	737	859	3,439	2,935	158	315	2,463	3,368	905	54.2	40.6
	1899	21	.....	54	478	.....	1,007	1,230	57	205	1,825	2,396	571	.....	.....
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	−3.7	10.1
	1904	1,097	1,226	924	14,687	16,837	47,595	16,842	829	6,031	8,578	20,169	11,591	27.1	40.9
	1899	1,166	.....	565	11,558	.....	31,133	10,280	488	4,371	5,830	14,318	8,488	.....	.....
Wool pulling	1909	37	37	91	631	759	1,366	3,248	132	387	4,103	5,181	1,078	−7.3	487.4
	1904	34	40	65	681	786	1,324	2,534	74	365	104	882	778	43.4	66.1
	1899	34	.....	35	475	.....	820	945	35	248	54	531	477	.....	.....
Wool scouring	1909	28	18	102	1,142	1,262	6,782	3,258	143	558	2,122	3,289	1,167	46.6	212.3
	1904	27	18	55	779	852	3,478	1,188	78	398	215	1,053	838	8.2	18.3
	1899	25	.....	45	720	.....	2,900	1,061	72	339	194	890	696	.....	.....
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	15.0	36.5
	1904	1,074	958	4,593	146,755	152,306	288,969	314,081	6,781	57,073	204,613	319,348	114,735	12.3	28.4
	1899	1,281	.....	3,808	130,697	.....	244,825	265,730	5,574	46,812	153,930	248,798	94,868	.....	.....
All other industries[3]	1909	8	11	25	96	132	136	254	39	67	115	390	275	−78.0	−63.1
	1904	15	8	50	436	494	1,767	3,860	59	263	386	1,058	672	−64.1	−60.1
	1899	17	.....	97	1,215	.....	2,354	4,078	113	687	988	2,650	1,662	.....	.....
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	21.0	39.7
	1904	216,180	225,673	519,556	5,468,383	6,213,612	13,487,707	12,675,581	574,439	2,610,445	8,500,208	14,793,903	6,293,695	16.0	29.7
	1899	207,514	.....	364,120	4,712,763	.....	10,097,393	8,975,256	380,771	2,008,361	6,575,851	11,406,927	4,831,076	.....	.....

[1] Included in "Lime" in 1899.
[2] Included in "Chemicals" in 1899.
[3] Includes the following industries, with number of establishments indicated: "Millstones," 1; "Ordnance and accessories," 2; "Pulp, from fiber other than wood," 2; "Straw goods, not elsewhere specified," 2; and "Whalebone cutting," 1, in 1909. "Millstones," 2; "Ordnance and accessories," 4; "Pulp, from fiber other than wood," 1; "Straw goods, not elsewhere specified," 6; and "Whalebone cutting," 2, in 1904. "Millstones," 3; "Ordnance and accessories," 4; "Pulp, from fiber other than wood," 3; "Straw goods, not elsewhere specified," 4; and "Whalebone cutting," 3, in 1899.

No. 144.—SUMMARY OF MANUFACTURES: By States and Geographic Divisions, 1899, 1904, and 1909.

[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 electric power generated by primary units of establishments reporting. 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	1909	3,398	3,769	6,055	72,148	81,972	357,337	173,180	6,565	27,284	83,442	145,962	62,520	16.0	33.7
	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
	1899	2,000	.....	2,259	52,711	.....	173,208	60,166	2,059	14,912	37,998	72,110	34,112	.....	.....
Arizona	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
	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
	1899	154	.....	265	3,126	.....	8,537	9,517	269	2,287	7,877	20,439	12,562	.....	.....
Arkansas	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
	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
	1899	1,746	.....	1,540	31,525	.....	79,560	25,385	1,262	10,184	18,288	39,888	21,600	.....	.....
California	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
	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
	1899	4,997	.....	6,877	77,224	.....	126,953	175,468	7,495	39,890	164,894	257,386	92,492	.....	.....
Colorado	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
	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
	1899	1,323	.....	1,870	19,498	.....	43,434	58,173	2,059	11,708	60,751	89,068	28,317	.....	.....
Connecticut	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
	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
	1899	3,382	.....	9,258	159,733	.....	256,331	299,207	11,755	73,394	169,672	315,106	145,434	.....	.....
Delaware	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
	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
	1899	633	.....	1,189	20,562	.....	40,134	38,791	1,337	8,457	24,725	41,321	16,596	.....	.....
District of Columbia	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
	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
	1899	491	.....	957	6,155	.....	10,255	17,961	872	3,023	7,475	16,426	8,951	.....	.....
Florida	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
	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
	1899	1,275	.....	1,781	35,471	.....	36,356	25,682	1,299	10,916	12,847	34,184	21,337	.....	.....

Georgia	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
	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
	1899	3,015	.....	3,815	83,336	.....	136,499	79,303	3,204	19,958	49,356	94,532	45,176	.....	.....
Idaho	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
	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
	1899	287	.....	92	1,552	.....	5,649	2,130	66	818	1,439	3,001	1,562	.....	.....
Illinois	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
	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
	1899	14,374	.....	40,964	332,871	.....	559,347	732,830	40,549	159,104	681,450	1,120,868	439,418	.....	.....
Indiana	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
	1904	7,044	7,191	14,862	154,174	176,227	380,758	312,071	15,029	72,058	220,507	393,954	173,447	10.9	16.9
	1899	7,128	.....	10,447	139,017	.....	325,919	219,321	9,971	59,280	195,163	337,072	141,909	.....	.....
Iowa	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
	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
	1899	4,828	.....	5,159	44,420	.....	106,664	85,668	4,233	18,021	85,779	132,871	47,092	.....	.....
Kansas	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
	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
	1899	2,299	.....	3,612	27,119	.....	68,242	59,458	3,123	12,802	120,738	154,009	33,271	.....	.....
Kentucky	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
	1904	3,734	4,108	5,853	59,794	69,755	174,625	147,282	5,871	24,439	86,545	159,754	73,209	15.6	26.3
	1899	3,648	.....	4,356	51,735	.....	144,161	87,996	4,185	18,454	67,406	126,509	59,103	.....	.....
Louisiana	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
	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
	1899	1,826	.....	3,576	40,878	.....	190,182	100,875	2,934	14,725	75,404	111,398	35,994	.....	.....
Maine	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
	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
	1899	2,878	.....	3,103	69,914	.....	259,232	114,008	3,051	25,731	61,210	112,959	51,749	.....	.....
Maryland	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
	1904	3,852	4,505	8,624	94,174	107,303	165,449	201,878	8,844	36,144	150,024	243,376	93,352	(1)	15.3
	1899	3,886	.....	6,741	94,170	.....	132,052	149,155	6,845	32,414	129,355	211,076	81,721	.....	.....
Massachusetts	1909	11,684	11,194	48,646	584,559	644,399	1,175,071	1,279,687	63,279	301,174	830,765	1,490,529	659,764	19.7	32.6
	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
	1899	10,929	.....	25,256	438,234	.....	796,061	781,868	29,480	195,278	498,655	907,627	408,972	.....	.....
Michigan	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
	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
	1899	7,310	.....	13,350	155,800	.....	368,497	246,996	12,336	62,532	175,966	319,692	143,726	.....	.....
Minnesota	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
	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
	1899	4,096	.....	6,625	64,557	.....	180,124	133,077	6,064	29,029	150,299	223,693	73,394	.....	.....
Mississippi	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
	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
	1899	1,294	.....	1,260	26,799	.....	65,738	22,712	1,093	7,910	16,543	33,718	17,175	.....	.....

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

No. 144.—SUMMARY OF MANUFACTURES, BY STATES AND GEOGRAPHIC DIVISIONS, 1899, 1904, AND 1909—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.*		
Missouri	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
	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
	1899	6,853	.....	12,474	107,704	.....	189,117	223,781	13,295	46,714	184,189	316,304	132,115	.....	.....
Montana	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
	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
	1899	395	.....	508	9,854	.....	43,679	38,225	786	7,377	30,068	52,745	22,677	.....	.....
Nebraska	1909	2,500	2,522	5,108	24,336	31,966	64,466	99,901	5,491	13,948	151,081	199,019	47,938	20.1	28.5
	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
	1899	1,695	.....	2,296	18,669	.....	41,825	65,906	2,107	8,842	95,925	130,302	34,377	.....	.....
Nevada	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
	1904	115	108	106	802	1,016	2,834	2,892	126	694	1,628	3,096	1,468	59.1	145.5
	1899	99	.....	37	504	.....	1,561	1,251	34	353	662	1,261	599	.....	.....
New Hampshire	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
	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
	1899	1,771	.....	2,068	67,646	.....	200,975	92,146	2,200	25,850	60,163	107,591	47,428	.....	.....
New Jersey	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
	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
	1899	6,415	.....	15,361	213,975	.....	322,503	477,301	19,058	95,165	334,726	553,006	218,280	.....	.....
New Mexico	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
	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
	1899	174	.....	88	2,490	.....	3,658	2,161	91	1,199	1,999	4,061	2,062	.....	.....
New York	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
	1904	37,194	41,766	98,012	856,947	996,725	1,516,592	2,031,460	111,145	430,015	1,348,603	2,488,346	1,139,743	17.9	32.9
	1899	35,957	.....	68,030	726,909	.....	1,099,931	1,523,503	76,740	337,324	1,018,377	1,871,831	853,454	.....	.....

North Dakota	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
	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
	1899	337	.....	152	1,358	.....	7,351	3,512	130	671	4,151	6,260	2,109	.....	.....
Ohio	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
	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
	1899	13,868	.....	28,109	308,109	.....	783,665	570,909	28,151	136,428	409,303	748,671	339,368	.....	.....
Oklahoma	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
	[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
	[1] 1899	495	.....	269	2,381	.....	11,572	4,054	219	894	5,430	8,134	2,704	.....	.....
Oregon	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
	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
	1899	1,406	.....	1,143	14,459	.....	60,005	28,359	1,222	6,822	20,789	36,593	15,804	.....	.....
Pennsylvania	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
	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
	1899	23,462	.....	43,935	663,960	.....	1,716,694	1,449,815	46,145	296,876	958,301	1,649,882	691,581	.....	.....
Rhode Island	1909	1,951	1,721	7,382	113,538	122,641	226,740	290,901	10,577	55,224	158,192	280,344	122,152	16.7	38.7
	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
	1899	1,678	.....	4,022	88,197	.....	153,619	176,901	5,300	35,995	87,952	165,550	77,598	.....	.....
South Carolina	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
	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
	1899	1,369	.....	1,419	47,025	.....	112,697	62,750	1,307	9,130	30,486	53,336	22,850	.....	.....
South Dakota	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
	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
	1899	624	.....	288	2,224	.....	11,775	6,051	175	1,130	6,484	9,530	3,046	.....	.....
Tennessee	1909	4,609	5,415	8,417	73,840	87,672	242,277	167,924	9,186	28,251	104,016	180,217	76,201	21.9	30.6
	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
	1899	3,116	.....	3,329	45,963	.....	130,318	63,140	3,048	14,727	54,559	92,749	38,190	.....	.....
Texas	1909	4,588	4,496	9,849	70,230	84,575	282,471	216,876	10,868	37,907	178,178	272,896	94,718	43.1	81.3
	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
	1899	3,107	.....	2,861	38,604	.....	116,157	63,655	2,919	16,912	54,388	92,894	38,506	.....	.....
Utah	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
	1904	606	619	979	8,052	9,650	19,397	26,004	1,039	5,158	24,940	38,927	13,987	48.8	116.5
	1899	575	.....	599	5,413	.....	12,674	13,219	501	2,763	11,440	17,982	6,542	.....	.....
Vermont	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
	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
	1899	1,938	.....	1,695	28,179	.....	126,124	43,500	1,610	11,426	26,385	51,515	25,130	.....	.....
Virginia	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
	1904	3,187	3,843	4,970	80,285	88,898	176,998	147,989	4,875	27,943	83,649	148,857	65,208	21.2	37.0
	1899	3,186	.....	3,828	66,223	.....	136,696	92,300	3,630	20,274	59,360	108,644	49,284	.....	.....
Washington	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
	1904	2,751	2,602	3,658	45,199	51,459	168,342	96,953	4,093	30,087	66,166	128,822	62,656	43.4	81.9
	1899	1,926	.....	2,103	31,523	.....	87,601	41,575	2,064	17,065	38,277	70,831	32,554	.....	.....

[1] Includes Indian Territory.

No. 144.—SUMMARY OF MANUFACTURES, BY STATES AND GEOGRAPHIC DIVISIONS, 1899, 1904, AND 1909—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 Virginia	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
	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
	1899	1,824	.....	1,744	33,080	.....	91,894	49,103	1,519	12,640	37,228	67,007	29,779	.....	.....
Wisconsin	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
	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
	1899	7,841	.....	10,480	137,525	.....	364,380	286,061	10,493	55,696	185,695	326,753	141,058	.....	.....
Wyoming	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
	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
	1899	139	.....	87	2,060	.....	3,820	2,048	91	1,209	1,370	3,268	1,898	.....	.....
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	21.0	39.7
	1904	216,180	225,673	519,556	5,468,383	6,213,612	13,487,707	12,675,581	574,439	2,610,445	8,500,208	14,793,903	6,293,695	16.0	29.7
	1899	207 514	.....	364,120	4,712,763	.....	10,097,893	8,975,256	380,771	2,008,361	6,575,851	11,406,927	4,831,076	.....	.....
Geographic divisions.[1]															
New England	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
	1904	22,279	22,698	60,258	940,752	1,023,708	2,125,815	1,870,995	72,799	439,050	1,116,273	2,025,999	909,726	10.4	22.0
	1899	22,576	.....	45,402	851,903	.....	1,792,342	1,507,630	53,396	367,674	904,037	1,660,348	756,311	.....	.....
Middle Atlantic	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
	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
	1899	65,834	.....	127,326	1,604,844	.....	3,139,128	3,450,619	141,943	729,365	2,311,404	4,074,719	1,763,315	.....	.....
East North Central	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
	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
	1899	50,521	.....	103,350	1,073,322	.....	2,401,808	2,056,117	101,500	473,040	1,647,577	2,853,056	1,205,479	.....	.....
West North Central	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
	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
	1899	20,732	.....	30,606	266,051	.....	605,098	577,453	29,127	117,209	647,565	972,969	325,404	.....	.....

South Atlantic	1909	28,088	30,783	52,032	663,015	745,830	1,832,001	1,368,475	57,272	244,378	790,005	1,381,186	591,181	26.9	41.8
	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
	1899	19,144	.....	24,368	458,344	.....	851,050	583,328	22,408	130,864	395,686	711,800	316,114	.....	.....
East South Central	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
	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
	1899	10,058	.....	11,204	177,208	.....	513,425	234,014	10,385	56,003	176,506	325,086	148,580	.....	.....
West South Central	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
	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	64.6
	1899	7,174	.....	8,255	113,388	.....	397,471	193,969	7,334	42,715	153,510	252,314	98,804	.....	.....
Mountain	1909	5,254	4,849	9,578	75,435	89,862	400,766	348,977	12,522	56,870	228,692	363,996	135,304	42.9	42.9
	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
	1899	3,146	.....	3,486	44,497	.....	123,012	126,724	3,897	27,714	115,606	191,825	76,219	.....	.....
Pacific	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
	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
	1899	8,329	.....	10,123	123,206	.....	274,559	245,402	10,781	63,777	223,960	364,810	140,850	.....	.....

For States included in each division, see note 5, p. 25.

No. 145.—MINERAL PRODUCTION: Quantities and Values of Specified Kinds, Calendar Years 1908 to 1912.

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

Product.	1908		1909		1910		1911		1912	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
METALLIC.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Pig iron, spot value[1] ..... long tons[2]	[3]15,936,018	254,321,000	[3]25,795,471	419,175,000	[3]26,674,123	412,162,486	[3]23,257,288	327,334,624	[3]30,180,969	420,563,388
Ferro-alloys[4] ..... do	.....	.....	.....	.....	.....	.....	253,375	8,377,832	328,685	12,223,776
Silver, commercial value[5] ... fine troy ounces	52,440,800	28,050,600	54,721,500	28,455,200	57,137,900	30,854,500	60,399,400	32,615,700	63,766,800	39,197,500
Gold, coining value[6] ..... do	4,574,340	94,560,000	4,821,701	99,673,400	4,657,018	96,269,100	4,687,053	96,890,000	4,520,717	93,451,500
Copper, value at New York City[7] ..... pounds	942,570,721	124,419,335	1,092,951,624	142,083,711	1,080,159,509	137,180,257	1,097,232,749	137,154,092	1,243,268,720	205,139,338
Lead, value at New York City[7] .. short tons[2]	310,762	26,104,008	363,319	31,245,434	389,211	34,250,568	405,863	36,527,670	415,395	37,385,550
Zinc, value at St. Louis[7] ..... do	190,749	17,930,406	230,225	24,864,300	252,479	27,267,732	271,621	30,964,794	323,907	44,699,166
Quicksilver, value at San Francisco ... flasks[8]	19,752	824,146	21,075	957,859	20,601	958,153	21,256	977,989	25,064	1,053,941
Aluminum, value at Pittsburgh[9] ..... pounds	11,152,000	2,434,600	34,210,000	6,575,000	47,734,000	8,955,700	46,125,000	8,084,000	65,607,000	11,907,000
Antimonial lead ..... do	13,629	1,264,771	12,896	1,231,019	14,069	1,338,090	14,078	1,380,556	13,552	1,311,348
Nickel, value at Philadelphia ..... pounds	(10)	.....	(10)	.....	.....	.....	445	127,000	.....	.....
Tin ..... do	(11)	.....	(11)	4,832	(11)	23,447	(11)	56,635	[11]260,000	124,800
Platinum (crude), value at New York City, ounces troy	750	14,250	638	15,950	773	25,277	940	40,890	1,005	45,778
Total value of metallic products	.....	549,923,116	.....	754,281,705	.....	749,285,310	.....	680,531,782	.....	867,108,085
NONMETALLIC (SPOT VALUES[1]).										
Bituminous coal[12] ..... short tons[2]	332,573,944	374,135,268	379,744,257	405,486,777	417,111,142	469,281,719	405,907,059	451,375,819	450,104,982	517,983,445
Pennsylvania anthracite ..... long tons[2]	74,347,102	158,178,849	72,384,249	149,181,587	75,433,246	160,275,302	80,771,488	175,189,392	75,322,855	177,622,626
Stone[13]	.....	65,712,499	.....	71,345,199	.....	76,520,584	.....	77,108,567	.....	78,284,572
Petroleum ..... barrels[14]	178,527,355	129,079,184	183,170,874	128,328,487	209,557,248	127,899,688	220,449,391	134,044,752	222,113,218	163,802,334
Natural gas	.....	54,640,374	.....	63,206,941	.....	70,756,158	.....	74,621,534	.....	84,563,957
Peat	.....	133,000	.....	127,042	.....	140,209	.....	272,114	.....	228,572
Clay products[15]	.....	133,197,762	.....	166,321,213	.....	170,115,974	.....	162,236,181	.....	172,811,275
Cement ..... barrels[16]	52,910,925	44,477,653	66,689,715	53,610,563	77,785,141	68,752,092	79,547,958	66,705,136	83,351,191	67,461,513

Lime ..... short tons[2]	2,766,873	11,091,186	3,484,974	13,876,072	3,505,954	14,088,039	3,892,915	13,689,054	3,529,462	13,970,114
Sand-lime brick	.....	1,029,699	.....	1,150,580	.....	1,169,153	.....	897,664	.....	1,200,223
Slate	.....	6,316,817	.....	5,441,418	.....	6,236,759	.....	5,728,019	.....	6,043,318
Mineral waters ..... gallons sold	55,868,820	6,712,680	64,674,486	6,894,134	62,030,125	6,357,590	63,788,552	6,337,888	62,281,201	6,615,671
Phosphate rock ..... long tons[2]	2,386,138	11,399,124	2,338,264	10,796,456	2,654,988	10,917,000	3,053,279	11,900,693	2,973,332	11,675,774
Salt ..... barrels[17]	28,822,062	7,553,632	30,107,646	8,343,831	30,305,656	7,900,344	31,183,968	8,345,692	33,324,808	9,402,772
Zinc oxide[18] ..... short tons[2]	56,292	5,072,460	68,974	6,156,755	58,481	5,238,945	.....	.....	.....	.....
Gypsum ..... do	1,721,829	4,075,824	2,252,785	5,906,738	2,379,057	6,523,029	2,323,970	6,462,035	2,500,757	6,563,908
Lithium minerals ..... do	203	1,550	.....	(10)	.....	(10)	.....	(10)	.....	(10)
Borax, crude ..... do	25,000	975,000	41,434	1,534,365	42,357	1,201,842	53,330	1,569,151	42,315	1,127,813
Arsenious oxide ..... pounds	.....	(10)	2,428,000	52,946	2,994,000	52,305	6,264,000	73,408	6,282,000	190,757
Mineral paints[19] ..... short tons[2]	69,244	2,367,723	78,771	2,373,805	85,304	2,141,654	143,350	7,842,583	181,154	10,069,588
Grindstones	.....	536,095	.....	804,051	.....	796,294	.....	907,316	.....	916,339
Fibrous talc ..... short tons[2]	70,739	697,390	48,536	359,957	71,710	728,180	62,030	613,286	66,867	656,270
Asphaltum ..... do	198,382	2,057,881	228,655	2,138,273	260,080	3,080,067	364,266	3,991,109	449,510	4,620,731
Talc and soapstone ..... do	46,615	703,832	81,802	862,002	79,006	864,213	81,521	1,032,732	92,403	1,050,693
Gems and precious stones	.....	415,063	.....	534,380	.....	295,797	.....	343,692	.....	319,722
Pyrite ..... long tons[2]	222,598	857,113	247,070	1,028,157	241,612	977,978	301,458	1,164,871	350,928	1,334,259

[1] By "spot" value is meant value at the point of production.

