No. 132.—MANUFACTURES: Classified According to Average Number of Wage Earners, 1914.

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

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

No. 133.—MANUFACTURES: Engines and Power, Classified According to Kind, 1904, 1909, and 1914.

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

Power.	Number of engines or motors.			Horsepower.			Per cent distribution horsepower.		
	1904	1909	1914	1904	1909	1914	1904	1909	1914
Primary power:									
Owned—									
Steam [1]	127,267	153,525	137,176	10,917,592	14,228,632	15,631,688	80.9	76.2	69.5
Gas	21,515	34,356	37,603	289,423	751,186	991,905	2.1	4.0	4.4
Water wheels	19,595	20,079	16,919	1,641,949	1,867,439	1,786,418	12.2	9.7	7.9
Water motors	1,397	1,203	1,150	5,931	15,449	40,025	(2)	.1	.2
Total	169,774	209,163	192,938	12,854,805	16,802,706	18,500,036	95.3	90.0	82.0
Rented—									
Electric	61,589	199,309	452,102	441,589	1,749,031	3,917,655	3.3	9.4	17.4
Other	.....	.....	.....	191,313	123,639	129,883	1.4	.7	.6
Total	61,589	199,309	452,102	632,902	1,872,670	4,047,538	4.7	10.0	18.0
Grand total	231,363	408,472	645,040	13,487,707	18,675,376	22,547,574	100.0	100.0	100.0
Electric motors:									
Run by current generated by establishment	73,119	189,545	320,260	1,150,886	3,068,109	4,929,967	72.3	63.7	55.7
Run by rented power	61,589	199,309	452,102	441,589	1,749,031	3,917,655	27.7	36.3	44.3
Total	134,708	388,854	772,362	1,592,475	4,817,140	8,847,622	100.0	100.0	100.0

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

No. 134.—MANUFACTURES: Fuel Used, Classified According to Kinds, 1914.

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

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

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

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No. 135.—MANUFACTURES: CLASSIFIED ACCORDING TO CHARACTER OF OWNERSHIP OF THE ESTABLISHMENT, CALENDAR YEARS 1904, 1909, AND 1914.

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

Character of ownership, and year.	Establishments.		Wage earners.		Products.		Added by manufacture.	
	Number.	Per cent of total.	Average number.	Per cent of total.	Value.	Per cent of total.	Value.	Per cent of total.
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	993,824,072	11.4
1914	142,436	51.6	707,568	10.1	1,925,518,298	7.9	903,524,881	9.1
Corporation:								
1904	51,097	23.6	3,862,698	70.6	10,904,069,307	73.7	4,526,055,153	71.9
1909	69,501	25.9	5,002,303	75.6	16,341,116,634	79.0	6,582,207,117	77.2
1914	78,151	28.3	5,649,046	80.3	20,177,084,844	83.2	8,088,691,744	81.9
Other:								
1904	51,137	23.7	849,762	15.5	2,187,002,632	14.8	943,346,713	15.0
1909	58,385	21.7	807,770	12.2	2,288,873,736	11.1	978,229,803	11.5
1914	55,204	20.0	679,123	9.7	2,143,831,582	8.8	886,129,268	9.0
Total:								
1904	216,180	100.0	5,468,383	100.0	14,793,902,563	100.0	6,293,694,753	100.0
1909	268,491	100.0	6,615,046	100.0	20,672,051,870	100.0	8,529,260,992	100.0
1914	275,791	100.0	7,036,337	100.0	24,246,434,724	100.0	9,878,345,893	100.0

No. 136.—MANUFACTURES: CLASSIFIED ACCORDING TO SIZE OF ESTABLISHMENT, AS MEASURED BY THE VALUE OF PRODUCTS, CALENDAR YEARS 1904, 1909, AND 1914.

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

Value of product, and year.	Establishments.		Wage earners.		Products.		Added by manufacture.	
	Number.	Per cent of total.	Average number.	Per cent of total.	Value.	Per cent of total.	Value.	Per cent of total.
Less than $5,000:					*Dollars.*		*Dollars.*	
1904	71,147	33.9	106,353	1.9	176,128,212	1.2	114,781,124	1.8
1909	93,349	34.8	142,430	2.2	222,463,847	1.1	144,246,008	1.7
1914	97,061	35.2	129,623	1.8	233,381,081	1.0	151,739,764	1.5
$5,000 and less than $20,000:								
1904	72,791	33.7	419,466	7.7	751,047,759	5.1	434,120,643	6.7
1909	86,988	32.4	470,006	7.1	904,645,664	4.4	599,907,934	6.0
1914	87,931	31.9	429,037	6.1	905,693,168	3.7	507,430,375	5.1
$20,000 and less than $100,000:								
1904	48,096	22.2	1,027,047	18.8	2,129,257,883	14.4	1,090,271,887	17.3
1909	57,270	21.3	1,090,449	16.5	2,544,426,711	12.3	1,258,317,991	14.8
1914	56,814	20.6	999,600	14.2	2,550,220,411	10.5	1,238,879,430	12.5
$100,000 and less than $1,000,000:								
1904	22,246	10.3	2,515,064	46.0	6,109,012,538	41.3	2,782,641,883	44.2
1909	27,824	10.4	2,896,532	43.8	7,946,935,255	38.4	3,572,746,638	41.9
1914	30,166	10.9	3,002,071	42.7	8,763,070,135	36.1	3,888,094,982	39.4
$1,000,000 and over:								
1904	1,900	.9	1,400,453	25.6	5,628,456,171	38.0	1,881,870,216	29.9
1909	3,060	1.1	2,015,629	30.5	9,053,580,393	43.8	3,044,043,621	35.7
1914	3,819	1.4	2,476,006	35.2	11,794,060,929	48.6	4,092,200,842	41.4
Total:								
1904	216,180	100.0	5,468,383	100.0	14,793,902,563	100.0	6,293,694,753	100.0
1909	268,491	100.0	6,615,046	100.0	20,672,051,870	100.0	8,529,260,992	100.0
1914	275,791	100.0	7,036,337	100.0	24,246,434,724	100.0	9,878,345,893	100.0
Average per establishment:								
1904	.....	.....	25	.....	68,433	.....	29,113	.....
1909	.....	.....	25	.....	76,993	.....	31,767	.....
1914	.....	.....	26	.....	87,916	.....	35,818	.....

No. 137.—MANUFACTURES: Classified According to Size of Municipalities in Which Located, 1899, 1909, and 1914.

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

Item.	Census year.	Municipalities having a population of 10,000 and over.								Districts outside of municipalities having a population of 10,000 and over.		Aggregate.
		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.		Total.				
		Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.	
Number of establishments	1899	15,463	7.5	20,147	9.7	67,308	32.4	102,918	49.6	104,596	50.4	207,514
	1909	18,834	7.0	26,989	10.1	89,797	33.4	135,670	50.5	132,821	49.5	268,491
	1914	21,265	7.7	28,223	10.2	101,849	36.9	151,337	54.9	124,454	45.1	275,791
Average number of wage earners.	1899	524,909	11.1	767,293	16.3	1,752,246	37.2	3,044,439	64.6	1,668,324	35.4	4,712,763
	1909	674,232	10.2	1,118,412	16.9	2,514,738	38.0	4,307,374	65.1	2,307,672	34.9	6,615,046
	1914	766,578	10.9	1,123,875	16.0	2,831,739	40.2	4,722,192	67.1	2,314,145	32.9	7,036,337
Value of products	1899	$1,052,640,000	9.2	$1,843,125,000	16.2	$4,968,799,000	43.6	$7,864,564,000	68.9	$3,542,363,000	31.1	$11,406,927,000
	1909	$1,953,937,000	9.4	$3,593,828,000	17.4	$8,729,782,000	42.2	$14,277,547,000	69.0	$6,394,505,000	31.0	$20,672,052,000
	1914	$2,313,382,000	9.5	$3,977,265,000	16.4	$10,584,798,000	43.7	$16,875,445,000	69.6	$7,370,990,000	30.4	$24,246,435,000
Value added by manufacture.	1899	$478,679,000	9.5	$773,118,000	16.0	$2,145,681,000	44.4	$3,377,478,000	69.9	$1,453,597,000	30.1	$4,831,075,000
	1909	$802,352,000	9.4	$1,423,194,000	16.7	$3,771,974,000	44.2	$5,997,520,000	70.3	$2,531,741,000	29.7	$8,529,261,000
	1914	$964,400,000	9.8	$1,542,425,000	15.6	$4,578,538,000	46.3	$7,085,363,000	71.7	$2,792,983,000	28.3	$9,878,346,000
Population [1]	1900	4,297,118	5.7	5,547,205	7.3	14,208,347	18.7	24,052,670	31.6	51,941,905	68.3	75,994,575
	1910	5,559,962	6.0	8,204,970	8.9	20,302,138	22.1	34,067,070	37.0	57,905,196	63.0	91,972,266
	1914	[2] 6,259,842	6.3	8,714,366	8.8	23,800,970	24.1	[2] 38,775,678	39.3	60,005,646	60.7	98,781,324

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

No. 138.—MANUFACTURES: SUMMARY BY GENERAL GROUPS, 1899, 1904, 1909, AND 1914.

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

Group.	Year.	Establishments.	Wage earners.		Cost of materials—Amount.	Value of products.		Value added by manufacture.		Per cent value added by manufacture formed of total value of products.	Per cent of increase.[1]			
			Average number.	Per cent of total.		Amount.	Per cent of total.	Amount.	Per cent of total.		Period.	Wage earners (average number).	Value of products.	Value added by manufacture.
					Dollars.	*Dollars.*		*Dollars.*						
Food and kindred products	1899	41,247	301,868	6.4	1,782,863,000	2,199,204,000	19.3	416,341,000	8.6	18.9	1899-1904	17.3	29.4	29.6
	1904	45,857	354,046	6.5	2,306,121,000	2,845,556,000	19.2	539,435,000	8.6	19.0	1904-1909	16.2	38.4	39.0
	1909	55,364	411,575	6.2	3,187,803,000	3,937,618,000	19.0	749,815,000	8.8	19.0	1909-1914	20.6	22.3	31.8
	1914	59,317	496,234	7.1	3,828,512,000	4,816,709,000	19.9	988,197,000	10.0	20.5	1904-1914	40.2	69.3	83.2
Textiles	1899	17,647	1,022,123	21.7	894,846,000	1,628,606,000	14.3	733,760,000	15.2	45.1	1899-1904	13.1	31.9	22.8
	1904	17,042	1,156,305	21.1	1,246,562,000	2,147,441,000	14.5	900,879,000	14.3	42.0	1904-1909	24.4	42.5	45.9
	1909	21,723	1,438,446	21.7	1,745,516,000	3,060,199,000	14.8	1,314,683,000	15.4	43.0	1909-1914	4.2	11.6	8.1
	1914	22,995	1,498,664	21.3	1,993,058,000	3,414,615,000	14.1	1,421,557,000	14.4	41.6	1904-1914	29.6	59.0	57.8
Iron and steel and their products	1899	14,082	745,235	15.8	1,090,949,000	1,819,478,000	15.9	818,529,000	16.9	45.0	1899-1904	16.6	20.9	23.3
	1904	14,431	868,634	15.9	1,190,794,000	2,199,776,000	14.9	1,008,982,000	16.0	45.9	1904-1909	18.2	43.9	35.2
	1909	17,292	1,026,553	15.5	1,799,942,000	3,164,472,000	15.3	1,364,530,000	16.0	43.1	1909-1914	3.4	1.9	7.1
	1914	17,719	1,061,058	15.1	1,762,313,000	3,223,144,000	13.3	1,460,831,000	14.8	45.3	1904-1914	22.2	46.5	44.8
Lumber and its remanufactures	1899	34,954	671,696	14.3	480,930,000	1,007,532,000	8.8	526,602,000	10.9	52.3	1899-1904	9.3	21.1	33.4
	1904	32,501	734,136	13.4	517,501,000	1,219,749,000	8.2	702,248,000	11.2	57.6	1904-1909	24.2	30.2	24.0
	1909	48,539	911,593	13.8	717,833,000	1,588,274,000	7.7	870,441,000	10.2	54.8	1909-1914	−8.6	0.7	−3.8
	1914	42,036	833,529	11.8	762,350,000	1,599,710,000	6.6	837,360,000	8.5	52.3	1904-1914	13.5	31.2	19.2
Leather and its finished products	1899	5,625	248,626	5.3	396,633,000	582,048,000	5.1	185,415,000	3.8	31.9	1899-1904	6.4	24.5	31.7
	1904	5,318	264,459	4.8	480,221,000	724,391,000	4.9	244,170,000	3.9	33.7	1904-1909	17.1	37.0	32.2
	1909	5,728	309,766	4.7	669,874,000	992,713,000	4.8	322,839,000	3.8	32.5	1909-1914	−0.9	11.3	8.9
	1914	6,758	307,060	4.4	753,135,000	1,104,595,000	4.6	351,460,000	3.6	31.8	1904-1914	16.1	52.5	43.9
Paper and printing	1899	26,627	298,744	6.3	214,566,000	607,907,000	5.3	393,341,000	8.2	64.7	1899-1904	17.7	41.4	40.0
	1904	30,803	351,640	6.4	309,012,000	859,814,000	5.8	550,802,000	8.8	64.1	1904-1909	18.3	37.2	32.2
	1909	34,828	415,990	6.3	451,239,000	1,179,285,000	5.7	728,046,000	8.5	61.7	1909-1914	8.9	23.5	20.2
	1914	37,196	452,900	6.4	580,715,000	1,456,046,000	6.0	875,331,000	8.9	60.1	1904-1914	28.8	69.3	58.9

Liquors and beverages	1899	5,740	55,120	1.2	93,815,000	362,898,000	3.4	289,083,000	6.0	75.5	1899–1904	24.0	30.9	25.1
	1904	6,379	68,338	1.3	139,849,000	501,254,000	3.4	361,405,000	5.7	72.1	1904–1909	13.9	34.5	35.0
	1909	7,347	77,827	1.2	186,128,000	674,311,000	3.3	488,183,000	5.7	72.4	1909–1914	13.3	14.5	7.7
	1914	7,562	88,152	1.3	246,188,000	772,080,000	3.2	525,892,000	5.3	68.1	1904–1914	29.0	54.0	45.5
Chemicals and allied products	1899	8,928	196,538	4.2	451,457,000	761,691,000	6.7	310,234,000	6.4	40.7	1899–1904	15.7	41.2	42.3
	1904	9,826	227,326	4.2	633,919,000	1,075,519,000	7.3	441,600,000	7.0	41.1	1904–1909	17.6	41.9	34.9
	1909	12,060	267,261	4.0	931,045,000	1,526,599,000	7.4	595,554,000	7.0	39.0	1909–1914	12.1	31.1	19.6
	1914	12,374	299,569	4.3	1,289,348,000	2,001,634,000	8.3	712,286,000	7.2	35.6	1904–1914	31.8	86.1	61.3
Stone, clay, and glass products	1899	11,524	231,716	4.9	85,137,000	270,650,000	2.4	185,513,000	3.8	68.5	1899–1904	23.1	44.5	44.5
	1904	10,773	285,346	5.2	123,067,000	391,148,000	2.6	268,081,000	4.3	68.5	1904–1909	20.1	35.9	29.8
	1909	16,168	342,827	5.2	183,792,000	531,737,000	2.6	347,945,000	4.1	65.4	1909–1914	−2.4	15.5	7.9
	1914	14,747	334,702	4.8	238,734,000	614,162,000	2.5	375,428,000	3.8	61.1	1904–1914	17.3	57.0	40.0
Metals and metal products, other than iron and steel.	1899	5,041	161,463	3.4	472,515,000	690,974,000	6.1	218,459,000	4.5	31.6	1899–1904	23.0	29.7	20.3
	1904	5,880	198,531	3.6	633,132,000	895,975,000	6.1	262,843,000	4.2	29.3	1904–1909	25.7	38.4	32.5
	1909	8,783	249,607	3.8	892,065,000	1,240,410,000	6.0	348,345,000	4.1	28.1	1909–1914	5.0	14.2	13.0
	1914	10,023	262,154	3.7	1,023,354,000	1,417,042,000	5.8	393,688,000	4.0	27.8	1904–1914	32.0	58.2	49.8
Tobacco manufactures	1899	14,959	132,526	2.8	92,867,000	263,713,000	2.3	170,846,000	3.5	64.8	1899–1904	20.3	25.6	20.0
	1904	16,827	159,406	2.9	126,086,000	331,111,000	2.2	205,025,000	3.3	61.9	1904–1909	4.6	25.8	16.8
	1909	15,822	166,810	2.5	177,186,000	416,695,000	2.0	239,509,000	2.8	57.5	1909–1914	7.2	17.6	18.2
	1914	13,951	178,872	2.5	207,134,000	490,165,000	2.0	283,031,000	2.9	57.7	1904–1914	12.2	48.0	38.0
Vehicles for land transportation	1899	7,338	133,663	2.8	153,254,000	277,485,000	2.4	124,231,000	2.6	44.8	1899–1904	2.2	15.5	15.1
	1904	6,058	136,625	2.5	177,641,000	320,624,000	2.2	142,983,000	2.3	44.6	1904–1909	48.4	75.2	78.5
	1909	6,562	202,719	3.1	306,537,000	561,763,000	2.7	255,226,000	3.0	45.4	1909–1914	29.8	84.2	75.5
	1914	9,909	263,076	3.7	586,670,000	1,634,497,000	4.3	447,827,000	4.5	43.3	1904–1914	92.6	222.7	213.2
Railroad repair shops	1899	1,400	180,620	3.8	113,809,000	227,485,000	2.0	113,676,000	2.4	50.0	1899–1904	37.3	42.1	46.6
	1904	1,226	247,922	4.5	156,568,000	323,212,000	2.2	166,644,000	2.6	51.6	1904–1909	22.9	35.4	33.8
	1909	1,686	304,592	4.6	214,581,000	437,563,000	2.1	222,982,000	2.6	51.0	1909–1914	20.1	26.3	30.6
	1914	2,011	365,902	5.2	261,439,000	552,618,000	2.3	291,179,000	2.9	52.7	1904–1914	47.6	71.0	74.7
Miscellaneous industries	1899	12,402	332,825	7.1	342,210,000	687,256,000	6.0	345,046,000	7.1	50.2	1899–1904	24.9	39.4	44.5
	1904	13,259	415,669	7.6	459,735,000	958,333,000	6.5	498,598,000	7.9	52.0	1904–1909	17.8	42.0	36.6
	1909	16,589	489,480	7.4	679,250,000	1,360,413,000	6.6	681,163,000	8.0	50.1	1909–1914	21.4	28.6	34.2
	1914	19,193	594,465	8.4	835,139,000	1,749,418,000	7.2	914,279,000	9.3	52.3	1904–1914	43.0	82.5	83.4
All industries	1899	207,514	4,712,763	100.0	6,575,851,000	11,406,927,000	100.0	4,831,076,000	100.0	42.4	1899–1904	16.0	29.7	30.3
	1904	216,180	5,468,383	100.0	8,500,208,000	14,793,903,000	100.0	6,293,695,000	100.0	42.5	1904–1909	21.0	39.7	35.5
	1909	268,491	6,615,046	100.0	12,142,791,000	20,672,052,000	100.0	8,529,261,000	100.0	41.3	1909–1914	6.4	17.3	15.8
	1914	275,791	7,036,337	100.0	14,368,089,000	24,246,435,000	100.0	9,878,346,000	100.0	40.7	1904–1914	28.7	63.9	57.0

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

No. 139.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914.

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

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Airplanes and parts [1]	1914	16	9	45	168	222	195	401	61	135	134	790	656
Agricultural implements	1909	640	465	9,213	50,551	60,229	100,601	256,281	10,140	28,609	60,307	146,329	86,022
	1914	601	431	9,228	48,459	58,118	121,428	338,532	13,010	34,593	73,509	164,087	90,578
Aluminum ware [1]	1914	37	20	408	4,614	5,042	12,338	11,088	481	2,611	14,421	19,597	5,176
Artificial flowers and feathers and plumes	1909	412	520	1,047	10,016	11,583	334	9,693	1,160	3,974	13,627	23,981	10,354
	1914	456	409	1,067	9,291	10,767	606	8,744	1,295	3,979	9,309	19,065	9,756
Artificial stone	1909	3,439	4,208	1,037	9,957	15,202	12,185	16,010	785	5,342	7,043	18,596	11,553
	1914	3,548	4,039	1,309	10,255	15,653	20,326	19,414	1,265	6,368	8,904	21,934	13,030
Artists' materials	1909	46	25	182	658	865	1,628	1,730	202	307	1,360	2,340	980
	1914	44	34	332	604	970	1,977	2,947	432	315	2,065	3,238	1,173
Asbestos [1]	1914	32	10	159	962	1,131	2,877	3,520	220	434	1,360	2,814	1,454
Automobiles, including bodies and parts	1909	743	405	9,233	75,721	85,359	75,550	173,837	9,479	48,694	131,646	249,202	117,556
	1914	1,271	766	18,099	127,092	145,951	173,684	407,730	37,520	101,927	356,268	632,831	276,623
Awnings, tents, and sails	1909	621	648	857	4,242	5,747	2,022	7,865	809	2,188	8,377	14,499	6,122
	1914	898	894	1,184	5,073	7,151	2,610	9,958	1,256	2,954	10,155	18,133	7,983
Babbitt metal and solder	1909	109	66	528	897	1,491	2,293	7,418	739	561	16,270	19,768	3,498
	1914	109	69	582	1,035	1,686	2,881	8,919	913	761	15,652	19,180	3,528

Bags, other than paper	1909	109	72	798	7,968	8,838	6,855	24,625	1,068	2,942	46,364	54,882	8,518
	1914	138	100	956	9,358	10,414	10,392	36,878	1,518	3,789	67,021	79,049	12,028
Bags, paper	1909	74	42	429	3,212	3,683	3,885	10,780	714	1,306	10,355	15,695	5,342
	1914	59	28	625	3,505	4,158	3,982	11,078	913	1,659	12,201	17,603	5,402
Baking powders and yeast	1909	144	110	1,266	2,155	3,531	3,335	33,647	1,710	1,046	9,338	26,775	11,437
	1914	124	79	1,252	2,276	3,601	7,862	35,272	1,906	1,241	10,895	22,369	11,444
Baskets, and rattan and willow ware	1909	456	476	279	4,664	5,419	7,196	4,199	244	1,747	2,395	5,625	3,260
	1914	419	415	313	4,574	5,202	7,293	4,591	351	1,923	2,999	6,573	3,579
Belting leather	1909	139	100	1,264	3,006	4,370	5,628	17,457	1,502	1,861	15,623	23,692	8,069
	1914	151	86	1,226	2,951	4,263	7,411	20,139	1,760	2,070	15,480	23,026	7,556
Belting and hose, woven and rubber	1909	46	11	974	6,319	7,304	20,547	24,260	1,384	2,956	14,505	24,729	10,224
	1914	49	17	1,310	6,067	7,394	25,751	27,285	2,032	3,362	15,836	28,002	12,166
Billiard tables and materials	1909	54	48	233	1,495	1,776	2,642	4,705	352	1,011	3,369	5,878	2,509
	1914	54	50	303	1,453	1,806	3,213	5,488	366	985	2,488	4,894	2,406
Blacking and cleansing and polishing preparations.	1909	501	434	1,556	2,417	4,407	3,977	7,557	1,780	1,146	6,962	14,679	7,717
	1914	595	506	1,959	3,005	5,470	5,192	10,883	2,656	1,496	9,024	19,033	10,009
Bluing	1909	82	94	138	313	545	242	556	112	114	494	1,074	580
	1914	66	58	86	254	398	220	712	111	105	489	1,184	695
Bone, carbon, and lampblack	1909	27	7	67	228	302	1,023	1,842	78	149	445	1,093	648
	1914	27	17	81	339	437	1,816	4,995	105	231	686	1,464	778
Boots and shoes, including cut stock and findings	1909	1,918	1,838	15,788	198,297	215,923	96,302	222,324	18,629	98,463	332,738	512,798	180,060
	1914	1,960	1,702	19,815	206,088	227,605	112,929	297,609	25,473	112,973	382,111	590,028	207,917
Boots and shoes, rubber	1909	22	.....	1,287	17,612	18,899	25,903	43,905	1,415	8,544	29,577	49,721	20,144
	1914	23	2	1,670	18,687	20,359	24,621	46,051	1,958	9,986	23,956	53,822	29,866
Boxes, cigar	1909	274	301	436	6,115	6,852	6,049	5,403	471	2,234	4,313	8,491	4,178
	1914	238	245	401	5,835	6,481	5,350	5,270	478	2,239	4,269	8,337	4,068
Boxes, fancy and paper	1909	949	815	3,239	39,514	43,568	23,323	35,475	3,709	14,015	25,716	54,450	28,734
	1914	1,043	734	4,547	45,311	50,592	38,179	60,027	5,887	18,705	36,268	74,711	38,443
Brass and bronze products	1909	1,021	828	3,995	40,618	45,441	106,120	109,319	5,540	23,677	99,228	149,989	50,761
	1914	992	791	4,560	40,396	45,657	122,700	116,093	7,074	25,634	115,487	162,199	46,712
Bread and other bakery products	1909	23,926	26,982	17,124	100,216	144,322	65,298	212,910	13,764	59,351	238,034	396,865	158,831
	1914	25,963	28,624	20,606	124,052	172,682	107,771	271,262	19,767	76,367	274,257	491,893	217,636
Brick, tile, pottery, and other clay products	1909	5,037	4,737	9,353	132,696	146,786	451,186	316,023	11,252	66,892	45,647	168,895	123,248
	1914	3,634	2,939	9,805	127,444	140,188	470,758	326,749	13,351	71,896	55,105	173,853	118,753

[1] Included in other classifications in 1909.

No. 139.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.							
								Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Brooms and brushes[1]	1909	1,282	1,451	1,539	12,153	15,143	8,860	18,982	1,651	5,404	15,578	29,126	13,548
	1914	1,227	1,335	1,925	12,855	16,115	10,892	23,039	2,306	6,085	17,210	31,979	14,769
Butter, cheese, and condensed milk	1909	8,479	8,019	5,056	18,431	31,506	101,349	71,264	3,501	11,081	235,546	274,558	39,012
	1914	7,628	7,282	6,727	23,059	37,068	130,862	105,812	6,131	15,847	315,026	364,285	49,259
Butter, reworking	1909	24	10	113	295	418	1,471	3,543	123	186	7,424	8,200	776
	1914	17	9	76	304	389	1,349	1,397	98	200	5,059	5,869	810
Buttons	1909	444	519	1,058	16,427	18,004	12,831	15,640	1,299	6,789	9,541	22,708	13,167
	1014	517	536	1,249	14,511	16,296	14,398	19,075	1,651	6,424	8,702	20,712	12,010
Candles	1909	16	7	103	539	649	799	2,959	161	246	2,176	3,130	954
	1914	15	11	91	387	489	439	2,286	173	183	1,119	1,731	612
Canning and preserving	1909	3,767	4,244	7,769	59,968	71,972	81,179	119,207	7,864	19,082	101,823	157,101	55,278
	1914	4,220	4,409	9,589	74,071	88,069	129,004	172,475	11,471	27,197	159,658	243,440	83,782
Card cutting and designing	1909	68	79	98	525	702	269	684	93	238	374	1,031	657
	1914	58	62	63	517	642	449	706	73	265	421	1,055	634
Carpets and rugs, other than rag	1909	139	134	1,265	33,307	34,706	33,553	75,627	2,209	15,536	39,563	71,188	31,625
	1914	97	72	1,720	31,309	33,101	42,963	85,154	2,874	14,716	42,280	69,128	26,848
Carpets, rag	1909	428	489	217	1,982	2,688	2,651	1,546	182	860	689	2,568	1,879
	1914	463	512	258	2,130	2,900	2,722	1,654	244	995	722	2,786	2,065
Carriages and sleds, children's	1909	84	50	419	5,300	5,769	5,281	6,883	490	2,217	4,129	8,805	4,676
	1914	92	53	534	5,900	6,487	5,652	9,380	746	3,181	5,682	11,752	6,069
Carriages and wagons, and materials	1909	5,492	6,213	6,803	69,928	82,944	126,032	175,474	7,960	37,595	81,951	159,893	77,942
	1914	5,057	5,629	6,426	52,391	64,446	112,549	177,643	7,774	32,557	65,719	131,547	65,828

Cars and general shop construction and repairs by steam-railroad companies.	1909	1,145	2	19,097	282,174	301,273	293,361	238,317	17,339	181,344	199,413	405,601	206,188
	1914	1,362	1	22,406	339,518	361,925	433,094	354,092	24,044	234,505	243,829	514,041	270,212
Cars and general shop construction and repairs by electric-railroad companies.	1909	541	--------	1,281	22,418	23,699	35,794	28,890	1,204	14,486	15,168	31,963	16,795
	1914	649	4	1,827	26,284	28,215	44,989	63,614	1,915	18,645	17,616	38,577	20,967
Cars, steam-railroad, not including operations of railroad companies.	1909	110	7	4,001	43,086	47,094	97,737	139,905	5,138	27,135	78,753	123,730	44,977
	1914	103	11	4,689	54,288	58,983	125,687	157,811	6,955	41,394	132,200	194,776	62,576
Cars, electric-railroad, not including operations of railroad companies.	1909	14	1	421	3,583	4,005	15,161	14,168	594	2,177	4,260	7,810	3,550
	1914	14	--------	446	3,840	4,286	10,014	14,752	733	2,467	6,350	13,495	4,145
Cash registers and calculating machines	1909	50	7	1,777	7,465	9,249	6,944	27,224	2,736	5,312	3,552	23,708	20,156
	1914	52	9	3,800	8,956	12,765	20,319	41,075	5,482	6,110	3,992	20,520	26,528
Cement	1909	135	17	2,719	26,775	29,511	371,799	187,398	3,653	15,320	29,344	63,205	33,861
	1914	133	10	4,032	27,916	31,958	490,402	243,485	6,635	18,192	51,987	101,756	49,769
Charcoal	1909	76	75	25	631	731	165	641	23	253	448	872	424
	1914	47	55	18	228	301	134	494	12	81	223	402	169
Chemicals	1909	359	161	3,927	23,729	27,818	208,657	155,199	6,141	14,096	64,146	117,741	53,595
	1914	395	99	5,471	32,311	37,881	282,385	224,346	9,621	22,066	89,451	158,054	68,603
China decorating	1909	40	45	63	328	436	18	559	80	191	311	786	475
	1914	51	68	45	295	408	23	463	56	159	330	727	397
Chocolate and cocoa products	1909	27	10	568	2,826	3,404	10,593	13,685	970	1,269	15,523	22,390	6,867
	1914	36	20	879	4,160	5,059	19,736	23,685	1,453	2,036	24,483	35,713	11,230
Clocks and watches, including cases and materials	1909	120	53	1,529	23,857	25,439	14,957	57,500	2,181	12,944	11,131	35,197	24,066
	1914	119	53	1,690	23,328	25,071	15,647	62,469	2,303	13,495	11,021	34,153	23,132
Cloth, sponging and refinishing	1909	57	67	125	975	1,167	704	629	127	651	85	1,544	1,459
	1914	51	62	113	901	1,076	764	625	180	658	153	1,531	1,398
Clothing, horse	1909	33	40	142	1,648	1,830	1,454	3,279	171	492	2,773	4,135	1,362
	1914	37	40	227	1,669	1,936	1,903	4,482	249	668	3,569	5,150	1,581
Clothing, men's, buttonholes	1909	146	181	20	830	1,031	176	225	12	389	105	781	676
	1914	139	169	15	672	856	205	224	14	326	90	638	548
Clothing, men's, including shirts	1909	6,354	8,502	23,239	239,696	271,437	42,725	275,320	26,723	106,277	297,515	568,077	270,562
	1914	5,622	7,078	24,992	225,719	257,789	53,281	274,994	31,514	105,998	280,697	554,026	273,329
Clothing, women's	1909	4,558	6,482	18,796	153,743	179,021	22,234	129,301	20,418	78,568	208,788	384,752	175,964
	1914	5,564	7,516	22,262	168,907	198,685	28,386	153,549	26,123	92,574	252,345	473,888	221,543
Coffee and spice, roasting and grinding	1909	607	497	5,529	7,490	13,516	22,334	46,042	6,596	3,676	83,235	110,533	27,328
	1914	696	474	6,089	8,549	15,112	26,634	55,596	8,916	4,508	116,520	150,749	34,229

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

No. 139.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Coffins, burial cases, and undertakers' goods	1909	284	161	1,948	9,339	11,448	16,490	25,843	2,411	4,633	11,964	24,526	12,562
	1914	287	166	1,864	9,468	11,498	19,006	29,731	2,512	5,382	13,257	26,325	13,068
Coke	1909	315	101	1,852	29,273	31,226	62,602	152,321	2,072	15,454	64,025	95,697	31,672
	1914	231	36	2,320	21,107	23,463	120,327	161,561	2,657	14,289	69,138	99,275	30,137
Confectionery	1909	1,944	1,832	8,384	44,638	54,854	35,870	68,326	9,137	15,615	81,151	134,796	53,645
	1914	2,391	2,242	9,891	53,658	65,791	55,823	97,467	12,341	21,472	101,015	170,845	69,830
Confectionery (ice cream)	1914	2,437	2,712	2,486	10,376	15,574	45,600	33,703	2,591	6,845	32,772	55,983	23,211
Cooperage and wooden goods, not elsewhere specified	1909	1,693	1,760	1,688	26,269	29,717	65,108	50,342	2,047	11,715	36,928	60,248	23,320
	1914	1,538	1,609	1,613	23,546	26,768	59,001	47,130	2,153	11,928	37,896	60,180	22,284
Copper, tin, and sheet-iron products	1909	4,228	4,423	8,896	73,615	86,934	62,366	217,532	10,288	39,501	112,582	199,824	87,242
	1914	5,091	5,197	10,912	80,029	96,138	75,263	244,593	14,360	47,978	136,487	241,943	105,456
Cordage and twine, and jute and linen goods	1909	164	80	1,314	25,820	27,214	78,549	76,020	1,863	9,133	40,915	61,020	20,105
	1914	175	65	1,589	28,381	30,035	95,377	101,239	2,530	11,820	62,732	86,323	23,591
Cordials and flavoring sirups	1909	117	94	449	1,095	1,638	1,154	4,804	627	503	5,341	9,662	4,321
	1914	142	86	581	929	1,596	2,070	5,535	876	461	7,596	15,316	7,720
Cork, cutting	1909	62	49	185	3,142	3,376	3,746	5,327	267	1,093	3,435	5,940	2,505
	1914	52	27	251	3,454	3,732	5,814	7,602	398	1,582	4,751	7,875	3,124
Corsets	1909	138	91	1,956	17,564	19,611	4,581	18,033	2,871	6,464	15,640	33,257	17,617
	1914	167	101	2,549	20,496	23,146	7,057	23,898	4,268	7,977	19,587	40,551	20,964
Cotton goods, including cotton small wares	1909	1,324	377	8,514	378,880	387,771	1,296,517	822,238	14,412	132,859	371,009	628,392	257,383
	1914	1,328	489	10,018	393,404	403,911	1,585,953	899,735	17,400	152,423	443,523	701,301	257,778

Crucibles	1909	12	4	59	335	298	816	2,051	130	180	1,089	1,849	760
	1914	10	.....	54	302	356	875	1,871	144	171	1,270	1,886	616
Cutlery and tools, not elsewhere specified	1909	959	814	3,351	32,996	37,161	68,294	67,480	4,182	17,581	18,279	52,266	34,987
	1914	913	722	3,975	23,427	38,124	78,255	83,295	5,571	19,293	20,421	59,433	38,012
Dairymen's, poultrymen's, and apiarists' supplies	1909	233	206	1,354	4,871	6,431	6,898	15,188	1,416	2,671	6,089	15,463	9,374
	1914	236	182	1,464	5,551	7,197	11,639	21,231	1,686	3,363	9,248	18,950	9,702
Dental goods	1909	87	69	340	1,573	1,982	865	6,258	545	744	8,101	10,836	2,735
	1914	172	146	591	3,089	3,817	1,874	10,949	810	1,616	10,715	16,160	5,445
Drug grinding	1909	25	16	214	922	1,152	3,322	5,187	268	464	3,454	6,007	2,553
	1914	29	22	199	1,059	1,280	4,972	8,434	352	583	5,215	8,080	2,865
Dyeing and finishing textiles	1909	426	318	2,939	44,046	47,303	107,746	114,093	5,035	21,227	35,261	83,556	48,295
	1914	597	353	4,456	48,467	53,273	130,172	133,194	6,471	24,872	56,705	109,292	52,587
Dyestuffs and extracts	1909	107	65	553	2,397	3,015	22,213	17,935	942	1,291	9,684	15,955	6,271
	1914	112	56	656	2,839	3,551	23,200	21,234	1,389	1,613	13,233	20,620	7,382
Electrical machinery, apparatus, and supplies	1909	1,009	439	17,905	87,256	105,600	158,768	267,844	20,193	49,381	108,566	221,309	112,743
	1914	1,030	368	26,266	118,078	144,712	227,731	355,725	35,291	73,806	154,728	235,170	130,442
Electroplating	1909	461	554	287	2,717	3,558	4,461	2,324	243	1,052	1,205	4,510	3,305
	1914	479	579	334	2,584	3,497	5,845	2,842	381	1,713	1,326	4,773	3,437
Emery and other abrasive wheels	1909	51	20	483	1,943	2,446	4,005	6,231	657	1,156	2,651	6,711	4,060
	1914	49	23	607	2,387	3,017	4,100	8,224	898	1,491	3,606	7,139	4,123
Enameling and japanning [1]	1909	108	105	188	2,125	2,418	1,685	2,880	204	922	1,496	3,316	1,820
	1914	112	110	131	1,542	1,783	1,745	2,389	174	799	1,064	2,547	1,483
Engravers' materials	1909	18	13	47	129	189	549	393	68	96	609	921	312
	1914	13	5	47	106	158	547	352	73	73	551	768	217
Engraving and diesinking	1909	253	300	174	1,308	1,782	768	1,449	168	821	351	2,250	1,899
	1914	486	548	216	1,536	2,300	1,092	1,865	226	1,076	596	3,134	2,538
Engraving, wood	1909	82	89	73	318	450	39	193	82	259	126	711	585
	1914	72	78	72	302	452	68	246	110	310	96	719	623
Explosives	1909	86	21	763	6,274	7,058	28,601	50,168	1,134	4,304	22,812	49,140	17,328
	1914	111	20	2,099	6,306	8,425	45,778	71,251	3,307	4,488	25,627	41,433	15,806
Fancy articles, not elsewhere specified	1909	494	477	1,526	12,191	14,194	8,310	15,768	1,728	5,096	10,261	22,632	12,271
	1914	613	556	1,804	10,967	13,327	8,005	15,099	2,293	5,352	12,240	25,033	12,793
Fertilizers	1909	550	323	3,317	18,310	21,950	64,711	121,537	4,496	7,477	69,522	103,960	34,438
	1914	784	373	5,113	22,815	28,301	114,281	217,965	7,242	10,532	107,955	153,196	45,242

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

No. 139.—Summary of Manufactures: By Specified Industries, Calendar Years 1909 and 1914—Continued.