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

[3] Iron ore—1908: 35,983,336 long tons; value at mines, $81,845,904. 1909: 51,294,271 long tons; value at mines, $110,290,596. 1910: 56,889,734 long tons; value at mines, $140,735,607. 1911: 41,092,447 long tons; value at mines, $86,716,575; 1912: 57,017,614 long tons; value at mines, $107,050,153.

[4] Ferro-alloys include ferromanganese and spiegeleisen, ferrosilicon and ferrophosphorus, ferromolybdenum, ferrotitanium, ferrotungsten, and ferrovanadium. The ferro-alloys are made chiefly of foreign ores. Pig iron in 1910 includes ferro-alloys valued at $7,423,502.

[5] Average price per troy ounce in 1908 was 53 cents; in 1909, 52 cents; in 1910, 54 cents; in 1911, 53 cents; in 1912, 61.5 cents.

[6] Coining value, $20.671834625323.

[7] The product from domestic ores only.

[8] Of 75 avoirdupois pounds net.

[9] Consumption.

[10] Included under "Unspecified."

[11] In 1908, no production. In 1909, about 17 short tons of stream tin from Alaska were shipped to England. In 1910, small production from Alaska, North Carolina, South Dakota, and Texas; in 1911, from Alaska and Texas, and in 1912, from Alaska.

[12] Including brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania. Coke—1909: 39,315,065 short tons; value at ovens, $89,965,483. 1910: 41,708-810 tons; value, $99,742,701. 1911: 35,551,489 tons; value, $84,130,849. 1912: 43,983,599 tons; value, $111,736,696.

[13] Including limestone for iron flux, but not including grindstones.

[14] Of 42 gallons.

[15] Value of clay, mined and sold as unmanufactured clay: 1908, $2,599,986; 1909, $3,449,707; 1910, $3,625,485; 1911, $3,480,763; 1912, $3,946,020.

[16] Of 380 pounds net.

[17] Of 280 pounds net—values for net product exclusive of cost of packages.

[18] Included under "Mineral paints," after 1910.

[19] Including metallic paints, ocher, umber, mortar colors, sienna, ground slate, shales, cobalt oxide in 1907, 1908, and 1909, and since 1907 sublimed blue lead, sublimed white lead, zinc lead, and leaded zinc oxide; in 1910, also whiting; in 1911 and 1912, also zinc oxide.

No. 145.—Mineral Production: Quantities and Values of Specified Kinds, Calendar Years 1908 to 1912—Continued.

Product.	1908		1909		1910		1911		1912	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
NONMETALLIC (SPOT VALUES)—continued.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Corundum and emery ..... short tons[1]	669	8,745	1,580	18,185	1,028	15,077	659	6,778	992	6,652
Oilstones, etc	.....	217,284	.....	214,019	.....	228,694	.....	214,991	.....	232,218
Garnet (abrasive) ..... short tons[1]	1,996	64,620	2,972	102,315	3,814	113,574	4,076	121,748	4,182	137,800
Mica ..... sheet, pounds	972,964	234,021	1,809,582	234,482	2,476,190	283,832	1,887,201	310,254	845,483	282,823
Mica ..... scrap, short tons[1]	2,417	33,904	4,090	46,047	4,065	53,265	3,512	45,550	3,226	49,073
Barytes (crude) ..... short tons[1]	38,527	120,442	61,945	209,737	42,975	121,746	38,445	122,792	37,478	153,313
Bromine ..... pounds	760,023	73,783	569,725	57,600	245,437	31,684	651,541	110,902	647,200	136,174
Calcium chloride ..... short tons[1]	.....	.....	.....	.....	10,971	74,713	14,606	91,215	18,550	117,272
Fluorspar ..... do	38,785	225,998	50,742	291,747	69,427	430,196	87,048	611,447	116,545	769,163
Feldspar ..... do	70,474	428,553	76,539	424,602	81,102	502,452	92,700	579,008	86,572	520,562
Manganiferous ores ..... long tons[1]	55,620	132,556	68,654	215,925	61,101	186,765	44,437	114,918	51,517	19,942
Manganese ore ..... do	6,144	62,779	1,544	19,675	2,258	22,892	2,457	24,586	1,664	15,723
Quartz ..... short tons[1]	47,316	190,157	135,469	249,466	63,577	193,757	87,943	155,122	97,874	191,685
Thorium minerals (monazite) and zircon, pounds	422,646	50,718	543,931	65,282	99,301	12,006	3,208	802	.....	.....
Graphite	[2] 2,288,000	132,840	[2] 6,294,400	313,271	[2] 5,590,592	295,733	[2] 4,790,000	256,050	[2] 3,543,771	187,689
Graphite	[3] 1,443	75,250	[3] 5,096	32,238	[3] 1,407	39,710	[3] 1,223	32,415	[3] 923	24,344
Bauxite ..... long tons[1]	52,167	263,968	129,101	679,447	148,932	716,258	155,618	750,649	159,865	768,932
Sulphur ..... do	369,444	6,668,215	239,312	4,432,066	255,534	4,605,112	265,664	4,787,049	303,472	5,256,422
Sulphuric acid (60° Baumé) from copper and zinc smelters ..... short tons[1]	.....	.....	.....	.....	.....	.....	438,300	2,733,696	614,073	4,240,941
Fuller's earth ..... do	29,714	278,367	33,486	301,604	32,822	293,709	40,697	383,124	32,715	305,522
Glass sand ..... do	1,093,553	1,134,599	1,104,451	1,163,375	1,461,089	1,516,711	1,538,666	1,543,733	1,465,386	1,430,471
Marls ..... do	8,469	4,330	.....	.....	.....	.....	.....	.....	.....	.....
Infusorial earth and tripoli ..... do	.....	97,442	.....	122,348	.....	130,006	.....	147,462	.....	125,446
Pumice ..... do	10,569	39,287	15,103	33,439	23,271	94,943	21,689	88,399	27,146	86,687
Millstones	.....	31,420	.....	35,393	.....	28,217	.....	40,069	.....	71,414

Chromic iron ore.....long tons[1]	359	7,230	598	8,300	205	2,729	120	1,629	201	2,758
Magnesite.....short tons[1]	6,587	19,761	9,465	37,860	12,443	74,658	9,375	75,000	10,512	105,120
Asbestos.....do	936	19,624	3,085	62,603	3,693	68,357	7,604	119,935	4,403	87,959
Sand, molding, building, etc., and gravel, short tons[1]	36,122,491	12,135,433	58,461,100	17,173,615	67,949,347	19,520,919	65,308,293	19,614,850	66,889,175	21,682,737
Titanium ore (rutile).....pounds				10,000	1,132,000	44,480			550,000	(4)
Tungsten ore.....short tons[1]	671	229,955	1,619	614,370	1,821	807,307	1,139	407,985	1,330	502,158
Uranium and vanadium minerals.....do				(4)		(4)		305,500		(4)
Total value of nonmetallic mineral products		1,044,398,939		1,133,000,740		1,242,820,417		1,246,750,346		1,376,027,241
Total value of metallic products		549,923,116		754,281,705		749,285,310		680,531,782		867,103,085
Estimated value of mineral products unspecified[5]		250,000		300,000		300,000		250,000		500,000
Grand total		1,594,572,055		1,887,582,445		1,992,405,727		1,927,532,128		2,243,630,326

[1] "Long" tons, 2,240 avoirdupois pounds; "short" tons, 2,000 pounds. [2] Crystalline, pounds. [3] Amorphous, short tons. [4] Included under "Unspecified."

[5] Includes nitrate of soda, carbonate of soda, sulphate of soda, and alum clays used by paper manufacturers; and cadmium, rutile, selenium, and uranium and vanadium minerals, estimated together at $500,000 in 1912.

No. 146.—GOLD AND SILVER PRODUCTION FROM MINES IN THE UNITED STATES: 1792 TO 1906.[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	51,206,400	35,022,300	40,401,000
1879	1,881,787	38,900,000	31,565,500	35,477,100
1880	1,741,500	36,000,000	30,318,700	34,717,000
1881	1,678,612	34,700,000	33,257,800	37,657,500
1882	1,572,187	32,500,000	36,196,900	41,105,900
1883	1,451,250	30,000,000	35,732,800	39,618,400
1884	1,489,950	30,800,000	37,743,800	41,921,300
1885	1,538,373	31,801,000	39,909,400	42,503,500
1886	1,686,788	34,869,000	39,694,000	39,482,400
1887	1,603,049	33,136,000	41,721,600	40,887,200
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	36,445,500
1896	2,568,132	53,088,000	58,834,800	39,654,600
1897	2,774,935	57,363,000	58,860,000	32,316,000
1898	3,118,398	64,463,000	54,438,000	32,118,400
1899	3,437,210	71,053,400	54,764,500	32,858,700
1900	3,829,897	79,171,000	57,647,000	35,741,100
1901	3,805,500	78,666,700	55,214,000	33,128,400
1902	3,870,000	80,000,000	55,500,000	29,415,000
1903	3,560,000	73,591,700	54,300,000	29,322,000
1904	3,892,480	80,464,700	57,682,800	33,456,024
1905	4,265,742	88,180,700	56,101,600	34,221,976
1906[3]	4,565,333	94,378,800	56,517,900	38,256,400

[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 coining value of silver, multiply number of fine ounces by $1.2929+

[3] For subsequent years see next table, and for world's production see Table 350.

No. 147.—ESTIMATED VALUE OF THE PRODUCT OF GOLD AND SILVER, CALENDAR YEARS 1907 TO 1913:[1] BY STATES.

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

GOLD.

State.	1907	1908	1909	1910	1911	1912	1913[2]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alaska	18,489,400	19,858,800	20,339,600	16,271,800	16,665,200	17,198,600	14,782,512
Arizona	2,664,000	2,500,000	2,626,800	3,413,200	3,521,400	3,785,400	3,803,039
California	16,858,500	19,329,700	20,703,600	20,441,400	19,928,500	20,008,000	20,108,447
Colorado	20,897,600	22,871,000	21,846,600	20,526,500	19,138,800	18,741,200	18,420,031
Georgia	64,800	56,200	43,400	24,000	32,000	10,900	9,881
Idaho	1,255,900	1,443,500	1,344,200	1,035,900	1,357,900	1,401,700	1,366,605
Montana	3,472,600	3,160,000	3,750,100	3,720,400	3,649,700	3,707,900	3,078,202
Nevada	15,411,000	11,689,400	16,386,200	18,873,700	18,096,900	13,575,700	12,279,131
New Mexico	330,000	306,300	252,800	477,200	761,700	754,600	844,086
North Carolina	78,700	97,500	31,400	64,500	71,900	156,000	111,442
Oregon	1,222,200	905,900	829,000	681,400	634,200	759,700	1,370,987
South Carolina	58,100	53,700	7,400	37,800	20,100	15,400	1,985
South Dakota	4,138,200	7,742,200	6,573,600	5,380,200	7,429,500	7,823,700	7,197,498
Texas	1,000	500	400	400	3,900	2,200	120
Utah	5,121,600	3,946,700	4,213,300	4,312,700	4,486,200	4,312,600	3,400,103
Washington	262,300	253,700	429,000	806,000	840,000	682,600	692,021
Wyoming	.....	.....	.....	.....	.....	24,300	30,491
Philippine Islands	.....	.....	.....	.....	.....	461,600	737,039
Other	114,800	344,900	296,000	202,000	252,100	29,400	20,403
Total value	90,435,700	94,560,000	99,678,400	96,269,100	96,890,000	93,451,500	88,301,023
Total fine ounces (troy)	4,374,827	4,574,340	4,821,700	4,657,017	4,687,053	4,520,719	4,271,562

SILVER (COMMERCIAL VALUE).

Alaska	118,300	109,400	103,300	83,100	252,900	331,800	229,453
Arizona	1,916,000	1,551,200	1,312,300	1,434,100	1,743,600	2,118,000	2,049,766
California	1,049,400	911,300	1,198,500	967,400	686,300	851,200	923,087
Colorado	7,587,000	5,429,400	4,600,100	4,602,400	3,958,800	4,876,500	5,536,837
Georgia	500	100	100	200	300	100	51
Idaho	5,206,300	4,042,900	3,513,100	3,794,600	4,419,800	4,833,400	5,787,077
Michigan	218,700	157,300	113,100	141,600	274,100	334,100	259,339
Montana	7,345,500	5,539,500	6,257,900	6,632,800	6,568,500	7,698,500	7,880,166
Nevada	5,465,100	5,086,100	5,262,000	6,677,600	7,120,400	8,514,400	9,133,229
New Mexico	395,700	214,500	168,600	420,600	724,300	898,000	921,943
North Carolina	16,600	700	200	4,500	500	1,400	1,371
Oregon	63,400	30,000	36,200	23,600	24,200	32,200	95,870
South Carolina	100	100	.....	.....	.....	.....	8
South Dakota	70,400	105,500	102,100	65,100	108,200	126,500	101,696
Texas	201,500	239,100	212,200	196,800	239,900	233,500	259,022
Utah	7,528,500	4,520,600	5,486,600	5,640,800	6,280,500	8,038,300	7,416,664
Washington	55,400	46,400	39,100	110,600	124,400	215,600	159,038
Wyoming	.....	.....	.....	.....	.....	200	2,254
Philippine Islands	.....	.....	.....	.....	.....	3,600	6,029
Other	61,400	66,500	49,800	58,700	89,000	89,200	97,636
Total commercial value	37,299,700	28,050,600	28,455,200	30,854,500	32,615,700	39,197,400	40,864,871
Total fine ounces (troy)	56,514,700	52,440,800	54,721,500	57,137,900	60,399,400	63,766,800	67,601,111

[1] For prior years see previous table, and for world's production see Table 350.
[2] Preliminary figures.

No. 148.—ANTHRACITE AND BITUMINOUS COAL PRODUCTION: QUANTITIES, CENSUS YEAR ENDED MAY 31, 1880, AND IN CALENDAR YEARS 1890, 1900, AND 1904 TO 1912, BY STATES.

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

State.	1880	1890	1900	1904	1905	1906	1907	1908	1909	1910	1911	1912
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	64,352	66,806	[2] 53,793	55,439	37,195	69,375	80,960	88,001	75,514
Pennsylvania	[3] 25,580,189	41,489,858	51,221,353	65,318,490	69,339,152	63,645,010	76,432,421	74,347,102	72,384,249	75,433,246	80,771,488	75,322,855
Total anthracite	[3] 25,580,189	41,489,858	51,309,214	65,382,842	69,405,958	63,698,803	76,487,860	74,384,297	72,453,624	75,514,296	80,859,489	75,398,369
BITUMINOUS.												
Alabama	289,261	3,652,151	7,494,888	10,055,398	10,594,704	11,703,538	12,723,620	10,361,244	12,235,223	14,385,234	13,411,983	14,375,536
Arkansas	13,195	357,043	1,292,808	1,794,153	1,727,387	1,664,525	2,384,320	1,855,676	2,122,462	1,701,748	1,881,062	1,875,731
California	211,562	98,849	[4] 154,382	[4] 71,055	[4] 72,164	[4] 27,528	[4] 21,508	[4] 19,520	[4] 43,425	10,861	[4] 10,399	[4] 10,119
Colorado	413,167	2,747,324	4,626,943	5,901,884	7,835,733	8,974,080	9,596,441	8,590,315	9,518,960	10,646,775	9,011,602	9,755,053
Georgia	138,075	203,872	281,747	342,135	314,278	296,524	323,572	236,448	188,567	158,254	147,509	203,127
Idaho	.....	.....	9	[5] 3,107	5,252	[5] 5,504	[5] 6,105	4,847	4,065	3,971	[5] 1,626	[5] 2,646
Illinois	5,460,158	13,653,947	23,007,126	32,567,019	34,316,395	37,035,807	45,818,880	42,553,295	45,450,884	40,982,362	47,927,784	53,468,952
Indiana	1,298,506	2,951,551	5,789,363	9,680,526	10,620,761	10,796,929	12,487,244	10,995,438	13,244,874	16,419,478	12,679,781	13,647,962
Indian Territory	107,988	776,097	1,716,337	2,720,124	2,611,096	2,553,750	.....	.....	.....	.....	.....	.....
Iowa	1,304,568	3,590,839	4,645,481	5,821,369	6,070,187	6,487,700	6,762,788	6,394,027	6,926,573	7,078,679	6,546,114	6,508,508
Kansas	688,788	2,017,788	3,989,170	5,654,738	5,735,696	5,379,263	6,537,901	5,576,346	6,237,927	4,394,153	5,516,721	6,237,663
Kentucky	844,900	2,412,050	4,758,005	6,764,716	7,529,038	8,619,328	9,601,004	9,148,708	9,551,236	13,056,535	12,544,377	14,723,679
Maryland	1,990,104	2,998,047	3,593,471	4,297,877	4,561,196	4,853,083	4,939,847	[6] 3,908,163	3,592,179	4,658,147	4,183,746	4,432,177
Michigan	90,000	66,944	758,460	1,198,964	1,315,367	1,202,088	1,817,730	1,638,410	1,593,475	1,370,506	1,317,923	1,076,991
Missouri	753,843	2,442,162	3,160,806	3,721,702	3,556,587	3,355,364	3,569,586	2,961,888	3,354,045	2,662,887	3,425,096	3,874,871
Montana	200	462,033	1,483,728	1,213,320	1,467,707	1,633,858	1,800,765	1,714,455	2,280,304	2,608,009	2,657,463	2,721,871
Nebraska	179	.....	.....	.....	.....	.....	670	.....	.....	.....	.....	.....
New Mexico	.....	335,515	1,127,752	1,275,443	1,451,355	1,754,208	2,329,544	2,178,660	2,481,365	3,095,520	2,780,345	3,128,940
North Carolina	313	9,164	[7] 15,834	6,250	1,390	.....	.....	.....	.....	.....	107	179
North Dakota	.....	26,786	115,967	242,793	283,520	272,937	310,500	286,377	376,828	356,287	448,775	445,964
Ohio	5,364,817	10,262,952	16,953,705	21,785,912	22,815,134	24,760,393	28,698,588	23,455,928	24,946,108	30,544,346	27,464,273	30,829,221
Oklahoma	.....	.....	.....	.....	.....	.....	3,252,373	2,632,246	2,785,158	2,362,702	2,744,859	3,281,623

Pennsylvania	16,451,088	37,769,797	71,287,791	87,444,899	105,726,462	115,440,363	134,056,408	104,624,578	123,184,635	134,394,220	129,072,551	144,522,757
Tennessee	442,081	1,937,130	3,133,537	4,269,830	5,148,831	5,588,639	6,080,574	5,534,974	5,677,362	6,358,375	5,743,889	5,779,668
Texas	.....	164,679	864,619	1,067,807	1,072,039	1,172,208	1,471,490	1,692,301	1,628,964	1,689,443	1,763,029	1,954,118
Utah	13,168	284,071	1,024,131	1,333,060	1,189,618	1,582,635	1,738,935	1,648,921	2,024,017	2,248,044	2,243,906	2,692,990
Virginia	38,463	700,010	2,137,280	3,045,459	3,817,206	3,798,999	4,206,156	3,802,716	4,243,051	5,810,712	6,129,167	7,005,927
Washington	129,478	1,128,294	2,209,012	2,801,501	2,557,969	2,925,164	3,286,189	2,700,842	3,216,306	3,492,767	3,190,013	3,000,832
West Virginia	1,633,789	6,602,370	20,220,721	28,934,600	33,742,482	38,652,098	42,938,913	37,408,788	46,293,946	55,063,410	53,421,054	59,630,971
Wyoming	526,424	1,669,964	3,584,466	4,623,711	5,001,804	5,476,780	5,583,027	4,901,698	5,708,133	6,725,971	6,022,200	6,578,682
RECAPITULATION.[8]												
Middle States	25,439,748	57,633,166	112,055,688	142,463,288	166,845,274	183,705,937	210,633,756	169,397,457	198,016,868	224,660,123	214,141,624	239,415,126
Western States	10,535,833	29,629,338	51,161,510	70,626,026	76,203,757	80,614,806	94,285,532	37,442,973	94,692,003	93,245,107	95,553,459	52,328,528
Southern States	1,874,276	10,547,711	22,822,807	31,341,315	34,267,413	37,151,719	42,372,653	85,612,249	40,913,388	58,618,533	47,146,327	104,316,517
Pacific States	392,784	1,566,858	3,440,091	4,308,312	3,922,808	4,612,019	5,116,113	4,451,147	5,365,738	5,815,940	5,487,606	5,743,763
Total bituminous	38,242,641	99,377,073	189,480,097	248,738,941	281,239,252	306,084,481	352,408,054	296,903,826	338,987,997	372,339,703	362,329,016	401,803,934
Total anthracite and bituminous[9]	63,822,830	140,866,931	240,789,310	314,121,783	350,645,210	369,783,284	428,895,914	371,288,123	411,441,621	447,853,909	443,188,505	477,202,304
AMOUNTS MARKETED.[10]												
Pennsylvania anthracite — tons	.....	38,403,552	46,355,595	63,907,788	63,057,076	57,355,519	68,975,615	66,655,548	64,663,564	67,539,106	72,492,000	67,343,159
Pennsylvania anthracite — value, dolls.	.....	66,383,772	85,757,851	138,974,020	141,879,000	131,917,694	163,584,056	158,178,849	149,181,587	160,275,302	175,189,392	177,622,626
Bituminous — tons	.....	97,957,790	186,227,513	243,181,440	275,050,479	299,183,137	344,240,502	289,275,096	330,585,909	363,783,858	353,245,459	391,869,724
Bituminous — value, dolls.	.....	110,420,801	218,930,313	305,397,001	334,658,294	381,162,115	451,214,842	374,135,268	405,486,777	469,281,719	451,375,319	517,983,445
Total — tons	.....	136,361,342	232,583,108	307,089,228	338,107,555	356,538,656	413,216,117	355,930,644	395,249,473	431,327,964	425,737,459	459,212,883
Total — value, dolls.	.....	176,804,573	306,688,164	444,371,021	476,537,294	513,079,809	614,798,898	532,314,117	554,902,624	629,557,021	626,565,211	696,606,071

[1] Included in bituminous product.
[2] Colorado only.
[3] Includes small amounts mined in Rhode Island and Virginia.
[4] Includes Alaska.
[5] Includes Nevada.
[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, 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. 149.—PIG-IRON PRODUCTION,[1] CALENDAR YEARS 1900 AND 1903 TO 1913, AND THE NUMBER OF FURNACES, 1902 AND 1913: BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: 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, 1902.	Pig-iron production.[2]												Furnaces.		
		1900	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	In blast. June 30, 1913.	In blast. Dec. 31, 1913.	Total Dec. 31, 1913.
		Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*			
Alabama	46	1,184,337	1,561,398	1,453,513	1,604,062	1,674,848	1,686,674	1,397,014	1,763,617	1,939,147	1,712,211	1,862,681	2,057,911	23	23	49
California[3]																
Colorado[3]	4	159,204	270,289	151,776	407,774	413,040	468,486	313,071	382,766	428,612	395,968	397,731	324,263	3	1	6
Connecticut[4]	4	10,233	14,501	8,922	15,987	20,239	19,119	13,794	18,388	16,582	9,649	17,366	12,810	2	1	3
Georgia[5]	5	28,984	75,602	70,156	38,699	92,599	55,825	24,345	26,072	14,725	1,200					4
Indiana[6]														10	5	10
Illinois	20	1,363,383	1,692,375	1,655,991	2,034,483	2,156,866	2,457,768	1,691,944	2,467,156	2,675,646	2,108,002	2,887,359	2,927,977	23	11	26
Kentucky[7]	8	71,562	102,441	37,106	63,735	98,127	127,946	45,096	86,371	100,509	95,202	68,760	315,731	2	1	8
Maryland	6	290,073	324,570	293,441	332,096	386,709	411,833	183,502	286,856	326,214	255,816	219,546	289,959	3	1	5
Massachusetts[4]	3	3,310	3,265	3,149										1	1	2
Michigan[6]	10	163,712	244,709	233,225	288,704	369,456	436,507	348,096	964,289	1,250,103	1,163,932	1,770,628	1,775,883	9	10	15
Minnesota[8]	1													1	1	1
Mississippi[7]																1
Missouri[3]	2													1	1	2
New Jersey[9]	11	170,262	211,667	262,294	311,039	379,390	373,189	225,372	294,474	264,781	40,663	36,876	2,187,620	2	2	7
New York[9]	20	292,827	552,917	605,709	1,198,068	1,552,659	1,659,752	1,019,495	1,733,675	1,938,407	1,562,756	1,939,231		20	12	28
North Carolina[5]	2															
Ohio	58	2,470,911	3,287,434	2,977,929	4,586,110	5,327,133	5,250,687	2,861,325	5,551,545	5,752,112	5,310,506	6,802,493	7,129,525	62	40	75
Oregon[3]	1															1
Pennsylvania	149	6,365,935	8,211,500	7,644,321	10,579,127	11,247,869	11,348,549	6,987,191	10,918,824	11,272,323	9,807,073	12,552,131	12,954,940	117	78	161
Tennessee	22	362,190	418,368	302,096	372,692	426,874	393,106	90,826	333,845	397,569	324,648	338,238	280,541	8	4	18
Texas[5]	4	10,150	11,653	5,530												4

Virginia	26	490,617	544,034	310,526	510,210	483,525	478,771	320,458	391,134	444,976	293,642	256,167	341,815	9	8	24
Washington[3]	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
West Virginia[7]	3	166,758	199,013	270,945	298,179	304,534	291,066	65,551	228,282	174,661	291,472	274,360	.....	3	1	4
Wisconsin[8]	6	184,794	283,516	210,404	351,415	373,323	322,083	148,938	348,177	307,200	276,807	303,370	367,326	5	4	7
Grand total	412	13,789,242	18,009,252	16,497,033	22,992,380	25,307,191	25,781,361	15,936,018	25,795,471	27,303,567	23,649,547	29,727,137	30,966,301	304	205	462
Geographic divisions:[10]																
New England and Middle States	196	7,299,398	9,517,433	9,088,781	12,734,496	13,891,400	14,103,508	8,494,905	13,480,499	13,992,968	11,967,429	15,039,510	15,679,845	148	96	210
Southern States	113	2,147,840	2,713,496	2,178,927	2,589,398	2,775,973	2,742,322	2,077,739	2,601,039	2,896,926	2,426,903	2,525,846	2,761,482	42	36	108
Western States	101	4,342,004	5,778,323	5,229,325	7,668,486	8,639,818	8,935,531	5,363,374	9,713,933	10,413,673	9,255,215	12,161,581	12,524,974	114	73	142
Pacific States	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
December 31—																
Furnaces in blast	307	232	182	261	313	340	167	236	338	206	231	313	.....	.....	.....	205
Furnaces out of blast	105	174	243	168	111	89	276	223	331	267	234	153	.....	.....	.....	257

[1] In tons of 2,240 pounds.

[2] Includes spiegeleisen, ferromanganese, ferrosilicon, ferrophosphorus, ferrotitanium, ferrovanadium, etc.

[3] Colorado includes Missouri; Washington is also included from 1900; California is included from 1907; and Oregon from 1911.

[4] Massachusetts and Connecticut combined after 1904.

[5] Georgia includes North Carolina and Texas to 1903 and Texas only from 1904 to 1911.

[6] Indiana and Michigan combined after 1906.

[7] Kentucky includes Mississippi and West Virginia in 1913.

[8] Wisconsin includes Minnesota.

[9] New Jersey includes New York in 1913.

[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. 150.—PIG-IRON PRODUCTION: QUANTITIES[1] AND KINDS, CALENDAR YEARS 1907 TO 1913, BY STATES.

[Source: 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. Figures of 1913 are preliminary.]

ANTHRACITE AND MIXED ANTHRACITE AND COKE PIG IRON.

State.	1907.	1908	1909	1910	1911	1912	1913
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
New York	117,288	355,009	698,431	649,082	229,575	247,179	277,347
New Jersey							
Pennsylvania	1,254,266						
Total	1,371,554	355,009	698,431	649,082	229,575	247,179	277,347

CHARCOAL PIG IRON.

State.	1907.	1908	1909	1910	1911	1912	1913
Massachusetts	19,119	14,494	20,629	16,632	9,649	17,366	12,810
Connecticut							
New York							
Pennsylvania	2,289	2,479	2,691	4,272	3,513	3,832	4,679
Maryland	1,444	3,298	5,588	1,555	3,325	3,189	3,240
Virginia							
Tennessee	20,519	19,474	14,684	11,453	5,334	2,866	2,338
Texas							
Kentucky							
Georgia							
Mississippi							
Alabama	35,141	28,815	33,641	35,704	32,557	34,033	32,450
Ohio	2,425	2,400	.....	1,060	1,902	1,925	2,001
Michigan	294,922	143,492	231,733	260,805	160,384	231,169	224,079
Wisconsin	61,538	39,694	67,037	65,026	61,512	52,645	58,384
Missouri							
Washington							
California							
Total	[2]437,397	[2]249,146	[2]376,003	[2]396,507	[2]278,676	[2]347,025	[2]339,981

BITUMINOUS COAL AND COKE PIG IRON.

State.	1907.	1908	1909	1910	1911	1912	1913
New York	1,659,752	1,018,795	1,731,434	1,938,357	1,562,756	1,939,231	2,187,620
New Jersey [3]	255,901	192,352	256,846	262,669	40,663	36,876	.....
Pennsylvania	10,091,994	6,662,723	10,255,330	10,621,081	9,573,746	12,301,120	12,672,914
Maryland	411,833	183,502	284,356	325,614	255,186	218,603	289,959
West Virginia	291,066	65,551	228,282	174,661	291,472	274,360	315,728
Kentucky [4]	125,984	43,172	84,016	98,951	93,574	68,580	.....
Tennessee	390,606	288,316	330,909	394,078	320,942	335,552	278,206
Virginia							
North Carolina	517,095	326,465	404,725	452,342	292,147	253,921	338,675
Georgia							
Texas							
Alabama	1,651,533	1,373,199	1,729,976	1,903,443	1,679,886	1,828,648	2,025,461
Ohio	5,248,262	2,858,925	5,551,545	5,751,052	5,308,408	6,800,568	7,127,524
Illinois	2,457,768	1,691,944	2,467,156	2,675,646	2,108,002	2,887,359	2,927,977
Indiana [5]							
Wisconsin	358,268	[6]315,985	[6]971,837	1,193,796	1,166,237	1,765,941	1,807,660
Michigan							
Minnesota							
Missouri							
Colorado	512,348	316,934	424,625	466,288	448,074	421,974	377,349
Washington							
California							
Total	[7]23,972,410	[7]15,331,863	[7]21,721,037	[7]26,257,978	[7]23,141,093	[7]29,132,733	[7]30,348,973

[1] In tons of 2,240 pounds.
[2] Includes small quantities of pig iron and ferro alloys made with charcoal and electricity.
[3] The production of New Jersey is included with that of New York in 1913.
[4] The production of Kentucky is included with that of West Virginia in 1913.
[5] The production of Indiana is included with Wisconsin and Michigan for 1907, 1908, 1909, 1910, and 1911 only. Prior to 1907 Indiana had not made pig iron for a number of years.
[6] Includes a small quantity of iron made experimentally in Michigan with manufactured gas. No iron made in Michigan in 1910 or 1911 with manufactured gas.
[7] Includes small quantities of ferro alloys made with coke and electricity, coal and natural gas, etc.

No. 151.—CRUDE-STEEL PRODUCTION: QUANTITIES AND KINDS, 1880 TO 1912.

[Source: 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.*
1880	1,074,262	100,851	64,664	7,558	1,247,335
1881	1,374,247	131,202	80,145	2,720	1,588,314
1882	1,514,687	143,341	75,973	2,691	1,736,692
1883	1,477,345	119,356	71,835	4,999	1,673,535
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	83,391	9,190	13,859,887
1905	10,941,375	8,971,376	102,233	8,963	20,023,947
1906	12,275,330	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

No. 152.—IRON-ORE PRODUCTION (MARKETED): QUANTITIES, BY STATES, CALENDAR YEARS 1907 TO 1912.

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

State.	1907	1908	1909	1910	1911	1912
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Alabama	4,039,453	3,734,438	4,321,252	4,801,275	3,955,582	4,776,545
Arkansas and Texas	118,667	[1] 55,966	[1] 6,474	[1] 29,535	.....	(2)
California, Colorado, Montana, Nevada, New Mexico, Washington, and Wyoming	831,258	528,625	637,582	861,850	(3)	(3)
Connecticut and Massachusetts	37,166	28,112	38,272	34,158	(2)	(2)
Georgia	444,114	321,060	221,016	313,878	207,279	135,337
Kentucky, Maryland, and West Virginia	62,808	53,235	98,657	78,409	(2)	(2)
Michigan	11,830,342	8,839,199	11,900,384	13,303,906	8,945,103	12,797,468
Minnesota	28,969,658	18,652,220	28,975,149	31,966,769	23,398,406	34,249,813
Missouri	[4] 111,768	98,414	89,954	78,341	72,810	42,120
New Jersey	549,760	394,767	543,720	521,832	359,721	366,823
New York	1,375,020	697,473	1,015,333	1,287,209	1,057,984	1,167,405
North Carolina	50,439	48,522	61,150	65,278	(5)	(2)
Ohio	23,589	26,585	16,527	22,320	16,697	20,861
Pennsylvania	837,287	443,161	666,889	739,799	514,929	522,172
Tennessee	813,690	635,343	657,795	732,247	469,728	416,885
Utah	.....	.....	.....	.....	34,528	7,280
Virginia	786,856	692,223	837,847	903,377	610,871	412,520
Wisconsin	838,744	733,993	1,067,436	1,149,551	559,763	1,152,250
All other	.....	.....	.....	.....	889,046	950,135
Total	51,720,619	35,983,336	51,155,437	56,889,734	41,092,447	57,017,614

[1] Texas only.
[2] Included in "All other."
[3] Does not include, Utah shown below.
[4] Includes Iowa.
[5] Included under Kentucky, etc.

No. 153.—IRON AND STEEL MANUFACTURES: Quantities and Kinds, Calendar Years 1908 to 1912.

[Source: 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.]

Articles.	1908	1909	1910	1911	1912
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Pig iron	15,936,018	25,795,471	27,303,567	23,649,547	29,726,937
Spiegeleisen and ferromanganese (included with pig iron)	152,018	225,040	224,431	184,718	221,724
Finished iron and steel:					
Rails—					
Bessemer steel	1,349,153	1,767,171	1,884,442	1,058,420	1,099,926
Open-hearth steel	571,791	1,256,674	1,751,359	1,676,923	2,105,144
Iron	71	.....	230	[1] 92,447	[1] 122,845
Total rails	1,921,015	3,023,845	3,636,031	2,822,790	3,327,915
Structural shapes	1,083,181	2,275,562	2,266,890	1,912,367	2,846,487
Wire rods	1,816,949	2,385,685	2,241,830	2,450,453	2,658,553
Plate and sheet, except nail plate and skelp	2,649,693	4,234,346	4,955,484	4,488,049	5,875,080
Nail plate	45,747	63,746	45,294	48,522	45,331
Bar, bolt, hoop, skelp, rolled axles, rolled armor plate, etc	4,311,608	7,711,506	8,475,750	7,316,990	9,908,475
Total finished rolled	11,828,193	19,644,690	21,621,279	19,039,171	24,656,841
Nails:					
Cut nails and cut spikes	[2] 956,182	[2] 1,207,597	[2] 1,105,233	[2] 967,636	[2] 978,415
Wire nails	[2] 10,662,972	[2] 13,916,053	[2] 12,704,902	[2] 13,437,778	[2] 14,659,700
Steel ingots and castings:					
Bessemer	6,116,755	9,330,783	9,412,772	7,947,854	10,327,901
Open-hearth	7,886,729	14,493,936	16,504,509	15,598,650	20,780,723
Crucible	63,631	107,355	122,303	97,653	121,517
All other, including electric	6,132	22,947	55,335	31,949	21,162
Total crude steel	14,023,247	23,955,021	26,094,919	23,676,106	31,251,303
Ore, pig, and scrap blooms for sale	8,103	9,593	14,016	2,271	250
Tin plates and terneplates	537,037	611,959	722,770	783,960	962,971

[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. 154.—TIN-PLATE MANUFACTURES: Quantities, 1894 to 1912.

[Sources: Report of Col. Ira Ayer, special Treasury agent, to 1896, inclusive; 1897 to 1911, annual reports of the American Iron and Steel Association, excepting 1900 and 1904, figures for which are from census reports 1912 from the bureau of statistics of the American Iron and Steel Institute.]

Calendar year.	Tin plates.	Terne-plates.	Amount made from—		Total.
			American black plates.	Foreign black plates.	
	Pounds net.	*Pounds net.*	*Pounds net.*	*Pounds net.*	*Pounds net.*
1894	102,223,407	64,120,002	119,667,483	46,675,296	166,343,409
1895	165,927,907	88,683,488	241,316,527	13,294,868	254,611,395
1896	270,151,785	89,058,013	358,212,482	997,316	359,209,798
1897	.....	.....	.....	.....	574,779,520
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	.....	.....	1,293,739,000
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

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

No. 155.—FATALITIES IN COAL MINES: By States, Calendar Years 1899 to 1912.

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

State.	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Alabama	40	37	41	50	57	83	187	96	154	108	129	238	209	121
Arkansas	.....	.....	18	13	.....	.....	8	13	13	14	15	14	12	6
California and Alaska	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Colorado	40	31	55	72	44	95	65	90	107	63	97	323	91	95
Georgia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	2
Idaho	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	73	102	106	107	158	173	203	161	192	172	458	143	172	159
Indiana	17	19	24	24	52	34	47	31	53	45	50	51	46	40
Iowa	25	29	29	49	27	25	37	29	40	31	39	33	40	19
Kansas	16	22	11	29	33	32	41	39	38	38	32	17	42	28
Kentucky	7	17	21	19	27	20	31	39	32	40	34	86	45	51
Maryland	5	7	12	11	12	10	15	6	.....	.....	20	17	15	13
Michigan	.....	10	6	8	8	8	9	5	7	6	9	6	7	8
Missouri	11	19	16	10	17	11	11	16	8	10	21	14	8	20
Montana	1	7	7	12	5	9	8	13	13	21	11	12	13	7
New Mexico	18	9	12	14	22	8	7	14	31	24	14	16	21	15
North Dakota	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	2	1	.....
Ohio	56	71	67	87	124	118	127	132	154	115	112	161	109	133
Oklahoma	27	35	57	42	41	29	41	44	32	51	67	40	33	99
Oregon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1
Pennsylvania (anthracite)	461	411	513	300	518	595	644	557	708	678	567	601	710	584
Pennsylvania (bituminous)	258	265	301	456	402	536	479	477	806	572	506	539	529	437
Tennessee	20	10	44	226	26	28	29	32	30	34	29	38	115	18
Texas	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	7	8	2
Utah	.....	209	8	8	7	10	7	8	8	8	15	15	14	18
Virginia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	57	68	75
Washington	45	32	27	34	25	31	12	22	37	25	39	43	27	14
West Virginia	96	150	133	134	147	149	212	277	734	309	336	329	350	359
Wyoming	.....	.....	41	190	.....	.....	12	15	.....	81	30	38	33	34
Total killed	1,216	1,402	1,549	1,895	1,752	2,004	2,232	2,116	3,197	2,449	2,608	2,840	2,719	2,360
Number killed per 1,000 men employed	3.07	3.45	3.25	3.71	3.20	3.50	3.63	3.35	4.88	3.64	4.00	3.92	3.73	3.27

No. 156.—DENATURED ALCOHOL: Number of Denaturing Warehouses and Amounts of Spirits Denatured, Years Ended June 30, 1907 to 1913.

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

Fiscal year.	Warehouses.	Completely denatured.	Specially denatured.	Total.	
				Wine gallons.	Equivalent in proof gallons.
		Wine gallons.	*Wine gallons.*		
1907	8	1,397,861.16	382,415.19	1,780,276.35	3,084,950.8
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
Total	.....	21,416,277.05	19,128,200.38	40,544,477.43	69,891,233.6

No. 157.—FATALITIES IN AND ABOUT COAL MINES: NUMBER OF MEN KILLED, BY LOCALITIES AND CAUSES, CALENDAR YEARS 1910, 1911, AND 1912.

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

Locality and cause.	1910	1911	1912
Underground:			
Falls of roof (coal, rock, etc.)[1]	1,310	1,321	1,151
Mine cars and locomotives	375	393	362
Gas or dust explosions, windy or blown-out shots	518	379	301
Explosives	176	134	133
Suffocation from mine gases	14	8	10
Electricity (shock or burns)	79	87	76
Animals	8	7	7
Machinery other than locomotives but including mining machines	18	15	14
Gases from mine fires	12	80	11
Other causes	44	40	54
Total	2,554	2,473	2,119
In shaft:			
Falling down shafts or slopes	57	42	28
Objects falling down shafts or slopes	2	4	5
Breaking of cables, chains, etc	2	3	2
Overwinding	.....	1	2
Other causes	14	13	17
Total	75	63	54
On the surface:			
Mine cars and mine locomotives	101	45	68
Electricity (shock or burns)	5	7	9
Machinery	38	33	30
Boiler explosions	3	3	1
Railway cars and locomotives	12	32	14
Other causes	52	63	65
Total	211	183	187
Grand total	2,840	2,719	2,360

[1] Includes fatalities from falls of coal other than roof coal.