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

Fuel, manufactured	1909	11	2	22	88	112	1,290	432	22	50	155	311	156
	1914	14	4	29	141	174	3,444	1,771	31	112	609	863	254
Fur goods	1909	1,241	1,717	2,508	11,927	16,152	2,120	29,249	2,553	7,788	31,777	55,938	24,161
	1914	1,322	1,721	2,534	9,030	13,285	3,233	29,677	2,783	6,335	23,847	43,633	19,785
Furnishing goods, men's	1909	900	1,022	4,451	38,482	43,935	12,116	49,009	5,210	15,093	49,125	87,710	38,585
	1914	802	782	4,951	42,205	47,938	17,300	59,257	6,360	17,186	53,350	95,417	42,067
Furniture and refrigerators	1909	3,155	2,657	13,031	128,452	144,140	221,451	227,134	15,561	65,618	108,775	239,886	131,111
	1914	3,326	2,507	16,103	133,498	152,108	251,997	282,396	21,717	75,888	128,830	280,758	151,928
Furs, dressed	1909	93	115	116	1,241	1,472	2,103	1,672	135	806	811	2,391	1,580
	1914	96	107	139	1,525	1,771	2,275	2,490	272	923	906	2,875	1,969
Galvanizing	1909	46	26	216	1,447	1,689	1,367	4,197	257	787	5,719	7,338	1,619
	1914	48	24	233	1,580	1,887	2,385	4,416	371	922	6,293	8,480	2,187
Gas and electric fixtures and lamp appliances	1909	619	431	3,614	18,861	22,906	15,862	36,835	4,340	16,393	20,467	45,057	24,590
	1914	611	407	3,342	18,047	21,796	18,668	43,300	4,694	10,677	22,102	45,378	23,276
Gas, illuminating and heating	1909	1,296	277	13,515	37,215	51,007	128,350	915,537	12,385	20,931	52,428	166,814	114,386
	1914	1,284	78	20,123	43,792	63,993	245,715	1,252,422	17,529	26,802	76,779	220,238	143,459
Glass	1909	363	87	3,575	68,911	72,573	123,132	129,288	4,994	39,300	32,119	92,095	59,976
	1914	348	93	4,209	74,502	78,804	163,139	153,926	6,549	48,656	46,017	123,085	77,069
Glass, cutting, staining, and ornamenting	1909	583	617	1,111	9,362	11,090	4,897	10,296	1,295	5,249	6,246	16,101	9,855
	1914	635	582	1,179	8,067	9,828	5,539	11,310	1,313	4,670	7,143	16,446	9,303
Gloves and mittens, leather	1909	377	458	1,138	11,354	12,950	2,889	16,909	1,256	4,764	13,208	23,631	10,423
	1914	352	417	1,260	10,668	12,345	3,357	17,080	1,409	4,558	12,171	21,614	9,443
Glucose and starch	1909	118	86	968	4,773	5,827	28,257	38,866	1,413	2,666	36,899	48,799	11,900
	1914	89	70	1,378	4,509	5,957	41,639	43,642	1,940	3,550	40,208	52,615	12,408
Glue, not elsewhere specified	1909	65	45	530	3,265	3,840	15,596	14,289	747	1,571	7,525	13,718	6,193
	1914	57	32	582	3,129	3,743	13,304	17,162	772	1,854	9,368	13,733	4,365
Gold and silver, leaf and foil	1909	88	108	62	1,383	1,553	259	1,184	78	637	1,518	2,630	1,112
	1914	79	87	91	1,135	1,313	360	1,174	126	498	1,452	2,432	980
Gold and silver, reducing and refining, not from the ore.	1909	62	61	173	456	690	1,735	3,894	249	346	21,984	22,612	1,628
	1914	73	72	214	456	742	2,235	4,407	316	391	25,709	28,588	2,878
Graphite, ground and refined	1909	9	4	96	162	262	1,472	1,786	115	89	405	1,140	735
	1914	11	5	161	250	416	2,602	3,059	242	181	723	1,724	1,001
Grease and tallow not elsewhere specified	1909	353	364	783	4,357	5,504	14,613	16,676	991	2,629	15,543	23,419	7,876
	1914	369	359	784	5,106	6,249	17,947	18,928	1,029	3,512	17,061	24,901	7,840

No. 139.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Grindstones	1909	14	6	85	1,394	1,485	5,700	4,939	159	633	468	1,688	1,220
	1914	14	5	44	686	735	2,160	1,979	62	323	116	684	568
Haircloth	1909	14	11	72	538	621	995	2,231	72	252	1,614	2,230	616
	1914	19	22	57	595	674	1,723	2,945	99	290	1,654	2,395	741
Hair work	1909	250	298	551	3,534	4,383	218	4,716	434	1,610	6,081	11,216	5,135
	1914	205	224	236	1,193	1,653	68	2,543	262	581	1,529	3,335	1,806
Hammocks	1909	15	14	39	272	325	157	344	34	95	311	578	267
	1914	14	14	46	285	345	321	608	50	119	361	671	310
Hand stamps and stencils and brands	1909	361	375	513	1,651	2,539	903	2,439	433	952	1,127	3,673	2,546
	1914	384	377	571	1,767	2,715	1,384	3,135	586	1,149	1,426	4,485	3,059
Hat and cap materials	1909	74	63	188	2,367	2,618	2,922	6,183	231	947	5,380	8,236	2,856
	1914	98	101	196	1,775	2,072	2,954	6,417	263	804	5,052	6,929	1,877
Hats and caps, other than felt, straw, and wool	1909	494	683	720	6,201	7,609	990	5,275	783	3,421	6,690	13,689	6,999
	1914	580	797	823	7,322	8,942	1,339	6,847	924	4,508	9,268	18,593	9,325
Hats, fur felt	1909	273	264	1,763	25,064	27,091	19,245	35,734	2,097	14,223	22,109	47,865	25,756
	1914	224	163	1,451	21,318	22,932	20,851	39,401	1,929	12,071	16,947	37,350	20,403
Hats, straw	1909	98	91	799	8,814	9,704	3,482	11,538	1,427	4,471	11,468	21,424	9,956
	1914	149	137	999	9,483	10,619	5,248	12,589	1,767	5,253	14,086	25,444	11,358
Hones and whetstones	1909	18	13	8	152	173	677	332	6	72	110	268	158
	1914	16	7	31	170	208	864	499	32	64	87	260	173
Horseshoes, not made in steel works or rolling mills	1909	19	7	60	293	360	1,045	1,396	99	166	356	1,015	659
	1914	22	6	125	588	719	1,984	2,437	209	362	690	1,786	1,096

Hosiery and knit goods	1909	1,374	1,134	5,721	129,275	136,130	103,709	163,641	7,691	44,740	110,241	200,143	89,902
	1914	1,622	1,298	7,855	150,520	159,673	125,842	215,826	11,281	59,758	146,687	258,913	112,226
House-furnishing goods, not elsewhere specified	1909	260	236	773	4,907	5,916	9,328	12,734	1,007	2,635	12,371	18,509	6,138
	1914	370	334	1,223	6,935	8,492	11,731	19,014	1,741	3,307	17,391	26,453	9,062
Ice, manufactured	1909	2,604	1,066	3,927	16,114	21,107	317,789	118,641	3,868	9,779	11,317	42,953	31,636
	1914	2,543	1,355	5,420	23,011	29,786	461,985	174,309	5,766	14,841	17,755	60,386	42,631
Ink, printing	1909	71	38	695	1,121	1,854	5,857	7,144	1,092	773	4,175	8,865	4,690
	1914	70	40	862	1,391	2,293	7,821	11,943	1,856	1,064	6,806	13,830	7,024
Ink, writing	1909	47	37	282	505	824	169	2,114	376	203	1,073	2,505	1,427
	1914	54	38	339	512	889	612	2,464	536	263	1,236	2,784	1,548
Instruments, professional and scientific	1909	263	222	1,136	4,817	6,175	4,856	11,724	1,233	2,925	2,918	10,504	7,586
	1914	307	249	1,664	7,107	9,020	6,799	16,742	1,950	4,652	5,582	17,495	11,913
Iron and steel, blast furnaces	1909	208	48	4,584	38,429	43,061	1,173,422	487,581	6,525	24,607	320,638	391,429	70,791
	1914	160	15	3,823	29,356	33,194	1,222,273	462,282	6,115	22,781	264,580	317,654	53,074
Iron and steel, steelworks and rolling mills	1909	446	47	20,639	240,076	260,762	2,100,978	1,004,735	26,191	163,201	657,501	985,723	328,222
	1914	427	52	25,394	248,716	274,162	2,706,553	1,258,371	37,516	188,142	590,826	918,665	327,839
Iron and steel, bolts, nuts, washers, and rivets	1909	108	38	1,012	11,345	12,395	22,113	30,250	1,373	5,793	12,804	24,485	11,681
	1914	102	26	1,088	10,658	11,772	28,897	35,602	1,740	5,961	12,913	23,403	10,491
Iron and steel, doors and shutters	1909	29	18	197	1,601	1,816	1,997	3,045	224	874	1,283	3,006	1,723
	1914	43	22	388	1,985	2,395	3,170	5,161	547	1,538	1,996	5,184	3,188
Iron and steel forgings	1909	172	90	935	8,168	9,193	27,803	27,755	1,300	5,003	10,240	20,293	10,053
	1914	191	59	1,236	10,689	11,984	38,215	36,329	1,994	7,487	14,611	28,961	14,350
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steelworks or rolling mills.	1909	57	42	432	2,765	3,239	7,723	8,898	562	1,353	3,972	8,192	4,220
	1914	64	40	495	2,644	3,179	8,235	7,883	691	1,508	3,594	7,199	3,605
Iron and steel pipe, wrought	1909	28	17	475	6,817	7,309	20,656	22,266	657	3,963	22,942	30,886	7,944
	1914	36	10	835	8,845	9,690	17,542	39,408	1,245	5,750	26,296	37,655	11,359
Jewelry	1909	1,537	1,346	4,799	30,347	36,992	11,204	63,811	5,838	18,358	36,675	80,250	43,675
	1914	1,914	2,220	5,555	28,289	36,064	15,666	72,404	7,325	18,302	39,116	81,006	41,890
Jewelry and instrument cases	1909	120	139	232	2,070	2,441	527	1,841	232	954	1,221	3,116	1,895
	1914	125	116	255	2,393	2,764	1,059	2,187	313	1,094	1,450	3,621	2,171
Labels and tags	1909	96	85	482	2,313	2,880	1,589	3,857	541	1,123	1,910	4,670	2,760
	1914	108	62	570	2,660	3,232	2,233	5,697	843	1,459	2,908	6,582	3,676
Lapidary work	1909	77	90	169	627	886	679	4,808	195	889	6,560	9,173	2,613
	1914	89	97	104	534	785	546	3,612	166	641	3,941	5,360	1,419

No. 139.—Summary of Manufactures: By Specified Industries, Calendar Years 1909 and 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.							
								Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Lard, refined, not made in slaughtering and meat-packing establishments.	1909	7	6	110	399	515	723	1,434	108	180	9,631	10,326	695
	1914	6	5	15	19	39	197	124	11	12	102	147	45
Lasts	1909	60	47	254	1,728	2,029	3,386	3,061	412	1,203	1,324	4,159	2,835
	1914	66	46	349	2,094	2,489	5,317	4,481	601	1,511	1,343	4,589	3,246
Lead, bar, pipe, and sheet	1909	33	8	234	802	1,044	3,179	20,587	360	510	7,412	9,145	1,733
	1914	27	4	225	585	814	2,609	5,036	386	407	6,048	7,431	1,383
Leather goods, not elsewhere specified	1909	2,375	2,552	6,066	34,907	43,525	28,148	69,814	6,701	17,921	60,027	104,719	44,692
	1914	3,554	3,794	5,687	31,417	40,898	21,478	76,339	7,003	17,842	59,128	102,715	43,587
Leather, tanned, curried, and finished	1909	919	784	4,114	62,202	67,100	148,140	332,727	6,744	32,103	248,279	327,874	79,595
	1914	741	566	4,278	55,936	60,780	172,712	332,180	7,376	31,914	284,245	367,202	82,956
Lime	1909	853	794	968	13,897	15,659	27,671	32,520	1,080	5,980	6,731	17,952	11,221
	1914	627	500	1,046	12,429	13,975	39,134	34,124	1,290	6,040	7,558	18,391	10,833
Liquors, distilled	1909	613	563	1,335	6,430	8,328	46,120	72,450	1,988	3,074	35,977	204,699	168,722
	1914	434	340	1,687	6,295	8,322	51,971	91,285	3,307	3,994	40,997	206,779	165,782
Liquors, malt	1909	1,414	639	11,507	54,579	66,725	347,726	671,158	22,804	41,206	96,596	374,730	278,134
	1914	1,250	511	12,823	62,070	75,404	405,884	792,914	27,002	53,244	129,724	442,149	312,425
Liquors, vinous	1909	290	236	579	1,911	2,726	6,771	27,908	863	972	6,626	13,121	6,495
	1914	318	302	594	2,292	3,188	9,356	31,516	891	1,194	9,489	16,618	7,129
Locomotives, not made by railroad companies	1909	16	7	2,029	14,909	16,945	35,102	52,060	2,297	8,914	15,060	31,582	16,522
	1914	19	-------	1,656	17,391	19,047	50,373	86,413	2,777	11,085	23,546	43,374	19,828
Looking-glass and picture frames	1909	437	431	1,018	6,021	7,470	5,330	9,058	1,119	3,261	5,525	13,475	7,950
	1914	438	416	875	4,787	6,078	4,210	8,049	1,078	2,850	4,468	11,014	6,546

Lubricating greases	1909	38	13	145	176	334	492	935	155	88	828	1,481	653
	1914	77	28	431	476	935	2,685	3,440	555	282	2,767	4,919	2,152
Lumber and timber products	1909	40,671	48,825	41,145	695,019	784,989	2,840,082	1,176,675	47,428	318,739	508,118	1,156,129	648,011
	1914	34,484	39,208	41,358	618,163	698,729	2,796,902	1,260,075	54,552	322,221	523,613	1,119,348	595,735
Malt	1909	114	52	425	1,760	2,237	26,441	60,286	884	1,348	30,464	38,252	7,788
	1914	97	77	482	1,989	2,548	33,394	46,767	1,304	1,828	39,199	48,133	8,934
Marble and stone work	1909	4,964	6,026	5,646	65,603	77,275	187,686	114,842	6,386	42,546	37,397	113,093	75,696
	1914	4,901	5,673	5,626	54,981	66,280	207,461	118,423	7,052	37,961	37,802	107,055	69,253
Matches	1909	26	46	543	3,631	4,220	6,224	11,953	723	1,390	4,599	11,353	6,754
	1914	20	4	742	3,800	4,546	7,465	11,736	1,053	1,758	5,202	12,556	7,355
Mats and matting, from coco fiber, grass, etc	1909	12	18	85	937	1,040	1,433	4,051	95	385	1,067	2,432	1,365
	1914	12	10	98	869	977	1,643	5,055	97	455	1,170	2,236	1,066
Mattresses and spring beds	1909	930	869	1,918	11,322	14,109	17,689	23,735	2,039	5,771	20,483	35,783	15,300
	1914	1,000	926	2,224	11,747	14,897	21,674	24,922	2,690	6,723	22,399	38,717	16,318
Millinery and lace goods	1909	1,579	1,934	5,166	39,201	46,301	7,918	35,705	5,381	16,308	45,040	85,894	40,854
	1914	2,079	2,335	6,327	45,274	53,936	12,736	53,101	7,349	21,545	57,676	114,160	56,484
Mineral and soda waters	1909	4,916	5,743	3,170	13,147	22,060	19,392	42,305	2,846	6,902	16,466	43,508	27,042
	1914	5,463	6,015	3,895	15,506	25,416	25,164	53,233	4,094	8,864	26,779	58,401	31,622
Minerals and earths, ground	1909	119	53	308	1,990	2,351	20,920	13,226	417	897	2,042	4,681	2,638
	1914	244	110	684	4,707	5,501	44,069	27,439	878	2,485	4,561	10,307	5,746
Mirrors, framed and unframed	1909	148	131	384	2,994	3,509	3,862	4,890	450	1,763	5,905	9,571	3,666
	1914	182	138	472	3,184	3,794	4,673	6,517	662	1,968	6,014	10,189	4,175
Models and patterns, not including paper patterns	1909	709	840	439	4,171	5,450	5,486	5,576	490	2,929	2,876	8,868	5,992
	1914	762	846	633	4,274	5,753	6,149	5,534	745	3,103	2,045	8,605	6,560
Motor cycles, bicycles, and parts	1909	95	78	502	4,437	5,017	5,932	9,780	582	2,908	5,083	10,699	5,616
	1914	78	47	1,026	6,680	7,753	8,753	18,135	1,175	4,739	10,928	22,234	11,306
Mucilage and paste	1909	127	108	255	538	901	2,335	2,717	353	286	3,283	4,918	1,635
	1914	127	104	363	700	1,167	2,456	3,550	448	399	3,338	5,695	2,357
Musical instruments and materials, not specified	1909	187	187	260	1,822	2,269	1,423	3,298	343	992	890	3,228	2,338
	1914	241	234	345	1,831	2,410	1,865	3,858	385	1,161	1,023	3,625	2,602
Musical instruments, pianos and organs and materials	1909	507	297	3,565	38,020	41,882	41,623	103,234	5,552	22,762	43,765	89,790	46,025
	1914	478	221	3,946	37,556	41,723	44,349	130,990	6,483	23,353	41,253	88,948	47,695
Needles, pins, and hooks and eyes	1909	49	27	313	4,638	4,978	4,542	6,705	393	2,064	2,329	6,694	4,365
	1914	49	20	391	5,339	5,750	4,813	9,424	598	2,507	3,242	7,891	4,649

No. 139.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Oakum	1909	6	7	9	113	129	289	342	14	42	232	338	106
	1914	6	6	14	116	136	333	495	19	49	285	359	124
Oil, cottonseed, and cake	1909	817	110	4,092	17,071	21,273	192,342	91,086	4,295	5,835	119,833	147,868	28,035
	1914	882	180	5,057	21,810	27,047	249,781	118,173	5,920	8,490	180,976	212,127	31,151
Oil, essential	1909	68	73	45	290	408	1,218	1,365	61	123	1,255	1,737	482
	1914	105	116	70	249	435	2,309	1,617	105	133	1,565	2,314	749
Oil, linseed	1909	29	9	292	1,452	1,753	13,211	18,932	740	893	31,035	36,739	5,704
	1914	25	10	500	1,488	1,998	15,511	39,873	926	1,127	39,555	44,883	5,328
Oil, not elsewhere specified	1909	193	122	1,323	1,769	3,214	6,157	19,479	1,950	1,092	22,068	31,770	9,702
	1914	181	65	1,444	2,049	3,558	10,984	27,630	2,463	1,363	26,420	38,040	11,620
Oilcloth and linoleum	1909	31	11	345	5,201	5,557	16,125	19,634	649	2,826	15,550	23,339	7,789
	1914	31	7	576	5,651	6,234	22,272	28,041	936	3,213	17,776	25,598	7,822
Oleomargarine	1909	12	1	166	606	773	2,408	3,558	276	413	6,497	8,148	1,651
	1914	17	1	347	917	1,265	3,611	2,994	498	584	10,257	15,080	4,823
Optical goods	1909	217	163	1,248	6,398	7,809	5,725	10,147	1,157	3,394	4,187	11,735	7,548
	1914	314	229	2,163	7,919	10,311	7,792	17,011	2,419	4,649	6,606	18,188	11,582
Paint and varnish	1909	791	456	7,200	14,240	21,896	56,162	103,995	10,378	8,271	79,016	124,889	45,873
	1914	800	391	9,208	16,083	25,682	70,611	129,534	14,139	10,180	88,466	145,624	57,158
Paper and wood pulp	1909	777	250	5,245	75,978	81,473	1,304,265	409,348	9,510	40,305	165,442	267,657	102,215
	1914	718	221	6,838	88,457	95,516	1,621,154	534,625	12,918	53,246	213,181	332,147	118,966
Paper goods, not elsewhere specified	1909	403	228	2,946	19,211	22,385	27,067	48,662	3,701	8,169	31,249	55,171	23,922
	1914	418	188	4,348	21,624	26,160	35,307	58,768	5,649	10,808	41,317	71,703	30,386

Paper patterns	1909	27	22	812	921	1,755	751	4,578	675	407	646	2,611	1,965
	1914	25	18	934	1,073	2,025	362	2,612	756	577	626	3,026	2,400
Patent medicines and compounds and druggists' preparations.	1909	3,642	2,862	15,404	22,895	41,191	25,650	99,942	17,007	9,897	50,376	141,942	91,566
	1914	3,815	2,724	17,629	25,592	45,855	28,872	127,722	22,878	12,710	66,340	167,372	101,032
Paving materials	1909	49	31	281	1,419	1,731	5,757	11,410	373	750	3,478	6,229	2,751
	1914	609	367	1,761	19,540	21,668	138,026	57,432	2,515	11,184	14,163	35,678	21,515
Peanuts, grading, roasting, cleaning, and shelling	1909	46	35	193	1,949	2,177	2,827	3,646	209	351	8,612	9,737	1,125
	1914	61	31	212	2,353	2,595	4,235	3,615	303	569	12,571	14,996	2,425
Pencils, lead	1909	11	4	375	4,134	4,513	3,448	7,867	697	1,712	3,596	7,379	3,783
	1914	14	1	429	4,330	4,760	3,738	10,670	740	1,944	4,564	8,328	3,764
Pens, fountain, stylographic and gold	1909	65	51	544	1,225	1,820	569	3,121	554	712	2,246	4,739	2,493
	1914	67	46	771	1,400	2,217	1,295	3,678	686	892	1,916	7,508	5,592
Pens, steel	1909	5	.....	56	699	755	244	804	86	230	95	577	482
	1914	5	1	62	573	636	244	871	85	243	117	513	396
Petroleum, refining	1909	147	42	2,669	13,929	16,640	90,268	181,916	3,929	9,830	199,273	236,998	37,725
	1914	176	52	5,659	25,366	31,077	128,468	325,646	7,892	19,397	325,265	396,361	71,096
Phonographs and graphophones	1909	18	2	727	5,199	5,928	6,371	14,363	945	2,841	3,099	11,726	8,627
	1914	18	11	1,974	9,381	11,366	11,688	33,771	2,429	6,341	7,048	27,116	20,068
Photographic apparatus and materials	1909	103	59	1,342	5,195	6,596	8,637	18,918	1,462	3,037	6,708	22,561	15,853
	1914	146	85	2,469	8,674	11,228	16,482	36,388	3,161	5,545	11,539	39,042	27,503
Photo-engraving	1909	313	233	1,701	5,343	7,277	2,638	5,474	1,849	4,750	2,134	11,624	9,490
	1914	376	262	2,052	6,211	8,525	3,927	7,703	2,620	6,167	2,798	15,359	12,561
Pipes, tobacco	1909	62	70	245	2,775	3,090	1,506	3,528	283	1,255	2,459	5,312	2,853
	1914	47	43	139	2,354	2,536	1,716	3,232	186	1,188	2,308	4,220	1,912
Printing and publishing	1909	31,445	30,424	99,608	258,434	388,466	297,763	588,346	103,458	164,628	201,775	737,876	536,101
	1914	33,471	31,041	116,180	272,092	419,313	335,210	720,232	137,397	195,510	257,848	901,535	643,687
Pulp goods	1909	14	1	98	783	882	3,125	2,680	124	377	971	1,770	799
	1914	24	5	331	1,654	1,990	8,826	6,862	367	884	2,191	4,483	2,292
Pumps, not including power pumps	1909	102	87	400	2,136	2,623	4,214	6,018	420	1,258	2,487	5,583	3,096
	1914	96	70	453	2,134	2,657	3,488	6,194	582	1,391	2,765	6,350	3,585
Rice, cleaning and polishing	1909	71	38	500	1,239	1,777	19,519	13,347	613	564	19,501	22,371	2,870
	1914	59	48	438	1,253	1,739	15,571	12,627	638	646	20,616	23,039	2,423
Roofing materials	1909	117	46	1,019	2,465	3,530	9,431	15,349	1,381	1,339	12,458	19,204	6,746
	1914	170	74	1,246	4,088	5,408	11,702	23,645	1,978	2,642	17,605	27,978	10,373

No. 139.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

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

Shoddy	1909	88	83	196	2,041	2,320	13,820	6,837	290	997	5,001	7,446	2,445
	1914	64	58	188	2,145	2,391	12,440	6,421	287	1,056	5,300	7,707	2,407
Show cases	1909	149	154	399	3,390	3,943	4,746	5,369	505	2,017	3,140	7,167	4,027
	1914	132	116	303	2,257	2,681	4,145	4,155	436	1,466	2,248	5,233	2,985
Signs and advertising novelties	1909	288	211	1,526	5,540	7,277	3,790	9,647	1,476	3,105	4,709	13,546	8,837
	1914	776	690	2,482	9,566	12,738	7,370	21,288	3,086	5,933	9,059	24,792	15,733
Silk and silk goods, including throwsters	1909	852	664	5,537	99,037	105,238	97,947	152,158	7,527	38,570	107,767	196,912	89,145
	1914	902	591	6,810	108,170	115,571	116,924	210,072	10,507	47,108	144,442	254,011	109,569
Silverware and plated ware	1909	183	114	2,050	16,610	18,774	15,183	46,759	2,745	10,282	18,332	42,229	23,897
	1914	180	97	2,557	15,787	18,441	18,738	50,157	3,507	9,796	16,580	38,271	21,691
Slaughtering and meat packing	1909	1,641	1,659	17,329	89,728	108,716	298,707	383,249	20,054	51,645	1,202,828	1,370,568	167,740
	1914	1,791	1,740	22,171	101,076	124,987	260,996	539,475	28,063	63,743	1,458,954	1,673,979	215,025
Smelting and refining, copper	1909	38	7	1,197	15,628	16,832	158,126	111,443	2,419	13,396	333,532	378,806	45,274
	1914	37	.....	1,863	17,731	19,594	194,980	171,420	3,618	16,149	379,157	444,022	64,865
Smelting and refining, lead	1909	28	.....	635	7,424	8,059	26,954	132,310	1,476	5,431	151,963	167,406	15,443
	1914	22	3	648	7,385	8,036	29,734	143,249	1,495	6,134	154,015	171,579	17,564
Smelting and refining, zinc	1909	29	3	498	6,655	7,156	21,457	27,760	993	4,210	25,230	34,206	8,976
	1914	29	2	708	9,617	10,327	36,705	36,388	1,477	6,700	39,573	53,538	13,965
Smelting and refining, not from the ore	1909	89	73	376	2,147	2,596	10,705	13,834	570	1,281	23,162	28,072	4,910
	1914	84	66	551	2,585	3,202	10,075	21,456	1,055	1,884	31,251	39,902	8,651
Soap	1909	420	329	5,065	12,999	18,393	28,360	71,951	5,506	6,227	72,179	111,358	39,179
	1914	371	252	5,415	14,172	19,839	35,737	92,872	6,692	8,088	88,867	127,942	39,076
Soda-water apparatus	1909	63	40	562	1,797	2,399	2,894	8,589	624	1,239	2,443	6,556	4,113
	1914	67	41	586	2,229	2,856	3,726	10,419	848	1,661	3,883	8,781	4,898
Sporting and athletic goods	1909	180	155	517	5,321	5,993	3,243	6,617	617	2,165	5,565	11,052	5,487
	1914	162	126	590	5,602	6,318	4,356	8,468	716	2,771	6,952	13,235	6,283
Springs, steel, car and carriage	1909	54	24	353	3,196	3,573	7,349	8,784	590	1,853	4,727	9,005	4,278
	1914	84	46	491	3,703	4,240	8,098	11,083	857	2,602	6,143	11,595	5,452
Stationery goods, not elsewhere specified	1909	153	103	1,629	6,206	7,938	6,842	13,508	1,897	2,736	7,744	16,647	8,903
	1914	189	131	2,032	7,728	9,891	5,703	18,186	2,779	4,791	10,763	21,903	11,140
Statuary and art goods	1909	194	275	193	1,699	2,172	462	2,221	225	1,339	680	3,442	2,762
	1914	190	231	219	1,988	2,438	826	3,394	304	1,583	842	3,910	3,068
Steam packing	1909	153	82	1,238	3,648	4,963	11,129	14,126	1,356	1,811	6,650	12,160	5,510
	1914	149	61	1,047	4,213	4,321	17,254	17,708	1,475	2,525	8,176	14,213	6,037

No. 139.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CALENDAR YEARS 1909 AND 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.		Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Stereotyping and electrotyping	1909	174	133	678	2,850	3,661	4,076	3,826	890	2,312	1,765	6,384	4,619
	1914	189	108	890	3,457	4,455	6,983	4,710	1,073	3,001	2,255	8,154	5,899
Stoves and furnaces, including gas and oil stoves	1909	576	244	5,547	37,130	42,921	45,524	86,944	6,975	22,944	29,338	78,853	49,515
	1914	551	284	6,082	37,325	43,691	49,150	95,170	8,762	25,865	33,955	89,390	55,435
Sugar, beet	1909	53	1	1,184	7,204	8,389	57,202	129,629	1,769	4,808	27,265	48,122	20,857
	1914	60	1	1,636	7,997	9,634	76,705	142,181	2,259	6,606	41,399	62,605	21,206
Sugar, cane, including refining [1]	1909	233	204	1,928	13,526	15,658	160,603	153,167	2,392	7,484	247,583	279,249	31,666
	1914	199	180	2,040	14,885	17,105	162,912	173,496	2,993	9,385	280,044	311,034	30,990
Sulphuric, nitric, and mixed acids	1909	42	.....	330	2,252	2,582	6,494	18,726	551	1,495	5,386	9,834	4,498
	1914	32	.....	540	3,064	3,604	24,927	35,234	870	2,213	6,734	15,215	8,481
Surgical appliances and artificial limbs	1909	324	315	1,248	4,241	5,805	5,752	11,045	1,488	2,129	5,372	12,399	7,027
	1914	391	329	1,455	4,770	6,554	6,950	12,886	1,782	2,581	7,413	16,418	9,005
Theatrical scenery	1914	7	.....	37	88	125	65	266	72	89	125	327	202
Tin plate and terneplate	1909	31	4	490	5,352	5,846	8,154	10,995	620	3,315	41,889	47,970	6,081
	1914	31	4	491	5,238	5,733	9,355	26,847	759	3,924	57,907	68,343	10,436
Tin foil	1909	10	8	71	683	762	1,699	2,505	92	304	2,277	3,419	1,142
	1914	14	10	101	1,031	1,142	2,458	3,349	156	527	3,672	5,068	1,396
Tobacco manufactures	1909	15,822	17,634	13,193	166,810	197,637	28,514	245,660	16,779	69,355	177,180	416,695	239,509
	1914	13,951	15,209	16,822	178,872	210,894	38,737	303,840	22,124	77,856	207,134	490,165	283,031
Toys and games	1909	226	185	582	5,305	6,072	5,323	6,541	601	2,227	3,554	8,264	4,710
	1914	290	226	739	7,887	8,902	6,789	10,484	995	3,499	5,779	13,757	7,977

Turpentine and rosin	1909	1,535	2,567	2,445	39,511	44,524	4,129	12,401	1,655	9,363	4,911	25,295	20,384
	1914	1,394	1,621	1,856	34,817	38,294	2,478	20,745	1,434	8,583	5,536	20,990	15,454
Type-founding and printing materials	1909	122	73	493	2,026	2,597	1,948	6,763	560	1,191	1,772	4,703	2,931
	1914	125	66	502	1,477	2,045	2,328	7,287	709	1,006	1,665	4,431	2,766
Typewriters and supplies	1909	89	34	2,489	9,578	12,101	6,845	26,309	2,707	6,221	4,077	19,719	15,642
	1914	107	42	2,720	11,091	13,853	10,887	30,988	3,422	6,966	5,501	24,500	18,999
Umbrellas and canes	1909	256	299	734	5,472	6,505	2,413	9,556	915	2,253	10,056	15,864	5,808
	1914	265	298	740	4,792	5,830	2,579	9,469	1,039	2,167	8,592	13,813	5,221
Upholstering materials	1909	230	214	496	4,067	4,777	17,456	10,297	587	1,689	8,069	13,054	4,985
	1914	179	139	614	4,426	5,179	18,753	15,879	922	2,144	10,796	16,492	5,695
Vault lights and ventilators	1909	37	27	99	327	453	234	607	109	228	538	957	619
	1914	45	26	182	601	809	491	1,054	246	457	959	2,051	1,092
Vinegar and cider	1909	963	1,050	481	1,542	3,073	16,681	10,879	539	723	4,964	8,448	3,484
	1914	618	640	512	1,229	2,381	13,162	8,055	588	712	4,440	7,811	3,371
Wall paper	1909	45	10	699	4,037	4,746	5,680	14,153	1,054	2,039	7,623	14,449	6,826
	1914	48	5	946	4,738	5,689	7,010	17,620	1,518	2,703	8,536	15,887	7,351
Wall plaster	1909	198	60	773	4,791	5,624	25,892	16,885	1,049	2,391	6,007	12,804	6,797
	1914	165	34	1,087	5,389	6,510	36,626	29,511	1,585	3,453	7,993	16,544	8,551
Washing machines and clothes wringers	1909	100	76	383	1,835	2,294	3,351	5,318	466	904	2,837	5,825	2,988
	1914	111	69	515	2,302	2,886	4,903	7,298	700	1,221	4,148	7,600	3,452
Waste	1909	53	41	191	1,897	2,129	4,286	6,125	290	716	8,837	11,398	2,561
	1914	73	59	350	2,966	3,375	8,513	10,668	564	1,191	15,238	17,600	2,362
Wheelbarrows	1909	24	17	94	664	775	1,486	1,510	81	321	715	1,625	910
	1914	21	11	74	323	408	1,198	947	99	199	429	942	513
Whips	1909	57	90	310	1,546	1,946	1,321	3,900	323	704	1,585	3,949	2,364
	1914	40	40	252	1,163	1,455	1,076	3,050	402	559	1,341	3,162	1,821
Windmills	1909	34	18	387	2,337	2,742	3,301	5,636	479	1,403	3,331	6,677	3,346
	1914	31	16	343	1,955	2,314	3,997	6,426	506	1,252	2,555	5,497	2,942
Window shades and fixtures	1909	219	194	646	3,930	4,770	5,737	10,334	807	1,918	12,653	18,571	5,918
	1914	286	268	827	4,077	5,172	6,607	11,526	1,078	2,181	11,889	17,444	5,555
Wire	1909	56	15	1,846	18,084	19,945	71,959	60,157	2,199	10,316	60,543	84,486	23,943
	1914	54	18	2,122	17,600	19,740	83,940	64,014	2,978	11,021	56,424	81,841	25,417

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

No. 139.—Summary of Manufactures: By Specified Industries, Calendar Years 1909 and 1914—Continued.