No. 158.—CRUDE PETROLEUM PRODUCTION: QUANTITIES,[1] CALENDAR YEARS 1880, 1890, 1900, AND 1909 TO 1912, BY STATES.

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

State.	1880	1890	1900	1909	1910	1911	1912
	Barrels.	*Barrels.*	*Barrels.*	*Barrels.*	*Barrels.*	*Barrels.*	*Barrels.*
California	40,552	307,360	4,324,484	55,471,601	73,010,560	81,134,391	86,450,767
Colorado	.....	368,842	317,385	310,861	239,794	226,926	206,052
Illinois	.....	900	200	30,898,339	33,143,362	31,317,038	28,601,308
Indiana	.....	63,496	4,874,392	2,296,086	2,159,725	1,695,289	970,009
Kansas	.....	1,200	74,714	1,263,764	1,128,668	1,278,819	1,592,796
Kentucky	.....	[2] 6,000	[2] 62,259	639,016	468,774	472,458	484,368
Louisiana	.....	.....	.....	3,059,531	6,841,395	10,720,420	9,263,439
Missouri	.....	278	[3] 1,602	[3] 5,750	[3] 3,615	[3] 7,995	.....
New York	([4])	([4])	1,300,925	1,134,897	1,053,838	952,515	874,128
Ohio	38,940	16,124,656	22,362,730	10,632,793	9,916,370	8,817,112	[3] 8,969,007
Oklahoma[5]	.....	.....	6,472	47,859,218	52,028,718	56,069,637	51,427,071
Pennsylvania	[6] 26,027,631	[6] 28,458,208	13,258,202	9,299,403	8,794,662	8,248,158	7,837,948
Texas	.....	54	836,030	9,534,467	8,899,266	9,526,474	11,735,057
West Virginia	179,000	492,578	16,195,675	10,745,092	11,753,071	9,795,464	12,128,962
Wyoming	.....	.....	5,450	[7] 20,056	[7] 115,430	[7] 186,695	1,572,306
Total	26,286,123	45,823,572	63,620,529	183,170,874	209,557,248	220,449,391	222,113,218
Total value (dollars)	24,600,638	35,365,105	75,752,691	128,328,487	127,899,688	134,044,752	163,802,334

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

No. 159.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS.

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

Occupation.	Male.	Female.	Total.
Agriculture, forestry, and animal husbandry:			
Dairy farmers	59,240	2,576	61,816
Dairy farm laborers	32,237	2,777	35,014
Farmers [1]	5,607,297	257,706	5,865,003
Farm laborers—			
Farm laborers (home farm)	2,133,949	1,176,585	3,310,534
Farm laborers (working out)	2,299,444	337,522	2,636,966
Turpentine farm laborers	27,241	316	27,557
Total	4,460,634	1,514,423	5,975,057
Farm, dairy farm, garden, orchard, etc., foremen—			
Dairy farm foremen	1,001	85	1,086
Farm foremen [2]	34,915	7,505	42,420
Garden and greenhouse foremen	1,223	88	1,311
Orchard, nursery, etc., foremen	2,687	87	2,774
Total	39,826	7,765	47,591
Fishermen and oystermen	67,799	476	68,275
Foresters	4,332	.....	4,332
Gardeners, florists, fruit growers, and nurserymen—			
Florists	7,977	1,051	9,028
Fruit growers and nurserymen	44,186	2,355	46,541
Gardeners	75,481	4,413	79,894
Landscape gardeners	3,777	15	3,792
Total	131,421	7,834	139,255
Garden, greenhouse, orchard, and nursery laborers—			
Cranberry-bog laborers	1,316	68	1,384
Garden laborers	76,372	4,942	81,314
Greenhouse laborers	16,796	961	17,757
Orchard and nursery laborers	31,969	1,503	33,472
Total	126,453	7,474	133,927
Lumbermen, raftsmen, and woodchoppers—			
Foremen and overseers	4,798	.....	4,798
Lumbermen and raftsmen	113,999	37	114,036
Teamsters and haulers	15,038	.....	15,038
Woodchoppers and tie cutters	27,356	40	27,396
Total	161,191	77	161,268
Owners and managers of log and timber camps	7,927	4	7,931
Stock herders, drovers, and feeders	62,090	885	62,975
Stock raisers	50,847	1,674	52,521
Other agricultural and animal-husbandry pursuits—			
Apiarists	2,020	125	2,145
Cornshellers, hay balers, grain thrashers, etc	5,617	.....	5,617
Ditchers	15,198	.....	15,198
Poultry raisers and poultry-yard laborers	11,777	3,607	15,384
Other and not specified pursuits	5,796	98	5,894
Total	40,408	3,830	44,238
Total agriculture, forestry, and animal husbandry	10,851,702	1,807,501	12,659,203
Extraction of minerals:			
Foremen, overseers, and inspectors—			
Foremen and overseers	22,133	9	22,142
Inspectors	1,195	1	1,196
Total	23,328	10	23,338
Operators, officials, and managers—			
Managers	9,786	12	9,798
Officials	1,140	9	1,149
Operators	14,201	86	14,287
Total	25,127	107	25,234

[1] Includes turpentine farmers.

[2] Includes turpentine farm foremen.

No. 159.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Extraction of minerals—Continued.			
Coal-mine operatives	613,519	405	613,924
Copper-mine operatives	39,251	19	39,270
Gold and silver mine operatives	55,397	39	55,436
Iron-mine operatives	49,564	39	49,603
Operatives in other and not specified mines—			
Lead and zinc-mine operatives	19,471	15	19,486
All other mine operatives	27,698	68	27,766
Total	47,169	83	47,252
Quarry operatives	80,795	45	80,840
Oil, gas, and salt well operatives—			
Oil and gas well operatives	25,548	14	25,562
Salt well and works operatives	4,032	333	4,365
Total	29,580	347	29,927
Total extraction of minerals	963,730	1,094	964,824
Manufacturing and mechanical industries:			
Apprentices—			
Apprentices to building and hand trades	27,999	32	28,031
Dressmakers' and milliners' apprentices	31	11,980	12,011
Other apprentices	75,339	3,583	78,922
Total	103,369	15,595	118,964
Bakers	84,752	4,779	89,531
Blacksmiths, forgemen, and hammermen—			
Blacksmiths	232,957	31	232,988
Forgemen, hammermen, and welders	7,531	.....	7,531
Total	240,488	31	240,519
Boilermakers	44,761	.....	44,761
Brick and stone masons	169,387	15	169,402
Builders and building contractors	173,573	849	174,422
Butchers and dressers (slaughterhouse)	16,349	2	16,351
Cabinetmakers	41,884	8	41,892
Carpenters	817,082	38	817,120
Compositors, linotypers, and typesetters	113,538	14,051	127,589
Coopers	25,292	7	25,299
Dressmakers and seamstresses (not in factory)	1,582	447,760	449,342
Dyers	13,396	654	14,050
Electricians and electrical engineers	135,427	92	135,519
Electrotypers, stereotypers, and lithographers—			
Electrotypers and stereotypers	4,268	100	4,368
Lithographers	7,661	477	8,138
Total	11,929	577	12,506
Engineers (mechanical)	14,514	.....	14,514
Engineers (stationary)	231,031	10	231,041
Engravers	13,429	538	13,967
Filers, grinders, buffers, and polishers (metal)—			
Buffers and polishers	28,191	2,305	30,496
Filers	10,069	167	10,236
Grinders	8,419	374	8,793
Total	46,679	2,846	49,525
Firemen (except locomotive and fire department)	111,248	.....	111,248
Foremen and overseers (manufacturing)	155,358	19,740	175,098
Furnacemen, smeltermen, heaters, pourers, etc.—			
Furnacemen and smeltermen	19,719	16	19,735
Heaters	10,111	9	10,120
Ladlers and pourers	679	.....	679
Puddlers	5,717	.....	5,717
Total	36,226	25	36,251
Glassblowers	15,474	90	15,564

No. 159.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Jewelers, watchmakers, goldsmiths, and silversmiths—			
Goldsmiths and silversmiths	5,553	204	5,757
Jewelers and lapidaries (factory)	8,783	1,848	10,631
Jewelers and watchmakers (not in factory)	15,701	485	16,186
Total	30,037	2,537	32,574
Laborers (not otherwise specified)—			
Building and hand trades—			
General and not specified laborers	853,679	15,799	869,478
Helpers in building and hand trades	65,352	79	65,431
Total	919,031	15,878	934,909
Chemical industries—			
Fertilizer factories	9,757	90	9,847
Paint factories	2,842	117	2,959
Powder, cartridge, fireworks, etc., factories	3,947	330	4,277
Other chemical factories	23,165	1,493	24,658
Total	39,711	2,030	41,741
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories	77,333	621	77,954
Glass factories	23,686	948	24,634
Lime, cement, and gypsum factories	35,931	152	36,083
Marble and stone yards	6,847	68	6,915
Potteries	8,641	599	9,240
Total	152,438	2,388	154,826
Iron and steel industries—			
Automobile factories	15,644	139	15,783
Blast furnaces and rolling mills [1]	201,030	1,362	202,392
Car and railroad shops	48,114	228	48,342
Wagon and carriage factories	12,232	159	12,391
Other iron and steel works	199,781	4,252	204,033
Total	476,801	6,140	482,941
Other metal industries—			
Brass mills	10,606	279	10,885
Copper factories	11,532	54	11,586
Lead and zinc factories	7,871	74	7,945
Tinware and enamel-ware factories	6,709	878	7,587
Other metal factories	5,416	1,354	6,770
Total	42,134	2,639	44,773
Lumber and furniture industries—			
Furniture, piano, and organ factories	27,188	889	28,077
Saw and planing mills	258,361	1,781	260,142
Other woodworking factories	27,679	1,346	29,025
Total	313,228	4,016	317,244
Textile industries—			
Cotton mills	32,037	5,767	37,804
Silk mills	2,686	1,112	3,798
Woolen and worsted mills	10,245	2,045	12,290
Other textile mills	26,139	7,115	33,254
Total	71,107	16,039	87,146
Other industries—			
Charcoal and coke works	11,431	15	11,446
Cigar and tobacco factories	11,436	4,956	16,392
Clothing industries	5,424	4,816	10,240
Electric light and power plants	8,011	165	8,176
Electrical supply factories	10,053	1,381	11,434
Food industries—			
Bakeries	3,755	755	4,510
Butter and cheese factories	4,688	128	4,816
Fish curing and packing	4,637	233	4,870
Flour and grain mills	9,152	91	9,243
Fruit and vegetable canning, etc	3,683	987	4,670
Slaughter and packing houses	32,471	1,432	33,903
Sugar factories and refineries	8,647	108	8,755
Other food factories	8,658	2,590	11,248

[1] Includes tin-plate mills.

No. 159.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Laborers (not otherwise specified)—Continued.			
Other industries—Continued.			
Gas works	16,534	15	16,549
Liquor and beverage industries	18,294	563	18,857
Oil refineries	11,151	64	11,215
Paper and pulp mills	29,959	1,429	31,388
Printing and publishing	5,217	1,824	7,041
Rubber factories	12,224	1,322	13,546
Shoe factories	7,952	2,325	10,277
Tanneries	20,491	307	20,798
Turpentine distilleries	6,354	51	6,405
Other factories	136,675	13,672	150,347
Total	386,897	39,229	426,126
Total laborers (not otherwise specified)	2,401,347	88,359	2,489,706
Loom fixers	13,254	.....	13,254
Machinists, millwrights, and tool makers—			
Machinists and millwrights	478,713	73	478,786
Tool makers, and die setters and sinkers	9,243	20	9,263
Total	487,956	93	488,049
Managers and superintendents (manufacturing)	102,748	1,462	104,210
Manufacturers and officials—			
Manufacturers	230,809	4,298	235,107
Officials	21,083	401	21,484
Total	251,892	4,699	256,591
Mechanics (not otherwise specified)—			
Gunsmiths, locksmiths, and bell hangers	3,248	3	3,251
Wheelwrights	3,732	.....	3,732
Other mechanics	27,765	39	27,804
Total	34,745	42	34,787
Millers (grain, flour, feed, etc.)	23,093	59	23,152
Milliners and millinery dealers	5,459	122,447	127,906
Molders, founders, and casters (metal)—			
Brass molders, founders, and casters	6,509	3	6,512
Iron molders, founders, and casters	112,070	52	112,122
Other molders, founders, and casters	2,204	62	2,266
Total	120,783	117	120,900
Oilers of machinery	13,990	23	14,013
Painters, glaziers, varnishers, enamelers, etc.—			
Enamelers, lacquerers, and japanners	1,968	1,031	2,999
Painters, glaziers, and varnishers (building)	273,060	381	273,441
Painters, glaziers, and varnishers (factory)	59,786	1,129	60,915
Total	334,814	2,541	337,355
Paper hangers	24,780	797	25,577
Pattern and model makers	23,006	553	23,559
Plasterers	47,676	6	47,682
Plumbers and gas and steam fitters	148,304	.....	148,304
Pressmen (printing)	19,892	192	20,084
Rollers and roll hands (metal)	18,384	23	18,407
Roofers and slaters	14,078	.....	14,078
Sawyers	43,257	19	43,276
Semiskilled operatives (not otherwise specified)—			
Chemical industries—			
Paint factories	3,292	628	3,920
Powder, cartridge, fireworks, etc., factories	2,858	2,405	5,263
Other chemical factories	11,008	10,514	21,522
Total	17,158	13,547	30,705
Cigar and tobacco factories	79,947	71,572	151,519

No. 159.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Semiskilled operatives (not otherwise specified)—Continued.			
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories	12,649	758	13,407
Glass factories	37,927	3,950	41,877
Lime, cement, and gypsum factories	8,417	129	8,546
Marble and stone yards	8,389	150	8,539
Potteries	11,785	4,474	16,259
Total	79,167	9,461	88,628
Clothing industries—			
Hat factories (felt)	22,377	4,198	26,575
Suit, coat, cloak, and overall factories	44,878	9,333	54,211
Other clothing factories	28,460	35,361	63,821
Total	95,715	48,892	144,607
Food industries—			
Bakeries	3,008	5,930	8,938
Butter and cheese factories	11,065	533	11,598
Candy factories	13,608	17,335	30,943
Flour and grain mills	3,750	242	3,992
Fruit and vegetable canning, etc	2,127	3,163	5,290
Slaughter and packing houses	7,121	2,327	9,448
Other food factories	11,633	6,992	18,625
Total	52,312	36,522	88,834
Harness and saddle industries	21,958	692	22,650
Iron and steel industries—			
Automobile factories	20,222	680	20,902
Blast furnaces and rolling mills [1]	67,746	2,384	70,130
Car and railroad shops [2]	47,405	279	47,684
Wagon and carriage factories	21,236	942	22,178
Other iron and steel works	188,662	18,757	207,419
Total	345,271	23,042	368,313
Other metal industries—			
Brass mills	14,350	2,535	16,885
Clock and watch factories	9,252	6,376	15,628
Gold and silver and jewelry factories	10,474	6,177	16,651
Lead and zinc factories	1,601	263	1,864
Tinware and enamel ware factories	6,674	3,937	10,611
Other metal factories	6,553	1,558	8,111
Total	48,904	20,846	69,750
Liquor and beverage industries—			
Breweries	21,250	580	21,830
Distilleries	2,648	796	3,444
Other liquor and beverage factories	5,766	463	6,229
Total	29,664	1,839	31,503
Lumber and furniture industries—			
Furniture, piano, and organ factories	58,304	4,508	62,812
Saw and planing mills [3]	63,684	2,376	66,060
Other woodworking factories	32,304	6,314	38,618
Total	154,292	13,198	167,490
Paper and pulp industries	25,803	10,580	36,383
Printing and publishing	32,808	34,661	67,469
Shoe factories	121,744	59,266	181,010
Tanneries	31,713	1,840	33,553
Textile industries—			
Beamers, warpers, and slashers—			
Cotton mills	4,855	2,838	7,693
Silk mills	1,408	3,220	4,628
Woolen and worsted mills	2,059	511	2,570
Other textile mills	1,290	512	1,802
Total	9,612	7,081	16,693

[1] Includes tin plate mills.
[2] Includes car repairers for street and steam railroads.
[3] Includes wooden box factories.

No. 159.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Semiskilled operatives (not otherwise specified)—Continued.			
Textile industries—Continued.			
Bobbin boys, doffers, and carriers—			
Cotton mills	14,398	2,400	16,798
Silk mills	320	297	617
Woolen and worsted mills	1,824	1,075	2,899
Other textile mills	1,080	1,120	2,200
Total	17,622	4,892	22,514
Carders, combers, and lappers—			
Cotton mills	11,729	4,210	15,939
Silk mills	60	83	143
Woolen and worsted mills	4,447	911	5,358
Other textile mills	1,814	702	2,516
Total	18,050	5,906	23,956
Drawers, rovers, and twisters—			
Cotton mills	9,535	9,937	19,472
Silk mills	1,472	2,353	3,825
Woolen and worsted mills	866	3,599	4,465
Other textile mills	607	1,626	2,233
Total	12,480	17,515	29,995
Spinners—			
Cotton mills	15,874	32,151	48,025
Silk mills	1,046	2,397	3,443
Woolen and worsted mills	6,997	6,390	13,387
Other textile mills	3,866	5,338	9,204
Total	27,783	46,276	74,059
Weavers—			
Cotton mills	48,929	43,911	92,840
Silk mills	18,435	17,736	36,171
Woolen and worsted mills	17,197	14,660	31,857
Other textile mills	19,723	23,127	42,850
Total	104,284	99,434	203,718
Winders, reelers, and spoolers—			
Cotton mills	3,226	24,283	27,509
Silk mills	1,222	14,904	16,126
Woolen and worsted mills	932	6,611	7,543
Other textile mills	1,890	11,265	13,155
Total	7,270	57,063	64,333
Other occupations—			
Cotton mills	30,625	19,724	50,349
Silk mills	4,995	8,825	13,820
Woolen and worsted mills	18,601	12,290	30,891
Other textile mills	46,899	73,033	119,932
Total	101,120	113,872	214,992
Other industries—			
Electrical supply factories	13,636	11,041	24,677
Paper box factories	4,859	13,028	17,887
Rubber factories	20,814	9,469	30,283
Other factories	152,616	83,398	236,014
Total	191,925	116,936	308,861
Total semiskilled operatives (not otherwise specified)	1,626,600	814,933	2,441,533
Sewers and sewing-machine operators (factory)[1]	60,003	231,206	291,209
Shoemakers and cobblers (not in factory)	68,788	782	69,570
Skilled occupations (not otherwise specified)—			
Annealers and temperers (metal)	1,894	7	1,901
Piano and organ tuners	6,528	105	6,633
Wood carvers	5,308	60	5,368
Other skilled occupations	2,830	76	2,906
Total	16,560	248	16,808

[1] Includes sewers and sewing-machine operators in all factories, except shoe and harness factories and sack sewers in cement, sugar, and grain mills.

No. 159.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Stonecutters	35,726	5	35,731
Structural-iron workers (building)	11,427	.....	11,427
Tailors and tailoresses	163,795	40,813	204,608
Tinsmiths and coppersmiths—			
Coppersmiths	3,410	.....	3,410
Tinsmiths	56,399	24	56,423
Total	59,809	24	59,833
Upholsterers	18,928	1,293	20,221
Total manufacturing and mechanical industries	8,837,901	1,820,980	10,658,881
Transportation:			
Water transportation (selected occupations)—			
Boatmen, canalmen, and lock keepers	5,289	15	5,304
Captains, masters, mates, and pilots	24,242	.....	24,242
Longshoremen and stevedores	62,813	44	62,857
Sailors and deck hands	46,498	12	46,510
Total	138,842	71	138,913
Road and street transportation (selected occupations)—			
Carriage and hack drivers	35,339	37	35,376
Chauffeurs	45,752	33	45,785
Draymen, teamsters, and expressmen [1]	408,396	73	408,469
Foremen of livery and transfer companies	6,606	.....	6,606
Garage keepers and managers	5,256	23	5,279
Hostlers and stable hands	63,382	6	63,388
Livery-stable keepers and managers	34,612	183	34,795
Proprietors and managers of transfer companies	15,368	230	15,598
Total	614,711	585	615,296
Railroad transportation (selected occupations)—			
Baggagemen and freight agents—			
Baggagemen	12,273	.....	12,273
Freight agents	4,755	5	4,760
Total	17,028	5	17,033
Boiler washers and engine hostlers	10,409	.....	10,409
Brakemen	92,572	.....	92,572
Conductors (steam railroad)	65,604	.....	65,604
Conductors (street railroad)	56,932	.....	56,932
Foremen and overseers	69,693	240	69,933
Laborers—			
Steam railroad	539,920	3,248	543,168
Street railroad	27,602	205	27,807
Total	567,522	3,453	570,975
Locomotive engineers	96,229	.....	96,229
Locomotive firemen	76,381	.....	76,381
Motormen	59,005	.....	59,005
Officials and superintendents—			
Steam railroad	19,803	2	19,805
Street railroad	2,433	.....	2,433
Total	22,236	2	22,238
Switchmen, flagmen, and yardmen—			
Switchmen and flagmen (steam railroad)	73,367	52	73,419
Switchmen and flagmen (street railroad)	2,153	.....	2,153
Yardmen (steam railroad)	9,575	.....	9,575
Total	85,095	52	85,147
Ticket and station agents	22,930	1,208	24,138
Total, railroad transportation (selected occupations)	1,241,636	4,960	1,246,596

[1] Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; and drivers for bakeries and laundries are classified with deliverymen in trade.