Industry.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.							
								Expressed in thousands.					
								Dollars.	*Dolls.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Wirework, including wire rope and cable	1909	611	484	2,162	12,348	14,994	20,131	34,970	2,674	6,331	24,394	41,938	17,544
	1914	552	419	2,070	12,126	14,615	21,547	38,509	2,874	6,719	24,114	41,789	17,675
Wood carpet	1909	10	9	28	184	221	269	423	33	138	228	490	262
	1914	6	4	22	166	192	131	147	28	166	308	557	249
Wood distillation, not including turpentine and rosin.	1909	120	56	318	2,721	3,095	9,854	13,017	355	1,463	5,876	9,737	3,861
	1914	95	36	324	2,782	3,142	10,045	17,563	403	1,565	6,496	9,883	3,387
Wood preserving	1909	53	1	471	2,403	2,875	10,647	12,408	517	1,066	9,328	14,099	4,771
	1914	68	3	621	2,830	3,454	11,801	20,155	943	1,785	16,060	21,055	4,995
Wood, turned and carved	1909	1,050	1,097	1,007	14,139	16,243	48,447	18,334	1,045	6,213	9,744	22,199	12,455
	1914	828	810	971	11,615	13,396	43,334	17,836	1,123	5,645	9,166	19,047	9,881
Wool pulling	1909	37	37	91	631	759	1,366	3,248	132	387	4,103	5,181	1,078
	1914	34	31	84	708	823	2,248	3,534	143	452	6,632	8,273	1,641
Wool scouring	1909	28	18	102	1,142	1,262	6,782	3,258	143	558	2,122	3,289	1,167
	1914	24	11	724	1,059	1,194	7,579	3,493	162	617	3,176	4,565	1,389
Woolen, worsted, and felt goods, and wool hats	1909	985	732	5,722	168,722	175,176	362,209	430,579	10,097	72,427	282,878	435,979	153,101
	1914	882	606	6,133	163,976	170,715	398,367	412,545	11,778	78,642	255,783	395,122	139,339
All other industries[1]	1909	24	16	232	602	850	622	19,682	435	402	2,307	4,596	2,289
	1914	8	7	56	357	420	1,027	3,481	330	235	454	1,104	650
Total	1909	268,491	273,265	790,267	6,615,046	7,678,578	18,675,376	18,428,270	938,575	3,427,038	12,142,791	20,672,052	8,529,261
	1914	275,791	264,872	964,217	7,036,337	8,265,426	22,547,574	22,790,980	1,288,917	4,079,332	14,368,089	24,246,435	9,878,346

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

No. 140.—SUMMARY OF MANUFACTURES: BY STATES AND GEOGRAPHIC DIVISIONS, 1904, 1909, AND 1914.

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

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								1,000 dollars.	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*		
Alabama	1904	1,882	1,948	3,763	62,173	67,884	293,185	105,383	3,867	21,878	60,458	109,170	48,712	18.0	51.4
	1909	3,398	3,769	6,055	72,148	81,972	357,837	173,180	6,565	27,284	83,442	145,962	62,520	16.0	33.7
	1914	3,242	3,310	7,026	78,717	89,053	445,762	227,505	8,451	33,897	107,411	178,798	71,387	9.1	22.5
Arizona	1904	169	133	291	4,793	5,217	21,412	14,396	472	3,969	14,595	28,083	13,488	53.3	37.4
	1909	311	261	500	6,441	7,202	39,140	32,873	798	5,505	33,600	50,257	16,657	34.4	79.0
	1914	322	267	849	6,898	8,014	54,697	40,300	1,418	6,229	39,283	64,090	24,807	7.1	27.5
Arkansas	1904	1,907	2,140	2,328	33,089	37,557	109,509	46,306	2,310	14,544	21,799	53,865	32,066	5.0	35.0
	1909	2,925	3,455	3,293	44,982	51,730	173,068	70,174	3,461	19,113	34,935	74,916	39,981	35.9	39.1
	1914	2,604	2,917	3,544	41,979	48,440	177,208	77,162	4,163	20,752	44,907	83,941	39,034	— 6.7	12.0
California	1904	6,839	7,402	12,283	100,355	120,040	210,359	282,647	14,399	64,657	215,726	367,218	151,492	30.0	42.7
	1909	7,659	8,077	18,203	115,296	141,576	329,100	537,134	22,955	84,142	325,238	529,761	204,523	14.9	44.3
	1914	10,057	10,429	26,637	139,481	176,547	491,025	736,105	35,230	105,613	447,475	712,801	265,326	21.0	34.5
Colorado	1904	1,606	1,398	2,677	21,813	25,888	124,907	107,664	3,549	15,100	63,114	100,144	37,030	11.9	12.4
	1909	2,034	1,722	4,326	28,067	34,115	154,615	162,668	5,648	19,912	80,491	130,044	49,553	28.7	29.9
	1914	2,126	1,716	4,721	27,278	33,715	162,828	181,776	6,368	20,200	89,756	136,839	47,083	— 2.8	5.0
Connecticut	1904	3,477	2,918	13,523	181,605	198,046	304,204	373,283	17,040	87,942	191,302	369,082	177,780	13.7	17.1
	1909	4,251	3,468	19,611	210,792	233,871	400,275	517,546	25,637	110,119	257,259	490,272	233,013	16.1	32.8
	1914	4,104	3,123	25,112	226,264	254,499	453,812	620,194	35,511	125,220	288,511	545,472	256,961	7.3	11.3
Delaware	1904	631	641	1,451	18,475	20,567	49,490	50,926	1,629	8,158	24,884	41,160	16,276	—10.2	—.4
	1909	726	722	2,024	21,238	23,984	52,779	60,906	2,322	10,296	30,938	52,840	21,902	15.0	28.4
	1914	808	935	2,543	22,155	25,533	64,403	69,324	3,400	11,382	31,649	56,035	24,386	4.3	6.0
District of Columbia	1904	482	473	1,006	6,299	7,778	12,592	20,200	1,207	3,659	7,732	18,359	10,627	2.3	11.8
	1909	518	475	1,576	7,707	9,758	16,563	30,553	1,846	4,989	10,247	25,289	15,042	22.4	37.7
	1914	514	435	2,011	8,877	11,323	24,775	40,810	2,537	6,069	12,239	28,978	16,739	15.2	14.6
Florida	1904	1,413	1,769	3,125	42,091	46,985	43,413	32,972	2,670	15,767	16,532	50,298	33,766	18.7	47.1
	1909	2,159	2,712	4,625	57,473	64,810	89,816	65,291	4,955	22,982	26,128	72,890	46,762	36.5	44.9
	1914	2,518	2,682	4,914	55,608	63,204	100,071	88,319	5,290	24,822	33,816	81,112	47,296	— 3.3	11.3

No. 140.—SUMMARY OF MANUFACTURES: BY STATES AND GEOGRAPHIC DIVISIONS, 1904, 1909, AND 1914—Continued.

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.		
Georgia	1904	3,219	3,512	6,104	92,749	102,365	220,419	135,211	5,927	27,393	83,625	151,040	67,415	11.3	59.8
	1909	4,792	5,141	8,307	104,588	118,036	298,241	202,778	9,062	34,805	116,970	202,863	85,893	12.8	34.3
	1914	4,639	4,443	9,661	104,461	118,565	357,403	258,326	11,822	38,128	160,089	253,271	93,182	—12.1	24.8
Idaho	1904	364	371	359	3,061	3,791	16,937	9,689	379	2,059	4,069	8,769	4,700	97.2	192.2
	1909	725	831	858	8,220	9,909	42,804	32,477	984	5,498	9,920	22,400	12,480	168.5	155.4
	1914	698	664	946	8,919	10,529	50,326	44,960	1,240	7,491	14,892	28,454	13,562	8.5	27.0
Illinois	1904	14,921	13,990	54,521	379,436	447,947	741,555	975,345	60,560	208,405	840,057	1,410,342	570,285	14.0	25.8
	1909	18,026	17,357	77,923	465,764	561,044	1,013,071	1,548,171	91,449	273,319	1,160,927	1,919,277	758,350	22.8	36.1
	1914	18,388	15,854	95,130	506,943	617,927	1,305,930	1,943,836	128,478	340,910	1,340,183	2,247,323	907,140	8.8	17.1
Indiana	1904	7,044	7,191	14,862	154,174	176,227	380,758	312,071	15,029	72,058	220,507	393,954	173,447	10.9	16.9
	1909	7,909	7,674	23,605	186,984	218,263	633,377	508,717	26,305	95,510	334,375	579,075	244,700	21.3	47.0
	1914	8,022	7,229	28,538	197,503	233,270	709,703	668,863	36,596	119,258	423,857	730,795	306,938	5.6	26.2
Iowa	1904	4,785	4,758	7,122	49,481	61,361	118,065	111,428	5,948	22,997	102,844	160,572	57,728	11.4	20.8
	1909	5,528	5,323	11,402	61,635	78,360	155,384	171,219	10,972	32,542	170,707	259,238	88,531	24.6	61.4
	1914	5,614	7,694	14,097	63,113	84,904	191,094	233,129	16,311	39,860	205,451	310,750	105,299	2.4	19.9
Kansas	1904	2,475	2,766	3,721	35,570	42,057	99,441	88,680	3,693	18,883	156,510	198,245	41,735	31.2	28.7
	1909	3,435	3,571	6,863	44,215	54,649	213,141	156,090	7,351	25,904	258,884	325 104	66,220	24.3	64.0
	1914	3,136	3,247	7,526	41,259	52,032	179,146	163,790	9,013	25,970	261,148	323,234	62,086	— 6.7	— .6
Kentucky	1904	3,734	4,108	5,853	59,794	69,755	174,625	147,282	5,871	24,439	86,545	159,754	73,209	15.6	26.3
	1909	4,776	5,050	8,610	65,400	79,060	230,224	172,779	9,603	27,888	111,779	223,754	111,975	9.4	40.1
	1914	4,184	4,148	9,131	64,586	77,865	238,314	193,423	11,323	31,830	114,829	230,249	115,420	— 1.3	2.9
Louisiana	1904	2,091	1,899	5,977	55,859	63,735	251,963	150,811	6,044	25,316	117,035	186,380	69,345	36.6	67.3
	1909	2,516	2,295	8,103	76,165	86,563	346,652	221,816	9,008	33,386	134,865	223,949	89,084	36.4	20.2
	1914	2,211	1,850	8,499	77,665	88,014	399,743	261,625	11,168	39,544	157,886	255,313	97,427	2.0	14.0
Maine	1904	3,145	3,379	3,772	74,958	82,109	343,627	143,708	3,989	32,692	80,042	144,020	63,978	7.2	27.5
	1909	3,546	3,661	4,860	79,955	88,476	459,599	202,260	5,797	37,632	97,101	176,029	78,928	6.7	22.2
	1914	3,378	3,344	5,265	82,149	90,758	487,211	233,844	7,269	43,254	117,655	200,450	82,795	2.7	13.9
Maryland	1904	3,852	4,505	8,624	94,174	107,303	165,449	201,878	8,844	36,144	150,024	243,376	93,352	(1)	15.3
	1909	4,837	5,376	12,192	107,921	125,489	218,244	251,227	13,617	45,436	199,049	315,669	116,620	14.6	29.7
	1914	4,797	5,005	14,801	111,585	131,391	263,753	293,211	18,009	53,792	238,972	377,749	138,777	3.4	19.7

Massachusetts	1904	10,723	11,258	32,824	488,399	532,481	938,007	965,949	39,054	232,389	626,411	1,124,092	497,681	11.4	23.8
	1909	11,684	11,194	48,646	584,559	644,399	1,175,071	1,279,687	63,279	301,174	830,765	1,490,529	659,764	19.7	32.6
	1914	12,013	10,710	59,234	606,698	676,642	1,396,722	1,548,961	83,715	341,310	931,384	1,641,373	709,989	3.8	10.0
Michigan	1904	7,446	7,732	17,235	175,229	209,196	440,890	337,894	17,470	81,279	230,081	429,120	199,039	12.5	34.2
	1909	9,159	8,905	30,607	231,499	271,071	598,258	583,947	34,870	118,968	368,612	685,109	316,497	32.1	59.7
	1914	8,724	7,725	41,796	271,090	320,611	764,183	369,143	68,273	182,252	592,891	1,086,162	493,361	17.1	58.5
Minnesota	1904	4,756	4,524	9,141	69,636	83,301	220,934	184,903	9,033	35,843	210,554	397,858	97,304	7.9	37.6
	1909	5,561	5,376	14,263	84,767	104,406	297,670	275,416	15,451	47,471	281,622	409,420	127,798	21.7	33.0
	1914	5,974	5,223	17,623	92,834	115,690	358,737	354,434	22,084	58,507	336,849	493,854	156,505	9.5	20.5
Mississippi	1904	1,520	1,588	2,688	38,690	42,966	110,338	50,256	2,598	14,819	25,801	57,451	31,650	44.4	70.4
	1909	2,598	2,974	3,403	50,384	56,761	206,222	72,393	3,654	18,768	36,926	80,555	43,629	30.2	40.2
	1914	2,209	2,386	3,189	46,702	52,277	186,434	81,005	3,831	19,177	41,340	79,550	38,210	7.3	—1.3
Missouri	1904	6,464	6,299	17,119	133,167	156,585	247,861	379,369	19,002	66,644	252,258	439,549	187,291	23.6	39.0
	1909	8,375	8,226	24,486	152,993	185,705	340,457	444,343	28,994	80,843	354,411	574,111	219,700	14.9	30.6
	1914	8,386	7,698	28,386	152,182	188,266	391,325	522,548	37,297	89,187	388,715	637,952	249,237	— .6	11.1
Montana	1904	382	334	905	8,957	10,196	46,736	52,590	1,506	8,652	40,930	66,415	25,485	— 9.1	25.9
	1909	677	659	1,380	11,655	13,694	90,402	44,588	2,054	10,901	49,180	73,272	24,092	30.1	10.3
	1914	939	832	1,827	13,704	16,363	91,671	79,246	2,779	13,001	46,744	84,446	37,702	17.6	5.2
Nebraska	1904	1,819	1,904	3,192	20,260	25,356	46,372	80,235	3,075	11,022	124,052	154,918	30,866	8.5	18.9
	1909	2,500	2,522	5,108	24,336	31,966	64,466	99,901	5,491	13,948	151,081	199,019	47,938	20.1	28.5
	1914	2,492	2,472	6,079	25,144	33,695	90,192	121,008	7,118	16,893	174,114	221,616	47,502	3.3	11.4
Nevada	1904	115	108	106	802	1,016	2,834	2,892	126	694	1,628	3,096	1,468	59.1	145.5
	1909	177	137	256	2,257	2,650	7,765	9,806	378	1,982	8,366	11,887	3,521	181.4	283.9
	1914	180	179	279	3,655	4,113	18,748	13,591	471	3,578	9,317	16,083	6,766	61.9	35.2
New Hampshire	1904	1,618	1,726	2,666	65,366	69,758	218,344	109,495	2,972	27,693	73,216	123,611	50,395	— 3.4	14.9
	1909	1,961	2,014	3,519	78,658	84,191	293,991	139,990	4,191	36,200	98,157	164,581	66,424	20.3	33.1
	1914	1,736	1,646	4,374	78,993	85,013	344,093	156,749	5,381	40,642	114,993	182,844	67,851	.4	11.1
New Jersey	1904	7,010	6,730	23,196	266,336	296,262	436,274	715,060	28,957	128,169	470,449	774,369	303,920	24.5	40.0
	1909	8,817	8,204	36,838	326,223	371,265	612,293	977,172	48,337	169,710	720,034	1,145,529	425,495	22.5	47.9
	1914	9,742	8,342	49,656	373,605	431,003	793,063	1,352,382	69,848	211,136	883,465	1,406,633	523,168	14.5	22.8
New Mexico	1904	199	189	224	3,478	3,891	5,948	4,638	264	2,153	2,236	5,706	3,470	39.7	40.5
	1909	313	238	335	4,143	4,766	15,465	7,743	383	2,591	3,261	7,898	4,637	19.1	38.4
	1914	368	325	493	3,776	4,594	15,668	8,984	577	2,695	4,439	9,320	4,890	— 8.9	18.0
New York	1904	37,194	41,766	98,012	856,947	996,725	1,516,592	2,031,460	111,145	430,015	1,348,603	2,488,346	1,139,743	17.9	32.9
	1909	44,925	47,569	151,991	1,063,981	1,203,241	1,987,662	2,779,497	186,032	557,231	1,856,904	3,369,490	1,512,586	17.2	35.4
	1914	48,263	48,636	182,605	1,057,857	1,239,098	2,356,655	3,334,278	242,729	631,042	2,108,607	3,814,661	1,706,054	5.4	13.2
North Carolina	1904	3,272	3,731	4,672	85,339	93,142	216,622	141,001	3,795	21,375	79,268	142,521	63,253	13.0	67.1
	1909	4,931	5,451	6,529	121,473	133,453	378,556	217,185	6,903	34,355	121,861	216,656	94,795	42.3	52.0
	1914	5,507	5,950	8,541	136,844	151,335	508,035	253,842	10,244	46,038	169,942	289,412	119,470	12.7	33.5
North Dakota	1904	507	494	296	1,755	2,545	9,873	5,704	258	1,082	7,096	10,218	3,122	29.2	63.2
	1909	752	723	636	2,789	4,148	13,196	11,585	629	1,787	13,674	19,137	5,463	58.9	87.3
	1914	699	603	749	3,275	4,627	15,062	14,213	886	2,416	14,484	21,147	6,663	17.4	10.5

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

No. 140.—SUMMARY OF MANUFACTURES: BY STATES AND GEOGRAPHIC DIVISIONS, 1904, 1909, AND 1914—Continued.

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
								1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.	1,000 dollars.		
Ohio	1904	13,785	13,657	39,991	364,298	417,946	1,116,932	856,989	43,435	182,429	527,637	960,812	433,175	18.2	28.3
	1909	15,138	14,719	61,351	446,934	523,004	1,583,155	1,300,733	72,147	245,450	824,202	1,437,936	613,734	22.7	49.7
	1914	15,658	13,624	82,748	510,435	606,807	2,002,780	1,677,552	105,265	318,924	1,020,782	1,782,808	762,026	14.2	24.0
Oklahoma	[1] 1904	1,123	1,187	813	5,456	7,456	29,608	16,124	718	2,799	16,394	24,459	8,065	129.1	200.7
	1909	2,310	2,698	2,193	13,143	18,034	71,139	38,873	2,045	7,240	34,153	53,682	19,529	140.9	119.5
	1914	2,518	2,464	2,793	17,443	22,700	97,308	65,478	3,202	11,011	70,970	102,006	31,036	25.9	90.0
Oregon	1904	1,602	1,726	1,769	18,523	22,018	81,348	44,023	2,133	11,443	30,597	55,525	24,928	28.1	51.7
	1909	2,246	2,499	3,473	28,750	34,722	175,019	89,082	4,047	19,902	50,552	93,005	42,453	55.2	67.5
	1914	2,320	2,189	4,431	28,829	35,449	219,222	139,500	5,683	20,932	63,258	109,762	46,504	.3	18.0
Pennsylvania	1904	23,495	26,029	66,081	763,282	855,392	2,302,398	1,995,837	73,269	367,961	1,142,943	1,955,551	812,608	15.0	18.5
	1909	27,563	29,743	94,885	877,543	1,002,171	2,921,547	2,749,006	110,897	455,627	1,582,560	2,626,742	1,044,182	15.0	34.3
	1914	27,521	28,034	108,050	924,478	1,060,562	3,549,852	3,149,411	144,610	527,953	1,688,921	2,832,349	1,143,428	5.3	7.8
Rhode Island	1904	1,617	1,561	5,420	97,318	104,299	181,017	215,901	7,041	43,113	112,872	202,110	89,238	10.3	22.1
	1909	1,951	1,721	7,382	113,538	122,641	226,740	290,961	10,577	55,234	158,192	280,344	122,152	16.7	38.7
	1914	2,190	1,883	8,801	113,425	124,109	269,854	308,445	13,256	59,366	162,425	279,546	117,121	.1	—.3
South Carolina	1904	1,399	1,241	2,389	59,441	63,071	197,479	113,422	2,355	13,869	49,969	79,376	29,407	26.4	48.8
	1909	1,854	1,737	3,257	73,046	78,040	276,378	173,221	3,756	20,361	66,351	113,236	46,885	22.9	42.7
	1914	1,885	1,815	3,964	71,914	77,693	340,224	203,211	4,878	24,173	91,009	138,891	47,882	1.5	22.7
South Dakota	1904	686	649	441	2,492	3,582	11,154	7,585	294	1,422	8,637	13,086	4,389	12.0	37.3
	1909	1,020	942	682	3,602	5,226	17,666	13,018	616	2,297	11,476	17,870	6,394	44.5	36.6
	1914	898	762	796	3,788	5,346	16,324	15,060	835	2,628	17,079	24,139	7,060	5.2	35.1
Tennessee	1904	3,175	3,805	4,910	60,572	69,287	175,780	102,440	5,081	22,806	79,352	137,961	58,609	31.8	48.7
	1909	4,609	5,415	8,417	73,840	87,672	242,277	167,924	9,186	28,251	104,016	180,217	76,201	21.9	30.6
	1914	4,775	5,142	8,999	74,373	88,514	286,857	211,423	11,829	33,083	123,430	212,071	88,641	.7	17.7
Texas	1904	3,158	3,073	5,753	49,066	57,892	164,637	115,665	6,118	24,469	91,604	150,528	58,924	27.1	62.0
	1909	4,588	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
	1914	5,084	4,787	11,474	74,853	91,114	335,791	283,544	14,358	44,821	253,144	361,279	108,135	6.6	32.4
Utah	1904	606	619	979	8,052	9,650	19,397	26,004	1,039	5,158	24,940	38,927	13,987	48.8	116.5
	1909	749	688	1,660	11,785	14,133	42,947	52,627	1,966	8,400	41,266	61,989	20,723	46.4	59.2
	1914	1,109	999	2,233	13,894	17,126	59,536	71,843	2,844	10,852	62,233	87,112	24,879	17.9	40.5

	1914	[illegible]	[illegible]	[illegible]					4,875	[illegible]	[illegible]	[illegible]			
Virginia	1904	3,187	3,643	4,970	89,285	88,898	176,998	147,989	9,101	38,154	125,583	219,794	94,211	31.6	47.7
	1909	5,685	6,570	8,551	105,676	120,797	233,928	216,392	11,245	44,873	155,320	264,039	108,719	− 2.8	20.1
	1914	5,508	6,125	9,164	102,820	118,109	337,567	261,501							
Washington	1904	2,751	2,602	3,658	45,199	51,459	168,342	96,953	4,093	30,087	66,166	128,822	62,656	43.4	81.9
	1909	3,674	3,264	7,734	69,120	80,118	297,897	222,261	9,827	49,766	117,888	220,746	102,858	52.9	71.4
	1914	3,829	3,155	8,088	67,205	78,448	399,567	277,715	11,504	51,703	136,609	245,326	108,717	− 2.8	11.1
West Virginia	1904	2,109	2,230	2,892	43,758	48,880	138,578	86,821	2,899	21,153	54,419	99,041	44,622	32.3	47.8
	1909	2,586	2,599	4,971	63,893	71,463	217,496	150,922	5,710	33,000	92,878	161,949	69,071	46.0	63.5
	1914	2,749	2,559	5,716	71,078	79,353	278,504	175,995	7,594	43,784	110,033	193,512	83,479	11.2	19.5
Wisconsin	1904	8,558	7,961	14,220	151,391	173,572	440,234	412,647	15,498	71,472	227,255	411,140	183,885	10.1	25.8
	1909	9,721	8,556	22,287	182,583	213,426	554,179	605,657	25,737	93,905	346,356	590,305	243,949	20.6	43.6
	1914	9,104	7,425	20,538	194,310	230,273	682,339	754,287	37,569	112,193	417,415	695,172	277,757	6.4	17.8
Wyoming	1904	169	150	179	1,834	2,163	3,604	2,696	206	1,261	1,301	3,523	2,222	−11.0	7.8
	1909	268	263	263	2,867	3,393	7,628	6,195	311	2,081	2,608	6,249	3,641	56.3	77.4
	1914	337	293	414	2,989	3,696	10,004	29,270	531	2,312	5,559	11,223	5,664	4.3	79.6
Total	1904	216,180	225,673	519,556	5,468,383	6,213,612	13,487,707	12,675,581	574,439	2,610,445	8,500,208	14,793,903	6,293,695	16.0	29.7
	1909	268,491	273,265	790,267	6,615,046	7,678,578	18,675,376	18,428,270	938,575	3,427,038	12,142,791	20,672,052	8,529,261	21.0	39.7
	1914	275,791	264,872	964,217	7,036,337	8,265,426	22,547,574	22,790,980	1,287,917	4,079,332	14,368,089	24,246,435	9,878,346	6.4	17.3
Geographic divisions.[2]															
New England	1904	22,279	22,698	60,258	940,752	1,023,708	2,125,815	1,870,995	72,799	439,050	1,116,273	2,025,999	909,726	10.4	22.0
	1909	25,351	24,171	86,697	1,101,290	1,212,158	2,715,121	2,503,854	112,284	557,631	1,476,297	2,670,065	1,193,768	17.1	31.8
	1914	25,193	22,493	105,512	1,140,233	1,268,238	3,125,629	2,948,040	149,017	628,409	1,657,674	2,926,676	1,269,002	3.5	9.6
Middle Atlantic	1904	67,699	74,525	187,289	1,886,565	2,148,379	4,255,264	4,742,357	213,371	926,145	2,961,995	5,218,266	2,256,271	17.6	28.1
	1909	81,315	85,516	283,414	2,207,747	2,576,677	5,531,502	6,505,675	345,266	1,182,568	4,159,498	7,141,761	2,982,263	17.0	36.9
	1914	85,466	85,012	339,711	2,355,940	2,780,663	6,699,576	7,836,071	457,187	1,370,131	4,680,993	8,053,644	3,372,651	6.7	12.8
East North Central	1904	51,754	50,531	140,829	1,224,528	1,415,888	3,120,369	2,895,446	151,992	615,643	2,045,537	3,605,368	1,559,831	14.1	26.4
	1909	60,013	57,271	215,773	1,513,764	1,786,808	4,382,070	4,547,225	250,568	827,152	3,034,472	5,211,702	2,177,230	23.6	44.6
	1914	59,896	51,857	276,750	1,680,281	2,008,888	5,464,935	5,913,681	376,181	1,073,538	3,795,039	6,542,261	2,747,222	11.0	25.5
West North Central	1904	21,492	21,394	41,032	312,361	374,787	753,700	857,904	41,303	157,843	862,011	1,284,446	422,435	17.4	32.0
	1909	27,171	26,683	63,440	374,337	464,460	1,101,990	1,171,572	69,504	204,792	1,241,855	1,803,899	562,044	19.8	40.4
	1914	27,199	27,709	75,256	381,595	484,560	1,241,940	1,424,181	93,544	235,471	1,397,841	2,032,192	634,351	2.0	12.7
South Atlantic	1904	19,564	21,745	34,633	522,611	578,989	1,221,040	930,420	34,201	175,461	550,102	974,028	423,926	14.0	36.8
	1909	28,088	30,783	52,032	663,015	745,830	1,832,001	1,368,475	57,272	244,378	790,005	1,381,186	591,181	26.9	41.8
	1914	28,925	29,749	61,415	685,342	776,506	2,274,785	1,644,539	75,019	293,063	1,003,068	1,682,999	679,931	3.4	21.9
East South Central	1904	10,311	11,449	17,214	221,229	249,892	753,928	405,361	17,417	83,942	252,156	464,336	212,180	24.8	42.8
	1909	15,381	17,208	26,485	261,772	305,465	1,036,560	586,276	29,008	102,191	336,163	630,488	294,325	18.3	35.8
	1914	14,410	14,986	28,345	264,378	307,709	1,157,367	713,357	35,434	117,987	387,011	706,668	313,657	1.0	11.1

[1] Includes Indian Territory.

[2] For States included in each division, see note 5, p. 34.

No. 140.—Summary of Manufactures: By States and Geographic Divisions, 1904, 1909, and 1914—Continued.

State.	Census year.	Number of establishments.	Persons engaged in industry.				Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	Per cent of increase.	
			Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Total.								Wage earners (average number).	Value of products.
Geographic divisions—Con.[1]								*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*	*1,000 dollars.*		
West South Central	1904	8,279	8,299	14,871	143,470	166,640	555,717	328,906	15,190	67,128	246,832	415,232	168,400	26.5	64.6
	1909	12,339	12,944	23,438	204,520	240,902	873,350	547,739	25,382	97,646	382,131	625,443	243,312	42.6	50.6
	1914	12,417	12,018	26,310	211,940	250,268	1,010,050	687,819	32,891	116,128	526,907	802,538	275,631	3.6	28.3
Mountain	1904	3,610	3,302	5,720	52,790	61,812	241,825	220,569	7,541	39,046	152,813	254,663	101,850	18.6	32.8
	1909	5,254	4,849	9,578	75,435	89,862	400,766	348,977	12,522	56,870	228,692	363,996	135,304	42.9	42.9
	1914	6,079	5,275	11,762	81,113	98,150	433,478	469,971	16,227	66,358	272,215	437,568	165,353	7.5	20.2
Pacific	1904	11,192	11,730	17,710	164,077	193,517	460,049	423,623	20,625	106,187	312,489	551,565	239,076	33.2	51.2
	1909	13,579	13,840	29,410	213,166	256,416	802,016	848,477	36,829	153,810	493,678	843,512	349,834	29.9	52.9
	1914	16,208	15,773	39,156	235,515	290,444	1,109,814	1,153,321	52,417	178,247	647,341	1,067,889	420,548	10.5	26.6

[1] For States included in each division, see note 5, p. 34.

No. 141.—MANUFACTURES: ESTABLISHMENTS CLASSIFIED BY CHARACTER OF OWNERSHIP, AVERAGE NUMBER OF WAGE EARNERS, AND VALUE OF PRODUCTS, BY LEADING CITIES, 1914.

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

City.	Number of establishments owned by—			Average number of wage earners in establishments owned by—			Value of products of establishments owned by—		
	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
							Expressed in thousands.		
							Dollars.	*Dollars.*	*Dollars.*
New York, N. Y.	15,771	6,756	7,094	126,839	312,747	145,663	388,957	1,355,755	548,120
Chicago, Ill.	5,078	3,613	1,424	27,532	265,955	20,223	89,213	1,329,465	64,820
Philadelphia, Pa.	4,969	1,768	1,717	39,215	166,706	45,365	107,016	559,319	118,165
Detroit, Mich.	882	860	294	4,397	91,757	3,449	13,558	376,188	10,602
St. Louis, Mo.	1,288	1,215	284	4,618	78,465	1,975	15,221	339,679	5,580
Cleveland, Ohio	1,005	1,032	308	6,421	91,218	5,678	14,847	318,828	18,743
Boston, Mass.	1,537	1,073	528	10,275	59,222	9,397	27,547	222,159	35,096
Buffalo, N. Y.	1,210	706	309	5,373	45,708	3,335	18,473	215,707	13,336
Pittsburgh, Pa.	825	592	324	4,074	61,238	4,308	12,699	221,999	11,995
Milwaukee, Wis.	901	619	208	3,430	55,628	2,781	19,716	200,990	11,849
Baltimore, Md.	1,535	531	436	9,307	42,135	22,327	26,144	130,979	58,049
Cincinnati, Ohio	935	786	414	6,902	45,679	7,280	20,172	168,157	22,531
Newark, N. J.	1,102	801	372	7,016	48,911	7,157	17,740	167,043	25,818
Minneapolis, Minn.	585	511	253	2,019	24,544	1,732	5,810	175,238	6,806
Jersey City, N. J.	405	254	111	2,693	26,621	1,707	8,051	149,107	7,371
San Francisco, Calif.	1,108	669	557	3,929	23,840	3,989	15,707	118,754	27,839
Kansas City, Kans.	103	66	32	368	12,549	178	1,583	157,466	651
Perth Amboy, N. J.	67	48	13	301	8,790	111	826	147,696	438
Rochester, N. Y.	636	433	175	5,745	34,443	3,925	9,179	117,270	14,248
Indianapolis, Ind.	318	450	118	2,113	27,614	1,244	6,744	128,620	4,336
Akron, Ohio	115	144	46	424	24,141	115	1,250	120,417	625
Providence, R. I.	613	367	227	4,091	36,318	3,767	9,033	96,337	9,965
Toledo, Ohio	290	303	120	1,041	24,632	1,403	3,249	107,234	4,569
South Omaha, Nebr.	33	19	9	94	5,951	18	617	105,163	245
Louisville, Ky.	288	401	89	1,479	22,845	1,606	4,866	96,660	3,697
Los Angeles, Calif.	954	579	378	3,181	18,029	2,534	10,575	84,577	8,306
Bayonne, N. J.	50	53	18	174	9,792	184	585	97,391	258
Youngstown, Ohio	86	82	33	278	15,439	144	772	90,776	563
Bridgeport, Conn.	166	187	52	918	28,848	276	2,631	81,471	1,024
Worcester, Mass.	272	225	109	2,067	24,195	3,190	4,309	69,616	8,404
Paterson, N. J.	337	271	127	3,624	21,571	5,730	7,489	58,798	14,142
Lawrence, Mass.	135	56	30	810	29,003	1,230	2,009	67,589	3,580
Camden, N. J.	178	130	37	1,046	20,517	978	2,373	66,372	3,079
Dayton, Ohio	214	219	90	1,219	21,542	1,300	3,441	64,948	2,682
New Orleans, La.	340	290	103	2,169	13,111	2,068	6,308	53,210	10,295
Lynn, Mass.	199	116	114	3,798	17,047	4,494	11,071	42,585	16,127
St. Paul, Minn.	333	254	150	1,348	15,677	2,458	4,888	55,843	7,051
Yonkers, N. Y.	124	37	25	412	12,123	115	1,657	65,133	433
Omaha, Nebr.	175	174	68	508	8,012	312	2,007	63,449	982
New Bedford, Mass.	124	71	38	509	32,486	348	1,608	62,341	1,626
Peoria, Ill.	125	102	56	565	5,370	350	2,933	60,552	1,204
Fall River, Mass.	181	92	42	651	35,753	430	2,083	61,688	892
Seattle, Wash.	456	391	167	1,315	10,406	708	5,760	55,880	2,835
Richmond, Va.	188	197	81	1,091	15,057	1,134	3,126	54,377	4,988
Kansas City, Mo.	508	369	175	2,489	12,776	987	9,767	46,421	4,765
New Haven, Conn.	253	199	86	1,499	21,319	2,175	3,764	49,090	4,898
Columbus, Ohio	266	268	109	1,232	15,108	896	3,782	50,522	3,304
Cambridge, Mass.	128	146	42	1,068	14,432	1,309	2,984	50,031	4,469
Lowell, Mass.	169	91	40	1,109	28,241	554	2,526	52,285	1,238
Portland, Oreg.	336	325	176	1,077	9,467	729	4,263	48,152	3,282
Trenton, N. J.	208	132	54	1,163	17,936	729	3,132	50,388	1,302
Flint, Mich.	40	34	20	160	8,416	146	373	52,389	613
Passaic, N. J.	99	62	34	764	14,060	2,318	1,412	44,810	7,046
Reading, Pa.	272	120	94	3,641	17,540	2,950	7,327	40,638	5,267
Syracuse, N. Y.	396	230	116	2,406	13,713	1,432	5,639	42,477	4,048

No. 141.—MANUFACTURES: ESTABLISHMENTS CLASSIFIED BY CHARACTER OF OWNERSHIP, AVERAGE NUMBER OF WAGE EARNERS, AND VALUE OF PRODUCTS, BY LEADING CITIES, 1914—Continued.

City.	Number of establishments owned by—			Average number of wage earners in establishments owned by—			Value of products of establishments owned by—		
	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
							Expressed in thousands.		
							Dollars.	*Dollars.*	*Dollars.*
Brockton, Mass	89	92	62	780	13,510	1,956	2,566	41,621	7,082
Johnstown, Pa	62	50	24	263	11,299	615	1,506	47,970	1,498
Manchester, N. H	78	51	22	1,340	24,249	254	3,118	46,930	752
Waterbury, Conn	77	93	20	208	19,893	88	733	49,674	252
Grand Rapids, Mich	267	231	96	1,431	15,207	789	3,871	43,766	2,155
Sioux City, Iowa	80	102	38	318	4,235	200	1,162	47,361	956
Schenectady, N. Y	111	40	34	264	17,263	180	935	47,314	514
Denver, Colo	442	329	114	1,219	9,416	427	4,131	41,166	1,685
Niagara Falls, N. Y	49	83	24	159	9,074	157	538	43,441	838
Springfield, Mass	189	137	69	1,229	11,243	1,768	3,518	36,523	4,388
Holyoke, Mass	104	88	30	470	16,558	465	1,057	41,414	1,570
Somerville, Mass	70	54	20	494	4,500	375	1,525	41,637	809
Canton, Ohio	107	140	29	510	11,545	200	1,141	42,006	566
Racine, Wis	65	95	29	304	9,533	242	1,174	41,368	1,090
Birmingham, Ala	105	192	55	417	10,127	319	1,115	41,108	921
Hartford, Conn	177	143	60	1,123	15,205	749	2,556	37,758	2,517
Haverhill, Mass	212	72	114	2,973	6,003	4,305	9,741	17,980	14,688
Pawtucket, R. I	102	96	37	649	15,090	374	1,535	38,349	2,145
East Chicago, Ind	25	39	15	37	7,401	44	120	41,352	143
Atlanta, Ga	133	219	71	982	10,533	1,070	2,291	36,982	2,006
South Bethlehem, Pa	24	11	8	204	9,893	795	587	38,400	1,192
Troy, N. Y	181	119	64	595	13,823	3,603	1,770	32,445	5,715
Wilmington, Del	160	129	30	911	13,397	740	2,911	33,279	3,213
Memphis, Tenn	148	162	44	597	7,278	514	2,056	34,846	2,231
New Castle, Pa	41	42	12	124	6,184	73	306	37,872	207
Winston-Salem, N. C	18	42	13	256	9,137	241	591	36,167	530
Cedar Rapids, Iowa	65	72	33	241	3,929	224	807	33,198	984
Allentown, Pa	148	77	72	1,574	9,003	3,108	3,450	24,397	6,071
McKeesport, Pa	35	24	14	138	6,660	59	400	33,193	150
Nashville, Tenn	103	158	93	672	6,780	1,121	1,612	26,677	4,987
Evansville, Ind	115	147	35	621	7,885	1,827	2,087	26,518	2,822
Elizabeth, N. J	94	74	16	531	11,927	412	1,081	28,278	1,869
South Bend, Ind	121	99	30	532	11,505	166	1,609	28,989	582
Dallas, Tex	193	138	81	604	4,020	660	1,912	25,704	3,449
Utica, N. Y	152	111	43	676	10,215	1,823	1,845	27,199	1,446
Fort Wayne, Ind	92	89	47	407	10,399	355	1,077	27,345	1,783
Joliet, Ill	75	43	18	215	4,622	102	665	28,939	487
Erie, Pa	191	133	39	862	9,325	829	2,274	24,784	2,389
Lorain, Ohio	28	32	6	40	6,336	60	144	28,905	61
Washington, D. C	268	153	93	2,041	5,965	871	5,081	21,368	2,529
Chicopee, Mass	28	26	8	112	8,254	60	312	28,465	92
Scranton, Pa	155	109	44	783	11,013	783	2,164	24,881	1,677
Oakland, Calif	324	153	96	881	6,410	415	3,070	23,666	1,786
Kenosha, Wis	38	23	14	124	6,981	50	346	27,827	168
Woonsocket, R. I	80	53	24	588	10,217	147	1,263	26,419	433
Wheeling, W. Va	88	88	25	1,035	6,577	308	2,009	25,057	813
Springfield, Ohio	111	91	51	439	7,003	426	1,400	24,688	1,634
Tacoma, Wash	154	129	56	348	6,232	185	1,198	25,910	600
Durham, N. C	25	30	7	88	4,654	22	256	27,279	62
Lansing, Mich	79	75	26	254	5,837	140	1,073	25,111	800
East St. Louis, Ill	52	65	8	276	5,564	23	858	25,971	76
Rockford, Ill	91	143	31	446	9,335	691	1,238	23,409	1,724
Houston, Tex	130	104	42	583	4,431	593	1,883	20,463	3,522
Terre Haute, Ind	70	77	24	228	4,837	205	678	24,254	767
Albany, N. Y	273	114	89	1,063	6,448	1,860	3,172	17,600	4,439

No. 141.—MANUFACTURES: ESTABLISHMENTS CLASSIFIED BY CHARACTER OF OWNERSHIP, AVERAGE NUMBER OF WAGE EARNERS, AND VALUE OF PRODUCTS, BY LEADING CITIES, 1914—Continued.

City.	Number of establishments owned by—			Average number of wage earners in establishments owned by—			Value of products of establishments owned by—		
	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
							Expressed in thousands.		
							Dollars.	*Dollars.*	*Dollars.*
Fitchburg, Mass	65	53	19	853	7,442	542	1,703	19,243	2,977
Des Moines, Iowa	156	166	62	585	4,389	332	2,219	20,496	1,032
Hoboken, N. J	111	95	52	445	8,104	741	1,675	20,158	1,628
Battle Creek, Mich	64	52	19	180	3,523	896	630	13,734	8,884
New Britain, Conn	64	45	11	388	13,905	27	867	22,273	87
Nashua, N. H	35	38	14	507	6,042	233	1,161	19,476	2,143
Altoona, Pa	45	15	10	271	10,312	149	751	21,357	485
Amsterdam, N. Y	53	35	29	248	8,436	2,090	740	16,778	4,957
Pittsfield, Mass	42	29	13	125	6,704	661	452	20,310	1,479
York, Pa	135	66	46	1,362	7,225	2,264	2,704	15,684	3,655
Middletown, Ohio	24	29	10	87	3,883	33	213	21,498	76
Ansonia, Conn	25	13	4	313	3,987	12	779	20,682	39
Ottumwa, Iowa	39	31	18	213	815	1,419	632	3,113	17,555
Chester, Pa	77	53	23	528	5,339	428	1,334	17,912	1,775
Oklahoma City, Okla	86	76	33	202	1,861	163	730	19,462	534
Topeka, Kans	79	42	40	816	3,677	335	2,633	16,111	1,941
Hammond, Ind	32	33	17	66	4,177	38	234	20,172	17
Chattanooga, Tenn	102	132	42	513	6,401	268	1,432	18,303	634
Kalamazoo, Mich	96	84	33	420	4,948	157	1,048	18,785	381
Lancaster, Pa	186	60	58	960	5,790	2,112	2,329	13,658	4,026

No. 142.—COMMERCIAL FAILURES, CALENDAR YEARS 1918, 1919, AND 1920: Percentage to Total Number of Concerns in Business and Aggregate Liabilities, by States and by Geographic Divisions.

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

State.	1918				1919				1920			
	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.	Number of failures.	Number of business concerns.	Per cent of failures.	Liabilities.
				Dollars.				*Dollars.*				*Dollars.*
Alabama	81	20,020	0.40	2,932,856	72	21,001	0.34	1,116,505	93	23,324	0.39	1,486,060
Arizona	33	3,529	.94	419,804	19	3,521	.54	238,224	18	4,005	.45	146,071
Arkansas	99	20,637	.48	772,304	94	20,823	.45	848,324	134	23,469	.57	1,383,484
California	706	64,445	1.10	5,742,054	512	60,554	.85	6,445,532	559	63,688	.88	8,015,832
Colorado	80	14,739	.54	565,364	47	14,879	.32	460,128	36	15,779	.23	624,981
Connecticut	272	23,613	1.15	4,167,709	194	22,880	.85	2,932,462	230	24,249	.95	6,970,424
Delaware	17	4,417	.38	195,085	7	4,521	.15	15,914	24	4,680	.51	279,716
District of Columbia	12	5,688	.21	269,344	17	6,027	.28	787,989	37	6,807	.54	1,280,294
Florida	84	15,687	.54	1,477,905	101	15,112	.67	755,997	121	14,937	.81	2,275,269
Georgia	95	31,966	.20	1,858,458	145	33,328	.44	1,968,021	224	29,551	.76	6,191,507
Idaho	63	6,714	.94	314,480	47	6,518	.72	317,443	70	7,169	.98	2,197,772
Illinois	684	117,459	.58	10,803,006	402	117,970	.34	7,320,251	435	125,775	.35	20,641,742
Indiana	285	48,803	.58	5,428,854	141	47,163	.30	1,587,676	170	50,320	.34	6,427,645
Iowa	211	41,057	.51	1,312,631	76	40,417	.19	1,252,914	123	42,982	.29	4,193,409
Kansas	103	31,683	.33	1,210,068	74	31,112	.24	721,056	119	33,421	.36	1,347,434
Kentucky	126	29,926	.42	700,196	66	29,610	.22	1,034,956	87	31,617	.28	2,620,377
Louisiana	129	18,905	.68	814,551	37	19,031	.19	908,501	36	21,132	.17	583,037
Maine	135	16,567	.81	1,516,696	85	16,211	.52	717,703	74	16,808	.44	1,373,049
Maryland	121	23,450	.52	1,224,497	109	23,478	.46	1,530,175	123	24,488	.50	4,207,297
Massachusetts	739	68,612	1.08	13,010,340	427	70,568	.61	7,402,927	443	75,385	.59	10,970,133
Michigan	354	57,653	.61	5,279,502	151	57,793	.26	1,767,531	207	65,025	.32	8,364,538
Minnesota	215	40,208	.53	1,888,004	72	39,988	.18	653,170	122	41,602	.29	3,189,526
Mississippi	67	15,096	.44	286,075	27	15,618	.17	537,891	76	17,616	.43	1,768,144
Missouri	254	64,553	.39	5,979,076	164	65,117	.25	2,300,856	224	66,831	.34	4,580,849
Montana	95	11,739	.81	880,397	65	10,899	.60	424,558	81	10,543	.77	594,329
Nebraska	63	23,465	.27	793,228	57	23,314	.24	597,507	87	25,177	.35	4,521,510
Nevada	27	2,024	1.33	110,723	11	1,638	.67	29,271	16	1,520	1.05	206,672
New Hampshire	38	8,354	.45	243,919	20	8,768	.23	165,279	36	9,317	.39	252,096
New Jersey	292	65,889	.44	4,203,751	201	64,140	.31	3,256,488	345	68,862	.50	13,657,181
New Mexico	8	4,148	.19	90,334	9	3,620	.25	197,981	6	3,751	.16	99,854

New York	1,502	235,205	.64	41,455,713	967	239,346	.41	29,212,122	1,764	257,187	.69	105,200,020
North Carolina	116	24,770	.47	1,425,541	79	24,408	.29	1,056,337	72	26,888	.27	1,044,597
North Dakota	28	11,528	.24	399,813	3	11,256	.03	76,519	27	11,344	.24	370,220
Ohio	569	99,797	.57	8,247,219	374	99,397	.38	10,883,675	446	105,619	.42	11,140,646
Oklahoma	151	25,928	.58	2,012,724	154	27,127	.57	1,427,593	197	29,578	.67	2,061,911
Oregon	209	13,927	1.44	3,872,376	130	13,549	.96	1,742,827	168	14,972	1.12	2,113,499
Pennsylvania	688	148,826	.46	16,044,998	459	153,880	.30	7,896,989	535	159,143	.34	18,032,674
Rhode Island	124	9,687	1.28	683,456	71	8,772	.81	930,877	81	8,878	.91	339,346
South Carolina	48	13,255	.36	492,046	40	13,563	.29	667,268	44	14,107	.31	948,499
South Dakota	20	11,510	.17	126,085	1	11,304	.01	13,000	11	12,241	.09	379,352
Tennessee	158	23,946	.66	1,996,064	110	24,182	.45	1,564,013	142	27,719	.51	1,879,415
Texas	264	54,200	.49	2,528,783	157	52,833	.30	2,362,802	273	58,846	.47	8,982,687
Utah	85	6,270	1.36	410,313	67	6,083	1.10	723,286	81	6,669	1.21	1,631,577
Vermont	36	6,994	.51	263,240	15	6,754	.22	594,239	19	6,870	.28	429,044
Virginia	113	27,236	.41	1,151,323	88	27,457	.32	1,246,780	219	30,671	.71	5,076,567
Washington	151	21,986	.69	4,326,221	127	22,908	.55	2,881,648	250	26,557	.94	12,261,487
West Virginia	62	18,139	.34	479,026	70	18,634	.38	529,118	77	19,291	.40	899,947
Wisconsin	169	50,837	.33	2,429,773	93	50,712	.18	1,694,404	112	51,853	.22	2,196,740
Wyoming	10	2,884	.35	184,054	6	3,130	.19	34,500	7	3,646	.19	283,345
Total	9,982	1,708,081	.58	163,019,979	6,451	1,710,909	.38	113,291,237	8,881	1,821,409	.49	295,121,805
Geographic divisions.[1]												
New England	1,344	133,837	1.00	19,885,360	812	133,953	.61	12,812,487	883	141,507	.62	20,334,092
Middle Atlantic	2,482	449,920	.55	61,704,462	1,627	457,366	.36	40,365,599	2,644	485,192	.54	136,289,875
South Atlantic	668	164,608	.41	8,573,225	647	166,523	.39	7,957,599	941	171,420	.55	22,203,693
South Central	1,075	208,658	.52	12,043,553	717	210,225	.34	9,800,585	1,038	232,801	.45	20,765,115
Central East	2,061	374,569	.55	32,188,354	1,161	373,035	.61	23,253,597	1,370	398,592	.34	48,771,311
Central West	894	224,014	.40	11,708,905	447	222,508	.20	5,615,022	713	233,598	.31	18,582,300
Western	401	52,097	.77	2,975,469	271	50,288	.54	2,416,341	315	53,082	.59	5,784,601
Pacific	1,057	100,358	1.05	13,940,651	769	97,011	.79	11,070,007	977	105,217	.93	22,390,818

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

No. 143.—FAILURES IN MANUFACTURING, TRADING, ETC., CALENDAR YEAR 1920: By States and by Geographic Divisions.

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

State.	Manufacturing.		Trading.		Other.		Total.		
	No.	Liabilities.	No.	Liabilities.	No.	Liabilities.	No.	Assets.	Liabilities.
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*	*Dollars.*
Alabama	14	425,502	76	991,674	3	68,884	93	858,480	1,486,060
Arizona	1	.....	15	146,071	2	.....	18	104,520	146,071
Arkansas	13	212,736	116	1,137,273	5	33,475	134	766,192	1,383,484
California	195	3,409,296	317	3,201,306	47	1,405,230	559	5,079,780	8,015,832
Colorado	4	42,317	31	407,664	1	175,000	36	329,205	624,981
Connecticut	57	3,438,770	160	1,838,096	13	1,693,558	230	5,163,444	6,970,424
Delaware	4	123,500	15	50,290	5	100,926	24	138,188	279,716
District of Columbia	7	194,132	23	266,303	7	819,859	37	1,131,546	1,280,294
Florida	22	225,700	86	1,221,244	13	828,325	121	2,577,143	2,275,269
Georgia	47	2,111,315	168	2,296,495	9	1,783,697	224	4,915,862	6,191,507
Idaho	8	62,900	57	2,094,752	5	40,120	70	1,401,307	2,197,772
Illinois	158	10,437,400	248	3,060,642	29	7,143,700	435	11,119,390	20,641,742
Indiana	57	2,772,133	101	2,782,186	12	873,326	170	5,179,411	6,427,645
Iowa	40	2,160,864	81	1,332,145	2	700,400	123	2,617,993	4,193,409
Kansas	23	575,205	88	646,295	8	125,934	119	1,113,640	1,347,434
Kentucky	14	1,911,080	67	527,680	6	181,617	87	2,248,807	2,620,377
Louisiana	5	111,937	27	318,900	4	152,200	36	278,250	583,037
Maine	21	408,059	46	920,137	7	44,853	74	939,601	1,373,049
Maryland	36	2,188,961	73	1,772,236	14	246,100	123	3,160,659	4,207,297
Massachusetts	184	5,229,071	207	3,762,408	52	1,978,654	443	4,057,675	10,970,133
Michigan	78	6,669,546	119	1,361,161	10	333,831	207	8,625,757	8,364,538
Minnesota	38	1,954,516	72	880,317	12	354,693	122	1,844,911	3,189,526
Mississippi	5	100,974	68	1,648,940	3	18,230	76	2,000,956	1,768,144
Missouri	57	2,090,251	150	1,765,841	17	724,757	224	2,918,120	4,580,849
Montana	8	50,287	65	490,755	8	53,287	81	382,578	594,329
Nebraska	19	3,486,660	59	921,074	9	113,776	87	4,542,419	4,521,510
Nevada	7	67,300	7	80,800	2	58,572	16	60,996	206,672
New Hampshire	9	78,944	25	169,419	2	3,733	36	126,384	252,096
New Jersey	178	10,283,489	143	2,529,849	24	243,843	345	7,315,975	13,057,181
New Mexico	.....	.....	6	99,854	.....	.....	6	71,630	99,854

New York	656	36,109,119	938	22,498,250	170	46,592,651	1,764	62,889,718	105,200,020
North Carolina	11	187,000	54	788,241	7	69,356	72	789,457	1,044,597
North Dakota	6	67,271	19	256,407	2	46,542	27	199,137	370,220
Ohio	140	6,672,963	273	3,867,116	33	600,567	446	11,587,715	11,140,646
Oklahoma	21	603,408	164	1,406,304	12	52,199	197	1,335,427	2,061,911
Oregon	58	947,617	89	733,681	21	432,201	168	995,962	2,113,499
Pennsylvania	162	9,947,251	331	6,892,319	42	1,193,104	535	11,046,392	18,032,674
Rhode Island	23	152,754	54	177,302	4	9,290	81	169,769	339,346
South Carolina	3	14,374	36	689,537	5	244,588	44	629,210	948,499
South Dakota	2	147,237	7	87,120	2	144,995	11	220,700	379,352
Tennessee	23	911,497	111	804,924	8	162,994	142	1,835,936	1,879,415
Texas	33	4,151,485	223	3,929,754	17	901,448	273	7,656,827	8,982,687
Utah	15	267,568	63	1,344,237	3	19,772	81	1,546,883	1,631,577
Vermont	6	353,639	13	75,405	.....	.....	19	70,533	429,044
Virginia	45	1,953,973	162	2,797,121	12	325,473	219	3,974,309	5,076,567
Washington	78	3,202,652	140	1,674,855	32	7,383,980	250	9,456,040	12,261,487
West Virginia	13	381,963	63	515,484	1	2,500	77	566,728	899,947
Wisconsin	30	1,091,355	71	1,022,638	11	82,747	112	2,285,702	2,196,740
Wyoming	1	1,500	5	275,845	1	6,000	7	176,850	283,345
Total	2,635	127,992,471	5,532	88,558,347	714	78,570,987	8,881	195,504,114	295,121,805
Geographic divisions.[1]									
New England	300	9,661,237	505	6,942,767	78	3,730,088	883	10,527,406	20,334,092
Middle Atlantic	996	56,339,859	1,412	31,920,418	236	48,029,598	2,644	81,252,085	136,289,875
South Atlantic	188	7,385,918	680	10,396,951	73	4,420,824	941	17,883,102	22,203,693
South Central	128	8,428,619	852	10,765,449	58	1,571,047	1,038	16,980,875	20,765,115
Central East	463	27,643,397	812	12,093,743	95	9,034,171	1,370	38,797,975	48,771,311
Central West	185	10,482,004	476	5,889,199	52	2,211,097	713	13,456,920	18,582,300
Western	44	491,872	249	4,939,978	22	352,751	315	4,073,969	5,784,601
Pacific	331	7,559,565	546	5,609,842	100	9,221,411	977	15,531,782	22,390,818

[1] For States included in each division, see note 1, p. 223.

No. 144.—FAILURES IN MANUFACTURING, TRADING, ETC., CALENDAR YEARS 1916 TO 1920, WITH AVERAGES FOR THE LATTER YEAR: By Branches of Business.

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

	Number.					Liabilities.					Average, 1920
	1916	1917	1918	1919	1920	1916	1917	1918	1919	1920	
MANUFACTURERS.						*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Iron, foundries, and nails	41	44	38	23	35	1,519,093	1,347,467	1,209,574	1,520,780	4,083,973	116,684
Machinery and tools	209	218	193	177	248	3,803,781	7,205,325	11,103,534	12,868,454	27,066,318	109,138
Woolens, carpets, and knit goods	20	22	8	6	18	502,428	451,871	78,869	94,001	1,836,218	102,012
Cottons, lace, and hosiery	28	33	26	21	30	1,125,375	1,953,989	2,347,417	1,456,138	1,446,678	48,222
Lumber, carpenters, and coopers	455	517	337	240	207	13,164,602	17,181,812	9,044,451	4,442,536	13,345,872	64,472
Clothing and millinery	565	535	336	174	435	4,938,885	6,130,915	4,066,727	1,721,845	10,551,074	24,255
Hats, gloves, and furs	65	53	34	26	93	1,280,170	1,026,457	415,707	305,150	3,091,431	33,241
Chemicals and drugs	27	54	35	38	45	643,481	1,489,757	1,094,514	1,128,960	3,222,836	71,618
Paints and oils	16	11	15	8	11	514,949	140,646	188,133	169,073	310,416	28,219
Printing and engraving	204	145	146	59	50	1,879,247	1,668,508	2,400,808	824,870	2,509,071	50,181
Milling and bankers	495	305	175	172	282	3,352,367	1,936,730	1,398,853	2,477,628	3,606,130	12,787
Leather, shoes, and harness	103	81	86	53	91	2,256,663	1,495,047	1,922,804	895,417	3,485,696	38,304
Liquors and tobacco	133	101	79	49	61	3,476,121	1,495,028	4,593,935	934,089	1,371,535	22,484
Glass, earthenware, and brick	93	96	77	45	26	6,239,805	4,876,375	3,699,509	1,809,836	1,344,809	51,723
All other	1,742	1,476	1,181	774	1,003	28,252,613	31,143,580	29,816,859	20,965,439	50,720,414	50,568
Total manufacturing	4,196	3,691	2,766	1,865	2,635	72,999,580	79,543,507	73,381,694	51,614,216	127,992,471	48,573
TRADERS.											
General stores	1,391	975	593	425	618	11,542,200	7,662,600	4,509,165	4,412,395	10,143,829	16,413
Groceries, meat, and fish	3,599	3,129	1,969	1,359	1,713	12,929,101	14,206,187	9,296,954	8,256,917	13,058,862	7,623
Hotels and restaurants	650	530	437	324	369	6,268,720	4,441,529	8,728,222	3,158,861	4,175,359	11,315
Liquors and tobacco	936	732	479	214	160	5,253,554	4,587,393	3,253,560	1,522,640	1,858,623	11,616
Clothing and furnishing	1,089	836	645	325	566	8,928,253	5,974,142	5,798,818	2,760,100	7,672,954	13,556
Dry goods and carpets	712	478	296	206	377	11,525,923	6,220,403	5,108,528	3,073,446	8,096,949	21,477
Shoes, rubbers, and trunks	376	229	174	120	162	2,357,730	1,430,960	1,362,692	1,090,104	1,954,013	12,061
Furniture and crockery	287	249	148	78	74	2,647,602	2,773,802	1,417,118	805,037	743,455	10,046
Hardware, stoves, and tools	349	208	152	81	83	4,090,516	2,069,519	1,390,426	1,211,738	1,434,922	17,288
Chemicals and drugs	490	362	280	130	112	2,351,209	2,182,039	2,225,692	789,261	914,705	8,167

Paints and oils	54	63	39	21	16	425,318	904,007	294,081	758,623	324,963	20,310
Jewelry and clocks	293	222	178	73	103	2,790,361	1,787,026	1,644,854	699,733	1,669,599	16,209
Books and papers	99	51	42	21	21	549,430	462,029	400,842	176,337	229,287	10,918
Hats, furs, and gloves	51	37	32	21	135	452,990	516,799	370,121	288,887	7,365,158	54,556
All other	1,547	1,329	1,030	615	1,023	19,230,921	14,898,234	12,109,898	8,666,364	28,915,669	28,265
Total trading	11,923	9,430	6,494	4,013	5,532	91,373,828	70,116,669	57,910,971	37,670,443	88,558,347	16,098
Agents, brokers, etc.	874	734	722	573	714	31,838,848	32,781,195	31,727,314	24,066,578	78,570,987	110,043
Total commercial	16,993	13,855	9,962	6,451	8,881	196,212,236	182,441,571	163,019,979	113,291,237	295,121,805	33,230
Banking	50	42	20	50	119	10,396,779	18,451,964	5,131,887	16,520,862	50,708,300	426,120

NOTE.—Iron, woolens, and cottons include all the branches of those manufactures; machinery includes vehicles, shipbuilding, hardware, fixtures, and implements; lumber includes saw, planing, sash and door mills, and furniture; clothing includes tailors, men's and women's clothing, also furnishings; chemicals include chemical fertilizers; printing includes books and maps; leather and shoes include saddlery and trunks; liquors include wines, brewers, and bottlers; glass includes pottery, lime, cement, quarry and stone; groceries include creamery, teas and coffees; hotels include lodging houses and caterers; dry goods include department stores, curtains and draperies; furniture includes glass and glassware; hardware includes implements and utensils; and jewelry includes watches and optical goods. Brokers include agents, commission men, real-estate agents, insurance, storage, express, harbor lines, etc.

No. 145.—COMMERCIAL FAILURES, QUARTERLY AND ANNUALLY, 1892 TO 1920: NUMBER, AMOUNT OF LIABILITIES, AND AVERAGE LIABILITIES.

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

Calendar year.	First quarter.			Second quarter.			Third quarter.			Fourth quarter.			Total for the year.				
	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Amount of liabilities.	Average liabilities.	Number failures.	Number of business concerns.	Per cent of failures.	Amount of liabilities.	Average liabilities.
		Dollars.	*Dollars.*		*Dollars.*	*Dollars.*		*Dollars.*	*Dollars.*		*Dollars.*	*Dollars.*				*Dollars.*	*Dollars.*
1892	3,384	39,284,349	11,609	2,119	22,989,331	10,844	1,984	18,659,235	9,405	2,867	33,111,252	11,549	10,344	1,172,705	.88	114,044,167	11,025
1893	3,202	47,338,300	14,784	3,199	121,541,239	37,994	4,015	82,469,821	20,540	4,826	95,430,529	19,774	15,242	1,193,113	1.28	346,779,889	22,751
1894	4,304	64,137,333	14,902	2,734	37,595,973	13,751	2,868	29,411,196	10,255	3,979	41,848,354	10,517	13,885	1,114,174	1.25	172,992,856	12,458
1895	3,802	47,813,683	12,577	2,855	41,026,261	14,370	2,792	32,167,179	11,521	3,748	52,188,937	13,924	13,197	1,209,282	1.09	173,196,060	13,124
1896	4,031	57,425,135	14,246	2,995	40,444,547	13,504	3,757	73,285,349	19,507	4,305	54,941,803	12,762	15,088	1,151,579	1.31	226,096,834	14,985
1897	3,932	48,007,911	12,210	2,889	43,684,876	15,121	2,881	25,601,188	8,884	3,649	37,038,096	10,150	13,351	1,058,521	1.26	154,332,071	11,559
1898	3,887	32,946,565	8,936	3,031	34,498,074	11,381	2,540	25,104,778	9,886	2,928	38,113,482	13,017	12,186	1,105,830	1.10	130,662,899	10,722
1899	2,772	27,152,031	9,795	2,081	14,910,902	7,165	2,001	17,640,972	8,816	2,483	31,175,984	12,556	9,337	1,147,595	.81	90,879,889	9,733
1900	2,894	33,022,573	11,411	2,438	41,724,879	17,114	2,519	27,119,996	10,766	2,923	36,628,225	12,531	10,774	1,174,300	.92	138,495,673	12,854
1901	3,335	31,703,486	9,506	2,424	24,101,204	9,943	2,324	24,756,172	10,652	2,919	32,531,514	11,145	11,002	1,219,242	.90	113,092,376	10,279
1902	3,414	33,731,758	9,869	2,747	26,643,098	9,699	2,511	25,032,634	9,969	2,939	32,069,279	10,911	11,615	1,253,172	.93	117,476,769	10,137
1903	3,200	34,344,433	10,732	2,428	32,452,827	13,366	2,548	34,858,595	13,680	3,893	53,788,330	13,824	12,069	1,281,481	.94	155,444,185	12,879
1904	3,344	48,066,721	14,374	2,870	31,424,188	10,949	2,969	32,168,296	10,835	3,016	32,543,106	10,790	12,199	1,320,172	.92	144,202,311	11,820
1905	3,443	30,162,505	8,760	2,767	25,742,080	9,303	2,596	20,329,443	7,061	2,714	26,442,144	9,743	11,520	1,357,455	.85	102,676,172	8,913
1906	3,102	33,761,107	10,883	2,510	28,902,967	11,515	2,300	21,996,163	9,563	2,770	34,541,278	12,470	10,682	1,392,949	.77	119,201,515	11,159
1907	3,136	32,075,591	10,228	2,471	37,493,071	15,173	2,483	46,467,686	18,714	3,635	81,348,877	22,379	11,725	1,418,075	.83	197,385,225	16,834
1908	4,909	75,706,191	15,448	3,800	48,668,642	12,805	3,457	55,302,690	15,997	3,524	42,638,161	12,099	15,690	1,447,554	1.08	222,315,684	14,169
1909	3,850	44,460,950	11,548	2,981	44,080,423	14,787	2,836	29,094,498	10,259	3,257	36,967,594	11,350	12,924	1,486,389	.87	154,603,465	11,963
1910	3,585	73,079,154	20,732	2,863	39,160,152	13,678	3,011	42,177,998	14,008	3,253	47,339,793	14,552	12,652	1,515,143	.83	201,757,097	15,947
1911	3,985	59,651,761	14,969	3,076	44,046,590	14,319	2,880	35,167,269	12,211	3,500	52,196,045	14,913	13,441	1,525,024	.88	191,061,665	14,215
1912	4,828	63,012,323	13,051	3,489	44,999,900	12,898	3,499	45,532,137	13,013	3,636	49,573,031	13,634	15,452	1,564,279	.98	203,117,391	13,145
1913	4,458	76,832,277	17,235	3,705	56,076,784	15,135	3,549	63,837,315	17,987	4,324	75,936,913	17,562	16,037	1,616,517	.99	272,672,288	17,004
1914	4,826	83,221,826	17,265	3,717	101,877,904	27,410	4,298	86,818,291	20,200	5,439	85,990,838	15,810	18,280	1,655,496	1.10	357,908,859	19,579
1915	7,216	105,703,355	14,648	5,524	82,844,200	15,004	4,548	52,876,525	11,626	4,868	60,822,068	12,494	22,156	1,674,486	1.32	302,286,148	13,644
1916	5,387	61,492,746	11,415	4,108	49,748,675	12,110	3,755	43,345,286	11,543	3,743	41,625,549	11,120	16,993	1,707,639	.99	196,212,256	11,547
1917	3,937	52,307,099	13,286	3,551	42,414,257	11,944	3,249	47,228,682	14,536	3,118	40,491,333	12,986	13,855	1,733,225	.80	182,441,371	13,168
1918	3,300	49,780,300	15,085	2,589	38,013,262	14,683	2,180	35,181,462	16,139	1,913	40,044,955	20,933	9,982	1,708,061	.58	163,019,979	16,331
1919	1,904	35,821,052	18,813	1,559	32,889,834	21,096	1,393	20,230,722	14,523	1,595	24,349,629	15,266	6,451	1,710,909	.38	113,291,237	17,561
1920	1,627	29,702,499	182,516	1,728	57,041,377	33,067	2,031	79,833,595	39,308	3,498	128,544,334	36,747	8,881	1,821,409	.49	295,121,805	33,231

No. 146.—OLEOMARGARINE: Production on Which Internal-Revenue Tax was Paid, Years Ended June 30, 1917 to 1920, by States.

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

State.	1917		1918		1919		1920	
	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.	Quantity.	Tax paid.
	Pounds.	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*	*Pounds.*	*Dollars.*
Calif	.....	.....	123,920	497.00	2,171,989	5,429.97	11,399,940	28,499.85
Colo	1,115,550	5,231.25	1,443,050	4,490.00	1,526,550	4,232.70	968,986	9,147.43
Conn	.....	.....	1,111	111.10	.....	.....	2,166,648	5,421.30
Ga	.....	.....	.....	.....	.....	.....	.....	.....
Ill	146,656,041	533,774.30	196,610,328	680,459.37	188,733,866	694,988.08	187,276,640	800,083.16
Ind	1,979,146	12,030.88	1,730,302	9,888.13	1,945,855	12,000.18	1,199,400	9,375.00
Iowa	.....	.....	638	63.80	.....	.....	.....	.....
Kans	13,098,752	95,513.48	18,892,740	153,190.95	20,699,310	184,826.03	21,255,990	299,131.50
Ky	4,157	415.67	.....	.....	.....	.....	.....	.....
La	21	2.10	.....	.....	.....	.....	.....	.....
Md	485,498	7,677.02	1,109,288	13,892.12	1,471,561	23,881.88	2,230,984	65,949.46
Mass	3,625,300	9,063.25	5,685,200	14,213.00	8,122,580	20,306.45	7,287,280	19,458.40
Mich	153,000	382.50	70,000	175.00	1,025,000	2,571.28	2,869,960	7,174.90
Minn	2,452,400	6,131.00	5,709,400	14,273.50	6,676,431	16,691.08	9,150,048	22,875.12
Mo	6,795,890	86,781.54	9,516,094	80,349.40	11,615,258	107,230.32	19,301,395	226,106.65
Nebr	2,657,800	6,644.50	3,472,340	8,690.60	4,228,298	10,574.65	3,753,510	29,811.00
N. J	20,207,340	72,159.84	35,166,534	123,902.22	43,842,008	128,815.45	49,060,917	140,085.78
N. Y	56,904	148.11	3,160,006	7,900.60	6,406,850	16,017.13	14,243,540	35,608.85
Ohio	23,666,099	107,435.42	30,473,358	91,983.27	28,445,409	72,265.00	32,775,594	81,941.91
Oreg	.....	.....	24,000	60.00	1,201,654	3,024.61	1,790,700	4,525.50
Pa	.....	.....	14,451	90.24	.....	.....	.....	.....
R. I	6,836,478	17,101.92	12,473,078	31,183.67	9,440,784	23,618.54	7,613,190	22,512.75
Tenn	.....	.....	.....	.....	.....	.....	.....	.....
Tex	1,572,000	14,187.00	2,799,400	24,743.50	3,025,260	34,449.75	2,070,800	59,075.00
Va	.....	.....	.....	.....	.....	.....	.....	.....
W. Va	.....	.....	.....	.....	.....	.....	.....	.....
Wis	1,280,800	3,202.00	7,699,572	19,248.93	7,397,262	18,493.16	5,054,400	12,636.00
Wyo	.....	.....	170,000	425.00	.....	.....	94,800	237.00
Total	[1]232,643,176	1,027,881.78	[2]336,344,810	1,279,831.40	[3]348,975,925	1,379,416.26	[4]381,564,722	1,879,856.56

[1] Includes 4,577,168 pounds, at 10 cents, and 228,066,008 pounds, at one-fourth of 1 cent per pound.
[2] Includes 4,502,250 pounds, at 10 cents, and 331,842,560 pounds, at one-fourth of 1 cent per pound.
[3] Includes 5,199,758 pounds, at 10 cents, and 343,776,167 pounds, at one-fourth of 1 cent per pound.
[4] Includes 9,494,818 pounds, at 10 cents, and 372,069,904 pounds, at one-fourth of 1 cent per pound.

No. 147.—BEET AND CANE SUGAR AND MOLASSES: Quantities Produced in the United States, 1852 to 1921.

[Sources: Cane sugar in Louisiana, 1903–4 to 1909–10, from Willett & Gray; beginning with 1911–12 from the Department of Agriculture. Cane sugar in "Other States," from Willett & Gray, 1903–4 to 1917–18; later years from the Department of Agriculture. All other figures of cane-sugar and molasses production prior to 1915–16 are those of A. Bouchereau, New Orleans, except that for census years and 1898–99 they are those of the Census Bureau and subsequently are those of the Department of Agriculture. Beet-sugar production for 1897–98 and for 1901–2 and later years from reports of the Department of Agriculture; for other years from Willett & Gray.]

Year ended March—	Cane sugar.			Beet sugar.	Molasses.[1]		
	Louisiana.	Other Southern States.	Total.		Louisiana.	Other Southern States.	Total.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Gallons.*	*Gallons.*	*Gallons.*
1852–1860[2]	313,841,526	17,885,898	331,227,423	.....	20,032,717	1,065,213	21,097,930
1861–1870[2]	126,548,173	5,881,700	132,429,873	[3]896,000	8,048,261	951,954	9,000,215
1871–1880[2]	159,125,435	8,975,100	168,100,535	851,260	11,096,738	1,213,302	12,310,040
1881–1890[2]	267,329,637	14,671,650	282,001,287	2,353,568	14,737,034	3,800,728	18,537,762
1891–1895[2]	527,509,180	13,775,473	541,284,654	27,272,000	21,277,179	6,124,752	27,401,930
1896–1900[2]	547,151,486	10,328,461	557,479,947	95,243,615	20,661,216	6,431,452	27,092,662
1901–1905[2]	661,464,036	20,172,453	681,636,489	388,724,619	26,953,377	7,718,527	34,671,902
1906–1910[2]	707,840,000	[4]27,776,000	735,616,000	879,405,532	24,982,244	6,264,496	31,246,748
1911–1915[2]	471,738,000	16,432,192	488,170,192	1,363,067,200	25,540,900	10,804,632	36,345,535
1915–16	275,000,000	[4]2,240,000	277,240,000	1,748,440,000	15,230,000	(5)	.....
1916–17	607,300,000	[4]14,000,000	621,800,000	1,641,314,000	30,387,000	(5)	.....
1917–18	487,200,000	[4]4,500,160	491,700,160	1,530,414,000	30,728,000	25,622,811	56,350,811
1918–19	561,800,000	[4]7,000,000	568,800,000	1,521,900,000	28,049,000	25,584,000	53,633,000
1919–20[5]	242,000,000	2,250,000	244,250,000	1,452,902,000	12,991,000	34,511,000	47,502,000
1920–21[5]	338,254,000	14,000,000	352,254,000	2,219,200,000	16,856,867	37,233,000	54,089,867

[1] Figures for molasses for 1918–19 for "Other Southern States" relate to sirup only.
[2] Average for the period. [3] 1864 to 1870. [4] Texas only. [5] No data.

No. 148.—HAWAIIAN CANE AND CANE SUGAR: CANE USED FOR SUGAR, AND CANE SUGAR PRODUCED IN THE HAWAIIAN ISLANDS, 1916 TO 1919, AND IN 1920, BY ISLANDS.

[Source: Reports of the Department of Agriculture.]

Year of cane crop and islands.	Sugar made (chiefly raw).	Cane used for sugar.			Average extraction of sugar.		Average time, actual operation.	Total acreage in cane.
		Area harvested.	Average yield per acre.	Production.	Per cent of cane.	Per short ton of cane.		
	Short tons.	*Acres.*	*Short tons.*	*Short tons.*	*Per cent.*	*Lbs.*	*Days.*	*Acres.*
1916	592,763	115,400	42	4,859,000	12.20	244	180	246,300
1917	644,663	123,900	42	5,220,000	12.35	247	190	245,100
1918	576,700	119,800	41	855,000	11.88	238	184	276,800
1919	600,312	119,700	40	4,744,000	12.65	253	178	239,900
1920:								
Island of Hawaii	186,062	50,800	31	1,595,000	11.67	233	168	115,400
Island of Kauai	104,938	21,900	41	897,000	11.70	234	201	42,800
Island of Maui	135,896	19,900	48	947,000	14.35	287	138	44,300
Island of Oahu	128,831	21,500	48	1,034,000	12.46	249	220	45,400
Hawaiian Islands	555,727	114,100	39	4,473,000	12.42	248	175	247,900

No. 149.—SUGAR BEETS AND BEET SUGAR: BEETS AND BEET SUGAR PRODUCED IN THE UNITED STATES, 1903 TO 1918, AND IN 1919, BY STATES.

[Source: Reports of the Department of Agriculture.]