No. 159.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Transportation—Continued.			
Express, post, telegraph, and telephone (selected occupations)—			
Agents (express companies)	5,804	71	5,875
Express messengers and railway mail clerks—			
Express messengers	6,778	3	6,781
Railway mail clerks	15,240	.....	15,240
Total	22,018	3	22,021
Mail carriers	79,667	1,011	80,678
Telegraph and telephone linemen	28,347	3	28,350
Telegraph messengers	9,074	78	9,152
Telegraph operators	61,734	8,219	69,953
Telephone operators	9,631	88,262	97,893
Total express, post, telegraph, and telephone (selected occupations)	216,275	97,647	313,922
Other transportation pursuits—			
Foremen and overseers (not otherwise specified)—			
Road and street building and repairing	7,064	.....	7,064
Telegraph and telephone companies	3,439	404	3,843
Water transportation	3,016	.....	3,016
Other transportation	814	1	815
Total	14,333	405	14,738
Inspectors—			
Steam railroad	27,525	136	27,661
Street railroad	2,265	3	2,268
Other transportation	3,172	136	3,308
Total	32,962	275	33,237
Laborers (not otherwise specified)—			
Road and street building and repairing	180,468	.....	180,468
Street cleaning	9,946	.....	9,946
Other transportation	30,762	261	31,023
Total	221,176	261	221,437
Proprietors, officials, and managers (not otherwise specified)—			
Telegraph and telephone companies	*8,680*	*1,409*	*10,089*
Other transportation	4,731	19	4,750
Total	13,411	1,428	14,839
Other occupations (semiskilled)—			
Steam railroad	24,105	270	24,375
Street railroad	5,147	40	5,187
Other transportation	8,477	654	9,131
Total	37,729	964	38,693
Total transportation	2,531,075	106,596	2,637,671
Trade:			
Bankers, brokers, and money lenders—			
Bankers and bank officials	54,387	1,672	56,059
Commercial brokers and commission men	23,690	319	24,009
Loan brokers and loan company officials	1,989	122	2,111
Pawnbrokers	1,191	41	1,232
Stock brokers	13,522	207	13,729
Brokers not specified and promotors	8,391	273	8,664
Total	103,170	2,634	105,804
Clerks in stores[1]	275,589	111,594	387,183
Commercial travelers	161,027	2,593	163,620
Decorators, drapers, and window dressers	4,902	439	5,341
Deliverymen—			
Bakeries and laundries	24,012	18	24,030
Stores	205,457	132	205,589
Total	229,469	150	229,619

[1] Many of the "clerks" in stores evidently are "salesmen and saleswomen."

No. 159.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910, BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Trade—Continued.			
Floorwalkers, foremen, and overseers—			
Floorwalkers and foremen in stores	14,900	3,046	17,946
Foremen warehouses, stockyards, etc	2,749	29	2,778
Total	17,649	3,075	20,724
Inspectors, gaugers, and samplers	11,685	1,761	13,446
Insurance agents and officials—			
Insurance agents	85,926	2,537	88,463
Officials of insurance companies	9,376	125	9,501
Total	95,302	2,662	97,964
Laborers in coal and lumber yards, warehouses, etc.—			
Coal yards	16,655	8	16,663
Elevators	6,335	11	6,346
Lumber yards	43,389	9	43,398
Stock yards	5,991	7	5,998
Warehouses	8,080	638	8,718
Total	80,450	673	81,123
Laborers, porters, and helpers in stores	98,169	4,164	102,333
Newsboys	29,435	273	29,708
Proprietors, officials, and managers (not otherwise specified)—			
Employment office keepers	1,540	720	2,260
Proprietors, etc., elevators	5,105	13	5,118
Proprietors, etc., warehouses	4,368	25	4,393
Other proprietors, officials, and managers	10,339	252	10,591
Total	21,352	1,010	22,362
Real estate agents and officials	122,935	2,927	125,862
Retail dealers	1,127,926	67,103	1,195,029
Salesmen and saleswomen—			
Auctioneers	3,985	5	3,990
Demonstrators	1,250	3,130	4,380
Sales agents	31,424	4,098	35,522
Salesmen and saleswomen (stores)[1]	626,751	250,487	877,238
Total	663,410	257,720	921,130
Undertakers	19,921	813	20,734
Wholesale dealers, importers, and exporters	50,123	925	51,048
Other pursuits (semiskilled)—			
Fruit graders and packers	2,677	2,038	4,715
Meat cutters	15,378	27	15,405
Other occupations	16,013	5,507	21,520
Total	34,068	7,572	41,640
Total trade	3,146,582	468,088	3,614,670
Public service (not elsewhere classified):			
Firemen (fire department)	35,606	.....	35,606
Guards, watchmen, and doorkeepers	78,168	103	78,271
Laborers (public service)—			
Garbage men and scavengers	4,227	.....	4,227
Other laborers	62,278	729	63,007
Total	66,505	729	67,234
Marshals, sheriffs, detectives, etc.—			
Detectives	6,162	187	6,349
Marshals and constables	9,071	2	9,073
Probation and truant officers	855	188	1,043
Sheriffs	7,131	3	7,134
Total	23,219	380	23,599
Officials and inspectors (city and county)—			
Officials and inspectors (city)	32,199	1,011	33,210
Officials and inspectors (county)	17,469	1,575	19,044
Total	49,668	2,586	52,254

[1] Many of the "clerks" in stores evidently are "salesmen and saleswomen."

No. 159.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Public service (not elsewhere classified)—Continued.			
Officials and inspectors (state and United States)—			
Officials and inspectors (state)	6,662	540	7,202
Officials and inspectors (United States)	36,727	8,997	45,724
Total	43,389	9,537	52,926
Policemen	61,980	.....	61,980
Soldiers, sailors, and marines	77,153	.....	77,153
Other pursuits—			
Life savers	2,158	.....	2,158
Lighthouse keepers	1,552	41	1,593
Other occupations	6,335	182	6,517
Total	10,045	223	10,268
Total public service (not elsewhere classified)	445,733	13,558	459,291
Professional service:			
Actors	16,305	11,992	28,297
Architects	16,311	302	16,613
Artists, sculptors, and teachers of art	18,675	15,429	34,104
Authors, editors, and reporters—			
Authors	2,310	2,058	4,368
Editors and reporters	30,201	4,181	34,382
Total	32,511	6,239	38,750
Chemists, assayers, and metallurgists	15,694	579	16,273
Civil and mining engineers and surveyors—			
Civil engineers and surveyors	52,028	5	52,033
Mining engineers	6,930	.....	6,930
Total	58,958	5	58,963
Clergymen	117,333	685	118,018
College presidents and professors	12,710	2,958	15,668
Dentists	38,743	1,254	39,997
Designers, draftsmen, and inventors—			
Designers	9,211	2,577	11,788
Draftsmen	32,923	391	33,314
Inventors	2,303	44	2,347
Total	44,437	3,012	47,449
Lawyers, judges, and justices	114,146	558	114,704
Musicians and teachers of music	54,832	84,478	139,310
Photographers	26,811	4,964	31,775
Physicians and surgeons	142,117	9,015	151,132
Showmen	18,988	1,108	20,096
Teachers—			
Teachers (athletics, dancing, etc.)	2,768	1,163	3,931
Teachers (school)	118,442	476,864	595,306
Total	121,210	478,027	599,237
Trained nurses	5,819	76,508	82,327
Veterinary surgeons	11,652	.....	11,652
Other professional pursuits	7,585	8,092	15,677
Semiprofessional pursuits—			
Abstractors, notaries, and justices of the peace	6,660	785	7,445
Fortune tellers, hypnotists, spiritualists, etc.	380	1,220	1,600
Healers (except physicians and surgeons)	2,162	4,672	6,834
Keepers of charitable and penal institutions	5,246	2,245	7,491
Officials of lodges, societies, etc.	6,245	1,970	8,215
Religious and charity workers	7,081	8,889	15,970
Theatrical owners, managers, and officials	11,027	295	11,322
Other occupations	5,731	318	6,049
Total	44,532	20,394	64,926
Attendants and helpers (professional service)	10,315	8,286	18,601
Total professional service	929,684	733,885	1,663,569
Domestic and personal service:			
Barbers, hairdressers, and manicurists	172,977	22,298	195,275
Bartenders	100,984	250	101,234

No. 159.—Population 10 Years of Age and Upward Engaged in Gainful Occupations, Census Year 1910, by Sex and Specified Occupations—Con.

Occupation.	Male.	Female.	Total.
Domestic and personal service—Continued.			
Billiard room, dance hall, skating rink, etc., keepers—			
Billiard and pool room keepers	13,700	159	13,859
Dance hall, skating rink, etc., keepers	2,243	659	2,902
Total	15,943	818	16,761
Boarding and lodging house keepers	23,052	142,400	165,452
Bootblacks	14,000	20	14,020
Charwomen and cleaners	7,195	26,839	34,034
Elevator tenders	25,010	25	25,035
Hotel keepers and managers	50,269	14,235	64,504
Housekeepers and stewards	15,940	173,333	189,273
Janitors and sextons	91,629	21,452	113,081
Laborers (domestic and professional service)	50,265	3,215	53,480
Launderers and laundresses (not in laundry)	13,693	520,004	533,697
Laundry operatives [1]	35,899	75,980	111,879
Laundry owners, officials, and managers [1]	17,057	986	18,043
Midwives and nurses (not trained)—			
Midwives	.....	6,205	6,205
Nurses (not trained)	15,926	110,912	126,838
Total	15,926	117,117	133,043
Porters (except in stores)	84,055	73	84,128
Restaurant, café, and lunch-room keepers	50,316	10,516	60,832
Saloon keepers	66,724	1,491	68,215
Servants—			
Bell boys, chore boys, etc	17,667	662	18,329
Chambermaids	187	39,602	39,789
Coachmen and footmen	25,667	.....	25,667
Cooks	117,004	333,436	450,440
Other servants	102,151	935,849	1,038,000
Total	262,676	1,309,549	1,572,225
Waiters	102,495	85,798	188,293
Other pursuits—			
Bathhouse keepers and attendants	3,125	1,470	4,595
Cemetery keepers	4,811	31	4,842
Cleaners and renovators (clothing, etc.)	12,215	2,645	14,860
Umbrella menders and scissors grinders	1,016	37	1,053
Other occupations	4,056	264	4,320
Total	25,223	4,447	29,670
Total domestic and personal service	1,241,328	2,530,846	3,772,174
Clerical occupations:			
Agents, canvassers, and collectors—			
Agents	48,495	2,290	50,785
Canvassers	13,980	4,615	18,595
Collectors	33,850	1,897	35,747
Total	96,325	8,802	105,127
Bookkeepers, cashiers, and accountants	299,545	187,155	486,700
Clerks (except clerks in stores)—			
Shipping clerks	78,192	2,161	80,353
Other clerks	519,641	120,504	640,145
Total	597,833	122,665	720,498
Messenger, bundle, and office boys [2]—			
Bundle and cash boys and girls	4,274	6,592	10,866
Messenger, errand, and office boys	92,474	4,695	97,169
Total	96,748	11,287	108,035
Stenographers and typewriters	53,378	263,315	316,693
Total clerical occupations	1,143,829	593,224	1,737,053
Grand total gainfully occupied	30,091,564	8,075,772	38,167,336
Total population 10 years of age and over (1910)	37,027,558	34,552,712	71,580,270

[1] Some owners of hand laundries are included with "laundry operatives."
[2] Except telegraph and telephone messengers.

No. 160.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1900 AND 1910: BY SEX, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[From reports of the Bureau of the Census, Department of Commerce.]

State.	1900			1910		
	Male.	Female.	Total.	Male.	Female.	Total.
Alabama	563,179	200,009	763,188	683,194	314,330	997,524
Arizona	46,584	6,786	53,370	77,236	10,589	87,825
Arkansas	407,942	77,853	485,795	510,410	161,993	672,403
California	556,345	87,922	644,267	932,752	174,916	1,107,668
Colorado	190,297	27,966	218,263	285,083	53,641	338,724
Connecticut	296,971	88,639	385,610	370,481	119,981	490,462
Delaware	60,024	12,972	72,996	68,317	17,546	85,863
District of Columbia	85,780	41,161	126,941	105,044	52,921	157,965
Florida	163,989	37,581	201,570	248,926	73,161	322,087
Georgia	645,932	218,539	864,471	807,185	352,941	1,160,126
Idaho	58,167	4,516	62,683	118,050	13,038	131,088
Illinois	1,509,394	294,646	1,804,040	1,865,422	431,356	2,296,778
Indiana	782,237	116,716	898,953	880,979	155,731	1,036,710
Iowa	682,521	106,883	789,404	694,799	131,514	826,313
Kansas	452,169	55,571	507,740	540,639	80,694	621,333
Kentucky	646,909	105,622	752,531	719,369	147,611	866,980
Louisiana	405,182	130,911	536,093	501,574	177,609	679,183
Maine	224,847	51,930	276,777	242,175	63,282	305,457
Maryland	359,755	98,983	458,738	410,884	130,280	541,164
Massachusetts	879,374	329,033	1,208,407	1,086,767	444,301	1,531,068
Michigan	772,299	133,691	905,990	926,815	186,183	1,112,998
Minnesota	548,946	96,928	645,874	689,847	145,604	835,451
Mississippi	466,766	178,357	645,123	574,279	305,366	879,645
Missouri	966,866	154,526	1,121,392	1,076,772	211,564	1,288,336
Montana	104,990	9,809	114,799	159,896	18,851	178,747
Nebraska	327,354	46,616	373,970	377,811	63,303	441,114
Nevada	17,809	2,000	19,809	40,535	4,375	44,910
New Hampshire	136,961	41,758	178,719	143,363	48,340	191,703
New Jersey	603,237	154,522	757,759	834,795	239,565	1,074,360
New Mexico	59,710	6,310	66,020	106,418	15,079	121,497
New York	2,324,429	672,045	2,996,474	3,020,158	983,686	4,003,844
North Carolina	556,581	160,161	716,742	674,849	272,990	947,839
North Dakota	103,548	14,092	117,640	188,372	29,046	217,418
Ohio	1,299,881	246,071	1,545,952	1,572,343	346,712	1,919,055
Oklahoma	243,932	22,473	266,405	520,376	78,253	598,629
Oregon	151,200	18,437	169,637	264,691	40,473	305,164
Pennsylvania	2,017,052	431,537	2,448,589	2,525,245	605,437	3,130,682
Rhode Island	139,829	52,094	191,923	180,962	70,939	251,901
South Carolina	389,645	181,350	570,995	460,794	267,833	728,627
South Dakota	121,512	15,644	137,156	190,363	28,714	219,077
Tennessee	611,383	116,204	727,587	682,248	173,298	855,546
Texas	892,641	140,392	1,033,033	1,228,422	328,444	1,556,866
Utah	73,840	10,764	84,604	113,113	18,427	131,540
Vermont	112,181	22,752	134,933	115,781	28,308	144,089
Virginia	536,883	125,532	662,415	626,868	168,700	795,568
Washington	204,606	20,781	225,387	455,375	66,126	521,501
West Virginia	294,502	31,161	325,663	394,390	54,100	448,490
Wisconsin	616,391	116,147	732,538	729,804	162,608	892,412
Wyoming	41,264	3,004	44,268	67,593	6,013	73,606
Total	23,753,836	5,319,397	29,073,233	30,091,564	8,075,772	38,167,336
Geographic divisions.[1]						
New England	1,790,163	586,206	2,376,369	2,139,529	775,151	2,914,680
Middle Atlantic	4,944,718	1,258,104	6,202,822	6,380,198	1,828,688	8,208,886
East North Central	4,980,202	907,271	5,887,473	5,975,363	1,282,590	7,257,953
West North Central	3,202,916	490,260	3,693,176	3,758,603	690,439	4,449,042
South Atlantic	3,093,091	907,440	4,000,531	3,797,257	1,390,472	5,187,729
East South Central	2,288,237	600,192	2,888,429	2,659,090	940,605	3,599,695
West South Central	1,949,697	371,629	2,321,326	2,760,795	746,299	3,507,094
Mountain	592,661	71,155	663,816	967,924	140,013	1,107,937
Pacific	912,151	127,140	1,039,291	1,652,805	281,515	1,934,320

[1] For States included in each division, see note 5, p. 25.

No. 161.—WAGE EARNERS: Number Employed in Manufactures, 1909, by Months and by Industries.

[Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment for each industry is shown by black figures and the minimum month by italic figures.]

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum is of maximum month.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Agricultural implements	50,551	51,540	53,673	54,759	53,165	50,990	48,727	45,027	*44,906*	46,484	49,477	52,410	**55,465**	81.0
Artificial flowers and feathers and plumes	10,016	10,046	10,352	10,709	10,302	9,658	*8,421*	8,597	9,435	10,241	10,957	10,820	10,672	76.9
Artificial stone	9,957	*4,856*	5,221	7,115	10,445	12,037	12,748	12,759	**12,884**	12,785	11,426	9,613	7,607	37.7
Artists' materials	658	*612*	635	632	637	642	628	622	614	691	719	725	752	81.4
Automobiles, including bodies and parts	75,721	*62,724*	66,806	71,142	73,752	75,481	76,176	76,549	78,468	77,445	77,280	82,956	**89,886**	69.8
Awnings, tents, and sails	4,242	*3,160*	3,412	3,906	4,654	5,249	**5,463**	5,177	4,525	4,110	3,889	3,619	3,697	57.8
Axle grease	176	171	179	172	171	174	*165*	169	175	**186**	180	179	181	88.7
Babbitt metal and solder	897	*781*	844	806	845	820	926	893	911	962	989	957	**1,026**	76.1
Bags, other than paper	7,968	*7,373*	7,515	7,626	7,640	7,543	7,503	7,974	8,310	8,528	8,553	**8,640**	8,395	85.3
Bags, paper	3,212	3,157	3,215	3,230	3,135	*3,110*	3,132	3,147	3,234	3,278	3,279	**3,328**	3,294	93.4
Baking powders and yeast	2,155	2,154	2,153	2,140	2,080	2,115	2,165	2,072	*2,040*	2,201	2,226	2,243	**2,267**	90.0
Baskets, and rattan and willow ware	4,664	*3,981*	4,448	4,703	5,146	**5,294**	5,279	5,071	4,957	4,697	4,197	4,042	4,176	75.2
Beet sugar	7,204	6,465	*2,206*	2,750	3,057	3,432	3,943	4,505	6,045	7,215	15,815	**16,807**	14,233	13.1
Belting and hose, leather	3,006	2,980	2,952	2,943	2,877	*2,863*	2,889	2,915	3,052	3,092	3,106	3,184	**3,210**	89.2
Belting and hose, woven and rubber	6,319	6,118	6,264	6,240	6,235	6,133	6,119	*6,104*	6,319	6,353	6,466	6,668	**6,798**	89.8
Bicycles, motor cycles, and parts	4,437	*3,991*	4,134	4,428	4,638	4,868	**4,996**	4,318	4,223	4,214	4,245	4,465	4,738	79.9
Billiard tables and materials	1,495	1,500	1,496	1,507	**1,547**	1,538	1,522	1,445	*1,394*	1,470	1,456	1,530	1,521	90.1
Blacking and cleansing and polishing preparations	2,417	*2,212*	2,295	2,382	2,419	2,468	2,460	2,379	2,385	2,461	2,545	**2,578**	2,447	85.8
Bluing	313	*289*	290	314	307	320	314	306	308	318	**331**	327	310	87.3
Bone, carbon, and lampblack	228	219	*215*	*215*	225	228	231	228	233	234	243	235	237	88.5
Boots and shoes, including cut stock and findings	198,297	199,019	202,095	199,778	192,507	*190,382*	192,119	195,929	200,184	199,572	199,556	200,977	**207,452**	91.8
Boots and shoes, rubber	17,612	16,921	*16,551*	17,433	17,510	17,601	17,868	17,670	16,687	17,965	18,386	**18,528**	18,223	89.3
Boxes, cigar	6,115	6,091	6,071	5,971	*5,915*	5,916	5,957	5,968	6,057	6,156	6,333	6,434	6,473	91.4
Boxes, fancy and paper	39,514	*37,864*	37,888	38,669	38,596	38,264	38,108	37,884	38,442	40,157	42,126	43,123	43,039	87.8
Brass and bronze products	40,618	*37,948*	38,496	38,657	38,348	38,565	38,957	39,808	40,930	42,081	43,541	44,431	**45,615**	83.2
Bread and other bakery products	100,216	*96,639*	96,916	98,023	98,222	98,857	100,310	101,652	101,839	102,525	**102,770**	102,511	102,342	94.0
Brick and tile	76,528	*38,312*	38,703	51,316	77,878	96,992	103,017	**104,930**	102,001	98,704	84,514	66,653	55,300	36.5
Brooms	5,199	5,322	5,372	5,313	5,231	5,073	5,035	*4,778*	4,913	5,172	5,305	5,431	**5,454**	87.6
Brushes	6,954	6,890	6,989	7,014	6,941	6,938	6,742	*6,510*	6,646	6,903	7,190	**7,360**	7,338	88.5
Butter, cheese, and condensed milk	18,431	*15,121*	15,239	15,978	18,059	20,262	21,313	**21,392**	20,934	20,065	18,902	17,571	16,343	70.7