Year of beet crop and State.[1]	Number of factories.	Average length of campaign.	Sugar made (chiefly refined).	Sugar beets used.				Analysis of beets.		Recovery of sucrose.[4]		Loss.[5]
				Area harvested.	Average yield per acre.	Quantity worked.	Average price per ton.	Percentage of sucrose.[2]	Purity coefficient.[3]	Percentage of weight of beets.	Percentage of total sucrose in beets.	
	Number.	*Days.*	*Short tons.*	*Acres.*	*Short tons.*	*Short tons.*	*Dolls.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*
1903	49	75	240,604	242,576	8.56	2,076,494	4.97	15.1	.....	11.59	76.75	3.51
1904	48	78	242,113	197,784	10.47	2,071,539	[6] 4.95	15.3	83.10	11.69	76.41	3.61
1905	52	77	312,921	307,364	8.67	2,665,913	[6] 5.00	15.3	83.00	11.74	76.73	3.56
1906	63	105	483,612	376,074	11.26	4,236,112	[6] 5.10	14.9	82.20	11.42	76.64	3.40
1907	63	89	463,628	370,984	10.16	3,767,871	[6] 5.20	15.8	83.60	12.30	77.85	3.57
1908	62	74	425,884	364,913	9.36	3,414,891	[6] 5.35	15.74	83.50	12.47	79.22	3.28
1909	65	83	512,469	420,262	9.71	4,081,382	.....	16.10	84.10	12.56	78.01	3.54
1910	61	83	510,172	398,029	10.17	4,047,292	.....	16.35	84.35	12.61	77.13	3.74
1911	66	94	599,500	473,877	10.68	5,062,333	5.50	15.89	82.21	11.84	74.51	4.05
1912	73	86	692,556	555,300	9.41	5,224,377	5.82	16.31	84.49	13.26	81.12	3.05
1913	71	85	723,401	580,006	9.76	5,659,462	5.69	15.78	83.22	12.96	82.13	2.82
1914	60	85	722,054	483,400	10.9	5,288,500	5.45	16.38	83.89	13.65	83.33	2.73
1915	67	92	874,220	611,301	10.1	6,150,293	5.67	16.49	84.38	14.21	86.17	2.28
1916	74	80	820,657	665,308	8.90	5,919,673	6.12	16.30	84.74	13.86	85.03	2.44
1917	91	74	765,207	664,797	8.46	5,625,545	7.39	16.28	83.89	13.60	83.54	2.68
1918	89	81	760,950	594,010	9.39	5,577,506	10.00	16.18	84.70	13.64	84.30	2.54
1919.												
California	10	76	131,172	107,174	7.51	804,642	14.17	17.87	82.02	16.30	91.21	1.57
Colorado	15	87	193,890	182,616	9.07	1,656,113	10.85	13.62	83.85	11.71	85.98	1.91
Idaho	6	50	26,159	30,331	6.49	196,847	11.00	15.48	86.15	13.29	85.85	2.19
Michigan[7]	16	84	130,385	123,375	8.36	1,032,018	12.52	14.57	81.78	12.63	86.68	1.94
Nebraska	4	112	60,870	59,113	9.37	554,100	10.90	13.14	82.80	10.99	83.64	2.15
Ohio	5	79	31,864	30,909	9.43	291,583	12.75	14.15	82.73	10.93	77.24	3.22
Utah	18	84	101,025	103,247	8.80	908,122	10.97	13.87	82.39	11.12	80.17	2.75
Wisconsin	4	60	10,636	12,100	8.73	105,578	12.02	13.16	81.73	10.07	76.52	3.09
Other States	11	52	40,450	43,590	7.77	338,554	11.08	14.27	83.14	11.95	83.74	2.32
United States[7]	89	78	726,451	692,455	8.50	5,887,557	11.74	14.48	82.84	12.34	85.22	2.14

[1] Acreage and production of beets are credited, as in former reports, to the States in which the beets were made into sugar.
[2] Based upon weight of beets.
[3] Percentage of sucrose (pure sugar) in the total soluble solids of the beets.
[4] Percentage of sucrose actually extracted by factories.
[5] Percentage of sucrose (based upon weight of beets) remaining in molasses and pulp.
[6] Senate Document No. 22, Sixty-first Congress, first session.
[7] Figures include beets and sugar from 850 acres in Ontario, Canada.

No. 150.—FERMENTED LIQUORS AND DISTILLED SPIRITS PRODUCED, AND DISTILLED-SPIRITS TAX PAID FOR CONSUMPTION: QUANTITIES[1] AND KINDS, 1900 TO 1920.

[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.*
1900	13,411,829	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	25,209,804	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	123,623,402	[4]44,550,127	4,220,400	132,843,802	103,401,447
1903	25,668,555	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.
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax galls.*[1]
1909	70,152,175	1,952,374	2,483,743	221,277	42,563,103	16,078,083	133,450,755
1910	82,463,894	2,253,950	2,985,435	206,534	50,703,846	17,623,867	156,237,526
1911	100,647,155	2,631,059	3,345,371	165,018	24,408,462	[5]44,205,330	175,402,395
1912	98,209,574	2,832,516	3,577,862	131,002	27,629,346	[5]45,869,685	178,249,985
1913	99,615,828	2,750,846	4,014,601	90,294	30,320,894	[5]48,560,920	185,353,383
1914	88,698,797	3,026,085	4,012,542	26,484	31,715,199	[5]47,132,535	174,611,645
1915	44,552,490	2,844,313	3,636,285	33,854	38,325,049	[5]42,742,161	132,134,152
1916	59,240,672	2,986,940	4,118,064	59,246	121,799,942	[5]60,919,058	249,123,922
1917	57,651,834	2,842,922	5,756,667	167,267	145,535,791	[5]65,879,886	277,834,367
1918	17,383,511	1,526,743	4,178,538	23,818	125,134,648	[5]25,229,215	173,476,474
1919	.....	815,793	.....	4,431	90,371,962	7,783,916	98,976,102
1920	234,705	944,917	.....	.....	90,504,807	7,931,363	99,615,792

Year ended June 30—	Production of fermented liquors.	Production of fruit brandy, including apple, peach, and grape.	Total production of distilled spirits.	Distilled spirits other than fruit brandy [tax paid for consumption].
1909	[4]56,364,360	6,440,858	139,891,613	114,693,578
1910	[4]59,544,775	7,656,434	163,893,960	126,384,727
1911	[4]63,283,123	7,953,132	183,355,527	132,053,636
1912	[4]62,176,694	9,321,823	187,571,808	133,259,148
1913	[4]65,324,876	8,252,875	193,606,258	140,289,425
1914	[4]66,189,473	7,307,897	181,919,542	136,269,753
1915	[4]59,808,210	8,521,951	140,656,103	121,498,325
1916	[4]58,633,624	4,150,351	253,283,273	133,025,969
1917	[4]60,817,379	8,251,097	286,085,464	160,740,211
1918	[4]50,266,216	5,357,325	178,833,799	87,787,823
1919	[4]27,712,648	1,802,421	100,778,523	81,598,086
1920	[4]9,231,280	1,649,446	101,265,238	23,723,894

[1] With respect to units of quantity, see explanation of terms, p. XVIII.
[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. 151.—DISTILLED SPIRITS PRODUCED: Quantities, by States, Years Ended June 30, 1915 to 1920.

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

State.	1915	1916	1917	1918	1919	1920
	Tax. galls.[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]	*Tax. galls.*[1]
Alabama and Mississippi	81,891	.....	.....	.....	.....	.....
Arkansas	31,438	178	.....	.....	.....	.....
California and Nevada	14,735,978	11,845,251	17,851,482	14,023,646	9,895,694	6,496,941
Colorado and Wyoming	57	104	260	26	.....	.....
Connecticut	142,853	127,215	132,054	26,451	36,517	.....
Rhode Island	944	237	224	2,845	.....	.....
Florida	142,389	2,715	.....	.....	.....	.....
Hawaii	18,666	13,672	14,015	3,935	.....	.....
Illinois	33,265,472	66,868,865	79,320,617	49,680,080	26,265,840	22,477,959
Indiana	19,073,089	51,108,395	43,361,276	15,830,930	1,150,952	3,263,662
Kentucky	13,941,412	33,254,130	36,441,778	12,608,437	3,957,655	269,626
Louisiana and Mississippi	12,974,076	23,291,661	26,545,833	24,406,539	22,135,265	33,305,220
Maryland and two counties in Virginia	2,602,767	3,327,842	24,965,321	26,746,386	16,078,606	17,392,514
District of Columbia	620,729	1,064,389	608,812	749,517	488,215	.....
Massachusetts	7,910,430	11,609,189	12,511,238	10,873,375	5,973,432	3,280,069
Michigan	1,902,018	2,575,375	819,908	752,745	.....	.....
Missouri	289,881	194,172	289,660	79,527	.....	.....
Montana, Idaho, and Utah	19,191	52,386	244,772	186,248	107,863	.....
Nebraska	1,659,946	2,476,219	2,938,594	.....	.....	.....
New Hampshire, Maine, and Vermont	4,693	.....	.....	.....	.....	.....
New Jersey	95,779	56,158	54,494	51	.....	.....
New Mexico and Arizona	555	296	315	.....	.....	.....
New York	10,717,299	13,802,024	13,856,054	10,544,901	6,956,436	3,407,194
North Carolina	1,114	.....	.....	.....	.....	.....
Ohio	7,487,799	12,448,348	10,114,573	3,314,103	1,263,875	1,356,538
Oregon	.....	.....	.....	.....	.....	.....
Pennsylvania	8,954,580	14,408,130	12,190,764	7,293,914	5,877,817	8,872,274
South Carolina	836,259	1,179,890	1,159,309	943,568	378,227	874,558
Texas	.....	.....	13,905	7,281	.....	.....
Virginia	1,010,556	547,560	122,957	.....	.....	.....
Washington and Alaska	270	392	.....	.....	.....	.....
Wisconsin	2,133,977	2,428,480	2,527,249	759,294	212,146	268,682
Total	140,656,108	253,283,273	286,085,464	178,833,799	100,778,540	101,265,237

[1] See explanatory notes, p. xviii.

No. 152.—FERMENTED LIQUORS PRODUCED: QUANTITIES, BY STATES, YEARS ENDED JUNE 30, 1915 TO 1920.

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

State.	1915	1916	1917	1918	1919	1920
	Barrels.[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]	*Barrels.*[1]
Alabama	35,659	.....	.....	.....	.....	.....
Alaska	5,912	6,590	8,728	3,705	.....	.....
Arizona	8,535	2,510	122	.....	.....	.....
Arkansas	10,827	6,004	.....	.....	.....	.....
California	1,281,951	1,382,589	1,542,876	1,489,880	680,867	500,683
Colorado	326,138	163,544	707	966	780	.....
Connecticut	760,502	909,114	1,019,572	883,898	565,718	68,285
Delaware	125,599	132,530	158,705	146,183	80,475	.....
District of Columbia	169,973	122,285	161,791	47,527	.....	.....
Florida	29,983	28,218	29,468	14,617	3,153	.....
Georgia	110,073	80,387	.....	.....	.....	.....
Hawaii	35,194	40,858	44,781	22,503	70	.....
Idaho	23,796	11,830	.....	.....	.....	.....
Illinois	6,269,757	5,955,231	6,223,097	4,925,066	2,768,973	287,069
Indiana	1,568,028	1,436,099	1,548,615	933,232	386,004	84,718
Iowa	472,764	210,498	.....	.....	.....	.....
Kentucky	763,112	672,417	673,272	550,583	303,982	57,357
Louisiana and Mississippi	*502,811*	*547,014*	*514,361*	*436,227*	*263,738*	*234,452*
Maine	590	104	866	1,803	374	.....
Maryland and two counties in Virginia	1,116,811	1,119,896	1,164,121	1,041,515	522,507	322,577
Massachusetts	2,378,437	2,450,411	2,518,887	2,218,816	1,396,574	428,551
Michigan	1,929,472	2,154,802	2,338,521	1,534,163	65,753	.....
Minnesota	1,643,108	1,511,916	1,539,321	1,068,073	490,612	.....
Missouri	3,567,763	3,344,092	3,434,174	2,880,964	1,265,739	744,287
Montana	241,642	276,567	319,313	271,836	65,497	.....
Nebraska	425,919	412,924	362,354	.....	.....	.....
Nevada	17,558	14,515	14,869	14,625	6,750	.....
New Hampshire	282,027	279,124	268,564	166,115	.....	.....
New Jersey	3,219,685	3,278,613	3,402,420	2,927,442	2,154,474	923,677
New Mexico	9,168	9,850	9,657	6,295	.....	.....
New York	13,180,111	12,732,520	13,198,400	11,325,413	7,597,566	3,177,922
Ohio	4,622,581	4,844,239	5,458,868	4,825,373	1,948,470	26,279
Oklahoma	13	55	187	106	.....	.....
Oregon	181,272	106,260	6,265	.....	.....	.....
Pennsylvania	7,166,300	7,634,211	8,174,457	7,315,640	4,444,025	1,269,597
Rhode Island	*621,977*	*650,775*	*680,558*	*669,255*	501,564	167,411
South Carolina	3,767	812	.....	.....	.....	.....
South Dakota	43,052	43,403	50,636	.....	.....	.....
Tennessee	89,573	48,548	32,999	.....	.....	.....
Texas	661,867	706,910	755,582	550,643	137,622	600
Utah	130,121	139,112	164,126	24,156	.....	.....
Virginia	164,517	153,806	54,182	299	.....	.....
Washington	876,962	468,073	.....	.....	1,530	.....
Wisconsin	4,718,431	4,525,027	4,919,014	3,935,672	2,036,873	937,815
Wyoming	14,872	19,332	22,948	33,565	22,958	.....
Total[2]	59,808,210	58,633,624	60,817,379	50,266,216	27,712,648	9,231,280

[1] Of not more than 31 gallons.
[2] Includes quantities removed from breweries for export free of tax, as follows: 1915, 61,509 barrels; 1916, 69,116 barrels; 1917, 87,870 barrels; 1918, 91,422 barrels; 1919, 74,097 barrels; 1920, 53,816 barrels.

No. 153.—LEAF TOBACCO HELD BY MANUFACTURERS AND DEALERS: QUANTITIES, BY TYPE, ON APR. 1 AND OCT. 1, 1918 TO 1920.[1]

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

Type.	Apr. 1—			Oct. 1—		
	1918	1919	1920	1918	1919	1920
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Imported types	66,869,280	67,798,743	82,076,968	69,908,648	69,163,094	90,476,731
CHEWING, SMOKING, SNUFF, AND EXPORT TYPES.						
Burley	306,636,700	333,912,305	328,135,558	190,137,019	229,890,560	267,789,489
Dark district of Kentucky and Tennessee:						
Dark fired as grown in Clarksville, Hopkinsville, and Paducah districts	144,956,609	219,180,800	206,427,971	1971,06,700	141,978,027	179,252,673
Henderson	25,387,230	26,231,923	17,022,520	22,886,193	7,532,309	6,704,742
Green River	73,620,908	74,781,486	65,617,589	59,950,479	40,469,317	46,540,845
One Sucker	47,316,752	73,833,521	64,318,448	35,901,332	32,519,661	50,686,881
Total	290,681,499	394,027,730	353,386,528	315,854,704	222,499,314	283,185,141
Virginia sun cured	7,427,465	10,479,696	9,238,472	6,320,142	8,592,415	9,678,521
Virginia dark	56,571,083	59,590,593	48,530,911	41,809,710	34,221,054	30,808,505
Bright yellow district of Virginia, North Carolina, and South Carolina	397,511,209	434,517,068	415,332,199	341,500,422	367,976,734	229,703,235
Maryland	15,258,901	17,317,217	16,849,187	19,369,067	21,570,924	18,477,699
Eastern Ohio export	3,742,230	5,574,624	8,040,296	4,984,941	6,643,875	9,134,926
All other domestic, including Louisiana perique	477,746	450,031	309,892	360,968	239,056	421,819
Total chewing, etc.	1,078,306,833	1,255,869,264	1,179,823,043	920,336,973	891,633,932	849,199,335
CIGAR TYPES.						
New England, including Connecticut:						
Broad leaf	26,475,846	24,165,049	27,530,283	23,344,272	24,072,662	27,537,941
Havana seed	34,115,711	31,370,281	33,538,052	26,661,965	23,831,375	28,251,881
Shade grown	6,280,781	6,279,624	8,019,082	4,593,710	5,726,599	5,218,234
Total	66,872,338	61,814,954	69,087,417	54,599,947	53,630,636	61,008,056
New York	3,445,533	3,606,514	3,114,104	2,653,653	2,343,444	2,478,732
Pennsylvania	99,765,758	94,495,845	105,735,946	85,127,130	91,696,358	87,750,309
Ohio	71,821,988	56,281,785	64,602,015	66,713,374	69,304,661	79,762,907
Wisconsin	64,946,784	72,145,234	71,221,213	50,784,419	68,713,252	85,343,630
Georgia and Florida	5,367,167	5,818,344	5,914,210	6,741,091	6,010,057	6,569,036
Porto Rico	7,296,803	9,136,883	8,873,855	7,668,836	11,115,258	8,746,150
All other domestic	476,227	266,310	175,873	349,717	158,378	189,744
Total cigar types	319,992,598	303,565,869	328,724,633	274,638,167	302,972,044	331,848,564
Grand total	1,465,168,711	1,627,233,876	1,590,624,644	1,264,883,788	1,263,769,070	1,271,524,630

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

No. 154.—COTTON SEED AND COTTONSEED PRODUCTS: PRODUCTION AND MANUFACTURE, QUANTITIES AND VALUES, 1895 TO 1919.

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

Year.	Cotton seed—		Cottonseed products.			
				Oil.		
	Produced.	Manufactured.	Total value.	Quantity.	Value.	
					Total.	Per gallon.
	Short tons.	*Short tons.*	*Dollars.*	*Gallons.*	*Dollars.*	*Dollars.*
1895	3,416,000	1,435,000	20,180,000	57,390,000	11,480,000	0.20
1896	4,070,000	1,628,000	26,260,000	65,120,000	11,720,000	.18
1897	5,253,000	2,101,000	26,680,000	84,040,000	12,610,000	.15
1898	5,472,000	2,353,000	27,960,000	94,110,000	13,180,000	.14
1899	4,668,000	2,479,000	42,410,000	93,330,000	21,390,000	.23
1900	4,830,000	2,415,000	48,230,000	96,610,000	26,080,000	.27
1901	4,630,000	3,154,000	62,930,000	118,610,000	33,210,000	.28
1902	5,092,000	3,269,000	71,290,000	122,910,000	40,560,000	.33
1903	4,717,000	3,241,000	73,930,000	121,880,000	39,000,000	.32
1904	6,427,000	3,345,000	69,310,000	133,820,000	31,340,000	.23
1905	5,060,000	3,131,000	64,950,000	125,700,000	26,400,000	.21
1906	5,913,000	3,844,000	94,380,000	153,760,000	43,050,000	.28
1907	4,952,000	2,565,000	65,980,000	103,050,000	33,390,000	.32
1908	5,904,000	3,670,000	86,090,000	146,790,000	44,090,000	.30
1909[1]	4,462,000	3,269,000	105,720,000	131,000,000	55,230,000	.42
1910	5,175,000	4,106,000	142,710,000	167,970,000	80,430,000	.48
1911	6,997,000	4,921,073	131,340,000	201,650,000	66,580,000	.33
1912	6,104,000	4,579,508	132,230,000	185,750,000	69,100,000	.37
1913	6,305,000	4,847,628	159,670,000	193,330,000	81,020,000	.42
1914	7,186,000	5,779,665	152,880,000	229,260,000	80,540,000	.35
1915	4,992,000	4,202,313	180,260,000	167,110,000	87,940,000	.56
1916	5,113,000	4,479,176	287,192,000	187,688,000	153,419,000	.82
1917	5,040,000	4,251,680	360,736,000	174,996,000	217,902,000	.25
1918	5,360,000	4,478,508	383,580,000	176,711,000	227,316,000	1.29
1919	5,074,000	4,012,704	352,138,000	161,529,000	209,668,000	1.30

Year.	Cottonseed products—Continued.								
	Cake and meal.			Hulls.			Linters.		
	Quantity.	Value.		Quantity.	Value.		Quantity.	Value.	
		Total.	Per ton.		Total.	Per ton.		Total.	Per pound.
	Short tons.	*Dollars.*	*Dolls.*	*Short tons.*	*Dollars.*	*Dolls.*	*Bales.*[2]	*Dollars.*	*Cents.*
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	194,436	4,380,000	4.5
1904	1,360,000	27,770,000	20.42	1,213,000	5,590,000	4.61	235,586	4,610,000	3.9
1905	1,272,000	29,250,000	23.00	1,135,000	5,110,000	4.50	219,397	4,190,000	3.8
1906	1,786,000	39,140,000	21.91	1,593,000	8,840,000	5.55	307,518	3,350,000	2.2
1907	1,043,000	23,300,000	22.34	927,000	6,379,000	6.87	256,487	2,920,000	2.3
1908	1,492,000	33,580,000	22.51	1,330,000	6,080,000	4.57	330,277	2,340,000	1.4
1909[1]	1,326,000	35,910,000	27.08	1,189,000	9,810,000	8.25	296,640	4,770,000	3.2
1910	1,792,000	44,660,000	24.92	1,375,000	11,370,000	8.27	379,576	6,250,000	3.3
1911	2,151,000	49,720,000	23.11	1,642,000	9,890,000	6.02	533,098	5,150,000	1.9
1912	1,999,000	45,970,000	23.00	1,540,000	9,710,000	6.30	583,091	7,450,000	2.5
1913	2,220,000	59,810,000	26.94	1,400,000	11,210,000	8.00	660,087	7,630,000	2.3
1914	2,648,000	57,740,000	21.81	1,677,000	8,450,000	5.04	820,274	6,150,000	1.5
1915	1,928,000	53,860,000	28.01	1,220,000	12,340,000	10.11	889,577	26,120,000	2.9
1916	2,225,000	74,586,000	33.52	969,000	13,994,000	14.44	1,273,345	45,193,000	7.1
1917	2,068,000	97,352,000	47.08	996,000	18,878,000	18.95	1,080,802	26,604,000	4.9
1918	2,170,000	116,119,000	53.51	1,137,000	17,917,000	15.76	889,500	22,228,000	5.0
1919	1,817,000	119,039,000	65.51	1,143,000	11,095,000	9.71	584,146	12,336,000	4.2

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

No. 155.—BUILDING OPERATIONS: NUMBER OF PERMITS AND COST OF BUILDINGS, BY PRINCIPAL CITIES, CALENDAR YEARS 1914 TO 1920.

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

City.	1914		1915		1916		1917		1918		1919		1920[1]	
	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.	Permits.	Cost of buildings.
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Akron, Ohio[2]			2,532	6,030,950	4,658	12,824,536	5,039	14,166,818	2,185	4,112,236	6,894	27,219,436	4,621	20,346,605
Atlanta, Ga	3,146	4,564,387	2,752	4,589,214	2,419	3,685,663	2,274	4,967,676	2,044	3,572,086	3,022	10,442,739	2,590	13,121,186
Baltimore, Md	12,058	16,308,299	1,957	9,541,891	10,682	10,647,893	1,424	6,299,643	6,170	5,390,483	5,554	17,574,847	4,159	30,797,940
Boston, Mass	4,247	23,187,282	6,328	29,113,692	9,045	49,201,122	4,679	23,294,161	3,977	7,704,190	6,042	23,520,855	3,633	23,152,818
Bridgeport, Conn.[2]			1,635	8,790,274	2,091	7,064,564	1,491	4,497,983	982	3,040,913	1,464	4,346,909	1,238	5,295,311
Brooklyn, N. Y	11,445	41,872,307	14,515	45,601,851	16,448	42,163,505	12,255	33,590,071	4,824	21,566,382	17,890	77,280,360	12,141	69,370,418
Buffalo, N. Y	3,984	10,709,000	4,809	11,798,000	4,749	13,737,000	4,068	10,501,000	3,457	7,014,000	5,886	13,033,000	4,497	13,141,000
Cambridge, Mass	541	6,300,105	627	3,384,290	667	4,023,115	561	3,146,367	454	2,170,368	754	3,592,534	815	4,604,712
Camden, N. J.[2]			1,346	2,334,000	1,032	3,628,760	794	2,305,483	481	7,727,187	1,236	3,421,270	972	2,781,430
Canton, Ohio[2]			727	2,005,190	1,348	3,869,655	970	2,647,280	917	1,845,067	2,018	6,039,960	1,761	4,487,753
Chester, Pa.[2]			295	772,225	656	3,122,750					560	1,277,432		
Chicago, Ill	9,938	83,261,710	10,340	97,291,400	10,277	112,835,150	4,838	49,167,990	2,529	34,792,200	6,589	104,198,850	3,343	74,082,350
Cincinnati, Ohio	3,600	8,150,000	4,797	13,443,414	15,987	10,842,895	4,262	9,151,925	3,200	4,265,635	4,734	9,058,531	3,118	13,191,442
Cleveland, Ohio	12,790	26,991,050	14,451	32,660,305	14,022	33,108,260	11,952	30,483,750	8,668	16,385,800	12,283	47,707,975	11,532	65,624,550
Columbus, Ohio	2,636	6,885,065	2,836	4,928,425	3,141	7,194,240	2,117	3,915,030	1,824	3,301,220	3,436	6,345,760	2,822	10,257,170
Dallas, Tex.[2]				3,422,512	1,523	4,293,464	814	3,577,849	537	1,668,030	1,594	14,695,608	2,594	14,536,764
Dayton, Ohio[2]	870	2,977,990	1,234	3,534,620									2,241	6,054,344
Denver, Colo	3,721	3,750,460	3,085	2,648,575	2,578	4,014,590	2,357	4,252,000	1,960	2,595,890	3,036	6,779,880	3,390	7,539,940
Des Moines, Iowa[2]			771	1,967,817	855	3,375,945	982	2,640,469	670	4,460,566	1,220	5,266,185	539	4,091,229
Detroit, Mich	7,844	28,207,395	8,966	32,235,540	16,489	51,068,310	12,109	39,666,800	7,010	18,226,832	21,473	82,995,071	16,365	71,765,425
Duluth, Minn.[2]			1,816	2,714,464	1,963	10,223,598	1,460	4,508,665	1,243	2,627,814	2,066	5,453,463	1,968	7,385,064
El Paso, Tex.[2]			1,540	3,612,418	1,654	3,551,909	1,474	3,749,407	1,041	626,121	1,269	2,255,580		
Flint, Mich.[2]			1,743	2,104,879	3,002	4,733,447	1,453	2,454,805	670	945,453	4,772	13,657,424		
Fort Wayne, Ind.[2]			702	2,009,415	823	3,479,531	569	3,329,091	329	913,124	771	2,228,792	898	2,963,777
Fall River, Mass.[2]	590	1,493,235	704	1,824,696										
Grand Rapids, Mich	1,982	3,618,119	1,909	2,684,037	1,748	3,519,245	1,351	1,817,165	858	1,199,985	1,808	3,784,088	2,017	4,445,212
Hartford, Conn	1,025	4,052,076	1,403	5,575,895	1,423	7,383,163	1,082	7,671,616	808	2,978,561	1,552	9,084,340	1,471	17,384,346
Houston, Tex.[2]			4,314	2,425,555	3,449	3,086,871	2,423	2,644,468	2,206	2,270,649	1,432	6,281,306	4,205	8,543,268
Indianapolis, Ind	5,693	7,933,381	6,177	7,083,642	5,746	8,934,694	5,086	7,103,102	4,308	4,558,676	7,454	12,794,556	7,640	15,284,304
Jersey City, N. J	1,171	3,826,174	1,306	5,351,630	1,036	5,005,243	364	2,628,283	684	4,232,693	1,008	4,557,951	817	7,393,049
Kansas City, Kans.[2]	737	1,110,988	748	962,749									480	1,180,285
Kansas City, Mo	3,253	10,204,970	3,517	10,667,405	3,620	11,563,444	3,259	10,128,450	1,910	5,649,645	1,900	9,544,925	3,698	13,720,275
Los Angeles, Calif	9,979	17,361,925	7,845	11,888,662	7,565	15,036,045	6,699	16,932,082	6,381	8,678,862	13,209	28,225,833	24,035	60,023,600
Louisville, Ky	2,306	4,397,310	2,432	4,055,390	2,299	3,853,140	1,267	1,758,060	1,213	2,017,432	2,163	4,140,714	2,493	6,986,260
Lowell, Mass.[2]	633	773,514	732	1,231,310									923	4,980,378

Memphis, Tenn	2,617	2,946,818	2,303	2,730,488	2,439	3,091,970	1,694	2,626,855	643	1,591,078	1,974	7,518,950	2,081	6,715,183
Milwaukee, Wis	3,865	9,882,085	3,882	11,564,325	4,008	13,010,312	14,983	11,270,292	11,043	6,513,096	4,388	20,006,303	6,863	19,680,825
Minneapolis, Minn	6,015	15,214,525	6,831	16,349,940	6,970	22,917,290	4,992	9,258,365	3,695	5,395,740	6,704	17,309,160	6,550	15,992,215
Nashville, Tenn.[2]					6,367	3,657,510	1,615	1,036,676	1,211	534,783	1,962	2,159,873	497	2,177,921
Newark, N. J	2,105	10,061,910	1,218	6,162,052	3,627	10,236,316	2,488	9,395,920	1,696	5,336,033	3,182	20,102,812	2,915	20,566,845
New Bedford, Mass	1,062	3,039,736	1,012	3,126,734	949	4,762,081	384	3,054,161	352	976,714	762	7,005,423	682	6,143,414
New Haven, Conn	1,136	4,380,842	1,524	7,104,947	1,465	5,022,556	1,230	5,642,869	928	3,227,058	1,758	8,910,917	1,369	4,934,333
New Orleans, La	1,635	2,948,751	1,334	2,950,357	1,015	3,117,604	823	2,814,051	542	1,770,930	1,065	5,249,092	1,463	12,598,476
Newton, Mass.[2]			843	3,073,079	989	3,166,948	654	1,756,586	352	469,423	829	3,569,399	650	2,610,568
New York, N. Y.[3]	8,764	74,030,241	7,714	103,023,800	8,135	152,503,104	6,793	52,864,529	4,515	22,904,970	7,850	130,159,172	9,106	161,529,294
Oakland, Calif	3,649	4,717,520	3,352	5,045,290	3,683	5,368,290	2,938	4,442,520	2,948	5,382,160	4,059	7,134,573	4,607	9,494,833
Omaha, Nebr.[2]	1,295	4,610,456	1,351	5,385,005	1,454	7,226,107					1,959	9,022,647	1,361	14,086,965
Peoria, Ill.[2]			640	4,090,645	797	4,643,182	718	4,183,574	532	1,941,163	919	7,050,048	850	1,683,751
Philadelphia, Pa	12,774	34,694,340	13,884	35,010,640	13,708	49,319,225	7,555	33,050,220	5,820	15,340,500	14,509	65,088,750	11,147	55,139,938
Pittsburgh and Allegheny, Pa	3,522	18,194,182	3,916	14,227,020	4,175	13,554,810	3,587	11,318,502	2,571	7,938,350	4,832	14,731,616	3,896	16,017,249
Portland, Oreg	5,959	8,334,075	4,623	4,895,345	4,351	6,272,865	3,377	3,643,410	5,707	6,176,047	8,922	9,840,725	10,196	12,088,705
Providence, R. I	3,589	6,334,900	3,848	7,023,700	3,661	9,248,900	2,881	3,817,800	2,532	4,963,100	3,406	8,077,200		
Reading, Pa.[2]													624	2,450,575
Richmond, Va	1,591	3,391,571	1,710	3,244,752	2,155	4,927,396	1,558	4,118,688	949	1,838,614	2,339	8,770,452	1,732	6,919,278
Rochester, N. Y	3,247	8,733,257	3,391	9,108,333	3,136	9,379,447	2,268	6,739,620	1,361	1,949,551	3,525	9,641,579	3,432	9,960,813
St. Joseph, Mo.[2]	740	625,574	469	942,770									556	1,942,615
St. Louis, Mo	9,418	12,885,398	9,052	11,439,320	8,550	15,444,103	7,491	12,538,532	5,396	6,352,582	7,923	20,538,460	8,873	18,545,798
St. Paul, Minn	3,741	14,718,696	2,688	9,237,458	1,845	8,811,961	2,794	7,266,706	1,977	10,152,709	4,159	19,258,733	3,711	12,276,466
San Francisco, Calif	5,907	28,177,563	6,461	13,990,704	6,492	18,837,173	5,513	15,635,319	3,688	7,924,319	5,363	15,163,242	5,573	26,709,527
Scranton, Pa.[2]	665	1,668,904	784	1,683,592									552	3,021,855
Seattle, Wash	9,104	12,664,970	8,217	6,456,995	8,486	8,304,689	7,736	6,714,315	12,016	10,876,183	12,993	15,575,590	10,146	13,760,090
Sioux City, Iowa[2]			538	2,050,417	591	3,090,305	582	3,328,206	416	3,097,209	1,137	7,028,413	1,314	4,297,220
Springfield, Mass.[2]			1,495	6,066,394	1,695	7,101,032	1,199	3,779,612	787	1,598,423	1,593	5,879,845	1,402	6,670,274
Syracuse, N. Y.[2]	1,855	3,412,184	1,934	4,693,316									2,160	6,883,100
Toledo, Ohio[2]					4,295	9,692,268	3,156	7,264,546	1,529	2,660,161	3,650	7,899,132	3,154	6,798,931
Washington, D. C	3,701	10,415,645	4,428	9,749,301	5,239	17,494,804	3,141	12,507,311	4,362	10,675,632	7,255	20,665,683	5,443	19,521,928
Waterbury, Conn.[2]			748	2,600,350	1,337	4,270,000	1,394	6,562,930	1,251	3,852,620	1,482	4,767,867		
Worcester, Mass	1,587	5,731,469	1,794	4,525,382	1,816	6,164,871	1,705	4,838,840	1,195	2,066,734	2,219	5,925,164	2,089	5,971,446
Youngstown, Ohio[2]			1,108	2,573,555	1,355	3,400,079	1,641	4,542,395	1,726	4,577,984	2,141	6,990,089	1,358	3,425,931
Total	203,732	619,752,354	223,983	700,413,338	240,670	839,705,662	196,363	569,010,839	155,280	344,621,966	269,948	1,058,347,083	249,368	1,115,150,567

[1] Figures are from "Bradstreet's" and cover expenditures for building operations.
[2] Data lacking in years for which no figures are shown.
[3] Data for the boroughs of Manhattan and Bronx only.

No. 156.—MINERAL PRODUCTION: QUANTITIES AND VALUES OF SPECIFIED KINDS, CALENDAR YEARS 1916 TO 1920.