No. 161.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum is of maximum month.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Butter, reworking	295	301	277	*268*	277	285	282	303	305	316	313	305	292	84.8
Buttons	16,427	*15,962*	16,042	16,356	16,281	16,320	16,400	15,968	16,022	16,478	17,108	17,149	17,641	87.1
Calcium lights	15	15	15	15	15	15	15	*13*	*13*	14	15	15	17	76.5
Candles	539	540	554	546	536	512	511	*460*	496	523	579	583	605	76.0
Canning and preserving	59,968	*19,998*	21,268	23,015	28,390	31,139	45,270	68,516	127,741	154,800	105,257	59,727	34,536	12.9
Card cutting and designing	525	534	539	539	530	522	508	*506*	519	533	520	525	543	93.2
Carpets and rugs, other than rag	33,307	33,312	33,603	33,313	*32,719*	32,835	33,186	33,297	33,387	33,462	33,082	33,397	34,097	96.0
Carpets, rag	1,982	*1,643*	1,663	1,863	2,045	2,168	2,183	2,120	2,053	2,058	2,048	2,000	1,949	75.3
Carriages and sleds, children's	5,300	5,637	5,971	5,683	5,540	5,309	4,836	*4,553*	4,627	5,066	5,258	5,366	5,750	76.3
Carriages and wagons, and materials	69,928	*66,567*	69,390	71,775	72,892	73,240	72,171	69,618	68,326	67,894	67,949	68,857	70,427	90.9
Cars and general shop construction and repairs by steam-railroad companies	282,174	278,795	273,678	273,622	269,502	*268,700*	272,165	276,061	284,253	292,042	296,302	299,381	301,538	89.1
Cars and general shop construction and repairs by street-railroad companies	22,418	*21,922*	22,005	22,169	22,198	22,280	22,325	22,273	22,411	22,857	22,869	22,825	22,898	95.7
Cars, steam-railroad, not including operations of railroad companies	43,086	43,218	40,817	38,290	38,370	*34,425*	38,979	38,531	37,363	45,329	48,368	55,166	58,183	59.2
Cars, street-railroad, not including operations of railroad companies	3,583	3,113	*3,106*	3,415	3,704	3,878	4,031	3,444	3,600	3,354	3,495	3,858	4,002	77.1
Cash registers and calculating machines	7,465	*6,640*	7,129	7,418	7,520	7,562	7,556	7,545	7,417	7,406	7,559	7,780	8,062	82.4
Cement	26,775	*21,167*	22,119	24,058	25,983	27,337	27,786	28,474	28,052	29,782	29,970	29,044	27,529	70.6
Charcoal	631	622	634	613	627	614	606	*479*	534	683	718	707	730	65.6
Chemicals	23,714	*22,609*	22,772	22,968	23,241	23,661	23,782	23,747	23,540	23,943	24,355	24,873	25,073	90.2
China decorating	328	316	321	332	342	329	342	312	*298*	320	345	334	342	86.4
Chocolate and cocoa products	2,826	2,924	2,961	2,924	2,865	2,796	2,667	2,304	*2,268*	2,893	3,094	3,094	3,133	72.4
Clocks and watches, including cases and materials	23,857	23,984	23,881	23,891	23,921	23,762	23,640	*18,325*	23,948	24,678	25,151	25,588	25,525	71.6
Cloth, sponging and refinishing	975	*925*	933	943	961	974	992	977	977	997	1,006	1,013	1,001	91.3
Clothing, horse	1,648	1,664	1,661	1,686	1,665	1,646	1,604	1,549	*1,522*	1,545	1,673	1,751	1,799	84.6
Clothing, men's, buttonholes	830	829	819	811	811	*794*	797	817	841	852	862	868	860	91.5
Clothing, men's, including shirts	239,696	*230,650*	235,015	238,738	235,435	238,060	239,941	236,846	237,758	241,225	244,127	247,169	251,349	91.8
Clothing, women's	153,743	147,075	160,066	165,960	158,188	146,342	138,548	*135,034*	148,121	163,278	167,525	161,975	152,801	80.6
Coffee and spice, roasting and grinding	7,490	*7,309*	7,341	7,472	7,371	7,354	7,408	7,370	7,410	7,711	7,800	7,752	7,579	93.7
Coffins, burial cases, and undertakers' goods	9,339	9,421	9,524	9,564	9,476	9,421	9,263	*8,905*	9,113	9,275	9,328	9,368	9,394	93.1
Coke	29,273	27,668	27,121	27,003	*26,461*	27,022	28,301	29,106	29,475	30,852	32,390	32,789	33,094	80.0
Confectionery	44,638	40,020	41,003	41,504	40,849	41,046	40,853	*39,979*	42,531	48,608	53,109	53,904	52,226	74.2

Cooperage and wooden goods, not elsewhere specified	26,269	25,739	26,062	26,269	25,618	25,836	25,596	25,159	25,386	26,669	27,869	27,447	27,563	90.3
Copper, tin, and sheet-iron products	73,615	64,128	66,244	69,293	70,780	72,535	74,593	74,354	77,614	79,129	78,305	78,635	77,230	81.0
Cordage and twine and jute and linen goods	25,820	26,337	26,594	26,698	26,449	26,084	25,688	25,712	25,220	25,703	25,539	24,313	25,522	91.1
Cordials and sirups	1,095	804	888	950	1,015	1,179	1,450	1,423	1,146	1,101	1,169	998	1,025	55.4
Cork, cutting	3,142	2,756	2,804	2,841	2,979	3,163	3,279	3,236	3,358	3,388	3,322	3,354	3,228	81.3
Corsets	17,564	16,847	17,206	17,616	17,585	17,370	17,221	17,224	17,355	17,860	18,254	18,167	18,065	92.3
Cotton goods, including cotton small wares	378,880	374,433	376,348	377,962	377,521	377,487	377,862	378,700	378,920	380,363	381,225	382,232	383,529	97.6
Crucibles	335	350	328	313	313	310	327	342	339	347	337	340	360	86.1
Cutlery and tools, not elsewhere specified	32,996	32,245	32,188	32,596	32,494	32,499	32,643	31,655	32,639	32,964	33,901	34,559	35,586	89.0
Dairymen's, poulterers', and apiarists' supplies	4,871	5,039	5,491	5,748	5,683	5,213	4,748	4,389	4,266	4,182	4,365	4,476	4,835	72.8
Dentists' materials	1,573	1,558	1,558	1,565	1,577	1,571	1,559	1,540	1,536	1,577	1,592	1,611	1,638	93.8
Drug grinding	922	916	779	955	926	954	956	957	917	912	944	937	916	81.4
Dyeing and finishing textiles	44,046	43,715	44,299	44,863	44,635	43,840	43,405	43,212	43,447	44,171	44,031	44,797	44,157	96.3
Dyestuffs and extracts	2,397	2,293	2,351	2,351	2,436	2,344	2,309	2,432	2,478	2,453	2,324	2,450	2,439	92.5
Electrical machinery, apparatus, and supplies	87,256	77,444	79,193	80,779	81,699	83,229	85,117	86,080	88,133	91,822	95,496	99,239	98,868	78.0
Electroplating	2,717	2,644	2,642	2,704	2,710	2,670	2,624	2,575	2,595	2,789	2,882	2,890	2,871	89.1
Emery and other abrasive wheels	1,943	1,729	1,778	1,747	1,799	1,878	1,934	1,947	1,957	2,046	2,076	2,167	2,271	76.1
Enameling and japanning	2,125	1,858	1,850	1,979	1,978	1,950	2,145	2,181	2,218	2,278	2,386	2,379	2,315	77.5
Engravers' materials	129	126	125	112	127	121	131	131	130	134	139	143	140	78.3
Engraving and diesinking	1,308	1,270	1,285	1,294	1,291	1,323	1,281	1,259	1,275	1,307	1,343	1,372	1,408	89.4
Engraving, wood	318	315	315	312	310	309	320	325	321	327	318	312	330	93.6
Explosives	6,274	5,813	5,737	5,771	5,504	5,893	6,138	6,407	6,548	6,680	6,799	6,899	7,106	77.5
Fancy articles, not elsewhere specified	12,191	10,997	11,436	11,739	11,345	11,617	11,605	12,287	12,416	13,045	13,794	13,123	12,883	79.7
Fertilizers	18,310	17,076	24,196	29,310	23,198	16,737	14,506	14,264	15,514	18,163	16,232	15,095	15,425	48.7
Files	4,158	4,102	4,123	4,119	4,127	4,071	4,093	4,156	4,112	4,166	4,212	4,301	4,329	94.0
Firearms and ammunition	14,715	14,807	14,936	14,810	14,965	14,680	14,496	14,447	14,622	14,883	14,848	14,650	14,411	96.3
Fire extinguishers, chemical	195	177	185	194	191	194	196	200	207	200	194	194	195	85.5
Fireworks	1,403	1,452	1,527	1,529	1,591	1,662	1,575	898	1,195	1,389	1,386	1,332	1,296	54.0
Flags, banners, regalia, society badges, and emblems	3,572	3,343	3,418	3,522	3,652	3,805	3,873	3,635	3,410	3,598	3,557	3,578	3,483	86.3
Flavoring extracts	1,229	1,118	1,145	1,195	1,227	1,270	1,281	1,285	1,255	1,254	1,250	1,237	1,250	87.0
Flax and hemp, dressed	164	179	229	210	213	169	139	87	77	118	164	206	183	33.6
Flour-mill and gristmill products	39,453	39,120	39,281	39,154	37,776	37,466	36,911	38,021	39,629	40,887	41,702	41,898	41,600	88.1
Food preparations	14,968	14,098	14,228	14,298	13,651	13,581	13,570	13,553	15,219	17,021	17,257	16,946	16,192	78.5
Foundry and machine-shop products	531,011	482,080	487,968	496,637	499,025	505,294	518,644	526,082	541,596	559,069	573,886	584,745	597,234	80.7
Foundry supplies	464	406	447	447	448	443	431	464	446	489	502	501	549	74.0
Fuel, manufactured	88	94	92	85	75	70	59	72	75	83	98	121	132	44.7
Fur goods	11,927	9,747	9,454	9,588	9,866	10,415	10,975	11,673	12,797	14,165	14,987	15,202	14,220	62.2
Furnishing goods, men's	38,482	35,298	37,407	38,592	38,569	37,886	37,684	37,768	37,364	39,161	40,479	41,115	40,446	85.9
Furniture and refrigerators	128,452	120,524	124,990	128,525	128,335	126,215	124,672	121,340	126,369	132,121	135,328	136,615	136,366	88.2
Furs, dressed	1,241	1,163	1,380	1,396	1,408	1,404	1,322	1,232	1,175	1,148	1,114	1,103	1,053	74.8

No. 161.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum is of maximum month.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Galvanizing	1,447	*1,169*	1,291	1,311	1,423	1,474	1,561	1,475	1,587	1,543	1,568	1,475	1,482	73.7
Gas and electric fixtures and lamps and reflectors	18,861	*17,691*	17,804	18,181	18,593	17,923	17,986	17,743	18,379	19,373	20,457	21,000	21,198	83.5
Gas, illuminating and heating	37,215	33,115	*32,562*	34,314	37,422	39,456	40,412	40,225	38,486	37,800	38,065	37,566	37,122	80.6
Glass	68,911	72,931	75,720	78,921	77,692	76,550	73,038	*40,222*	43,839	56,127	71,746	78,454	81,665	49.3
Glass, cutting, staining, and ornamenting	9,362	9,064	9,301	9,424	9,326	9,080	9,018	*8,562*	9,229	9,601	9,915	9,912	9,932	86.1
Gloves and mittens, leather	11,354	*10,659*	10,985	11,145	11,139	11,188	11,333	11,299	11,372	11,590	11,583	11,961	12,007	88.8
Glucose and starch	4,773	4,731	4,827	4,954	4,624	4,578	4,586	4,245	*4,198*	4,812	5,569	5,398	4,771	75.4
Glue	3,265	3,593	3,570	3,620	3,517	3,394	3,117	2,829	*2,810*	2,949	3,169	3,304	3,325	77.6
Gold and silver, leaf and foil	1,383	1,351	1,362	1,376	1,393	1,404	1,387	1,350	*1,323*	1,374	1,428	1,439	1,417	91.9
Gold and silver, reducing and refining, not from the ore	456	467	469	452	450	*448*	446	456	456	450	455	458	453	94.5
Graphite and graphite refining	162	*133*	143	139	154	157	165	177	168	177	173	174	182	73.1
Grease and tallow	4,357	4,208	*4,073*	4,107	4,156	4,274	4,370	4,414	4,521	4,535	4,575	4,510	4,555	89.0
Grindstones	1,394	*795*	836	1,204	1,562	1,665	1,652	1,643	1,622	1,488	1,379	1,541	1,347	47.7
Haircloth	538	*506*	544	547	539	537	540	536	554	545	537	532	536	91.3
Hairwork	3,534	*3,297*	3,344	3,381	3,419	3,418	3,441	3,338	3,534	3,748	3,868	3,901	3,740	84.5
Hammocks	272	281	296	320	334	299	277	233	*194*	211	244	295	277	58.1
Hand stamps and stencils and brands	1,651	1,667	1,657	1,650	1,646	1,640	1,620	*1,565*	1,566	1,647	1,686	1,713	1,738	90.0
Hat and cap materials	2,367	2,435	2,409	2,378	2,299	*2,229*	2,252	2,284	2,312	2,416	2,416	*2,452*	2,551	87.4
Hats and caps, other than felt, straw, and wool	6,201	5,965	*5,934*	6,033	5,983	6,092	6,055	6,160	6,325	6,383	6,482	6,533	6,477	90.8
Hats, fur-felt	25,064	25,987	*19,594*	20,391	20,590	21,075	24,538	26,676	27,588	28,216	28,276	28,972	29,062	66.7
Hats, straw	8,814	10,850	11,371	11,488	11,332	9,387	6,553	*4,700*	6,232	7,973	8,271	7,998	9,609	40.9
Hones and whetstones	152	171	162	174	176	158	144	*99*	124	132	147	155	173	56.2
Horseshoes, not made in steel works or rolling mills	293	365	273	268	270	*260*	265	268	282	293	306	333	336	71.2
Hosiery and knit goods	129,275	*123,308*	125,181	128,052	129,317	129,270	128,899	127,845	128,231	130,329	132,997	134,540	133,340	91.7
House-furnishing goods, not elsewhere specified	4,907	*4,534*	4,606	4,673	4,707	4,650	4,750	4,874	5,002	5,202	5,247	5,348	5,282	84.8
Ice, manufactured	16,114	*9,847*	10,008	11,803	14,929	18,061	20,875	22,872	22,644	21,403	16,526	13,020	11,392	43.1
Ink, printing	1,121	*1,099*	1,100	1,110	1,133	1,103	1,115	1,115	1,145	1,137	1,125	1,131	1,141	96.0
Ink, writing	505	*382*	426	499	542	530	472	507	556	579	578	538	458	66.0
Instruments, professional and scientific	4,817	*4,500*	4,562	4,665	4,758	4,797	4,787	4,822	4,722	4,917	5,003	5,103	5,167	87.1
Iron and steel, blast furnaces	38,429	34,755	34,369	34,156	*33,453*	34,606	36,537	37,429	38,182	41,988	43,841	45,092	46,727	71.6

Iron and steel, steel works and rolling mills	240,076	216,349	215,650	215,076	217,307	218,424	235,533	234,151	242,077	258,925	269,255	274,525	283,629	75.8
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills	11,345	10,624	10,981	10,779	10,854	10,590	11,075	10,999	10,842	11,826	12,166	12,507	12,908	82.0
Iron and steel, doors and shutters	1,601	1,379	1,412	1,390	1,415	1,422	1,461	1,529	1,648	1,770	1,890	1,932	1,950	70.7
Iron and steel forgings	8,168	7,531	7,545	7,410	7,405	7,406	7,695	7,508	7,712	8,636	9,287	9,755	10,147	73.0
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills	2,765	2,720	2,745	2,761	2,752	2,760	2,748	2,760	2,775	2,743	2,762	2,820	2,834	96.0
Iron and steel pipe, wrought	6,817	5,769	6,109	5,730	5,834	6,110	6,455	6,821	7,416	7,618	7,833	8,044	8,064	71.1
Jewelry	30,347	30,156	29,445	29,134	28,113	28,609	28,728	28,129	29,309	31,747	33,259	33,716	33,809	83.2
Jewelry and instrument cases	2,070	1,943	1,960	1,979	1,999	1,969	1,969	1,937	1,999	2,154	2,242	2,350	2,338	82.4
Kaolin and ground earths	1,990	1,812	1,952	1,932	1,924	2,045	1,965	2,016	2,016	2,060	2,089	2,046	2,050	86.7
Labels and tags	2,313	2,242	2,323	2,306	2,252	2,277	2,251	2,258	2,270	2,349	2,378	2,431	2,423	92.2
Lapidary work	627	591	599	593	621	602	599	609	650	652	675	675	671	87.6
Lard, refined, not made in slaughtering and meat-packing establishments	399	425	407	398	385	405	399	392	375	380	373	405	438	85.2
Lasts	1,728	1,715	1,792	1,784	1,650	1,690	1,701	1,725	1,716	1,680	1,702	1,777	1,817	90.8
Lead, bar, pipe, and sheet	802	745	748	774	807	824	819	817	829	832	840	827	781	88.7
Leather goods	34,907	33,342	34,218	34,612	34,174	34,350	34,271	34,088	34,970	35,797	36,212	36,633	36,217	91.0
Leather, tanned, curried, and finished	62,202	62,063	62,373	61,726	60,095	60,075	60,559	61,039	61,166	62,049	63,383	65,174	66,694	90.1
Lime	13,897	10,665	11,072	13,074	14,447	14,795	14,541	14,552	15,264	15,547	15,157	14,522	13,086	68.6
Liquors, distilled	6,430	7,235	7,313	7,179	6,997	6,590	5,513	5,232	5,303	5,576	6,115	6,540	7,554	69.3
Liquors, malt	54,579	52,065	51,790	52,304	52,937	54,158	56,367	58,925	58,408	57,011	54,617	53,330	53,084	87.9
Liquors, vinous	1,911	1,498	1,474	1,503	1,477	1,419	1,363	1,382	1,538	3,134	3,726	2,535	1,878	36.6
Locomotives, not made by railroad companies	14,909	13,211	13,526	13,471	13,418	13,045	13,537	15,566	15,349	15,763	16,677	17,116	18,232	71.6
Looking-glass and picture frames	6,021	5,566	5,975	6,047	5,814	5,670	5,704	5,676	6,001	6,272	6,482	6,650	6,411	83.7
Lumber and timber products	695,019	649,239	661,690	685,133	681,354	686,657	687,597	680,509	692,669	714,963	732,796	739,160	728,481	87.8
Malt	1,760	2,086	2,019	1,966	1,724	1,639	1,406	1,312	1,289	1,549	1,927	2,094	2,122	60.7
Marble and stone work	65,603	53,677	54,453	60,032	66,623	69,040	70,348	71,644	72,187	72,004	70,432	67,060	59,682	74.4
Matches	3,631	3,841	3,881	3,888	3,954	3,889	3,526	2,822	2,270	3,340	3,941	4,076	4,153	54.7
Mats and matting	937	881	906	979	1,001	1,032	967	941	891	907	879	902	957	85.4
Mattresses and spring beds	11,322	10,237	10,407	10,860	11,037	11,261	11,309	11,188	11,344	11,978	12,396	12,161	11,717	82.6
Millinery and lace goods	39,201	38,579	43,243	45,052	41,833	37,129	32,329	33,303	37,810	41,382	41,487	39,333	38,923	71.8
Mineral and soda waters	13,147	10,545	10,674	11,457	12,787	14,190	15,646	16,385	16,076	14,887	12,755	11,361	10,986	64.4
Mirrors	2,994	2,810	2,855	2,940	2,932	2,898	2,923	2,924	2,976	3,099	3,180	3,192	3,208	87.6
Models and patterns, not including paper patterns	4,171	3,962	4,041	4,093	4,063	4,032	3,973	4,007	4,075	4,219	4,449	4,532	4,627	85.6
Moving pictures	506	450	464	461	464	487	502	496	512	540	559	566	598	75.2
Mucilage and paste	538	519	522	548	542	547	532	527	527	542	568	539	536	91.4
Musical instruments and materials, not specified	1,822	1,749	1,750	1,832	1,851	1,814	1,780	1,781	1,775	1,785	1,875	1,908	1,957	89.4
Musical instruments, pianos and organs and materials	38,020	36,900	37,241	37,530	37,679	37,696	37,455	36,269	37,238	38,522	39,752	39,978	40,011	90.6
Needles, pins, and hooks and eyes	4,638	4,370	4,424	4,567	4,662	4,704	4,604	4,496	4,652	4,702	4,759	4,789	4,921	88.8
Oakum	113	110	103	119	117	117	122	111	118	116	117	113	92	75.4
Oil, castor	54	58	58	57	56	58	50	49	50	47	58	56	59	79.7
Oil, cottonseed, and cake	17,071	25,667	22,388	18,032	11,190	7,445	5,635	5,174	6,038	16,958	28,293	29,334	28,677	17.6