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

Product.	1916		1917		1918		1919[1]		1920[1]	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
METALLIC.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Iron: Ore[2] ..... long tons[3]	77,870,553	181,902,277	75,573,207	238,260,444	72,021,202	244,368,147	56,319,000	203,274,000	69,558,000	290,607,000
Iron: Pig ..... do	39,126,324	663,478,118	38,612,546	1,053,785,975	38,230,440	1,180,759,565	30,128,000	775,046,236	35,683,234	1,137,926,882
Ferroalloys[4] ..... do	589,738	50,281,692	634,021	83,731,724	750,868	115,433,943	399,900	46,995,000	(5)	(5)
Silver, commercial value[6] ..... troy ounces	74,414,802	48,953,000	71,740,362	59,078,160	67,810,139	66,485,129	56,682,445	63,533,652	56,564,504	57,420,325
Gold, coining value[7] ..... do	4,479,056	92,590,300	4,051,440	83,750,700	3,320,784	68,646,700	2,918,628	60,333,400	2,395,017	49,509,400
Copper, sales value[8] ..... pounds	1,927,850,548	474,288,000	1,886,120,721	514,911,000	1,908,533,595	471,408,000	1,286,419,329	239,274,000	1,209,061,040	222,467,000
Lead, (refined)[8] value at New York City,[9] short tons[3]	552,228	76,207,000	548,450	94,333,000	539,905	76,667,000	424,433	44,990,000	476,849	76,296,000
Zinc, sales value[8] ..... short tons[3]	564,338	151,243,000	584,597	119,258,000	492,405	89,618,000	452,272	66,032,000	450,045	72,907,000
Quicksilver, value at San Francisco ..... flasks[10]	29,932	3,768,139	36,159	3,808,266	32,883	3,863,752	21,415	1,933,560	13,070	1,041,156
Aluminum	.....	33,900,000	.....	45,882,000	.....	41,159,000	.....	38,558,000	.....	41,375,000
Antimony[11] ..... short tons[3]	(12)	(12)	5,199	2,152,386	5,183	1,306,116	2,501	410,164	2,785	173,450
Antimonial lead[13] ..... do	24,028	4,483,582	18,646	3,781,560	18,570	2,826,350	13,874	1,513,968	12,535	1,963,255
Bauxite ..... long tons[3]	425,100	2,296,400	568,690	3,119,058	605,721	3,447,992	376,566	2,201,747	521,308	3,247,345
Cadmium ..... pounds	135,212	210,931	207,408	305,097	127,164	188,203	99,939	121,926	129,283	151,261
Chromic iron ore ..... long tons[3]	47,035	726,243	43,725	1,049,400	82,430	3,955,567	5,079	129,302	2,502	44,113
Manganese ore[14] ..... do	31,474	656,278	129,405	4,109,722	305,869	8,240,386	55,322	1,796,863	94,000	2,385,000
Manganiferous ore[14] ..... do	544,326	1,976,630	860,944	3,406,061	1,170,462	5,635,579	433,733	1,552,492	673,000	2,091,000
Titanium ore (rutile) ..... short tons[3]	110	16,500	206	32,960	261	39,150	102	20,400	277	(5)
Tungsten ore (60 per cent concentrates) ..... do	5,923	12,074,000	6,144	6,783,000	5,061	7,049,300	330	357,000	216	77,760
Nickel, value at New York City[15] ..... pounds	1,836,000	671,192	804,000	331,556	882,000	401,000	1,022,000	434,435	698,000	275,120
Tin (metallic equivalent) ..... do	280,000	122,000	220,000	135,600	138,000	118,500	120,000	78,600	40,000	20,100
Platinum, and allied metals value at New York City ..... troy ounces	28,088	2,301,762	38,831	4,023,757	59,753	6,417,980	45,109	5,614,335	41,544	4,697,722
Uranium and vanadium minerals	.....	500,000	.....	617,000	.....	957,000	.....	1,100,000	.....	2,363,500
Total value of metallic products (approximate)	.....	1,620,745,000	.....	2,088,234,000	.....	2,153,318,000	.....	1,351,600,000	.....	1,724,300,000

NONMETALLIC.											
Bituminous coal [16] ..... short tons [3]	502,519,682	665,116,077	551,790,563	1,249,272,837	579,385,820	1,491,809,940	458,063,000	1,170,000,000	556,563,000	1,950,000,000
Pennsylvania anthracite ..... long tons [3]	78,195,083	202,009,561	88,939,117	283,650,723	88,237,575	336,480,347	78,653,751	364,926,950	79,500,000	([17])
Stone ..... short tons [3]	91,831,000	79,069,683	83,574,900	82,215,671	68,563,360	82,700,430	62,925,000	93,500,000	68,500,000	120,500,000
Petroleum ..... barrels [18]	360,767,158	330,899,868	335,315,601	522,625,213	355,927,716	703,943,961	377,719,000	775,000,000	443,402,000	1,360,000,000
Natural gas ..... M cubic feet	753,170,253	120,227,468	795,110,376	142,089,334	721,000,959	153,553,560	735,000,000	162,000,000	([17])	([17])
Natural-gas gasoline ..... gallons	103,492,689	14,331,148	217,884,104	40,188,956	282,535,550	50,363,535	340,647,000	63,608,900	([17])	([17])
Peat ..... short tons [3]	52,506	369,104	97,363	709,900	107,261	1,047,243	69,197	705,532	73,204	921,732
Clay: Products	.....	200,890,835	.....	232,512,773	.....	221,884,651	.....	260,790,000	.....	364,220,000
Clay: Raw [3] ..... short tons [3]	2,932,590	5,751,774	3,113,844	8,042,546	2,976,361	8,332,641	2,363,000	7,077,000	3,159,000	12,094,000
Cement ..... barrels [19]	95,394,433	104,689,090	91,342,930	123,210,458	71,348,474	113,554,854	86,141,488	147,318,398	96,944,000	194,513,000
Coke [2] ..... short tons [3]	54,533,585	170,841,197	55,606,828	298,243,017	56,478,372	382,324,368	44,793,542	([20])	51,888,000	([2], [20])
Lime ..... do	4,073,433	18,509,305	3,786,364	23,807,877	3,206,016	26,808,909	3,071,423	27,643,000	3,350,000	33,321,000
Sand-lime brick ..... thousands	227,344	1,474,073	187,546	1,420,330	98,399	883,929	146,947	1,705,163	162,289	2,364,470
Slate	.....	5,338,837	.....	5,749,966	.....	[21] 4,038,770	.....	6,030,648	.....	8,726,442
Mineral waters ..... gallons sold	55,928,461	5,735,035	46,784,419	4,931,710	40,709,722	4,533,001	38,607,280	4,880,186	40,000,000	5,000,000
Phosphate rock ..... long tons [3]	1,982,385	5,896,993	2,584,287	7,771,084	2,490,760	8,214,463	2,271,983	11,591,268	4,103,982	25,079,572
Potash (K_2O) ..... short tons [3]	9,720	4,242,730	32,573	13,980,577	38,580	15,839,618	45,728	11,271,269	41,444	7,463,026
Salt ..... barrels [22]	45,449,329	13,645,947	49,844,121	19,940,442	51,705,314	26,940,361	49,163,586	27,074,694	49,751,343	30,539,168
Gypsum ..... short tons [3]	2,757,730	7,959,082	2,696,226	11,116,452	2,057,015	11,470,854	2,420,163	15,727,907	3,130,305	24,542,512
Borates ..... do	103,525	2,409,459	108,875	3,609,632	88,794	2,263,230	66,146	1,380,000	120,320	2,173,000
Arsenious oxide ..... do	5,986	555,187	6,151	1,118,313	[23] 6,323	[23] 1,213,000	[23] 6,029	[23] 1,181,684	11,502	2,021,356

[1] Many of the figures for 1919 and 1920 are preliminary and some of them are estimated. Totals for this column represent the sum of the values here shown with the addition of certain estimates for values not yet available. See following notes.

[2] Values *not* included in total values.

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

[4] Ferroalloys include ferromanganese, spiegeleisen, ferrosilicon, ferrophosphorus, ferrocarbontitanium, ferrocerium, ferrochrome, ferromolybdenum, ferrotitanium, ferrotungsten, ferrouranium, ferrovanadium, and ferrozirconium.

[5] Figures not available. Estimate of value included in total value of metallic products.

[6] Average price per troy ounce in 1916, 65.8 cents; in 1917, 82.4 cents; in 1918, 98 cents; in 1919, $1.12; in 1920, $1.02.

[7] Coining value, $20.671834625323 per ounce.

[8] The product from domestic ores only.

[9] After 1916, sales value.

[10] Of 75 avoirdupois pounds net.

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

[12] Figures not available. Estimate of value, other than that entering into antimonial lead, included under "Unspecified."

[13] From both domestic and foreign ores.

[14] Manganese ore containing 35 per cent or more of manganese, manganiferous ore containing 5 to 35 per cent of manganese.

[15] By-product in electrolytic copper refining, 1916–1918; also from Missouri mixed ores in 1919 and 1920.

[16] Including brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania. The value of bituminous coal in 1919 and 1920 is an estimate based on average value (representing about 25 per cent of the total production of bituminous coal for 9 months) reported by the National Coal Association to the Committee on Manufactures of the United States Senate which considered the Calder Bill.

[17] Figures not available. Estimate of value included in total value of nonmetallic products.

[18] Of 42 gallons.

[19] Of 376 pounds net.

[20] Figures not available.

[21] Exclusive of value of slate granules included under "Unspecified."

[22] Of 280 pounds net.

[23] In addition to the arsenious oxide (white arsenic), metallic arsenic was produced in 1918 and 1919. The value of this is included under "Unspecified."

No. 156.—MINERAL PRODUCTION: QUANTITIES AND VALUES OF SPECIFIED KINDS, CALENDAR YEARS 1915 TO 1919—Continued.

Product.	1916		1917		1918		1919[1]		1920[1]	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
NONMETALLIC—continued.										
		Dollars.		*Dollars.*		*Dollars.*		*Dollars.*		*Dollars.*
Mineral paints, zinc and lead pigments[2] short tons[3]	135,606	23,515,803	140,636	26,972,137	135,746	26,464,590	155,648	25,810,671	(4)	(4)
Grindstones and pulpstones short tons[3]	.....	766,140	.....	1,147,784	65,339	1,776,282	46,865	1,336,015	53,484	1,707,004
Asphalt do	786,811	7,102,132	783,413	8,508,115	587,609	8,216,012	702,973	9,410,361	886,500	13,219,000
Talc and soapstone[5] do	119,725	1,292,293	144,177	1,411,416	137,140	1,778,919	184,843	2,352,675	222,724	3,052,038
Fibrous talc do	93,236	961,510	74,671	881,462	71,167	902,100				
Gems and precious stones	.....	217,793	.....	131,012	.....	106,523	.....	111,763	.....	107,500
Pyrite long tons[3]	439,132	2,038,002	482,662	2,593,035	464,494	2,644,515	420,647	2,558,172	275,000	1,450,000
Emery (also corundum, 1917 and 1918) short tons[3]	15,282	123,901	17,135	241,050	10,422	112,878	2,601	23,203	2,327	21,685
Oilstones, etc short tons[3]	.....	154,573	1,816	168,704	1,010	189,033	1,463	235,943	1,144	231,747
Garnet (abrasive) do	6,171	208,850	4,995	198,327	4,696	248,161	4,944	310,131	5,476	434,425
Mica: sheet pounds	865,863	524,485	1,276,533	753,874	1,644,200	731,810	1,545,709	483,567	(4)	(4)
Mica: scrap short tons[3]	4,433	69,906	3,429	52,908	2,292	33,130	3,258	58,084	(4)	(4)
Barytes (crude) do	221,952	1,011,232	206,888	1,171,184	155,368	1,044,905	189,647	1,555,793	207,700	1,946,800
Bromine pounds	728,520	951,932	895,499	492,703	1,727,156	970,099	1,854,971	1,234,969	1,160,584	745,381
Calcium-magnesium chloride short tons[3]	27,709	224,997	30,503	451,480	26,624	503,452	26,123	321,596	58,604	2,045,851
Fluorspar do	155,735	922,654	218,828	2,287,722	263,817	5,465,481	138,290	3,525,574	186,000	4,544,000
Feldspar do	132,681	702,278	141,924	728,838	99,120	674,346	71,054	585,200	(4)	(4)
Silica (quartz) do	88,514	242,786	142,673	318,069	71,740	259,330	63,332	373,571	22,000	233,000
Thorium minerals (monazite) pounds	37,872	3,400	22,000	1,760	.....	.....	(6)	(6)	(7)	(7)
Graphite: crystalline do	10,931,989	914,748	10,584,080	1,094,398	12,861,839	1,454,799	8,086,191	731,141	9,632,360	576,444
Graphite: amorphous short tons[3]	2,622	20,723	8,301	73,481	6,560	69,455	3,379	47,716	4,694	49,758
Sulphur long tons[3]	766,835	12,246,000	1,120,378	23,987,000	1,266,709	27,868,000	678,257	10,252,000	1,517,625	30,000,000
Sulphuric acid (60° Baumé) from copper and zinc smelters short tons[3]	[8]1,162,391	14,099,927	[8]1,455,257	16,890,545	(8)	(8)	(8)	(8)	(8)	(8)
Fuller's earth do	67,822	706,951	72,567	772,087	84,468	1,146,354	106,145	1,998,829	128,488	2,506,189

Diatomaceous (infusorial) earth and tripoli, short tons[3]	[9] 45,978	[9] 241,553	[9] 29,102	369,556	[9] 22,947	[9] 224,801	66,934	444,461	83,000	832,000
Pumice ..... short tons[3]	33,320	82,263	35,293	84,814	30,637	91,178	36,051	116,835	41,841	114,433
Millstones		44,559		43,489		92,514		66,972		61,676
Magnesite (crude) ..... short tons[3]	154,974	1,393,693	316,838	2,899,818	231,605	1,812,601	156,226	1,248,415	303,767	2,748,150
Asbestos ..... do	1,479	448,214	1,683	506,056	1,002	124,687	1,353	243,700	1,710	1,154,000
Sand: Glass ..... do	2,018,317	1,957,797	1,942,675	2,685,014	2,172,887	4,209,728	1,827,409	3,593,371	2,144,000	4,722,000
Sand: Molding, building, etc., and gravel, short tons[3]	87,073,415	27,852,198	74,476,650	32,611,918	59,651,539	33,717,351	68,748,998	42,358,185	75,743,000	57,972,000
Total value of nonmetallic mineral products (approximate)		1,884,413,000		2,900,462,000		3,380,478,000		3,257,900,000		4,977,500,000
Total value of metallic products (approximate)		1,620,745,000		2,086,234,000		2,153,318,000		1,351,600,000		1,724,300,000
Value of mineral products unspecified (partly estimated)		3,281,000		5,800,000		6,700,000		3,500,000		5,200,000
Grand total (approximate)		3,508,439,000		4,992,496,000		5,540,496,000		4,613,000,000		6,707,000,000

[1] Many of the figures for 1919 and 1920 are preliminary and some of them are estimated. Totals for this column represent the sum of the values here shown, with the addition of certain estimates for values not available. See other notes.

[2] Zinc and lead pigments: Sublimed blue lead, sublimed white lead, leaded zinc oxide, zinc oxide, and zinc lead.

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

[4] Figures not available. Estimate of value included in total value of nonmetallic products.

[5] Exclusive of fibrous talc, shown below.

[6] Value included under "Unspecified."

[7] Figures not yet available.

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

[9] Exclusive of considerable production 1916–1918 for special uses, which is included under "Unspecified."

No. 157.—GOLD AND SILVER PRODUCTION FROM MINES IN THE UNITED STATES: 1792 TO 1913.[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	4,634,800
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	1,831,787	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	57,639,000
1892	1,597,098	33,015,000	63,500,000	55,662,500
1893	1,732,323	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	53,092,000	58,834,800	39,654,600
1897	2,774,935	57,363,000	53,860,000	32,316,000
1898	3,118,398	64,463,000	54,438,000	32,118,400
1899	3,437,210	71,053,400	54,764,500	32,858,700
1900	3,829,897	79,171,000	57,647,000	35,741,100
1901	3,805,560	78,666,700	55,214,000	33,128,400
1902	3,870,000	80,000,000	55,500,000	29,415,000
1903	3,560,000	73,591,700	54,300,000	29,322,000
1904	3,892,480	80,464,700	57,682,800	33,456,024
1905	4,265,742	88,180,700	56,101,600	34,221,976
1906	4,565,333	94,373,800	56,517,900	38,256,400
1907	4,374,827	90,435,700	56,514,700	37,299,700
1908	4,574,340	94,560,000	52,440,800	28,050,600
1909	4,821,700	99,673,400	54,721,500	28,455,200
1910	4,657,017	96,269,100	57,137,900	30,854,500
1911	4,687,053	96,890,000	60,399,400	32,615,700
1912	4,520,719	93,451,500	63,766,800	39,197,400
1913	4,271,562	88,301,023	67,601,111	40,864,871

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

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

No. 158.—ESTIMATED VALUE OF THE PRODUCT OF GOLD AND SILVER, CALENDAR YEARS 1914 TO 1920: BY STATES.

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

GOLD.

State.	1914	1915	1916	1917	1918	1919	1920 [1]
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
Alaska	16,547,200	16,710,000	16,124,800	14,671,400	9,424,700	9,963,500	7,856,000
Arizona	4,568,900	4,555,900	4,092,800	5,180,600	5,583,000	4,609,100	4,943,000
California	21,251,900	22,547,400	21,980,400	20,929,400	16,784,400	17,398,200	14,305,300
Colorado	19,902,400	22,530,800	19,185,000	15,974,500	12,724,700	10,249,300	7,613,400
Georgia	16,800	34,800	20,400	6,500	4,500	700	1,100
Idaho	1,187,200	1,170,600	1,058,300	754,800	701,400	704,600	465,300
Montana	4,143,600	4,978,300	4,328,400	3,673,200	3,280,700	2,416,900	1,839,200
Nevada	11,536,200	11,883,700	9,064,700	6,932,500	6,700,440	4,659,100	3,554,900
New Mexico	1,219,100	1,460,100	1,350,000	1,085,400	687,080	585,400	463,400
North Carolina	130,300	170,700	23,000	10,800	4,400	100	1,100
Oregon	1,589,400	1,867,100	1,901,500	1,687,300	1,265,700	1,096,200	965,100
South Carolina	3,200	3,600	300	1,700	.....	100	300
South Dakota	7,354,000	7,403,500	7,471,700	7,372,900	6,699,400	5,289,700	4,201,400
Texas	8,800	1,800	500	100	20	400	100
Utah	3,377,000	3,907,900	3,859,000	3,522,100	3,153,000	2,266,900	2,076,400
Washington	587,800	461,600	580,600	488,200	338,800	236,400	148,800
Wyoming	6,700	13,000	20,200	8,700	900	300	200
Philippine Islands	1,099,300	1,320,900	1,514,200	1,446,100	1,290,000	850,000	1,066,000
Other	22,000	13,100	14,500	9,500	8,560	6,500	8,400
Total value	94,531,800	101,035,700	92,590,300	83,750,700	68,646,700	60,333,400	49,509,400
Total fine ounces (troy)	4,572,976	4,887,604	4,479,057	4,051,440	3,320,784	2,918,628	2,395,017

SILVER (COMMERCIAL VALUE).

Alaska	478,800	526,100	833,000	994,100	787,057	773,570	804,745
Arizona	2,455,000	2,826,500	4,394,600	5,733,400	6,697,978	6,392,222	6,190,518
California	1,117,500	843,100	1,274,200	1,735,200	1,404,815	1,293,051	1,536,394
Colorado	4,868,800	3,591,900	4,967,900	6,004,500	6,765,435	6,687,790	5,656,718
Idaho	6,953,300	6,506,800	7,611,500	9,390,000	9,212,411	6,650,207	7,645,201
Michigan	229,800	290,300	499,300	563,400	506,206	477,054	518,326
Montana	6,932,800	7,195,600	9,240,100	11,986,100	16,058,232	16,826,790	13,788,677
Nevada	8,780,100	7,210,500	9,000,600	9,237,700	9,737,898	7,896,972	7,504,540
New Mexico	979,500	1,165,900	1,138,000	1,264,700	758,545	954,781	776,154
North Carolina	800	700	1,100	500	98	21	11
Oregon	81,500	62,600	146,000	141,800	126,626	265,220	185,320
South Dakota	99,400	98,600	138,200	156,800	158,082	136,822	85,627
Texas	317,800	361,500	437,000	484,200	567,841	604,690	532,143
Utah	6,482,300	6,522,200	8,911,000	11,002,700	13,228,911	14,058,650	11,739,121
Washington	188,700	106,700	193,700	219,100	294,138	289,487	186,213
Wyoming	100	1,400	2,200	2,800	1,230	336	73
Philippine Islands	81,500	7,600	11,600	10,500	12,746	17,614	22,249
Other	62,600	79,300	153,000	150,600	166,880	208,375	248,295
Total commercial value	40,067,700	37,397,300	48,953,000	59,078,100	66,485,129	63,533,652	57,420,325
Total fine ounces (troy)	72,455,100	74,961,075	74,414,802	71,740,362	67,810,139	56,682,445	56,564,504

[1] Preliminary figures.

No. 159.—ANTHRACITE AND BITUMINOUS COAL PRODUCTION: QUANTITIES, CENSUS YEAR ENDED MAY 31, 1880, AND IN CALENDAR YEARS 1890, 1900, 1910, AND 1913 TO 1920, BY STATES.

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

State.	1880	1890	1900	1910	1913	1914	1915	1916	1917	1918	1919	1920[1]
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[2]	.....	.....	87,861	80,960	62,286	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	25,580,189	41,489,858	51,221,353	75,433,246	81,718,680	81,090,631	79,459,876	78,195,083	88,939,117	88,237,575	78,653,751	79,553,571
Total anthracite	25,580,189	41,489,858	51,309,214	75,514,206	81,780,966	81,090,631	79,459,876	78,195,083	88,939,117	88,237,575	78,653,751	79,553,571
BITUMINOUS.												
Alabama	289,261	3,652,151	7,494,888	14,385,234	15,784,395	13,922,698	13,328,515	16,148,390	17,917,923	17,129,430	13,598,214	14,910,714
Arkansas	13,195	357,043	1,292,808	1,701,748	1,994,738	1,639,768	1,475,095	1,781,174	1,913,910	1,988,722	1,500,000	2,062,500
California[3]	211,562	98,849	154,382	10,861	24,028	12,477	12,413	18,135	53,909	73,220	(4)	(4)
Colorado	413,167	2,747,324	4,626,943	10,646,775	8,211,691	7,295,142	7,700,875	9,360,926	11,145,836	11,078,188	9,017,857	10,803,572
Georgia	138,075	203,872	281,747	158,254	228,237	148,659	120,086	154,959	106,275	59,568	(4)	(4)
Idaho	.....	.....	9	3,971	[5]1,944	(6)	(6)	(6)	(6)	(6)	(4)	(4)
Illinois	5,460,158	13,653,947	23,007,126	40,982,362	55,016,736	51,418,926	52,526,407	59,102,979	76,963,738	79,724,201	57,678,571	80,401,786
Indiana	1,298,506	2,951,551	5,789,363	16,419,478	15,326,492	14,858,154	15,184,064	17,940,650	23,695,829	27,391,638	18,303,571	27,160,714
Indian Territory	107,988	776,097	1,716,337	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1,304,568	3,590,839	4,645,481	7,078,679	6,719,586	6,652,698	6,798,342	6,482,857	8,005,205	7,314,460	5,625,000	8,187,500
Kansas	688,788	2,017,788	3,989,170	4,394,153	6,430,545	6,125,882	6,093,280	6,144,156	6,415,156	6,751,738	5,133,929	5,982,143
Kentucky	844,900	2,412,050	4,758,005	13,056,535	17,514,821	18,198,896	19,072,923	22,673,212	24,828,546	28,225,551	25,446,429	27,678,572
Maryland	1,990,104	2,998,047	3,593,471	4,658,147	4,267,713	3,690,667	3,732,569	3,982,184	4,237,432	4,015,444	2,651,786	3,616,071
Michigan	90,000	66,944	758,460	1,370,506	1,099,809	1,145,562	1,032,266	1,053,893	1,227,505	1,307,873	830,357	1,285,714
Missouri	753,843	2,442,162	3,160,806	2,662,887	3,855,469	3,514,268	3,403,208	4,234,059	5,062,990	5,060,473	3,625,000	5,133,929
Montana	200	462,033	1,483,728	2,653,009	2,893,726	2,504,619	2,490,853	3,243,328	3,773,830	4,046,879	2,946,428	3,964,286
New Mexico	.....	335,515	1,127,752	3,095,530	3,280,769	3,462,222	3,408,875	3,386,617	3,571,899	3,592,178	2,830,357	3,348,214
North Carolina	313	9,164	[7]15,834	.....	.....	.....	.....	.....	.....	1,268	(4)	(4)
North Dakota	.....	26,786	115,967	356,287	442,250	452,397	471,498	566,886	705,847	642,619	669,643	687,500
Ohio	5,364,817	10,262,952	16,953,705	30,544,346	32,321,899	16,824,210	20,030,974	31,007,338	36,382,798	40,904,413	31,294,643	40,178,572
Oklahoma	.....	.....	.....	2,362,702	3,719,437	3,561,262	3,297,839	3,221,438	3,916,825	4,297,721	2,857,143	3,750,000
Oregon	38,576	54,923	52,557	60,297	41,128	46,034	35,028	38,029	25,292	11,900	(3)	(4)

Pennsylvania	16,451,038	37,769,797	71,287,791	134,394,220	155,161,801	132,127,941	141,031,372	152,049,486	153,971,555	159,420,304	129,732,143	145,535,714
South Dakota	.....	.....	.....	.....	9,411	10,580	9,458	7,934	7,180	7,091	(4)	(4)
Tennessee	442,081	1,937,180	3,133,537	6,358,375	6,125,165	5,306,480	5,116,394	5,479,865	5,530,555	6,099,150	4,598,214	6,026,786
Texas	.....	164,679	864,619	1,689,443	2,168,878	2,074,797	1,865,097	1,774,556	2,103,406	2,018,871	1,428,571	1,607,143
Utah	13,168	284,071	1,024,131	2,248,044	2,906,096	2,770,568	2,775,638	3,185,204	3,683,241	4,586,451	4,080,357	5,241,071
Virginia	38,463	700,010	2,137,280	5,810,712	7,882,203	7,106,728	7,252,318	8,667,388	9,006,331	9,187,329	8,482,143	8,794,643
Washington	129,478	1,128,294	2,209,012	3,492,767	3,462,403	2,736,446	2,168,835	2,713,025	3,580,270	3,644,832	2,767,857	3,348,214
West Virginia	1,633,789	6,602,370	20,220,721	55,063,410	63,619,764	64,024,666	68,914,347	77,196,542	77,180,060	80,299,856	67,410,714	78,125,000
Wyoming	526,424	1,669,964	3,584,466	6,725,971	6,600,952	5,781,512	5,851,811	7,063,078	7,656,803	8,427,400	6,339,286	8,928,571
Other States	179	721	.....	.....	.....	.....	.....	.....	.....	.....	136,608	172,321
RECAPITULATION.[8]												
Middle States	25,439,748	57,633,166	112,055,688	224,660,123	255,371,177	216,667,484	233,709,262	264,235,550	271,771,845	284,640,017	231,089,286	267,455,357
Western States	10,535,833	29,629,338	51,161,510	93,245,107	106,606,667	55,421,510	54,937,142	115,212,417	68,895,670	72,599,788	60,741,071	68,178,572
Southern States	1,874,276	10,547,711	22,822,807	48,618,533	58,698,643	99,759,740	101,562,062	63,287,599	144,659,919	151,752,560	110,169,642	152,535,715
Pacific States	392,784	1,566,858	3,440,091	5,815,940	6,435,599	5,565,525	4,991,914	5,942,722	7,342,712	8,316,403	6,984,822	8,761,606
Total bituminous	38,242,641	99,377,073	189,480,096	372,339,703	427,112,086	377,414,259	395,200,380	448,678,288	492,670,146	517,308,768	408,984,821	496,931,250
Total anthracite and bituminous[9]	63,822,830	140,866,931	240,789,310	447,853,909	508,893,052	458,504,890	474,660,256	526,873,371	581,609,263	605,546,343	487,638,572	576,484,821
AMOUNTS MARKETED.[10]												
Pennsylvania anthracite — tons	.....	38,403,552	46,355,595	67,539,106	73,136,986	72,383,578	70,534,390	69,480,012	79,617,152	79,109,049	70,080,171	.....
Pennsylvania anthracite — value, dolls.	.....	66,333,772	85,757,851	160,275,302	195,181,127	188,181,399	184,653,498	202,009,561	283,650,723	336,480,347	364,926,950	.....
Bituminous — tons	.....	97,957,790	186,227,513	363,788,858	416,753,923	368,088,853	386,451,558	439,472,516	481,851,254	465,866,326	(11)	.....
Bituminous — value, dolls.	.....	110,420,801	220,930,313	469,281,719	565,234,952	493,309,244	502,037,688	665,116,077	1,249,272,837	1,491,809,940	(11)	.....
Total — tons	.....	136,361,342	232,583,108	431,327,964	489,890,909	440,472,431	456,985,948	508,952,528	561,468,406	585,237,954	(11)	.....
Total — value, dolls.	.....	176,804,573	306,688,164	629,557,021	760,416,079	681,490,643	686,691,186	867,125,638	1,532,923,560	1,828,290,287	(11)	.....

1 Preliminary figures.
2 In 1890 and after 1913 the small amounts of anthracite coal mined in Colorado and New Mexico are included with the bituminous product of those States.
3 Includes Alaska 1900, 1910, 1912, and 1913; also Idaho and Nevada from 1914 to 1918. In 1918 Alaska produced 67,505, in 1919, 47,321, and in 1920, 60,714 long tons of coal.
4 Included under "Other States."
5 Includes Nevada.
6 Included under California.
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, North Dakota, South Dakota, and Wyoming. Pacific States: California, Idaho, Oregon, Utah, Washington, and "Other States."
9 Amounts marketed only for the year 1880; afterwards the entire product of the mines.
10 Quantities represent amounts shipped to market; values are those of entire product, including mine fuel.
11 Data not available.

No. 160.—PIG-IRON PRODUCTION,[1] CALENDAR YEARS 1900 AND 1910 TO 1920, AND THE NUMBER OF FURNACES, 1909 AND 1920: BY STATES AND BY GEOGRAPHIC DIVISIONS.

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

State.	Completed furnaces Dec. 31, 1909.	Pig-iron production.[2]												Furnaces.		
		1900	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	In blast. June 30, 1920.	In blast. Dec. 31, 1920.	Total Dec. 31, 1920.
		Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*			
Alabama	51	1,184,337	1,939,147	1,712,211	1,862,681	2,057,911	1,826,929	2,049,453	2,762,885	2,953,705	2,587,852	2,130,092	2,392,962	28	15	43
Colorado[3]	6	159,204	428,612	395,968	397,731	324,263	267,777	271,921	437,633	453,742	504,463	375,587	464,584	3	3	5
Connecticut[4]	3	10,233	16,582	9,649	17,366	12,810	6,594	7,802	5,719	10,527	12,485	13,678	10,281	1	0	2
Georgia[5]	4	28,984	14,725	1,200												4
Indiana[6]	7													12	12	16
Illinois	26	1,363,383	2,675,646	2,108,002	2,887,359	2,927,832	1,847,451	2,447,220	3,922,512	3,456,915	3,440,307	2,558,213	3,280,875	19	16	25
Kentucky[7]	8	71,562	100,509	95,202	68,760	315,731	236,393	291,040	554,590	561,951	594,675	413,091	772,379	5	0	7
Maryland	5	290,073	326,214	255,816	219,546	289,959	195,594	251,548	501,452	422,212	373,817	244,002	523,733	4	2	7
Massachusetts[4]	2	3,310												1	1	1
Michigan[6]	14	163,712	1,250,103	1,163,932	1,770,628	1,775,883	1,557,355	1,986,778	2,221,708	2,657,503	3,073,599	2,715,659	2,939,521	11	10	13
Minnesota[8]	1													2	2	3
Mississippi[7]																1
Missouri[3]	2													3	3	3
New Jersey[9]	11	170,262	264,781	40,663	36,876	2,187,620	1,559,864	2,104,780	2,352,535	2,417,527	2,871,118	2,070,288	2,601,134	2	1	4
New York[9]	28	292,827	1,938,407	1,562,756	1,939,231									21	16	27
Ohio	74	2,470,911	5,752,112	5,310,506	6,802,493	7,129,525	5,283,426	6,912,962	8,602,895	8,518,603	8,764,132	7,102,627	8,533,470	65	49	79
Oregon[3]	1															1
Pennsylvania	162	6,365,935	11,272,323	9,807,073	12,552,131	12,954,936	9,733,369	12,790,668	16,506,284	15,539,728	15,198,271	12,276,585	13,983,134	117	73	163
Tennessee	21	362,190	397,569	324,648	338,233	280,541	216,738	177,729	355,374	369,951	369,822	190,514	283,207	10	3	17
Texas[5]	4	10,150														1

Virginia	26	490,617	444,976	293,642	256,167	341,815	271,228	251,346	399,885	520,311	513,737	319,409	429,302	10	4	17
Washington[8]	1															
West Virginia[7]	4	166,758	174,661	291,472	274,360									4	3	5
Wisconsin[5]	7	184,794	307,290	276,897	303,370	367,326	329,526	372,966	811,325	738,541	759,366	605,619		4	3	8
Total	468	13,789,242	27,303,567	23,649,547	29,726,987	30,966,152	23,332,244	29,916,213	39,434,797	38,621,216	39,054,044	31,015,364	36,925,987	322	216	452
Geographic divisions.[10]																
New England and Middle States	215	7,299,398	13,992,968	11,967,429	15,039,510	15,679,841	11,633,436	15,338,439	19,723,733	18,759,450	18,821,915	14,872,303	17,645,195	150	96	299
Southern States	114	2,147,840	2,896,926	2,426,903	2,525,846	2,761,482	2,413,273	2,585,877	3,715,991	4,036,462	3,699,862	2,785,356	3,340,937	53	22	90
Western States	138	4,342,004	10,413,673	9,255,215	12,161,581	12,524,829	9,285,535	11,991,847	15,996,073	15,825,304	16,532,867	13,357,705	15,929,855	119	98	152
Pacific States	2															1
December 31—																
Furnaces in blast	338	232	206	231	313	205	164	310	333	340	359					
Furnaces out of blast	131	174	267	234	153	257	287	135	115	117	100					

[1] In tons of 2,240 pounds.
[2] Includes spiegeleisen, ferromanganese, ferrosilicon, ferrophosphorus, ferrotitanium, ferrovanadium, etc.
[3] In production, Colorado includes Missouri and Montana; Washington and California are also included in 1910; Oregon from 1911; and Iowa from 1913.
[4] In production, Maine, Massachusetts, and Connecticut are combined.
[5] In production, Georgia includes North Carolina (see Texas for 1909) in 1900 and Texas only in 1910 and 1911.
[6] In production, Indiana and Michigan combined after 1910.
[7] In production, Kentucky includes Mississippi in 1913, West Virginia, Georgia, and Mississippi from 1913 to 1918, and Texas in 1919.
[8] In production, Wisconsin includes Minnesota.
[9] In production, New Jersey includes New York from 1913 to date.
[10] New England and Middle States: Connecticut, Maine, 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, Iowa, Indiana, Michigan, Minnesota, Missouri, Montana, Ohio, and Wisconsin. Pacific States: Oregon, Washington, and California. (The production of the Pacific States is included with that of Colorado.)

No. 161.—PIG-IRON PRODUCTION: Quantities[1] and Kinds, Calendar Years 1914 to 1920, by States.

[Source: Annual reports of the American Iron and Steel Institute.]

ANTHRACITE AND MIXED ANTHRACITE AND COKE PIG IRON.

State.	1914	1915	1916	1917	1918	1919	1920
	Tons.	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*
New Jersey and Pennsylvania	91,464	84,753	217,788	381,048	283,592	138,337	302,567

CHARCOAL PIG IRON.

State.	1914	1915	1916	1917	1918	1919	1920
Massachusetts, Connecticut, New York, and New Jersey	6,606	7,802	5,719	10,527	11,485	6,678	38,046
Pennsylvania	3,226	3,578	2,568	2,436	2,087	1,143	
Maryland and Virginia	3,719	404	.....	.....	345	21,177	38,046
Tennessee, Kentucky, and Mississippi	3,394	866	2,969	2,783	2,122		
Alabama	20,158	26,954	39,202	39,864	26,559		
Ohio[2]	.....	.....	.....	.....	.....		
Michigan	194,699	217,802	260,623	258,251	246,009	226,873	205,523
Wisconsin, Missouri, and California	32,122	38,746	61,330	62,564	60,270	71,226	72,982
Total	[3] 263,924	296,152	372,411	[3] 376,525	[3] 348,877	327,097	323,396

BITUMINOUS COAL AND COKE PIG IRON.

State.	1914	1915	1916	1917	1918	1919	1920
Maine, New York, and New Jersey	1,559,852	2,104,780	2,352,535	2,412,155	2,862,330	2,077,288	2,605,134
Pennsylvania	9,638,679	12,702,337	16,285,928	15,161,616	14,922,380	12,137,105	13,680,003
Maryland	195,344	251,144	501,452	412,112	373,472	243,309	523,733
West Virginia and Kentucky	236,251	291,040	554,590	555,437	593,955	411,591	772,379
Tennessee	214,664	177,729	353,072	367,168	367,700	189,544	271,001
Virginia, Georgia, and Texas	267,759	251,346	399,885	526,825	514,457	320,909	429,302
Alabama	1,806,771	2,022,499	2,723,683	2,913,841	2,561,293	2,110,578	2,367,122
Ohio	5,282,248	6,912,096	8,602,228	8,518,603	8,764,132	7,102,627	8,533,470
Illinois	1,847,451	2,447,229	3,922,512	3,456,915	3,440,307	2,558,213	3,280,875
Indiana, Wisconsin, and Michigan	1,619,554	2,033,230	2,353,188	2,738,406	3,151,811	2,758,521	3,060,691
Minnesota, Iowa, Missouri, Colorado, Montana, Washington, Oregon, and California	308,283	341,887	795,525	790,565	870,338	640,245	776,314
Total	[4] 22,976,856	[4] 29,535,308	[4] 38,844,598	[4] 37,863,643	[4] 38,422,175	[6] 30,549,930	36,300,024

[1] In tons of 2,240 pounds.
[2] The production of Ohio is included with Tennessee, etc., after 1913.
[3] Includes small quantities of pig iron and ferroalloys made with charcoal and coke, electricity, etc.
[4] Includes small quantities of ferroalloys made with coke and electricity, coal and natural gas, etc.

No. 162.—CRUDE-STEEL PRODUCTION: Quantities and Kinds, 1887 to 1919.

[Sources: Annual reports of the American Iron and Steel Association prior to 1912; for later years, from annual reports 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.*
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	4,656,809	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	12,275,830	10,980,413	127,513	14,380	23,398,136
1907	11,667,549	11,549,736	131,234	14,075	23,362,594
1908	6,116,755	7,836,729	63,631	6,132	14,023,247
1909	9,330,783	14,493,936	107,355	22,947	23,955,021
1910	9,412,772	16,504,509	122,303	55,335	26,094,919
1911	7,947,354	15,598,650	97,653	31,949	23,676,106
1912	10,327,901	20,780,723	121,517	21,162	31,251,303
1913	9,545,706	21,599,931	121,226	34,011	31,300,874
1914	*6,220,846*	*17,174,684*	*89,869*	*27,631*	*23,513,030*
1915	8,287,213	23,679,102	113,782	70,939	32,151,036
1916	11,059,039	31,415,427	129,692	169,522	42,773,680
1917	10,479,960	34,148,893	126,716	305,038	45,060,607
1918	9,376,236	34,459,391	115,112	511,693	44,462,432
1919	7,271,562	26,948,694	63,572	387,404	34,671,232

No. 163.—IRON-ORE PRODUCTION (MARKETED): Quantities, by States, Calendar Years 1913 to 1918.

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

State.	1913	1914	1915	1916	1917	1918
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Alabama	5,333,218	4,514,926	5,134,955	6,798,266	7,101,586	6,121,087
Arkansas and Texas	(1)	(1)	.....	.....	.....	.....
California, Colorado, Montana, Nevada, New Mexico, Washington, and Wyoming	(1)	[2] 12,746	[3] 646	[3] 2,584	[3] 2,207	[3] 3,121
Connecticut and Massachusetts	(1)	(1)	(1)	(1)	(1)	(1)
Georgia	153,336	66,222	101,719	186,083	211,501	262,003
Kentucky, Maryland, and West Virginia	(1)	(1)	[4] 1,500	[4] 2,750	[4] 10,730	[4] 6,070
Michigan	12,668,560	8,533,280	13,664,437	28,218,627	17,712,916	17,587,416
Minnesota	36,603,331	23,298,547	32,545,236	57,742,643	44,962,127	43,263,240
Missouri	37,134	36,304	40,290	99,853	38,770	71,968
Montana	2,475	(1)	.....	.....	(1)	(1)
New Jersey	291,653	346,820	391,115	1,140,400	474,708	375,238
New Mexico	164,085	(1)	34,806	54,197	231,604	275,266
New York	1,420,889	640,252	931,745	2,797,270	1,358,011	899,970
North Carolina	(1)	(1)	(1)	(1)	90,957	108,332
Ohio	8,299	(1)	3,502	8,535	.....	.....
Pennsylvania	478,693	406,062	367,056	333,697	548,674	515,845
Tennessee	364,092	330,214	283,841	408,204	520,460	408,954
Utah	14,690	(1)	(1)	(1)	(1)	52,722
Virginia	492,649	346,382	334,424	696,920	472,337	400,135
Wisconsin	896,243	591,595	1,125,269	2,188,012	1,179,709	1,167,640
All other	713,751	596,930	532,559	610,943	658,910	502,195
Total	59,643,098	39,714,280	55,493,100	101,288,984	[7] 5,573,207	72,021,202

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

No. 164.—IRON AND STEEL MANUFACTURES: QUANTITIES AND KINDS, CALENDAR YEARS 1915 TO 1919.

[Source: Annual reports of the American Iron and Steel Institute.]

Article.	1915	1916	1917	1918	1919
	Long tons.	*Long tons.*	*Long tons.*	*Long tons.*	*Long tons.*
Pig iron	29,916,213	39,434,797	38,621,216	39,054,644	31,015,364
Spiegeleisen and ferromanganese (included with pig iron)	247,406	415,534	453,110	616,880	269,603
Finished iron and steel:					
Rails—					
Bessemer steel	326,952	440,092	533,325	494,193	214,121
Open-hearth steel	1,775,168	2,269,600	2,292,197	1,945,443	1,893,250
Iron	[1] 102,083	[1] 144,826	[1] 118,639	[1] 101,256	[1] 94,472
Total rails	2,204,203	2,854,518	2,944,161	2,540,892	2,203,843
Structural shapes	2,437,003	3,029,964	3,110,000	2,849,969	2,614,036
Wire rods	3,095,907	3,518,746	3,137,138	2,562,390	2,538,476
Plate and sheet, except nail plate and skelp	6,077,694	7,453,980	8,267,616	8,799,135	7,372,814
Nail and spike plate	31,929	30,088	22,864	18,310	12,832
Bar, bolt, hoop, skelp, rolled axles, rolled armor plate, etc	10,546,188	15,493,093	15,585,921	14,385,058	10,359,543
Total finished rolled	24,392,924	32,380,389	33,067,700	31,155,754	25,101,544
Nails:					
Cut nails and cut spikes [2]	775,327	764,835	461,674	418,811	394,477
Wire nails [2]	14,583,026	17,147,665	17,040,666	12,279,800	13,094,221
Steel ingots and castings:					
Bessemer	8,287,213	11,059,039	10,479,960	9,376,236	7,271,562
Open-hearth	23,679,102	31,415,427	34,148,893	34,459,391	26,948,694
Crucible	113,782	129,692	126,716	115,112	63,572
All other, including electric	70,939	169,522	305,038	511,693	448,024
Total crude steel	32,151,036	42,773,680	45,060,607	44,462,432	34,671,232
Ore, pig, and scrap blooms for sale	902	5,405	([3])	([3])	([3])
Tin plates and terneplates	1,055,936	1,235,000	1,512,146	1,473,939	1,150,898

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

No. 165.—TIN AND TERNE PLATE PRODUCTION: QUANTITIES, 1901 TO 1919.

[Sources: 1901 to 1911, annual reports of the American Iron and Steel Association, except 1904, figures for which are from census reports; 1912 to 1919 from annual reports of the American Iron and Steel Institute.]

Calendar year.	Tin plates.	Terne-plates.	Total.
	Pounds net.	*Pounds net.*	*Pounds net.*
1901	.....	.....	894,411,840
1902	.....	.....	806,400,000
1903	.....	.....	1,075,200,000
1904 [1]	867,526,985	158,857,866	[2] 1,032,940,706
1905	.....	.....	1,105,440,000
1906	1,100,373,000	193,367,000	1,293,740,000
1907	996,650,000	156,447,000	1,153,097,000
1908	1,048,896,000	154,179,000	1,203,075,000
1909	1,179,858,000	190,930,000	1,370,788,000
1910	1,450,821,000	168,184,000	1,619,005,000
1911	1,597,629,000	158,441,000	1,756,070,000
1912	1,965,659,000	191,396,000	2,157,055,000
1913	1,708,186,000	136,944,000	1,845,130,000
1914	1,939,785,000	146,195,000	2,085,980,000
1915	2,201,825,054	163,470,046	2,365,295,700
1916	2,552,224,275	214,176,952	2,766,401,227
1917	3,233,314,560	153,892,480	3,387,207,040
1918	3,216,247,675	85,376,569	3,301,624,244
1919	2,407,156,757	170,854,730	2,578,011,487

[1] Census year ended Dec. 31.
[2] Includes 6,555,855 pounds of "Other sheet iron and sheet steel."

No. 166.—PATENTS: Comparative Statement of the Business of the United States Patent Office, 1896 to 1920.

[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.*
1896	43,982	2,271	23,373	1,324,059.83	1,113,413.71	210,646.12
1897	47,905	2,176	23,794	1,375,641.72	1,122,843.13	252,798.59
1898	35,842	1,659	22,267	1,137,734.48	1,136,196.20	1,538.28
1899	41,443	1,716	25,527	1,325,457.03	1,211,783.73	113,673.30
1900	41,980	1,731	26,499	1,350,828.53	1,260,019.62	90,808.91
1901	46,449	1,842	27,373	1,449,398.16	1,297,385.64	152,012.52
1902	49,641	1,851	27,886	1,552,859.08	1,393,345.54	159,513.54
1903	50,213	1,771	31,699	1,642,201.81	1,448,645.81	193,556.00
1904	52,143	1,808	30,934	1,657,326.53	1,476,000.38	181,326.15
1905	54,971	1,896	30,399	1,806,758.14	1,479,633.22	327,124.92
1906	56,482	1,885	31,965	1,790,921.38	1,554,891.20	236,030.18
1907	58,762	1,967	36,620	1,910,618.14	1,631,458.36	279,159.78
1908	61,475	2,110	33,682	1,896,847.67	1,712,303.42	184,544.25
1909	65,839	1,948	37,421	2,042,828.14	1,955,151.14	87,677.00
1910	64,629	970	35,930	2,025,536.69	2,005,711.94	19,824.75
1911[1]	67,370	.....	34,084	2,019,388.03	1,953,689.91	65,698.12
1912	70,976	.....	37,731	2,101,199.90	2,022,066.11	79,133.79
1913	70,367	.....	35,788	2,084,417.79	1,947,383.28	137,034.51
1914	70,404	.....	41,850	2,251,892.82	2,000,770.12	251,122.70
1915	70,069	.....	44,934	2,290,773.47	2,053,442.15	237,331.32
1916	71,033	.....	45,927	2,343,540.94	2,115,367.91	228,173.03
1917	70,373	.....	42,760	2,258,377.10	2,048,173.16	210,203.94
1918	59,615	.....	39,941	1,977,518.82	2,050,938.17	73,419.35
1919	80,400	.....	38,598	2,417,071.77	2,310,420.02	106,651.75
1920	86,815	.....	39,882	2,679,948.31	2,572,097.56	107,850.75

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

No. 167.—PATENTS AND TRADE-MARKS: Number of Patents, Trade-Marks, and Labels Issued, 1896 to 1921.

[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.	Total certificates.
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	32808	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	8069	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	11,934
1907	839799	38391	12587	59014	13297	35,880	589	151	36,620	7,878	982	8,863
1908	875679	38980	12738	66892	13964	32,757	757	168	33,682	5,191	838	6,020
1909	908436	39737	12906	72083	14582	36,574	687	160	37,421	4,184	640	4,829
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	16108	36,231	1,342	158	37,731	5,020	876	6,011
1913	1049326	43415	13504	89731	16736	33,941	1,683	164	35,788	5,065	998	[1]6,063
1914	1083267	45098	13668	94796	17444	39,945	1,715	190	41,850	6,817	1,057	7,874
1915	1123212	46813	13858	101613	18163	43,207	1,545	182	44,934	6,262	1,174	7,436
1916	1166419	48358	14040	107875	18966	43,970	1,759	198	45,927	6,791	1,296	8,087
1917	1210389	50117	14238	114606	19830	41,069	1,512	179	42,760	5,339	858	6,197
1918	1251458	51629	14417	120005	20443	38,569	1,207	165	39,941	4,061	851	4,912
1919	1290027	52836	14582	124066	21096	36,872	1,523	203	38,598	4,208	666	4,874
1920	1326899	54359	14785	128274	21617	37,164	2,485	233	39,882	10,282	1,012	11,294
1921	1364063	56844	15018	138556	22377	.....	.....	.....	.....	.....	.....	.....

[1] Including "Prints" after 1912.

No. 168.—PRODUCTION OF LUMBER, CALENDAR YEARS 1880, 1890, 1900, 1910, 1915, AND 1918: BY STATES AND GEOGRAPHIC GROUPS.

[Sources: Reports of the Bureau of the Census, Department of Commerce, in cooperation with the Forest Service, Department of Agriculture. Statistics 1915 and 1918 gathered entirely by the latter.]

State and group.	1880	1890	1900	1910	1915[1]	1918[1]
Northeastern group:	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]	*M feet.*[2]
Connecticut	(3)	(3)	(3)	126,463	90,000	64,000
Delaware	(3)	(3)	(3)	46,642	25,000	6,000
Maine	566,656	564,243	756,515	860,273	1,000,000	650,000
Massachusetts	205,244	208,655	342,058	239,206	250,000	175,000
New Hampshire	292,267	266,890	562,258	443,907	500,000	350,000
New Jersey	(3)	(3)	(3)	36,542	45,000	19,500
New York	1,184,220	909,990	874,754	506,074	475,000	335,000
Pennsylvania	1,733,844	2,113,267	2,321,284	1,241,199	950,000	530,000
Rhode Island	(3)	(3)	(3)	14,392	15,000	13,100
Vermont	(3)	(3)	(3)	284,815	260,000	160,000
Lake group:						
Michigan	4,172,572	4,245,717	3,012,057	1,681,081	1,100,000	940,000
Minnesota	563,974	1,079,403	2,341,619	1,457,734	1,100,000	1,005,000
Wisconsin	1,542,021	2,817,200	3,361,943	1,891,201	1,210,000	1,275,000
Miscellaneous group:						
Arizona	(3)	(3)	(3)	72,655	75,915	83,661
Colorado	(3)	(3)	(3)	121,398	74,500	56,882
Idaho	18,204	27,800	65,331	745,984	777,000	802,529
Iowa	(3)	(3)	(3)	75,446	35,000	14,200
Kansas	(3)	(3)	(3)	639	(3)	[4]8,401
Montana	(3)	(3)	(3)	319,089	328,000	340,000
Nebraska	(3)	(3)	(3)	(3)	.....	(5)
Nevada	(3)	.....	(3)	(3)	(6)	(6)
New Mexico	(3)	(3)	(3)	83,544	65,787	88,915
South Dakota	(3)	(3)	(3)	16,340	22,562	29,533
Utah	(3)	(3)	(3)	11,786	10,892	9,815
Wyoming	(3)	(3)	(3)	30,931	17,000	7,501
Central group:						
Illinois	(3)	(3)	(3)	113,506	110,000	42,000
Indiana	915,943	707,115	977,878	422,963	350,000	250,000
Kentucky	305,684	420,820	765,343	753,556	560,000	340,000
Missouri	399,744	395,755	715,968	501,691	350,000	273,000
Ohio	910,832	541,076	957,239	490,039	400,000	235,000
Tennessee	302,673	450,097	939,463	1,016,475	800,000	630,000
West Virginia	180,112	299,709	773,583	1,376,737	1,100,000	720,000
Pacific group:						
California	304,795	515,823	734,232	1,254,826	1,130,000	[7]1,277,084
Oregon	177,171	444,565	734,181	2,084,633	1,690,000	2,710,250
Washington	160,176	1,061,560	1,428,205	4,097,492	3,950,000	4,603,123
Southern group:						
Alabama	251,851	586,143	1,096,539	1,465,623	1,500,000	1,270,000
Arkansas	172,503	526,091	1,595,933	1,844,446	1,800,000	1,470,000
Florida	247,627	411,436	788,905	992,091	1,110,000	950,000
Georgia	451,788	572,970	1,308,610	1,041,617	1,000,000	515,000
Louisiana	133,472	303,591	1,113,423	3,733,900	3,900,000	3,450,000
Maryland	(3)	(3)	(3)	154,554	165,000	71,000
Mississippi	168,747	452,797	1,202,334	2,122,205	2,300,000	1,935,000
North Carolina	241,822	509,436	1,278,399	1,824,722	2,090,000	1,240,000
Oklahoma	.....	(3)	(3)	164,663	230,000	195,000
South Carolina	185,772	197,940	466,109	706,831	800,000	545,000
Texas	328,968	839,724	1,230,904	1,884,134	1,750,000	1,350,000
Virginia	315,939	409,804	956,169	1,652,192	1,500,000	835,000
Geographic groups.						
Northeastern group	3,982,231	4,063,045	4,856,869	3,799,513	3,610,000	2,302,600
Lake group	6,278,567	8,142,320	8,715,619	5,030,106	3,410,000	3,220,000
Southern group	2,498,489	4,809,932	11,037,325	17,586,978	18,145,000	13,846,000
Central group	3,014,988	2,814,572	5,129,474	4,674,967	3,670,000	2,490,000
Pacific group	642,142	2,021,948	2,896,618	7,436,951	6,770,000	8,590,457
Miscellaneous group	18,204	27,800	65,331	1,477,812	1,406,656	1,441,437
States not specified	1,652,735	1,615,236	2,079,277	11,955	.....	.....
Total	18,087,356	23,494,853	34,780,513	[8]40,018,282	[8]37,011,656	[8]31,890,494

[1] Computed totals for 1915 and 1198.
[2] See explanatory notes, p. XVIII.
[3] Included in "States not specified."
[4] Includes cut of mills in Nebraska.
[5] Included with Kansas.
[6] Included with California.
[7] See note 6.
[8] Does not include the cut of mills sawing less than 50,000 feet.

No. 169.—PRODUCTION AND AVERAGE MILL VALUE OF LUMBER SAWED, CALENDAR YEAR 1909, AND PRODUCTION, CALENDAR YEARS 1915 AND 1918: 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. Statistics 1915 and 1918 gathered entirely by the latter.]

Kind.	1909			1915		1918	
	Quantity.	Value.	Average value per M feet.[1]	Quantity.	Average value per M feet.[1]	Quantity.	Average value per M feet.[1]
	M feet.	*Dollars.*	*Dollars.*	*M feet.*	*Dollars.*	*M feet.*	*Dollars.*
Ash	291,209	7,116,089	24.44	190,000	22.15	170,000	38.70
Basswood	399,151	7,781,563	19.50	260,000	18.89	200,000	34.00
Beech	511,244	6,773,006	13.25	360,000	14.01	290,000	25.06
Birch	452,370	7,666,186	16.95	415,000	16.52	370,000	29.94
Cedar	346,008	6,901,948	19.95	420,000	16.10	245,000	24.86
Chestnut	663,891	10,703,130	16.12	490,000	16.17	400,000	27.31
Cottonwood	265,600	4,794,424	18.05	180,000	17.36	175,000	26.13
Cypress	955,635	19,549,741	20.46	1,100,000	19.85	630,000	30.56
Douglas fir	4,856,378	60,435,793	12.44	4,431,249	10.59	5,820,000	18.77
Elm	347,456	6,088,098	17.52	210,000	16.98	195,000	28.19
Hemlock	3,051,399	42,580,800	13.95	2,275,000	13.14	1,875,000	23.97
Maple	1,106,604	17,447,814	15.77	900,000	15.21	815,000	29.05
Oak	4,414,457	90,512,069	20.50	2,970,000	18.73	2,025,000	31.11
Poplar (yellow)	858,500	21,799,854	25.39	464,000	22.45	290,000	35.06
Red gum	706,945	9,334,268	13.20	655,000	12.54	765,000	23.21
Redwood	521,630	7,720,124	14.80	420,294	13.54	443,231	24.30
Spruce	1,748,547	29,561,315	16.91	1,400,000	16.58	1,125,000	28.65
Western yellow pine	1,499,985	23,077,854	15.39	1,293,985	14.32	1,710,000	20.87
White pine[2]	3,900,034	70,830,131	18.16	2,700,000	17.44	2,200,000	30.84
Yellow pine	16,277,185	206,505,297	12.69	14,700,000	12.41	10,845,000	24.38
Larch				375,000	10.78	355,000	19.89
Tupelo				170,000	12.25	237,000	22.73
White fir				125,048	10.94	213,000	19.61
Sugar pine				117,701	17.40	111,800	28.26
Hickory				100,000	23.35	100,000	37.95
Balsam fir				100,000	13.79	82,000	27.27
Walnut				90,000	48.47	100,000	77.60
Sycamore				25,000	13.86	30,000	23.59
Lodgepole pine				26,486	13.57	12,500	20.95
Minor species				47,893		60,963	82.80
All other	1,335,533	27,300,355	20.44				
Total	44,509,761	684,479,859	15.38	37,011,656	14.04	31,890,494	24.79

[1] See explanatory notes, p. XVIII. [2] Includes Norway pine.

No. 170.—PRODUCTION OF TURPENTINE AND ROSIN, 1910 TO 1920.[1]

[Source: Bulletin 898 of the Department of Agriculture.]

Season.[2]	Turpentine.	Rosin.	Season.[2]	Turpentine.	Rosin.
	Casks.[3]	*Barrels.*[4]		*Casks.*[3]	*Barrels.*[4]
1910-11	595,000	1,970,000	1915-16	470,000	1,565,000
1911-12	638,000	2,125,000	1916-17	535,000	1,782,000
1912-13	680,000	2,267,000	1917-18	473,000	1,577,000
1913-14	640,000	2,132,000	1918-19[6]	340,000	1,114,000
1914-15[5]	512,000	1,706,000	1919-20	362,000	1,217,000

[1] Figures not otherwise noted are credited to the Savannah Naval Stores Review.
[2] Apr. 1 to Mar. 31.
[3] Of 50 gallons each.
[4] Of approximately 500 pounds each.
[5] Census figures for 1914-15 are 540,000 casks for turpentine and 1,620,000 barrels for rosin, but when combined with those for wood turpentine and wood rosin they stand at 553,000 casks and 1,649,000 barrels, respectively.
[6] Figures of the Department of Agriculture. Its figures for turpentine and rosin when combined with wood turpentine and wood rosin are 372,000 casks and 1,237,000 barrels, respectively, for 1918-19, and 392,000 casks and 1,375,000 barrels for 1919-20.

No. 171.—WOOD-PULP PRODUCTION, IN SHORT TONS: By States and Processes, and Total Quantity and Value, by States, for Calendar Year 1918.

[Source: Forest Service, Department of Agriculture.]

State.	Mechanical.						Sulphite.						Soda.		
	Not steamed.			Steamed.			Unbleached.			Bleached.			Unbleached.		
	Quantity.	Average value per ton f. o. b. mill.	Total value.	Quantity.	Average value per ton f. o. b. mill.	Total value.	Quantity.	Average value per ton f. o. b. mill.	Total value.	Quantity.	Average value per ton f. o. b. mill.	Total value.	Quantity.	Average value per ton f. o. b. mill.	Total value.
	Short tons.	*Dolls.*	*Dollars.*	*Short tons.*	*Dolls.*	*Dollars.*	*Short tons.*	*Dolls.*	*Dollars.*	*Short tons.*	*Dolls.*	*Dollars.*	*Short tons.*	*Dolls.*	*Dollars.*
California, Oregon, and Washington	74,525	21.48	1,600,483				82,792	39.44	3,265,158						
Maine	369,840	21.41	7,918,089	72,535	25.84	1,874,094	256,939	56.28	14,461,331	84,113	109.94	9,247,611			
Michigan	16,495	29.42	485,358	(1)	30.00	(1)	40,823	69.01	2,817,073	30,070	79.16	2,380,231			
Minnesota	68,221	24.17	1,649,238				(2)	51.59	(2)						
New Hampshire	13,984	33.62	470,093	(1)	29.15	(1)	42,102	70.20	2,955,649	148,997	100.80	15,018,883			
New York	410,425	27.72	11,376,714	20,859	30.90	644,497	202,316	67.46	13,647,712	57,748	77.24	4,460,214			
Pennsylvania	(3)	22.95	(3)				19,253	71.97	1,385,675	74,806	63.08	4,719,010	(2)	74.33	(2)
Vermont	62,710	28.01	1,756,747				(2)	57.02	(2)						
Wisconsin	194,454	28.04	5,453,130	7,580	25.38	192,373	174,490	51.16	8,926,510	53,954	89.64	4,836,358			
All other States	[4] 17,620	31.70	[4] 540,258	[5] 35,256	26.36	[5] 998,957	[6] 77,942	49.14	[6] 4,025,598	[7] 110,288	93.59	[7] 10,321,786	[8] 29,499	53.91	[8] 2,103,382
Total	1,228,274	25.44	31,250,110	136,230	27.23	3,709,921	896,657	57.42	51,484,706	559,976	91.05	50,984,093	29,499	71.30	2,103,382

State.	Soda—Continued.			Sulphate.						Total.	
	Bleached.			Unbleached.			Bleached.				
	Quantity.	Average value per ton f. o. b. mill.	Total value.	Quantity.	Average value per ton f. o. b. mill.	Total value.	Quantity.	Average value per ton f. o. b. mill.	Total value.	Quantity.	Value.
	Short tons.	*Dollars.*	*Dollars.*	*Short tons.*	*Dollars.*	*Dollars.*	*Short tons.*	*Dollars.*	*Dollars.*	*Short tons.*	*Dollars.*
California, Oregon, and Washington							(9)	78.00	(9)	[10] 157,317	[10] 4,865,641
Maine	67,651	79.32	5,366,125	(2)	70.00	(2)				872,779	40,386,320
Michigan				(2)	70.19	(2)				101,036	6,632,669
Minnesota				(2)	82.00	(2)				121,444	4,618,125
New Hampshire										229,774	19,164,368
New York	57,828	78.73	4,552,566							749,176	34,681,703
Pennsylvania	74,176	78.35	5,811,473							195,451	13,831,788
Vermont				(2)	70.00	(2)				[11] 79,738	[11] 2,811,664
Wisconsin				38,388	58.69	2,249,255				473,890	22,049,498
All other States	[12] 121,208	74.94	[9] 9,082,749	[13] 85,789	78.40	[13] 6,405,415	[14] 18,185	89.58	[14] 1,570,850	[15] 333,256	[15] 25,528,869
Total	320,863	77.33	24,812,913	124,177	69.70	8,654,670	18,185	86.38	1,570,850	3,313,861	174,570,645

[1] Included in "All other States"—steamed.
[2] Included in "All other States"—unbleached.
[3] Included in "All other States"—not steamed.
[4] Includes Massachusetts, Pennsylvania, South Carolina, and West Virginia.
[5] Includes Michigan, New Hampshire, North Carolina, Vermont, and Virginia.
[6] Includes Minnesota, North Carolina, Ohio, Vermont, and West Virginia.
[7] Includes Massachusetts, New Hampshire, South Carolina, Virginia, Washington, and West Virginia.
[8] Includes District of Columbia, Georgia, North Carolina, Pennsylvania, and Tennessee.
[9] Included in "All other States"—bleached.
[10] Steamed and bleached for Washington included in "All other States."
[11] Steamed and bleached for Vermont included in "All other States."
[12] Includes Delaware, District of Columbia, Maryland, Massachusetts, North Carolina, Ohio, Tennessee, Virginia, and Washington.
[13] Includes Georgia, Louisiana, Maine, Michigan, Minnesota, North Carolina, Ohio, Texas, Vermont, and Virginia.
[14] Includes Louisiana, Mississippi, and Wisconsin.
[15] Includes not steamed and unbleached for District of Columbia, Georgia, Louisiana, Massachusetts, North Carolina, Ohio, South Carolina, Tennessee, Texas, Virginia, and West Virginia, and steamed and bleached for Delaware, District of Columbia, Louisiana, Maryland, Massachusetts, Mississippi, North Carolina, Ohio, South Carolina, Tennessee, Vermont, Virginia, Washington, and West Virginia.

No. 172.—WOOD PULP: Tons Produced, by Kinds, During Specified Calendar Years, 1909 to 1918.

[Source: Forest Service, Department of Agriculture.]

Year.	Mechanical.	Sulphite.	Soda.	Sulphate.
	Short tons.[1]	*Short tons.*[1]	*Short tons.*[1]	*Short tons.*[1]
1909	1,179,266	1,017,631	298,626	.....
1914[2]	1,293,661	1,151,327	347,928	52,641
1916	1,508,139	1,466,402	387,021	73,439
1917	1,535,953	1,451,757	437,430	84,799
1918	1,364,504	1,456,633	350,362	142,362

[1] See explanation of terms, p. XVIII.
[2] Reported as "Screenings, mechanical," 11,769 short tons; "Chemical," 35,824 short tons

No. 173.—PULP, WOOD AND OTHER: Produced, Shipped, Used, and on Hand, by Kinds, Calendar Years 1919 and 1920.[1]

[Source: The Federal Trade Commission.]

Kind.	On hand first of year.		Production for year.		Used during year.		Shipped during year.		On hand end of year.	
	1919	1920	1919	1920	1919	1920	1919	1920	1919	1920
	Short tons.	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*
Ground wood pulp	131,170	139,394	1,449,799	1,578,300	1,312,335	1,456,198	135,579	131,495	139,961	129,626
Sulphite:										
News grade	17,905	20,046	723,991	843,514	606,984	717,986	116,164	126,261	20,373	17,984
Bleached	4,240	6,810	515,897	578,081	271,276	316,037	241,673	262,213	6,810	6,661
Easy bleaching	2,212	1,314	66,465	72,394	40,950	45,309	26,740	27,159	1,314	1,134
Mitscherlich	1,489	1,809	79,353	82,687	47,895	50,404	30,571	31,479	1,809	2,768
Sulphate pulp	4,490	5,753	161,887	212,888	104,214	144,926	53,670	65,601	7,647	7,850
Soda pulp	3,395	5,672	377,473	431,971	217,351	235,808	158,002	195,296	5,672	6,507
Other than wood pulp	252	240	9,903	7,821	8,817	6,788	1,199	1,162	240	119
Total	165,153	180,948	3,384,768	3,807,656	2,609,822	2,973,456	763,498	840,666	183,826	172,649

[1] The pulp used and the pulp shipped during each year represents pulp produced in the establishment using or shipping same. The annual totals do not always balance owing to corrections received from the mills in the matter of the stocks on hand from month to month.

No. 174.—FINISHED PAPER PRODUCED, SHIPPED, AND ON HAND: By Kinds, Calendar Years 1919 and 1920.

[Source: The Federal Trade Commission.]

Kind.	Finished paper in short tons.							
	On hand first of year.		Production for year.		Shipments for year.		On hand end of year.	
	1919	1920	1919	1920	1919	1920	1919	1920
	Short tons.	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*	*Short tons.*
Newsprint (total)	19,408	15,369	1,374,517	1,511,968	1,378,556	1,502,574	15,369	24,763
Standard news[1]	15,656	12,338	1,227,180	1,380,239	1,230,498	1,373,004	12,338	19,573
Book paper	28,431	23,279	914,823	1,104,464	919,975	1,102,738	23,279	25,005
Paper board	46,196	40,329	1,950,037	2,313,449	1,955,904	2,300,674	40,329	53,104
Box board[2]	.....	.....	.....	[2]1,378,166	.....	[3]1,372,544	.....	[3] 25,451
Wrapping	40,499	26,791	694,207	831,889	707,915	822,880	26,791	35,800
Bag	3,408	2,087	175,424	211,923	176,745	210,979	2,087	3,031
Fine	34,576	31,516	343,762	389,322	346,822	390,526	31,516	30,312
Tissue	5,400	5,697	155,400	177,447	155,103	174,370	5,697	8,774
Hanging	2,933	1,452	92,136	113,824	93,617	112,249	1,452	3,027
Felts and building	7,699	5,315	281,962	366,941	284,346	358,836	5,315	13,420
Other grades	11,310	12,482	208,093	313,387	206,921	308,709	12,482	17,160
Total paper of all grades	199,860	164,317	6,190,361	7,334,614	6,225,904	7,284,535	164,317	214,396

[1] Duplications caused by the inclusion of "Standard news" under total "Newsprint" and "Box board" under "Paper board" prevent the addition of the kinds agreeing with the total.
[2] Prior to March, 1920, included under "Paper board."
[3] Ten months ending Dec. 31.

No. 175.—STAVES, HEADING, AND HOOPS: Production, Calendar Year 1918, by States and by Kinds.

[Source: The Forest Service, Department of Agriculture.]

State.	Staves.			Heading.		Hoops.
	Tight.	Sawed.	Slack.	Tight.	Slack.	Slack.
	Thousands.	*Thousands.*	*Thousands.*	*Sets.*	*1,000 sets.*	*Thousands.*
Alabama	19,657	19,529	42,072	.....	15,921	.....
Arkansas	104,250	102,840	417,473	8,160,138	5,800	57,496
California [1]	35,884	35,884	(2)	1,882,985	(2)	.....
Kentucky	12,938	12,116	(2)	865,063	(2)	.....
Louisiana	17,917	17,413	11,604	3,030,785	1,873	(2)
Mississippi	29,592	27,592	50,077	2,791,958	.....	53,495
Missouri	14,753	14,753	162,318	(2)	5,295	18,841
Pennsylvania	(2)	(2)	58,861	.....	2,527	.....
Tennessee	26,618	26,334	40,608	2,377,714	1,995	18,819
Texas	2,417	1,391	.....	(2)	(2)	.....
Virginia	8,429	8,373	77,868	(2)	1,769	.....
All other	13,946	13,946	149,090	1,602,628	25,571	184,033
Total	286,401	280,171	1,009,971	20,711,271	60,751	332,684

[1] Includes Oregon and Washington. [2] Included in "All other."

No. 176.—LATH AND SHINGLES: Actual Mills Reporting and Number of Pieces Produced, by States, Calendar Years 1915 to 1917.

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

	Active mills reporting.			Production reported.		
	1915	1916	1917	1915	1916	1917
Lath:	*Number.*	*Number.*	*Number.*	*Pieces.*	*Pieces.*	*Pieces.*
Arkansas	48	30	31	97,185,000	78,157,000	147,578,000
Florida	23	28	27	89,860,000	85,187,000	97,954,000
Georgia	36	46	25	34,969,000	49,316,000	46,889,000
Idaho	29	24	22	85,672,000	117,365,000	86,264,000
Louisiana	66	69	68	418,554,000	354,551,000	348,806,000
Maine	122	139	106	172,346,000	215,112,000	142,488,000
Michigan	74	80	62	124,543,000	109,323,000	84,352,000
Minnesota	54	53	45	230,686,000	267,788,000	213,092,000
Mississippi	29	30	33	123,011,000	162,689,000	133,925,000
Oregon	28	46	32	95,801,000	142,352,000	132,418,000
Pennsylvania	196	187	158	70,877,000	63,016,000	43,928,000
Texas	19	20	18	40,698,000	42,686,000	47,654,000
Washington	71	64	58	389,995,000	264,690,000	230,194,000
West Virginia	70	80	54	82,561,000	96,665,000	44,233,000
Wisconsin	116	121	113	179,193,000	218,598,000	185,074,000
All other	708	753	604	509,183,000	487,188,000	296,889,000
Total	1,689	1,770	1,456	2,745,134,000	2,754,683,000	2,281,738,000
Shingles:						
Alabama	82	113	94	67,629,000	81,414,000	54,735,000
Arkansas	31	42	44	20,501,000	45,411,000	59,927,000
California	25	52	41	200,755,000	348,622,000	261,434,000
Florida	31	51	49	116,054,000	131,795,000	143,792,000
Georgia	111	148	116	69,308,000	131,763,000	112,430,000
Idaho	11	9	7	49,512,000	79,960,000	52,631,000
Louisiana	45	53	55	385,610,000	404,263,000	453,819,000
Maine	187	200	150	268,004,000	217,543,000	166,101,000
Michigan	63	69	69	250,640,000	201,171,000	203,907,000
Mississippi	18	29	32	11,950,000	25,196,000	39,261,000
North Carolina	125	135	110	74,773,000	123,959,000	73,703,000
Oregon	48	50	42	336,652,000	471,762,000	481,353,000
Texas	33	42	39	22,245,000	32,749,000	61,011,000
Washington	239	238	230	6,313,335,000	6,739,388,000	6,313,364,000
Wisconsin	77	73	73	122,882,000	175,455,000	151,726,000
All other	522	628	468	149,528,000	160,882,000	67,319,000
Total	1,648	1,932	1,619	8,459,378,000	9,371,333,000	8,696,513,000

No. 177.—EXPLOSIVES: Production of Explosives (Excluding Exports), Calendar Years 1912 to 1919.

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

	1912	1913	1914	1915	1916	1917	1918	1919
Black blasting powder (kegs of 25 pounds):								
Quantity used for coal mining	7,483,640	7,396,683	7,072,506	6,700,558	7,079,041	9,430,012	8,648,862	5,139,605
Quantity used for other mining	1,728,095	334,014	302,885	268,146	313,851	378,199	297,818	252,134
Quantity used for railway and other construction work		626,474	316,131	289,869	428,853	516,892	219,260	204,197
Quantity used for other purposes		840,410	552,466	650,319	801,256	759,638	700,594	624,506
Total	9,211,735	9,197,581	8,243,988	7,908,892	8,623,001	11,084,741	9,866,534	7,220,442
High explosives other than permissible (pounds):								
Quantity used for coal mining	20,903,430	24,143,133	24,215,945	22,384,025	20,901,405	28,262,807	31,368,073	29,616,383
Quantity used for other mining	89,703,081	92,096,426	84,264,577	109,128,966	131,753,648	132,235,515	102,366,876	89,754,788
Quantity used for railway and other construction work	123,862,981	33,173,805	27,983,946	22,279,699	21,905,376	20,418,227	12,081,541	12,759,623
Quantity used for all other purposes		92,973,180	81,989,503	82,035,897	80,594,358	81,399,531	60,599,587	66,137,794
Total	234,469,492	242,386,544	218,453,971	235,828,587	255,154,787	262,316,080	206,416,077	198,268,588
Permissible explosives (pounds):								
Quantity used for coal mining	18,150,618	21,804,285	19,593,892	21,841,659	26,566,521	32,910,397	37,262,915	32,840,196
Quantity used for other mining	4,668,399	4,735,480	4,850,241	4,687,510	6,206,558	6,102,225	4,550,130	2,498,132
Quantity used for railway and other construction work	1,811,253	424,575	281,425	139,843	97,100	106,185	183,380	183,353
Quantity used for all other purposes		721,430	972,260	680,897	1,815,061	3,921,915	4,048,808	3,333,151
Total	24,630,270	27,685,770	25,697,818	27,349,909	34,685,240	43,040,722	46,045,233	38,854,832

No. 178.—EXPLOSIVES: AMOUNTS (EXCLUDING EXPORTS) MANUFACTURED AND USED, BY STATES, CALENDAR YEARS 1918 AND 1919.