No. 161.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum is of maximum month.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Oil, essential	290	211	215	310	395	380	317	206	234	303	338	336	233	52.2
Oil, linseed	1,452	1,792	1,708	1,683	1,515	1,261	1,053	980	974	1,146	1,767	1,790	1,765	54.4
Oil, not elsewhere specified	1,715	1,671	1,676	1,680	1,666	1,676	1,729	1,703	1,718	1,735	1,786	1,769	1,768	93.3
Oilcloth and linoleum	5,201	5,083	5,110	5,100	5,057	5,133	5,158	5,169	5,221	5,282	5,351	5,321	5,435	93.0
Oleomargarine	606	622	622	627	602	570	549	538	560	595	636	659	692	77.7
Optical goods	6,398	6,525	6,527	6,485	6,571	6,480	6,322	6,080	6,130	6,156	6,387	6,578	6,556	92.4
Paint and varnish	14,240	13,223	13,835	14,360	14,635	14,692	14,582	14,202	14,141	14,236	14,444	14,296	14,231	90.0
Paper and wood pulp	75,978	74,986	75,780	76,291	75,983	77,013	76,829	75,009	74,517	75,147	76,026	76,717	77,430	96.2
Paper goods, not elsewhere specified	19,211	18,554	18,791	19,022	19,170	19,061	18,969	18,727	18,721	19,193	19,794	20,218	20,309	91.4
Paper patterns	921	893	909	907	875	853	852	902	929	1,042	980	967	932	81.8
Patent medicines and compounds and druggists' preparations	22,895	22,526	22,898	23,337	23,138	22,672	21,942	21,406	21,540	22,82	23,865	24,363	24,202	87.9
Paving materials	1,419	1,062	935	998	1,276	1,430	1,540	1,619	1,557	1,734	1,846	1,609	1,382	50.6
Peanuts, grading, roasting, cleaning, and shelling	1,949	2,272	2,243	2,180	2,078	1,880	1,757	1,715	1,384	1,603	1,769	2,259	2,237	60.9
Pencils, lead	4,134	3,769	3,803	3,867	4,032	4,076	4,143	4,258	4,250	4,312	4,344	4,361	4,391	85.8
Pens, fountain, stylographic and gold	1,225	1,157	1,241	1,236	1,228	1,207	1,193	1,206	1,200	1,248	1,263	1,278	1,268	90.5
Pens, steel	699	686	683	689	686	697	694	694	687	703	724	715	729	93.7
Petroleum, refining	13,929	13,319	13,079	12,952	13,076	13,206	13,617	14,156	14,221	14,434	15,032	15,249	14,805	84.9
Phonographs and graphophones	5,199	6,524	5,609	5,527	5,510	5,029	4,538	4,486	4,440	4,409	4,929	5,478	5,899	67.6
Photographic apparatus and materials	5,195	4,704	4,738	4,817	5,133	5,288	5,303	5,422	5,340	5,298	5,405	5,439	5,459	86.2
Photo-engraving	5,343	5,103	5,114	5,231	5,246	5,276	5,327	5,261	5,395	5,488	5,484	5,541	5,653	90.3
Pipes, tobacco	2,775	2,579	2,640	2,683	2,783	2,803	2,875	2,857	2,785	2,884	2,853	2,806	2,773	89.4
Pottery, terra-cotta, and fire-clay products	56,168	50,383	52,284	54,419	55,088	55,509	56,094	56,485	57,715	58,299	59,260	59,355	59,202	84.9
Printing and publishing	258,434	256,480	257,342	258,805	256,592	255,470	253,550	251,757	252,543	258,707	263,715	266,378	269,884	93.3
Pulp goods	783	723	762	796	724	726	762	781	778	815	803	865	862	83.6
Pumps, not including steam pumps	2,136	2,189	2,157	2,168	2,037	2,085	2,085	2,130	2,064	2,079	2,094	2,246	2,349	86.7
Rice, cleaning and polishing	1,239	1,513	1,433	1,240	990	642	437	436	722	1,750	2,017	1,932	1,753	21.6
Roofing materials	2,465	2,177	2,204	2,342	2,465	2,494	2,408	2,424	2,465	2,694	2,753	2,635	2,522	79.1
Rubber goods, not elsewhere specified	26,521	24,057	24,640	25,481	26,294	26,061	26,003	26,302	26,826	27,209	27,712	28,506	29,117	82.6
Rules, ivory and wood	109	113	115	114	107	104	100	103	106	108	111	114	111	87.0
Safes and vaults	3,343	3,201	3,219	3,247	3,257	3,253	3,348	3,385	3,369	3,382	3,455	3,464	3,528	90.7

Salt	4,936	4,340	4,462	4,846	4,977	4,984	5,132	5,229	5,198	5,192	5,158	5,070	4,636	83.0
Sand and emery paper and cloth	611	690	688	720	631	581	567	528	513	545	573	619	669	71.2
Saws	4,832	4,705	4,777	4,799	4,753	4,707	4,719	4,810	4,795	4,848	4,881	5,062	5,119	91.9
Scales and balances	3,559	3,260	3,387	3,479	3,538	3,552	3,568	3,503	3,667	3,704	3,715	3,636	3,691	87.8
Screws, machine	1,667	1,400	1,432	1,534	1,531	1,558	1,607	1,668	1,715	1,826	1,871	1,920	1,946	71.9
Screws, wood	3,464	3,210	3,312	3,325	3,300	3,343	3,406	3,488	3,506	3,524	3,569	3,708	3,871	82.9
Sewing machines, cases, and attachments	19,296	18,612	18,696	19,007	19,267	19,405	19,439	17,498	19,654	19,699	19,890	20,132	20,260	86.4
Shipbuilding, including boat building	40,506	38,516	37,565	39,922	42,256	42,244	41,690	40,190	39,149	40,283	41,151	41,023	42,075	88.9
Shoddy	2,041	1,980	2,025	2,041	2,010	2,024	2,040	2,035	2,003	2,033	2,070	2,077	2,155	91.9
Show cases	3,390	3,197	3,276	3,364	3,354	3,334	3,331	3,339	3,357	3,471	3,533	3,551	3,558	89.9
Signs and advertising novelties	5,540	4,958	5,040	5,187	5,454	5,576	5,609	5,591	5,610	5,717	5,841	5,969	5,892	83.1
Silk and silk goods, including throwsters	99,037	97,170	99,473	100,753	100,314	99,212	97,782	96,534	98,351	99,528	99,629	99,409	100,294	95.8
Silverware and plated ware	16,610	14,965	15,531	15,867	15,952	15,983	16,214	14,660	16,782	17,802	18,720	18,762	18,085	48.5
Slaughtering and meat packing	89,728	94,752	92,266	87,958	84,558	84,676	86,761	86,619	86,391	89,416	92,564	94,527	96,234	87.9
Smelting and refining, copper	15,628	16,031	15,869	15,585	15,656	15,420	15,397	15,761	14,889	15,943	15,813	15,704	15,480	92.9
Smelting and refining, lead	7,424	7,651	7,785	7,751	7,671	7,100	7,468	7,415	6,947	7,476	7,121	7,260	7,451	89.2
Smelting and refining, zinc	6,655	6,684	6,339	6,252	6,513	6,597	6,591	6,736	6,213	6,825	6,968	6,983	7,159	86.8
Smelting and refining, not from the ore	2,147	1,975	2,183	2,281	2,033	2,192	2,036	1,960	1,882	2,077	2,314	2,402	2,412	78.0
Soap	12,999	12,337	12,671	12,885	12,843	12,476	12,653	13,001	13,105	13,250	13,475	13,649	13,650	90.4
Soda-water apparatus	1,797	1,578	1,681	1,884	2,017	2,128	1,979	1,708	1,541	1,714	1,758	1,777	1,794	72.4
Sporting and athletic goods	5,321	5,369	5,331	5,501	5,585	5,478	5,338	5,053	4,694	5,142	5,335	5,422	5,604	83.8
Springs, steel, car and carriage	3,196	2,961	3,170	3,156	2,987	3,010	3,025	3,209	3,199	3,075	3,343	3,507	3,704	79.9
Stationery goods, not elsewhere specified	6,206	5,624	5,827	6,130	6,248	6,208	6,230	6,232	6,314	6,429	6,435	6,397	6,388	87.4
Statuary and art goods	1,699	1,534	1,555	1,551	1,605	1,676	1,723	1,751	1,788	1,829	1,817	1,798	1,763	83.9
Steam packing	3,648	3,605	3,500	3,312	3,334	3,354	3,381	3,364	3,496	3,795	4,071	4,274	4,284	77.3
Stereotyping and electrotyping	2,850	2,797	2,817	2,850	2,856	2,838	2,821	2,802	2,792	2,873	2,920	2,928	2,923	95.4
Stoves and furnaces, including gas and oil stoves	37,130	29,106	35,121	37,307	37,790	37,788	37,422	35,784	37,741	38,334	40,106	39,960	38,595	72.6
Sugar and molasses	4,127	1,598	559	715	798	874	1,040	1,122	920	1,322	9,693	15,761	15,115	3.5
Sugar refining, not including beet sugar	9,399	7,935	8,653	9,890	9,652	9,492	9,926	9,952	9,613	9,680	9,341	9,588	9,048	79.7
Sulphuric, nitric, and mixed acids	2,252	2,227	2,191	2,212	2,129	2,279	2,246	2,300	2,213	2,291	2,327	2,288	2,315	91.5
Surgical appliances and artificial limbs	4,241	4,016	4,061	4,108	4,125	4,167	4,211	4,303	4,305	4,332	4,374	4,433	4,453	90.2
Tin plate and terneplate	5,352	4,924	5,187	5,215	5,568	5,621	5,775	4,771	5,079	5,215	5,494	5,692	5,686	82.6
Tinfoil	683	647	676	671	690	696	681	678	630	681	710	691	700	91.1
Tobacco manufactures	166,810	161,563	162,606	164,450	161,689	163,982	164,091	164,811	165,988	168,889	171,959	175,315	176,369	91.6
Toys and games	5,305	3,716	4,194	4,443	4,847	5,114	5,354	5,580	5,984	6,205	6,505	6,376	5,328	57.1
Turpentine and rosin	39,511	37,112	37,340	38,489	39,974	40,378	40,555	40,634	40,583	40,378	39,749	39,597	39,343	91.3
Type-founding and printing materials	2,026	1,848	1,850	1,946	1,958	2,009	2,076	2,053	1,980	2,039	2,159	2,177	2,195	84.2
Typewriters and supplies	9,578	9,479	9,733	10,037	10,117	9,888	9,487	8,281	7,624	9,845	10,069	10,188	10,184	74.8
Umbrellas and canes	5,472	5,132	5,375	5,449	5,347	5,241	5,080	5,111	5,409	5,663	5,932	6,019	5,904	84.4
Upholstering materials	4,067	3,868	3,940	4,012	4,050	4,052	4,103	3,963	4,002	4,059	4,228	4,249	4,291	90.1
Vault lights and ventilators	327	270	270	272	291	291	307	338	351	390	354	403	379	67.0
Vinegar and cider	1,542	921	891	886	889	888	922	1,057	1,159	2,130	3,464	3,453	1,852	25.6
Wall paper	4,037	4,395	4,392	4,337	4,126	3,810	3,546	3,484	2,828	3,904	4,414	4,535	4,861	60.7
Wall plaster	4,791	4,282	4,405	4,512	4,901	4,959	4,946	4,845	4,979	4,984	5,078	4,875	4,754	84.3
Washing machines and clothes wringers	1,835	1,729	1,784	1,862	1,873	1,874	1,867	1,665	1,828	1,883	1,904	1,865	1,879	87.4

No. 161.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1909, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.												Per cent minimum is of maximum month.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Waste	1,897	1,860	1,914	1,949	1,867	1,890	1,878	1,892	1,875	*1,835*	1,915	1,915	1,951	94.1
Wheelbarrows	664	629	649	688	679	643	629	*572*	642	635	690	741	762	75.1
Whips	1,546	1,511	1,525	1,573	1,540	1,568	1,517	1,553	1,536	1,569	1,595	1,534	*1,439*	93.4
Windmills	2,337	*1,981*	2,193	2,296	2,362	2,384	2,476	2,459	2,498	2,502	2,386	2,270	2,226	79.2
Window shades and fixtures	3,930	4,073	4,033	4,055	3,958	3,933	3,915	*3,625*	3,803	3,813	3,992	3,980	3,989	89.0
Wire	18,084	17,763	18,147	17,604	*17,131*	17,432	17,862	17,864	17,673	18,206	18,580	19,091	19,641	87.2
Wirework, including wire rope and cable	12,348	*11,571*	11,979	12,153	12,251	12,257	12,218	11,911	12,163	12,488	12,871	13,095	13,229	87.5
Wood carpet	184	166	177	171	171	193	202	199	203	202	188	174	*162*	79.8
Wood distillation, not including turpentine and rosin	2,721	2,800	2,868	2,807	2,754	2,626	2,563	2,519	*2,478*	2,604	2,707	2,869	3,053	81.2
Wood preserving	2,403	*2,075*	2,198	2,214	2,312	2,297	2,572	2,696	2,616	2,592	2,545	2,435	2,280	77.0
Wood, turned and carved	14,139	14,324	14,486	14,567	14,139	13,760	13,865	13,557	*13,374*	13,757	14,152	14,729	14,964	89.4
Wool pulling	*631*	625	653	609	580	580	572	*543*	576	626	695	763	759	71.8
Wool scouring	1,142	975	943	*922*	938	1,051	1,136	1,128	1,193	1,293	1,332	1,378	1,434	64.3
Woolen, worsted, and felt goods, and wool hats	168,722	*158,318*	161,120	165,585	166,851	168,015	171,946	170,818	170,295	171,747	173,321	173,943	172,693	91.0
All other industries	96	*68*	77	100	115	98	86	103	98	116	85	102	96	58.6
Total	6,615,046	6,210,063	6,297,627	6,423,517	6,437,633	6,457,279	6,517,469	6,486,676	6,656,933	6,898,765	6,997,090	7,006,853	6,990,652	88.6

No. 162.—WAGES AND HOURS OF LABOR: Relative Hours of Labor Per Week and Relative Rates of Wages Per Hour, Computed from Union Scales, 1907 to 1912.

[Source: Reports of the Bureau of Labor Statistics, Department of Labor. The figures are based on data obtained in 39 cities. The relative hours indicate the change in the regular full-time working hours per week, account not being taken of any temporary reduction because of slack work. The relative wages indicate the change in wages per hour.

In computing relative hours, comparison was made of the hours for each year, taking into consideration any change of hours provided for in the union scale if for more than three months during the year. In computing the relative rates of wages, comparison was made of the rate on May 15 of each year. The relative number for each city was given a weight equal to the approximate number of union employees in the trade in that city. Hours and rates for 1907=100.0.]

Year.	Bakery trades.						Building trades.			
	Bakers, first hands.		Bakers, second hands.		Bakers, third hands.		Bricklayers.		Building laborers.	
	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.
1907	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908	95.7	103.5	99.4	102.1	98.8	106.6	100.0	100.7	100.0	100.7
1909	92.3	106.7	99.2	107.7	98.7	111.5	99.8	102.3	99.8	101.1
1910	88.6	110.9	98.2	113.1	97.6	119.4	98.2	103.9	97.5	104.5
1911	85.0	115.4	96.9	118.9	96.9	127.7	97.9	104.0	97.5	104.6
1912	82.3	122.0	93.4	126.6	89.9	140.7	97.9	105.5	97.5	106.5

Year.	Building trades—Continued.									
	Carpenters.		Cement workers (finishers).		Cement workers' helpers.		Cement workers' laborers.		Gas fitters.	
1907	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908	99.9	101.2	99.1	99.9	99.4	102.1	99.2	99.5	100.0	103.3
1909	99.8	102.8	99.1	101.8	99.4	107.2	99.2	113.7	100.0	103.8
1910	99.3	106.7	99.0	103.0	99.4	109.3	98.6	116.2	100.0	104.3
1911	98.8	108.6	98.2	105.7	99.3	116.2	98.6	117.0	100.0	111.3
1912	98.8	111.1	98.2	105.7	99.3	116.2	98.6	117.5	99.9	109.1

Year.	Building trades—Continued.									
	Hod carriers.		Inside wiremen.		Inside wiremen's helpers.		Marblesetters.		Painters.	
1907	100.0	100.0	100.0	100.0	100.0	100.0	100.0	101.0	100.0	100.0
1908	100.0	100.3	99.9	106.1	99.6	103.0	100.0	101.0	99.6	100.9
1909	99.5	100.7	99.9	108.1	99.6	104.2	99.1	101.6	99.4	104.1
1910	98.5	103.5	99.4	110.8	98.4	110.0	98.9	103.3	98.7	108.5
1911	97.5	105.0	99.1	113.6	98.0	110.7	98.5	104.6	98.2	111.1
1912	97.0	105.9	98.7	115.4	97.4	111.7	98.5	105.1	98.1	112.6

No. **162.**—Wages and Hours of Labor: Relative Hours of Labor Per Week and Relative Rates of Wages Per Hour, Computed from Union Scales, 1907 to 1912—Continued.

Year.	Building trades—Continued.									
	Plasterers.		Plasterers' laborers.		Plumbers.		Sheet-metal workers.		Steam fitters.	
	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.
1907	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908	99.7	99.8	99.7	105.0	100.0	101.0	100.0	102.3	100.0	101.4
1909	99.7	100.7	99.5	106.2	99.8	102.8	99.9	103.5	99.7	103.8
1910	99.6	102.1	99.5	106.9	99.6	104.6	99.9	107.0	98.8	108.0
1911	99.3	102.8	99.4	107.0	99.3	110.2	99.8	110.0	98.7	111.5
1912	99.1	105.0	99.0	108.2	98.8	110.7	98.3	112.9	98.0	113.1

Year.	Building trades—Continued.						Marble and stone trades.			
	Steam fitters' helpers.		Stonemasons.		Structural iron workers.		Granite cutters.		Stonecutters.	
1907	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908	99.9	101.6	100.0	101.8	99.7	101.3	99.9	100.5	99.9	100.1
1909	99.7	102.4	100.0	102.7	99.4	102.7	99.8	102.1	99.9	100.1
1910	98.7	111.2	98.8	103.6	98.8	106.1	99.4	102.8	99.9	100.9
1911	98.5	112.1	98.2	105.0	98.6	109.0	99.2	104.0	99.9	101.2
1912	98.3	115.1	98.2	105.8	97.3	111.1	98.0	105.3	99.5	101.6

Year.	Metal trades.									
	Blacksmiths.		Blacksmiths' helpers.		Boiler makers.		Boiler makers' helpers.		Core makers.	
1907	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908	100.0	100.9	100.0	103.8	99.7	101.3	99.9	100.5	100.0	100.0
1909	98.7	103.2	98.8	106.9	99.2	102.6	99.2	102.0	98.9	100.6
1910	98.5	107.0	98.6	114.9	99.1	107.7	98.7	104.9	98.4	106.2
1911	97.9	107.5	97.9	115.8	98.5	114.5	98.5	109.4	97.7	112.8
1912	97.9	110.3	97.8	116.4	98.4	115.6	97.6	116.9	97.7	113.8

Year.	Metal trades—Continued.						Printing trades: Book and job.			
	Machinists.		Molders, iron.		Pattern makers, wood.		Bookbinders.		Compositors.	
1907	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908	100.0	101.3	100.0	99.8	99.7	103.2	90.8	110.8	100.0	100.4
1909	99.7	102.5	99.5	100.5	99.4	102.1	89.5	112.4	100.0	100.5
1910	99.1	106.6	99.0	104.7	98.2	105.0	89.2	113.6	100.0	104.8
1911	98.8	108.0	98.7	106.9	97.4	106.8	88.9	116.1	100.0	107.6
1912	97.8	109.6	98.7	107.4	97.2	108.3	88.9	116.8	100.0	110.0

Year.	Printing trades: Book and job—Continued.									
	Electrotypers, batterymen, and builders.		Electrotypers, finishers.		Electrotypers, molders.		Linotype operators.		Press feeders.	
1907	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908	99.5	100.8	99.6	100.6	99.1	101.2	100.0	100.1	91.4	110.4
1909	99.4	101.8	99.5	101.2	99.0	102.1	100.0	100.3	90.4	113.5
1910	98.0	108.8	96.6	105.2	96.3	106.7	100.0	102.7	90.3	115.8
1911	95.8	114.8	94.7	110.8	94.9	111.8	100.0	103.9	90.3	120.6
1912	95.8	117.5	94.7	112.8	94.9	112.7	99.8	107.0	90.2	122.6

162.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK ND RELATIVE RATES OF WAGES PER HOUR, COMPUTED FROM UNION SCALES,)07 TO 1912—Continued.

Year.	Printing trades: Book and job—Continued.				Printing trades: Newspaper.					
	Pressmen, cylinder presses.		Pressmen, platen presses.		Compositors, daywork.		Compositors, nightwork.		Linotype operators, daywork.	
	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.	Relative nominal hours per week.	Relative rate of wages per hour.
.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....	95.4	106.1	97.1	103.6	100.0	100.4	100.0	100.0	100.0	102.3
.....	94.1	115.6	95.1	109.1	100.0	101.9	100.0	101.0	100.0	102.8
.....	94.0	116.7	94.9	111.2	100.0	104.2	100.0	102.7	100.0	105.1
.....	94.0	119.0	94.9	113.3	99.9	107.4	100.0	104.4	99.9	106.8
.....	94.0	121.0	94.9	114.8	99.5	110.4	99.9	106.1	99.6	108.6

	Printing trades: Newspaper—Continued.									
	Linotype operators, nightwork.		Pressmen, web presses, daywork.		Pressmen, web presses, nightwork.		Stereotypers, daywork.		Stereotypers, nightwork.	
.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....	100.0	101.1	99.1	102.1	99.3	101.7	99.7	102.9	99.8	103.0
.....	100.0	101.6	98.7	103.8	98.8	103.0	99.7	103.8	99.8	104.1
.....	100.0	103.3	98.7	108.3	98.5	106.7	98.7	106.3	98.6	106.6
.....	100.0	104.1	98.7	109.6	98.4	107.6	98.5	107.1	98.4	107.3
.....	99.7	105.9	98.5	112.1	98.5	109.1	98.3	109.1	98.4	109.0

No. 163.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS, 1909.

[Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment is shown by black figures and the minimum month by italic figures.]

State.	Average number employed during year.	Wage earners employed on the 15th day of each month, or nearest representative day.												Per cent minimum is of maximum month.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Alabama	72,148	70,620	70,394	71,048	69,168	67,641	*67,561*	68,902	72,193	75,507	77,196	**77,854**	77,686	86.8
Arizona	6,441	6,093	6,024	*6,003*	6,048	6,439	6,869	**6,888**	6,845	6,640	6,634	6,452	6,360	87.2
Arkansas	44,982	*41,295*	41,500	42,845	42,391	41,416	42,384	44,840	47,500	49,582	**49,802**	48,550	47,683	82.9
California	115,296	94,747	*94,252*	100,372	108,437	115,839	119,911	124,886	131,202	**132,280**	129,864	121,486	110,281	71.3
Colorado	28,067	27,962	*25,181*	25,374	25,531	25,835	27,059	28,099	28,238	28,415	31,026	**32,050**	32,034	78.6
Connecticut	210,792	201,545	*199,325*	202,523	203,599	205,198	208,732	206,295	211,295	218,637	222,052	224,439	**225,862**	88.2
Delaware	21,238	19,220	19,470	*19,168*	19,366	19,237	20,480	19,572	24,331	**26,376**	23,623	21,557	22,452	72.7
District of Columbia	7,707	*7,421*	7,445	7,535	7,619	7,774	7,761	7,785	7,752	7,840	**7,949**	7,861	7,753	93.4
Florida	57,473	*56,016*	56,414	56,596	56,371	56,858	56,195	56,182	56,276	58,035	59,487	**60,661**	60,585	92.3
Georgia	104,588	103,477	107,544	108,271	102,881	*98,622*	99,445	99,518	102,577	106,033	107,837	109,012	**109,839**	89.8
Idaho	8,220	6,145	*6,033*	7,270	8,279	8,664	8,929	8,939	8,696	8,690	**9,525**	8,971	8,507	63.3
Illinois	465,764	*438,594*	442,881	452,563	455,145	454,965	459,375	454,410	460,414	481,796	493,928	496,452	**498,640**	88.0
Indiana	186,984	*172,475*	177,371	181,151	182,641	182,228	183,167	175,838	188,311	198,293	201,481	199,937	200,915	85.6
Iowa	61,635	*55,649*	56,081	57,912	60,328	61,440	62,581	62,215	66,408	**68,006**	64,097	62,895	62,018	81.8
Kansas	44,215	*41,337*	41,621	42,554	42,697	43,462	44,411	44,075	44,817	46,105	**46,679**	46,594	46,228	88.6
Kentucky	65,400	*61,119*	62,345	63,728	64,826	64,754	63,767	63,144	65,853	68,637	**69,476**	68,639	68,510	88.0
Louisiana	76,165	71,118	*69,620*	72,237	71,911	70,050	72,066	73,270	73,576	74,272	83,413	90,630	**91,814**	75.8
Maine	79,955	76,737	77,541	77,956	77,722	81,355	79,315	*76,439*	78,086	85,369	**85,501**	84,468	78,925	89.5
Maryland	107,921	*95,670*	97,225	99,541	100,753	103,000	105,652	105,116	124,505	**133,268**	118,475	106,932	105,514	71.3
Massachusetts	584,559	*565,750*	572,618	579,519	576,618	576,379	576,055	573,462	581,008	594,686	601,533	604,466	**612,615**	92.4
Michigan	231,499	*211,679*	218,230	223,087	222,273	226,811	229,058	232,023	235,804	240,310	241,912	246,729	**250,078**	84.6
Minnesota	84,767	*79,918*	80,909	82,081	81,134	82,952	85,038	84,667	85,847	87,643	**90,620**	89,503	86,896	88.2
Mississippi	50,384	49,148	49,511	49,839	47,851	*45,178*	45,198	47,237	50,341	53,195	55,387	**56,436**	55,285	80.1
Missouri	152,993	*141,268*	145,022	148,776	147,979	148,053	150,028	150,969	157,351	**163,514**	161,110	161,540	160,294	86.4
Montana	11,655	10,873	*10,772*	10,900	10,874	11,292	11,195	11,550	11,841	12,435	**13,127**	12,996	12,003	82.1
Nebraska	24,336	*22,138*	23,263	22,994	23,744	24,277	24,748	24,742	25,628	**25,945**	25,373	24,929	24,251	85.3
Nevada	2,257	*2,107*	2,116	2,140	2,190	2,244	2,266	2,349	2,398	2,341	2,390	2,302	2,247	87.9
New Hampshire	78,658	78,438	79,097	79,519	77,897	78,132	78,021	*76,324*	76,975	77,850	80,108	80,797	**80,936**	94.3
New Jersey	326,223	*313,158*	313,216	318,401	321,883	321,876	321,969	318,216	323,506	334,710	341,569	342,786	**343,389**	91.2
New Mexico	4,143	3,666	*3,616*	3,775	3,965	4,103	4,142	4,389	4,532	**4,591**	4,346	4,320	4,273	78.8

New York	1,008,981	*945,356*	971,236	991,363	989,498	983,987	980,503	977,203	998,896	1,041,833	1,063,162	1,059,852	1,045,110	88.9
North Carolina	121,473	*117,007*	118,464	120,354	120,038	118,441	117,713	118,953	120,417	123,496	126,265	127,774	128,754	90.9
North Dakota	2,789	*2,356*	2,386	2,443	2,580	2,816	3,041	3,004	2,880	2,927	3,033	3,052	2,950	77.2
Ohio	446,934	*414,278*	421,945	432,343	432,828	436,450	444,998	435,241	448,898	465,351	474,448	476,023	480,405	86.2
Oklahoma	13,143	11,826	*11,782*	12,237	12,285	12,518	12,905	13,153	13,465	13,826	14,659	14,551	14,505	80.4
Oregon	28,750	*23,354*	24,833	26,859	29,179	30,302	30,806	30,175	30,269	30,978	30,402	29,423	28,416	75.4
Pennsylvania	877,543	*819,927*	825,082	835,617	844,230	850,373	867,526	860,425	873,308	911,802	933,852	947,698	960,666	85.3
Rhode Island	113,538	*108,773*	109,615	111,924	111,320	111,952	112,055	111,571	112,835	116,116	118,007	119,104	119,191	91.3
South Carolina	73,046	73,774	75,696	76,373	72,682	70,310	*70,283*	70,708	70,441	71,951	73,996	74,756	75,585	92.0
South Dakota	3,602	*3,108*	3,235	3,374	3,373	3,543	3,763	3,824	3,779	3,925	3,860	3,869	3,572	79.2
Tennessee	73,840	*69,305*	69,974	71,073	70,666	69,713	70,123	71,155	74,956	78,850	80,011	80,676	79,587	85.9
Texas	70,230	68,563	66,485	68,082	67,772	*66,079*	68,037	69,153	69,192	73,196	75,291	75,648	75,258	87.4
Utah	11,785	11,412	*10,449*	10,594	10,830	10,749	11,868	12,436	12,234	13,277	13,070	12,445	12,053	78.7
Vermont	33,788	33,013	33,710	34,257	34,288	34,317	34,134	32,875	33,359	34,098	34,392	34,677	*32,342*	93.3
Virginia	105,676	*94,885*	97,714	101,750	104,393	104,865	105,036	104,231	110,659	115,998	112,276	109,216	107,092	81.8
Washington	69,120	*54,719*	60,419	66,778	71,091	72,717	72,159	70,744	72,990	73,617	73,949	72,614	67,645	74.0
West Virginia	63,893	*56,191*	57,393	60,499	62,456	62,665	65,467	62,187	65,651	68,299	69,202	68,647	68,056	81.2
Wisconsin	182,583	174,937	178,091	179,007	*173,561*	176,625	180,691	184,290	185,556	185,592	188,664	191,447	192,527	90.1
Wyoming	2,867	2,496	*2,481*	2,642	2,642	2,783	2,983	2,957	3,042	3,132	3,031	3,137	3,065	79.1
Total	6,615,046	6,210,063	6,297,627	6,423,517	6,437,633	6,457,279	6,517,469	6,486,676	6,656,933	6,898,765	6,997,090	7,006,853	6,990,652	88.6
Geographic divisions.[1]														
New England	1,101,290	*1,064,256*	1,071,906	1,085,698	1,081,244	1,087,333	1,088,312	1,077,016	1,093,558	1,126,756	1,141,593	1,147,951	1,149,871	92.6
Middle Atlantic	2,207,747	*2,078,441*	2,109,534	2,145,651	2,155,611	2,156,236	2,169,998	2,155,844	2,195,710	2,287,845	2,338,583	2,350,336	2,349,165	88.4
East North Central	1,513,764	*1,411,963*	1,438,518	1,468,151	1,466,448	1,477,079	1,497,289	1,481,802	1,518,983	1,571,342	1,600,433	1,610,588	1,622,565	87.0
West North Central	374,337	*345,774*	352,517	360,134	361,835	366,543	373,610	373,496	386,710	398,065	394,772	392,382	386,209	86.9
South Atlantic	663,015	*623,061*	637,365	650,087	646,559	641,772	648,032	644,252	682,609	711,296	699,110	686,416	685,630	87.6
East South Central	261,772	250,192	252,224	255,688	252,511	247,286	*246,649*	250,438	263,343	276,189	282,070	283,605	281,068	87.0
West South Central	204,520	192,802	*189,387*	195,401	194,359	190,063	195,392	200,416	203,733	210,876	223,165	229,379	229,260	82.6
Mountain	75,435	70,754	*66,672*	68,698	70,359	72,109	75,311	77,607	77,826	79,521	83,149	82,673	80,542	80.2
Pacific	213,166	*172,820*	179,504	194,009	208,707	218,858	222,876	225,805	234,461	236,875	234,215	223,523	206,342	73.0

[1] For States included in each division, see note 5, p. 25.

No. 164.—WAGE EARNERS: Number Employed in Manufactures, Classified According to Prevailing Hours of Labor, 1909.

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

Prevailing hours of labor per week.	Average number employed.	Per cent of total.	Prevailing hours of labor per week.	Average number employed.	Per cent of total.
48 hours and under	523,652	7.9	Between 60 and 72 hours	344,011	5.2
Between 48 and 54 hours	481,157	7.3	72 hours	116,083	1.8
54 hours	1,019,438	15.4	Over 72 hours	114,118	1.7
Between 54 and 60 hours	1,999,307	30.2			
60 hours	2,017,280	30.5	Total	6,615,046	100.0

NO. 165.—RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN SPECIFIED MANUFACTURING INDUSTRIES: 1890 TO 1912.

[Source: Reports of the Bureau of Labor Statistics, Department of Labor. The figures are based on data obtained from representative establishments. The relative hours indicate the change in the regular full-time working hours per week, account not being taken of any temporary reduction because of slack work. The relative wages indicate the changes in wages per hour. Average 1890–1899=100.]

Year.	Cotton goods.		Woolen and worsted goods.		Silk goods.		Hosiery and knit goods.		Lumber.		Millwork.		Furniture.		Boots and shoes.	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
1890	100.5	101.6	101.0	99.6	102.6	98.6	101.1	105.6	100.4	101.9	101.3	99.2	101.3	100.5	100.3	98.5
1891	101.2	99.4	101.0	99.3	102.9	93.2	101.1	106.9	100.2	101.4	100.6	100.4	100.7	101.5	100.6	97.5
1892	101.6	99.2	101.0	100.7	101.9	98.6	101.2	100.3	100.2	101.5	100.7	100.1	99.8	102.5	100.2	99.3
1893	100.0	105.0	99.5	105.7	98.8	102.0	100.5	100.1	100.0	99.9	100.1	100.0	99.9	101.1	100.0	100.6
1894	97.5	98.9	99.0	94.9	98.6	102.9	94.8	96.7	100.0	96.7	100.3	97.0	98.2	99.4	100.0	99.8
1895	99.8	98.2	100.1	95.3	98.5	101.5	100.4	102.8	99.9	97.0	99.7	98.1	99.8	97.9	100.0	101.4
1896	99.5	104.1	100.1	98.1	99.0	106.5	100.3	99.3	100.1	97.4	99.0	99.3	100.0	97.7	100.0	100.5
1897	99.1	100.4	98.4	100.4	99.1	99.1	100.3	96.1	99.9	97.7	99.6	100.0	99.6	100.2	99.8	100.7
1898	100.3	96.7	99.9	103.3	99.3	98.4	100.3	96.4	99.6	101.5	99.4	101.7	100.4	98.0	99.7	100.5
1899	100.3	95.8	100.0	102.3	99.5	97.4	100.2	93.2	99.8	104.5	99.2	104.1	100.3	102.0	99.6	101.8
1900	100.1	108.4	99.8	111.3	99.6	98.4	98.9	95.4	99.5	105.4	98.9	105.9	100.2	102.4	99.3	104.1
1901	99.9	108.8	99.9	111.9	99.2	98.1	98.8	102.0	99.3	108.6	98.7	108.6	99.3	107.3	99.6	104.1
1902	99.5	113.3	98.8	114.9	98.7	101.4	98.9	111.0	98.7	112.1	97.7	112.5	98.3	114.1	98.4	108.0
1903	99.3	117.5	98.7	118.7	98.8	102.6	97.9	117.6	98.3	114.2	97.2	116.5	98.1	115.2	97.0	113.2
1904	99.2	117.1	97.9	115.4	97.2	101.8	97.8	114.8	97.8	112.3	97.9	115.7	97.3	117.5	97.1	116.9
1905	99.2	118.7	98.5	119.3	98.2	102.5	97.7	119.9	97.6	116.3	98.1	116.7	96.6	121.0	96.8	119.9
1906	98.7	131.3	98.4	127.1	98.4	106.1	97.2	126.9	96.6	124.4	96.9	120.6	95.8	125.7	96.3	121.8
1907	97.5	149.8	97.9	135.3	98.0	112.1	96.8	133.4	96.4	129.6	96.7	124.5	95.7	127.3	96.0	128.0
1908	96.3	148.4	97.7	128.1	97.6	109.2	96.5	133.7	96.6	118.7	96.7	123.4	95.9	127.5	95.9	125.5
1909	96.4	143.0	97.8	129.0	97.5	110.5	96.6	134.1	96.5	121.6	96.7	124.9	95.5	126.7	95.7	130.4
1910	94.1	147.7	96.1	132.5	97.4	112.5	94.8	135.5	96.5	130.0	96.9	127.8	95.1	130.5	95.5	129.6
1911	94.1	149.1	96.2	133.3	97.4	113.3	94.7	135.8	96.5	129.9	96.8	129.0	94.5	132.1	95.3	131.7
1912	92.4	164.1	94.6	149.1	96.6	117.1	93.1	143.7	96.6	131.5	96.2	132.3	93.9	135.1	93.9	132.8

No. 166.—STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, TOTAL DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1911 AND 1912, BY STATES.

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

State.	1911			1912		
	Men on strike.	Days lost.	Average days lost per man.	Men on strike.	Days lost.	Average days lost per man.
Alabama	210	1,260	6	384	12,323	32
Arkansas	665	4,615	7	403	37,685	94
Colorado	150	32,375	216	.....	.....	.....
Illinois	5,543	100,588	18	60,505	2,026,526	33
Indiana	4,577	146,636	32	15,400	795,887	52
Iowa	1,622	31,870	20	8,455	370,449	44
Kansas	984	8,507	9	2,088	13,487	65
Kentucky	1,080	34,008	32	2,759	79,685	29
Maryland	.....	.....	.....	347	3,228	9
Michigan	.....	.....	.....	2,028	101,424	50
Missouri	504	24,216	48	952	55,022	58
Montana	529	8,114	15	869	8,445	10
North Dakota	34	69	2	10	20	2
Ohio	9,530	350,039	37	27,200	895,777	32
Oklahoma	444	15,106	34	860	12,109	14
Oregon	.....	.....	.....	60	420	7
Pennsylvania	5,601	148,124	26	22,538	538,248	24
Tennessee	163	1,630	10	670	20,011	30
Texas	60	300	5	238	1,724	7
Utah	208	624	3	.....	.....	.....
Washington	2,099	22,215	10	807	31,347	39
West Virginia	1,510	16,483	11	12,165	606,588	50
Wyoming	.....	.....	.....	360	3,425	10
Total bituminous	35,513	946,779	27	159,098	5,613,830	35
Pennsylvania anthracite	5,900	36,958	6	151,958	6,913,475	45

No. 167.—SUMMARY OF STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1901 TO 1912.

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

Year.	Men on strike.	Working days lost.	Average days lost per man.	Year.	Men on strike.	Working days lost.	Average days lost per man.
1901[1]	20,593	733,802	35	1907[1]	32,540	462,392	14
1902	200,452	16,672,217	83	1908[1]	145,145	5,449,938	38
1903[1]	47,481	1,341,031	28	1909[1]	24,763	723,634	29
1904	77,661	3,382,830	44	1910	218,493	19,250,524	88
1905	37,542	796,735	21	1911	41,413	983,737	24
1906	372,343	19,201,348	51½	1912	311,056	12,527,305	40

[1] Bituminous mines only.

No. 168.—COAL MINES, ANTHRACITE AND BITUMINOUS: NUMBER OF MEN EMPLOYED, NUMBER OF DAYS WORKED, AND AVERAGE TONNAGE MINED PER MAN PER DAY AND PER CALENDAR YEAR, 1902 TO 1908 AND 1910 TO 1912.

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

Year.	Anthracite.				Bituminous.			
	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.
1902	148,141	116	2.40	279	370,056	230	3.06	703
1903	150,483	206	2.41	496	415,777	225	3.02	680
1904	155,861	200	2.35	469	437,832	202	3.15	637
1905	165,406	215	2.18	470	460,629	211	3.24	684
1906	162,355	195	2.25	439	478,425	213	3.36	717
1907	167,234	220	2.33	512	513,258	234	3.29	769
1908	174,174	200	2.39	478	516,264	193	3.34	644
1910	109,497	229	2.17	498	555,533	217	3.46	751
1911	172,585	246	2.13	524	549,750	211	3.50	738
1912	174,030	231	2.10	485	548,632	223	3.68	820