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

State.	1918			1919		
	Black blasting powder.	High explosives other than permissible.	Permissible explosives.	Black blasting powder.	High explosives other than permissible.	Permissible explosives.
	Kegs.	*Pounds.*	*Pounds.*	*Kegs.*	*Pounds.*	*Pounds.*
Alabama	173,481	5,948,814	4,434,380	137,390	5,069,614	2,983,250
Alaska	178	2,213,600	41,200	1,730	3,145,950	1,000
Arizona	18,833	13,124,525	15,600	27,900	10,067,700	3,650
Arkansas	105,768	826,461	103,400	70,027	1,530,937	98,805
California	43,538	8,517,684	1,600	69,375	10,962,816	.....
Colorado	92,975	4,902,915	903,550	82,246	4,290,280	620,360
Connecticut	317	420,500	.....	748	472,967	.....
Delaware	66	50,075	1,000	23	58,171	.....
Florida	407	1,233,100	32,625	1,225	1,190,925	10,400
Georgia	18,891	752,200	350	10,011	650,384	51,850
Idaho	5,857	2,874,630	4,550	14,409	3,029,425	3,000
Illinois	1,998,235	3,693,422	2,664,400	1,225,049	3,939,370	2,284,240
Indiana	1,095,128	1,471,302	356,596	725,912	1,859,220	301,925
Iowa	344,684	1,427,080	975	250,314	1,665,768	20,500
Kansas	502,095	5,220,869	59,152	346,528	5,293,369	135,405
Kentucky	600,791	1,812,676	1,142,620	493,417	1,742,723	1,151,774
Louisiana	367	691,640	72,474	88	603,131	136,327
Maine	1,180	324,350	.....	1,663	450,376	.....
Maryland [1]	45,787	1,126,770	89,300	28,625	1,148,911	65,700
Massachusetts	1,337	387,250	.....	3,090	557,275	100
Michigan	20,907	24,994,152	23,600	7,546	22,703,853	6,500
Minnesota	179,045	9,941,860	.....	143,714	9,664,132	200
Mississippi	48	299,500	1,150	4,220	388,022	30,600
Missouri	219,571	9,120,244	108,904	136,069	6,432,898	251,290
Montana	112,033	8,216,874	51,100	83,175	5,461,872	43,670
Nebraska	2,314	88,710	.....	2,252	158,075	500
Nevada	11,507	4,733,025	500	21,126	3,240,840	1,300
New Hampshire	189	136,425	.....	503	144,499	.....
New Jersey	1,956	2,227,130	16,600	2,179	2,338,695	9,675
New Mexico	7,913	2,576,310	775,250	8,066	2,870,410	522,900
New York	14,551	6,016,836	466,150	12,913	6,933,533	544,025
North Carolina	12,283	1,094,925	900	9,632	1,479,451	2,250
North Dakota	21,343	286,525	3,425	21,507	270,025	200
Ohio	597,232	6,521,085	35,869	385,331	5,447,754	124,784
Oklahoma	196,083	8,955,527	1,102,775	104,391	9,426,729	914,856
Oregon	22,902	2,816,684	1,150	32,453	3,421,502	550
Pennsylvania	2,211,094	34,797,146	20,061,997	1,821,721	33,386,218	18,760,337
Rhode Island	172	80,550	.....	125	97,125	.....
South Carolina	1,523	411,925	.....	794	266,931	100
South Dakota	2,121	1,199,535	.....	2,760	772,654	.....
Tennessee	157,435	2,487,005	598,089	117,095	2,807,299	304,050
Texas	44,380	1,206,020	28,200	50,976	1,355,414	109,165
Utah	27,211	3,610,556	4,430,820	24,538	3,573,638	2,142,760
Vermont	2,297	180,075	.....	2,147	181,025	200
Virginia	113,837	2,589,058	499,025	89,035	2,319,029	381,776
Washington	49,647	5,934,194	427,800	28,131	5,461,938	484,750
West Virginia	656,467	3,511,835	6,812,057	514,969	3,454,319	6,040,388
Wisconsin	2,380	5,045,653	25,000	3,007	6,077,271	3,000
Wyoming	128,178	416,850	590,500	100,297	404,125	306,720
Total	[2] 9,866,534	206,516,077	46,045,233	[2] 7,220,442	198,268,588	38,854,832
	[3] 246,663,350	.....	.....	[3] 180,511,050	.....	.....
Grand total	[3] 499,224,660			[3] 417,634,470		

[1] Includes District of Columbia. [2] Kegs of 25 pounds each. [3] Pounds.

No. 179.—CRUDE-PETROLEUM PRODUCTION: QUANTITIES, CALENDAR YEARS 1880, 1890, 1900, 1916 TO 1918, AND IN 1920, BY STATES.

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

State.	1880	1890	1900	1916	1917	1918	1920[1]
	Barrels.[2]	*Barrels.*[2]	*Barrels.*[2]	*Barrels.*[2]	*Barrels.*[2]	*Barrels.*[2]	*Barrels.*[2]
California	40,552	307,360	4,324,484	90,951,936	93,877,549	97,531,997	105,668,000
Colorado	.....	368,842	317,385	197,235	121,231	143,286	110,000
Illinois	.....	900	200	17,714,235	15,776,860	13,365,974	10,772,000
Indiana	.....	63,496	4,874,392	769,036	759,432	877,558	932,000
Kansas	.....	1,200	74,714	8,738,077	36,536,125	45,451,017	38,501,000
Kentucky	.....	[3] 6,000	[3] 62,259	[3] 1,203,246	[3] 3,100,356	[3] 4,376,342	[3] 8,692,600
Louisiana	.....	.....	.....	15,248,138	11,392,201	16,042,600	35,649,000
Missouri	.....	278	[4] 1,602	[5] 7,705	.....	.....	.....
Montana	.....	.....	.....	44,917	99,399	69,323	336,000
New York	(6)	(6)	1,300,925	(6)	879,685	808,843	906,000
Ohio	38,940	16,124,656	22,362,730	7,744,511	7,750,540	7,285,005	7,412,000
Oklahoma [7]	.....	.....	6,472	107,071,715	107,507,471	103,347,070	105,725,000
Pennsylvania	[3] 26,027,631	[3] 28,458,208	13,258,202	[8] 8,466,481	7,733,260	7,407,812	7,454,400
Texas	.....	54	836,039	27,644,605	32,413,287	38,750,031	96,000,000
West Virginia	179,000	492,578	16,195,675	8,731,184	8,379,285	7,866,628	8,173,000
Wyoming	.....	.....	5,450	6,234,137	8,978,080	12,596,287	17,071,000
Other	.....	.....	.....	.....	[5] 10,300	[5] 7,943	.....
Total	26,286,123	45,823,572	63,620,529	300,767,158	335,315,601	355,927,716	443,402,000
Total value (dollars)	24,600,638	35,365,105	75,989,313	330,899,868	522,635,213	703,943,961	1,360,000,000

[1] Preliminary figures.
[2] Barrels of 42 gallons.
[3] Includes Tennessee.
[4] Includes Michigan.
[5] Includes Alaska and Michigan; Missouri had no production in 1917, 1918, or 1920.
[6] Included under Pennsylvania.
[7] Includes Indian Territory prior to 1908.
[8] Includes New York.

No. 180.—TOBACCO MANUFACTURES: SNUFF, CIGARS, AND CIGARETTES, CALENDAR YEARS 1911 TO 1919.

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

TOBACCO AND SNUFF.

Year.	Plug.	Twist.	Fine-cut.	Smoking.	Snuff.	Total.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
1911	160,895,589	13,845,761	11,027,986	209,367,475	28,943,754	424,080,565
1912	160,248,195	15,531,133	11,006,561	217,330,409	31,363,651	435,479,949
1913	164,338,510	14,893,789	10,934,526	220,809,688	32,898,056	443,874,569
1914	156,502,776	15,987,339	10,961,100	228,888,866	30,595,640	440,935,721
1915	150,658,608	14,829,376	10,045,001	234,927,827	31,898,407	442,359,219
1916	165,630,918	15,998,082	10,846,358	239,720,776	33,969,594	466,165,728
1917	179,413,107	15,174,350	11,286,561	243,586,164	33,516,802	482,976,984
1918	174,607,408	17,499,465	9,809,225	257,893,440	37,180,382	497,079,920
1919	141,037,895	11,290,488	8,165,865	228,566,655	35,007,882	424,068,785

CIGARS AND CIGARETTES.

Year.	Cigars.		Cigarettes.	
	Weighing more than 3 pounds per thousand.	Weighing not more than 3 pounds per thousand.	Weighing more than 3 pounds per thousand.	Weighing not more than 3 pounds per thousand.
	Number.	*Number.*	*Number.*	*Number.*
1911	7,048,505,033	1,213,832,840	17,058,718	10,469,321,101
1912	7,044,257,235	1,055,191,495	16,600,384	13,167,093,515
1913	7,571,507,834	959,409,161	15,105,776	15,555,692,661
1914	7,174,191,944	1,074,699,103	13,894,359	16,855,626,104
1915	6,599,188,078	965,135,187	15,816,210	17,964,348,272
1916	7,042,127,401	890,482,790	22,192,700	25,290,203,911
1917	7,559,890,349	967,228,920	24,596,110	35,331,264,067
1918	7,053,549,402	847,466,421	23,413,857	46,656,903,224
1919	7,072,357,021	713,235,870	31,888,910	53,119,784,232

No. 181.—ANIMAL AND FISH FATS AND OILS AND VEGETABLE OILS: PRODUCTION, SPECIFIED CALENDAR YEARS, 1916 TO 1920.

[Source: Bulletins of the Departments of Agriculture and Commerce.]

ANIMAL AND FISH FATS AND OILS.

Kind.	1916	1917	1918	1919 [1]	1920 [1]
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Bone grease	34,389,000	31,020,000	24,817,000	22,523,523	29,748,746
Cod and cod-liver oil	367,000	439,000	712,000	968,339	1,470,812
Garbage grease	60,212,000	65,250,000	53,476,000	50,822,650	53,140,500
Herring oil	1,476,000	1,637,000	774,000	1,431,230	2,852,840
Lard [2]	1,086,581,000	868,389,000	1,008,757,000	1,034,035,955	1,257,458,481
Lard, neutral	76,163,000	52,548,000	81,289,000	90,031,605	77,690,234
Menhaden oil	20,598,000	18,640,000	12,370,000	12,827,541	27,573,401
Neat's-foot oil	7,239,000	8,317,000	9,764,000	7,645,514	6,212,118
Oleo stock	152,982,000	153,188,000	145,929,000	(3)	(3)
Sperm oil	4,560,000	3,567,000	743,000	649,701	3,125,525
Tallow [2]	275,511,000	268,825,000	304,891,000	288,360,337	301,342,889
Whale oil	1,691,000	1,193,000	431,000	8,712,308	23,051,811
Wool grease and recovered grease	14,137,000	13,839,000	21,020,000	20,435,877	19,855,807
Miscellaneous animal oils	2,649,000	2,049,000	7,559,000	.....	.....
Miscellaneous fish oils	1,931,000	3,078,000	954,000	8,332,412	7,952,464
Miscellaneous greases	129,571,000	113,748,000	165,509,000	184,808,313	242,789,289
Total	1,870,057,000	1,605,727,000	1,838,995,000	1,781,585,285	2,054,264,917

VEGETABLE OILS.

Castor	22,766,000	22,902,000	14,184,000	24,637,203	24,187,085
Coconut [4]	104,727,000	188,488,000	341,235,000	215,542,157	131,218,408
Corn [2]	109,963,000	118,021,000	111,065,000	97,399,873	98,618,940
Cottonseed [5]	1,492,430,000	1,343,849,000	1,283,823,000	1,430,002,962	1,141,389,742
Linseed	531,586,000	482,199,000	375,452,000	452,927,798	485,271,517
Olive	1,462,000	963,000	618,000	438,694	643,116
Palm kernel [2]	8,619,000	6,453,000	3,784,000	2,517,105	2,671,112
Peanut [2]	28,534,000	50,499,000	95,934,000	87,606,844	13,085,262
Rape seed	223,000	232,000	139,000	1,236,743	408,840
Soy bean [2]	9,920,000	42,074,000	79,861,000	.....	.....
Miscellaneous	8,636,000	3,418,000	2,590,000	2,683,417	1,610,272
Total	2,318,866,000	2,259,098,000	2,308,685,000	2,314,992,796	1,899,104,294

TOTAL FATS AND OILS.

Vegetable oils	2,318,866,000	2,259,098,000	2,308,685,000	2,314,992,796	1,899,104,294
Animal fats and oils	1,870,057,000	1,605,727,000	1,838,995,000	1,781,585,285	2,054,264,917
Total	4,188,923,000	3,864,825,000	4,147,680,000	4,096,578,081	3,953,369,211
Butter fat (farm) [6]	879,610,000	733,222,000	777,000,000	(3)	(3)
Butter fat (factory)	630,825,000	637,503,000	669,492,000	(3)	(3)
Total	1,510,435,000	1,370,725,000	1,446,492,000	.....	.....
Grand total	5,699,358,000	5,235,550,000	5,594,172,000	.....	.....

[1] Figures of 1919 and 1920 do not include refined or processed fats or oils.
[2] No data.
[3] Figures prior to 1919 include edible and inedible products.
[4] Figures represent total production of edible and inedible oil. As the edible oil is made from the inedible oil, there may be some duplication in these figures.
[5] Figures represent total production of crude oil only.
[6] The figures for farm butter fat are based on reports from various sources and are believed to be at least 90 per cent correct.

No. 182.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: 1906 TO 1914, YEARS ENDED JULY 31; 1917 TO 1920, YEARS ENDED AUG. 31, BY STATES.

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

State and year.	Cotton spindles.		Spindles consuming cotton mixed with other fibers.	Cotton (exclusive of linters).				Linters.	
				Consumed (bales).		Stocks in consuming establishments at end of year (bales).		Consumed (bales).	Stocks in consuming establishments at end of year (bales).
	Total.	Active.		Total.	Foreign.	Total.	Foreign.		
Alabama:									
1920	1,215,268	1,212,516	.....	367,468	.....	56,832	.....	4,776	730
1919	1,192,294	1,174,298	.....	326,773	.....	57,242	.....	3,211	778
1918	1,169,624	1,168,306	.....	374,792	.....	57,385	.....	12,053	900
1917	1,136,786	1,136,786	.....	390,950	.....	64,570	.....	13,451	950
Connecticut:									
1920	1,392,547	1,361,911	38,458	135,939	20,925	45,011	9,695	13,119	8,726
1919	1,387,517	1,235,391	39,456	124,026	10,510	50,417	4,415	5,857	4,027
1918	1,376,554	1,334,656	40,728	138,102	11,905	59,055	5,460	20,075	4,240
1917	1,372,860	1,343,916	40,129	145,524	16,871	60,895	5,204	16,363	3,720
Georgia:									
1920	2,542,155	2,536,531	6,260	800,901	11,572	134,539	5,891	19,104	4,336
1919	2,518,059	2,499,331	7,680	702,676	2,445	136,158	2,132	16,260	1,915
1918	2,482,131	2,466,148	6,660	854,078	8,468	122,984	1,262	26,317	5,488
1917	2,422,810	2,398,114	6,360	907,015	17,549	145,949	6,210	23,075	7,549
Illinois:									
1920	63,168	57,094	4,828	13,006	126	3,000	47	36,564	11,111
1919	63,168	57,543	5,652	11,643	90	1,879	27	11,939	4,265
1918	63,168	58,355	7,389	12,718	421	2,955	78	12,169	5,365
1917	62,168	55,893	6,280	14,226	524	3,742	247	9,402	2,218
Indiana:									
1920	87,504	81,756	12,524	14,472	12	3,617	4	5,314	852
1919	86,256	81,256	12,908	14,525	.....	2,969	.....	2,155	314
1918	85,576	81,656	8,350	17,138	.....	3,340	.....	5,907	735
1917	85,576	80,756	6,666	17,940	11	4,072	.....	6,457	771
Kentucky:									
1920	95,814	95,078	.....	19,093	.....	4,799	.....	7,268	1,190
1919	94,224	93,488	.....	18,671	.....	5,460	.....	2,416	887
1918	91,528	91,528	.....	20,627	.....	5,400	.....	2,634	1,138
1917	91,244	91,244	.....	23,231	.....	4,896	.....	2,039	2,841
Louisiana:									
1920	103,128	103,128	.....	39,543	.....	4,879	.....	2,881	226
1919	102,944	102,944	.....	34,147	.....	1,086	.....	1,531	49
1918	96,832	96,832	.....	37,106	.....	1,302	.....	837	133
1917	93,408	93,408	.....	35,361	.....	631	.....	414	55
Maine:									
1920	1,127,138	1,124,822	19,392	194,431	6,920	50,727	4,180	91	.....
1919	1,111,940	1,107,052	13,108	157,414	4,031	54,744	1,303	102	13
1918	1,096,255	1,090,684	15,948	185,418	4,001	61,834	2,912	138	31
1917	1,099,278	1,097,536	12,570	187,150	4,993	61,578	2,611	154	42
Maryland:									
1920	145,460	142,792	3,900	66,364	87	5,342	520	1,708	368
1919	145,208	140,940	.....	65,091	.....	5,160	.....	780	150
1918	153,531	148,863	.....	72,090	.....	9,667	.....	994	240
1917	147,764	146,920	9,000	81,161	14	8,743	1	1,371	156
Massachusetts:									
1920	11,758,613	11,560,720	76,660	1,454,325	238,772	358,634	61,141	7,897	1,646
1919	11,630,367	11,376,303	87,288	1,324,815	84,142	354,528	19,111	6,069	832
1918	11,512,247	11,312,816	81,622	1,459,291	80,118	420,091	16,805	33,322	3,880
1917	11,280,351	11,096,275	85,094	1,459,209	171,779	429,596	31,588	32,285	5,025
Mississippi:									
1920	174,714	162,876	.....	36,425	.....	5,144	.....	2,781	561
1919	155,756	143,874	.....	32,945	.....	4,898	.....	6,443	106
1918	166,932	155,050	.....	36,640	.....	3,248	.....	24,302	2,429
1917	167,664	144,882	.....	38,647	.....	4,369	.....	19,109	1,891
New Hampshire:									
1920	1,443,776	1,436,748	30,360	294,289	21,900	87,155	6,720	44	10
1919	1,444,074	1,433,955	34,782	267,501	12,221	70,451	3,645	.....	.....
1918	1,462,462	1,435,528	33,835	310,478	12,407	109,759	7,841	.....	.....
1917	1,459,853	1,445,760	38,737	317,881	16,425	89,991	5,648	.....	.....
New Jersey:									
1920	417,837	411,165	.....	37,075	14,407	12,838	7,925	9,358	4,411
1919	489,647	480,367	.....	38,007	11,928	11,463	3,925	14,929	2,365
1918	487,755	487,755	.....	49,518	12,863	14,626	4,291	45,449	6,971
1917	491,843	489,817	7,168	54,111	15,325	21,179	8,680	65,881	3,580

No. 182.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: 1906 TO 1914, YEARS ENDED JULY 31, 1917 TO 1920, YEARS ENDED AUG. 31, BY STATES—Continued.

State and year.	Cotton spindles.		Spindles consuming cotton mixed with other fibers.	Cotton (exclusive of linters).				Linters.	
	Total.	Active.		Consumed (bales).		Stocks in consuming establishments at end of year (bales).		Consumed (bales).	Stocks in consuming establishments at end of year (bales).
				Total.	Foreign.	Total.	Foreign.		
New York:									
1920	997,542	992,678	64,841	233,729	4,007	43,502	277	18,268	5,781
1919	980,321	976,589	63,575	209,048	2,131	41,661	422	10,768	3,638
1918	983,893	979,509	56,533	240,310	2,076	62,659	640	10,190	4,135
1917	938,158	930,493	60,435	238,081	4,048	62,652	894	8,159	1,529
North Carolina:									
1920	4,954,935	4,953,889	10,362	1,149,241	18,536	189,456	5,374	4,901	4,671
1919	4,789,322	4,770,128	9,312	1,035,717	6,486	184,877	1,285	2,049	3,913
1918	4,591,026	4,570,222	6,380	1,183,275	5,099	182,664	7,080	3,039	1,776
1917	4,375,283	4,368,121	7,244	1,209,670	6,774	184,570	1,188	2,659	268
Pennsylvania:									
1920	259,715	242,215	71,238	41,739	4,392	8,333	932	33,095	15,000
1919	266,003	251,833	77,094	37,180	1,877	10,088	999	14,143	4,414
1918	262,896	245,864	112,298	46,906	2,354	11,928	1,167	31,846	5,971
1917	256,314	249,270	95,307	53,156	4,124	12,429	861	37,030	7,056
Rhode Island:									
1920	2,675,892	2,658,415	1,440	305,240	71,733	114,732	43,387	551	1,347
1919	2,678,180	2,671,932	1,440	279,297	39,125	91,288	13,130	54,515	29,324
1918	2,683,451	2,675,172	.....	296,913	42,328	120,499	14,431	186,379	17,547
1917	2,653,397	2,641,617	1,440	291,063	5,954	124,801	29,857	190,964	17,131
South Carolina:									
1920	4,974,460	4,966,460	.....	843,924	2,095	147,521	2,376	3,277	496
1919	4,955,765	4,910,205	4,584	764,794	.....	146,792	.....	1,371	722
1918	4,903,840	4,878,396	4,584	888,218	.....	147,833	.....	4,314	723
1917	4,851,161	4,851,161	3,080	962,566	.....	147,200	.....	3,326	508
Tennessee:									
1920	399,963	397,329	15,118	108,373	183	22,728	100	15,017	57,969
1919	373,695	368,539	15,438	92,052	90	21,228	.....	61,572	66,305
1918	367,503	363,699	15,438	104,842	81	22,111	52	36,076	5,264
1917	350,352	349,548	20,927	108,782	72	20,719	40	25,722	2,567
Texas:									
1920	143,054	143,054	.....	64,333	.....	11,293	.....	19,814	4,425
1919	140,054	140,054	.....	60,995	.....	11,079	.....	9,305	1,275
1918	132,236	132,236	.....	63,978	.....	9,549	.....	19,411	6,065
1917	128,112	127,888	.....	63,235	48	8,706	.....	16,350	2,677
Vermont:									
1920	144,808	144,808	11,604	12,902	374	4,850	381	.....	.....
1919	141,224	141,224	11,284	11,978	96	4,288	64	.....	.....
1918	135,864	135,864	11,284	12,228	122	5,683	45	.....	.....
1917	135,864	135,864	11,284	13,545	1,052	5,200	119	.....	.....
Virginia:									
1920	575,610	573,610	2,108	112,747	.....	22,036	.....	11,771	59,613
1919	580,310	559,490	288	94,264	.....	23,202	.....	109,436	67,514
1918	524,194	522,694	288	97,457	.....	18,401	1	555,957	30,579
1917	528,394	520,894	1,038	110,964	.....	20,381	.....	316,503	30,405
All other States:									
1920	141,362	121,358	32,630	74,175	760	21,178	706	124,274	92,879
1919	116,798	114,198	44,764	62,377	944	12,397	190	63,050	73,733
1918	111,332	110,832	45,166	64,276	1,551	12,250	559	86,931	34,498
1917	92,672	92,672	39,766	65,031	2,698	15,044	1,163	78,988	22,033
United States:									
1920	35,834,463	35,480,953	401,718	6,419,734	416,741	1,358,147	149,656	342,473	277,218
1919	35,443,156	34,930,934	428,653	5,765,936	176,116	1,303,418	50,648	457,901	266,539
1918	34,940,830	34,542,665	446,503	6,566,489	183,794	1,465,223	62,684	1,118,840	138,108
1917	34,221,252	33,888,835	452,525	6,788,505	318,261	1,501,916	94,311	869,702	112,972
1916	33,333,176	32,805,883	405,000	6,397,613	316,995	1,632,245	142,518	880,916	100,441
1915	32,840,730	31,964,235	394,505	5,597,362	222,057	1,401,185	108,782	411,845	198,905
1914	32,744,012	32,107,572	414,058	5,577,408	194,309	675,873	64,149	307,325	75,346
1913	32,149,617	31,519,766	454,733	5,483,321	232,929	717,704	79,979	303,009	60,454
1912	31,582,679	30,578,528	500,206	5,129,346	207,663	818,024	84,770	238,237	52,622
1911	30,803,662	29,522,597	456,242	4,498,417	175,430	498,769	81,424	206,561	43,422
1910	28,929,093	28,266,862	.....	4,621,742	155,774	493,010	42,337	177,211	40,222
1909	28,573,435	28,018,805	558,792	5,091,534	161,738	868,909	65,563	149,185	38,188
1908	27,964,387	27,505,422	602,340	[1] 4,539,090	149,628	[1] 594,184	62,303	(1)	(1)
1907	26,939,415	26,375,191	651,251	[1] 4,984,936	140,368	[1] 1,016,738	79,820	(1)	(1)
1906	25,811,681	25,250,096	.....	[1] 4,909,279	138,475	[1] 680,471	40,118	(1)	(1)

[1] Linters consumed and on hand included under "Cotton." Separate statistics not available.

No. 183.—WOOL MACHINERY: NUMBER OF LOOMS, BY KINDS, CARDS, COMBS, AND SPINNING SPINDLES, WOOLEN AND WORSTED, IN OPERATION (WITH NUMBER PER SHIFT) AND IDLE. BY MONTHS, NOV. 1, 1918, TO MAR. 1, 1921.

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

Date.	Number of factories reporting.	Looms.			Sets of cards.	Combs.	Spinning spindles.	
		Wider than 50-inch reed space.	50-inch reed space or less.	Carpet and rug.			Woolen.	Worsted.
Nov. 1, 1918	945							
In operation		46,982	14,065	3,466	5,747	1,998	1,910,637	1,577,892
Single, per shift		44,724	13,919	3,413	4,980	1,642	1,626,205	1,489,852
Double, per shift		2,258	146	53	767	356	284,432	88,040
Idle		12,528	5,145	3,876	716	625	260,076	678,132
Dec. 2, 1918	895							
In operation		45,904	14,605	2,601	5,495	1,869	1,749,446	1,646,041
Single, per shift		44,528	14,603	2,558	4,976	1,546	1,588,242	1,564,781
Double, per shift		1,377	2	43	519	323	161,204	81,260
Idle		13,304	4,846	3,587	881	406	335,073	620,698
Jan. 2, 1919	927							
In operation		35,925	12,953	2,835	4,276	1,603	1,343,919	1,434,808
Single, per shift		35,407	12,951	2,810	3,960	1,315	1,234,032	1,370,124
Double, per shift		518	2	25	316	288	109,887	64,684
Idle		24,262	6,254	5,450	2,036	710	771,277	860,386
Feb. 1, 1919	924							
In operation		28,109	12,390	2,437	3,685	1,399	1,201,939	1,183,906
Single, per shift		27,702	12,389	2,402	3,412	1,138	1,109,360	1,107,878
Double, per shift		407	1	35	273	261	92,579	76,028
Idle		30,792	8,806	4,040	2,294	925	855,566	1,120,005
Mar. 1, 1919	907							
In operation		25,313	11,364	2,662	3,771	1,210	1,213,396	1,062,778
Single, per shift		24,969	11,364	2,613	3,510	1,040	1,147,912	1,028,190
Double, per shift		344		49	261	170	65,484	34,588
Idle		35,098	8,367	4,227	2,417	1,109	870,605	1,186,187
Apr. 1, 1919	908							
In operation		30,774	11,279	3,394	4,628	1,542	1,524,587	1,431,262
Single, per shift		30,302	11,219	3,333	4,296	1,325	1,431,789	1,334,662
Double, per shift		472	60	61	332	217	92,798	96,600
Idle		28,870	7,167	4,523	1,668	802	604,162	810,142
May 1, 1919	920							
In operation		37,985	12,024	4,057	5,263	1,750	1,761,829	1,687,954
Single, per shift		36,738	11,982	4,057	4,827	1,419	1,628,794	1,561,756
Double, per shift		1,247	42		436	331	133,035	126,198
Idle		21,906	5,885	3,880	1,084	507	355,801	585,948
June 2, 1919	914							
In operation		41,848	13,041	4,558	5,356	2,004	1,829,225	1,796,569
Single, per shift		40,091	12,950	4,536	4,772	1,541	1,638,485	1,660,133
Double, per shift		1,757	91	22	584	463	190,740	136,436
Idle		17,628	4,728	3,652	975	293	327,090	431,345
July 1, 1919	928							
In operation		46,300	13,449	5,071	5,706	2,240	1,976,781	1,978,488
Single, per shift		44,194	13,334	5,065	4,978	1,529	1,735,497	1,835,394
Double, per shift		2,106	115	6	728	711	241,284	143,094
Idle		13,064	4,735	3,194	615	184	193,164	308,258
Aug. 1, 1919	921							
In operation		46,314	13,957	4,982	5,727	2,213	1,955,683	2,042,285
Single, per shift		44,078	13,828	4,967	5,010	1,505	1,744,236	1,892,637
Double, per shift		2,236	129	15	717	708	211,447	149,648
Idle		13,118	4,632	2,739	597	153	191,440	250,594
Sept. 2, 1919	915							
In operation		48,735	14,466	4,911	5,834	2,148	2,065,926	2,012,973
Single, per shift		46,178	14,107	4,901	5,104	1,403	1,793,906	1,814,667
Double, per shift		2,557	359	10	730	745	212,020	198,306
Idle		12,097	4,261	2,912	515	126	171,027	294,205
Oct. 1, 1919	922							
In operation		51,248	14,281	5,028	5,849	2,262	2,055,740	2,150,066
Single, per shift		48,364	14,241	5,008	5,037	1,510	1,811,651	1,943,800
Double, per shift		2,884	40	20	812	752	244,089	206,866
Idle		9,762	3,733	2,604	525	142	170,780	166,090
Nov. 1, 1919	926							
In operation		51,855	14,944	5,700	5,984	2,281	2,079,188	2,163,231
Single, per shift		48,949	14,831	5,635	5,191	1,564	1,813,552	1,943,310
Double, per shift		2,906	113	65	793	717	265,636	219,921
Idle		8,997	3,328	2,996	492	128	150,373	155,374
Dec. 1, 1919	924							
In operation		51,800	14,879	5,791	6,469	2,283	2,035,781	2,173,339
Single, per shift		48,772	14,816	5,639	5,631	1,566	1,762,878	1,930,309
Double, per shift		3,028	63	152	838	717	272,903	243,030
Idle		8,386	3,506	2,917	756	129	186,089	143,288

No. 183.—Wool Machinery: Number of Looms, by Kinds, Cards, Combs, and Spinning Spindles, Woolen and Worsted, in Operation (With Number Per Shift) and Idle. By Months, Nov. 1, 1918, to Mar. 1, 1921.—Contd.

Date.	Number of factories reporting.	Looms.			Sets of cards.	Combs.	Spinning spindles.	
		Wider than 50-inch reed space.	50-inch reed space or less.	Carpet and rug.			Woolen.	Worsted.
Jan. 2, 1920	920							
In operation		52,416	14,735	6,032	6,000	2,240	2,026,190	2,087,327
Single, per shift		49,036	14,594	5,825	5,052	1,611	1,740,613	1,848,353
Double, per shift		3,380	141	207	948	629	285,577	238,974
Idle		8,900	3,336	2,612	582	174	202,558	238,207
Feb. 2, 1920	919							
In operation		53,949	14,931	6,226	6,092	2,248	2,070,471	2,164,118
Single, per shift		50,302	14,703	6,069	5,127	1,521	1,777,815	1,885,490
Double, per shift		3,647	228	157	965	727	292,656	278,628
Idle		7,493	3,193	2,500	505	167	157,876	184,883
Mar. 1, 1920	917							
In operation		52,214	14,484	6,231	5,855	2,243	2,003,597	2,075,109
Single, per shift		48,923	14,370	5,999	5,029	1,636	1,731,607	1,790,701
Double, per shift		3,291	114	232	826	607	271,990	284,408
Idle		9,127	3,569	2,386	639	170	229,525	274,769
Apr. 1, 1920	914							
In operation		53,124	15,016	6,109	5,881	2,239	2,025,391	2,189,454
Single, per shift		50,261	14,832	5,965	5,071	1,520	1,781,743	1,890,939
Double, per shift		2,863	184	144	810	719	243,648	298,515
Idle		8,028	3,052	2,401	627	172	212,399	164,124
May 1, 1920	914							
In operation		52,172	14,865	6,167	5,813	2,266	1,988,656	2,194,200
Single, per shift		49,817	14,747	6,109	5,097	1,634	1,779,808	1,931,166
Double, per shift		2,355	118	58	716	632	208,848	263,034
Idle		9,388	3,298	2,454	691	164	257,739	164,378
June 1, 1920	911							
In operation		44,905	13,961	6,090	5,113	1,974	1,720,194	1,987,157
Single, per shift		43,713	13,882	5,912	4,581	1,483	1,586,143	1,791,669
Double, per shift		1,192	79	178	532	491	134,051	195,488
Idle		16,428	4,040	2,502	1,370	372	517,301	327,639
July 1, 1920	908							
In operation		35,173	12,253	5,847	4,037	1,530	1,307,587	1,558,775
Single, per shift		34,506	12,173	5,572	3,585	1,114	1,208,275	1,398,767
Double, per shift		667	80	275	452	416	99,312	160,008
Idle		26,021	5,835	2,763	2,471	825	949,066	757,973
Aug. 2, 1920	908							
In operation		30,996	12,496	5,516	3,937	1,575	1,230,668	1,449,339
Single, per shift		30,549	12,326	5,448	3,474	1,177	1,131,375	1,297,656
Double, per shift		447	170	68	463	398	99,293	151,683
Idle		30,412	5,341	2,630	2,583	790	1,027,199	875,135
Sept. 1, 1920	909							
In operation		29,606	12,091	5,487	3,952	1,494	1,252,349	1,446,080
Single, per shift		29,150	11,859	5,340	3,519	1,148	1,146,100	1,339,550
Double, per shift		456	232	147	433	346	106,249	106,530
Idle		31,834	6,446	3,048	2,594	887	1,009,760	886,935
Oct. 1, 1920	909							
In operation		31,412	11,998	5,609	4,027	1,749	1,283,204	1,722,396
Single, per shift		30,833	11,998	5,544	3,641	1,423	1,186,487	1,627,244
Double, per shift		579		65	386	326	96,717	95,152
Idle		30,156	6,445	2,977	2,502	625	975,578	606,040
Nov. 1, 1920	928							
In operation		32,921	11,362	5,266	4,011	1,616	1,298,023	1,493,826
Single, per shift		32,268	11,362	5,209	3,780	1,319	1,229,094	1,436,516
Double, per shift		653		57	231	297	68,929	57,310
Idle		29,100	6,882	3,292	2,621	788	969,766	799,038
Dec. 1, 1920	926							
In operation		30,177	9,957	5,121	3,315	1,408	1,103,603	1,333,201
Single, per shift		29,528	9,957	5,063	3,139	1,190	1,050,640	1,297,701
Double, per shift		649		58	176	218	52,963	35,500
Idle		31,626	8,078	3,435	3,358	997	1,180,194	994,869
Jan. 1, 1921	925							
In operation		26,570	9,191	4,714	2,783	1,134	927,376	1,152,390
Single, per shift		26,124	9,191	4,655	2,639	981	884,949	1,100,620
Double, per shift		446		59	144	153	42,427	51,770
Idle		35,261	8,919	3,972	3,858	1,273	1,354,276	1,188,514
Feb. 2, 1921	922							
In operation		28,887	9,309	4,312	2,870	1,345	944,339	1,327,850
Single, per shift		27,510	9,309	4,272	2,785	1,129	922,766	1,281,316
Double, per shift		1,377		40	85	216	22,173	46,544
Idle		33,800	8,838	4,262	3,728	1,049	1,352,603	1,002,575
Mar. 1, 1921	922							
In operation		35,358	10,440	3,406	3,575	1,743	1,216,963	1,584,756
Single, per shift		33,595	10,440	3,367	3,427	1,486	1,162,494	1,521,368
Double, per shift		1,799		39	148	257	54,469	63,388
Idle		26,731	7,458	5,211	3,072	689	1,086,637	780,377

No. 184.—DENATURED ALCOHOL: Number of Denaturing Warehouses and Amounts of Spirits Denatured, Years Ended June 30, 1910 to 1920.

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

Year ended June 30—	Warehouses.	Completely denatured.	Specially denatured.	Total.	
				Wine gallons.	Equivalent in proof gallons.
		Wine gallons.	*Wine gallons.*		
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	16,959,552.8
1914	25	5,213,129.56	5,191,846.03	10,404,975.59	17,811,078.2
1915	23	5,386,646.96	8,599,821.81	13,986,468.77	25,411,718.8
1916	33	7,871,952.82	38,807,153.56	46,679,106.38	84,532,253.1
1917	44	10,508,919.34	45,170,678.29	55,679,597.63	93,762,422.7
1918	49	10,328,454.61	39,834,561.48	50,163,016.09	90,844,722.8
1919	45	9,976,720.62	28,294,218.97	38,270,939.59	60,399,308.9
1920	52	13,528,402.99	15,307,947.18	28,836,350.17	45,646,948.6

No. 185.—FATALITIES IN COAL MINES: By States, Calendar Years 1907 to 1919.

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

State.	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Alabama	154	108	129	238	209	123	124	128	63	119	108	110	93
Alaska and California	.....	.....	6	.....	.....	2	2	.....	.....	.....	.....	.....	.....
Arkansas	13	14	15	14	12	6	12	11	8	7	17	13	10
Colorado	107	63	97	323	88	96	108	75	63	43	188	71	91
Georgia and North Carolina	.....	.....	2	.....	.....	2	3	1	.....	1	1	2	.....
Illinois	192	172	458	143	172	163	164	193	136	128	233	238	169
Indiana	53	45	49	51	46	35	66	44	46	51	76	100	83
Iowa	40	31	39	33	38	19	26	37	34	31	36	31	17
Kansas	37	38	32	17	42	30	28	33	24	54	30	32	25
Kentucky	32	40	34	86	44	51	48	61	64	75	142	77	84
Maryland	3	6	20	18	15	15	13	18	10	32	21	17	5
Michigan	7	6	9	6	7	8	3	2	7	2	4	12	3
Missouri	8	10	21	14	8	19	10	19	17	6	11	13	10
Montana	13	21	11	12	14	7	20	8	13	16	23	17	11
New Mexico	34	24	14	16	11	16	272	18	19	19	16	31	25
North Dakota	.....	4	.....	2	1	.....	6	3	1	1	3	.....	4
Ohio	154	113	110	159	107	135	165	64	67	108	108	149	142
Oklahoma	39	46	48	39	27	99	23	31	22	26	37	31	36
Oregon	.....	.....	1	.....	1	1	.....	1	.....	3	.....	.....	.....
Pennsylvania (anthracite)	708	678	567	601	699	601	618	595	586	555	582	551	635
Pennsylvania (bituminous)	799	571	500	521	515	446	609	402	438	433	495	491	399
Tennessee	30	34	29	38	111	18	35	26	25	15	28	14	27
Texas	.....	.....	4	7	8	2	4	11	1	2	1	7	3
Utah	5	5	15	18	13	19	17	22	11	23	22	19	25
Virginia	11	.....	27	57	68	75	24	27	48	53	63	43	28
Washington	37	25	39	43	27	14	22	17	46	21	30	33	19
West Virginia	736	310	336	329	341	381	337	556	494	372	384	437	330
Wyoming	30	81	30	36	32	36	26	51	26	30	37	41	33
Total killed	3,242	2,445	2,642	2,821	2,656	2,419	2,785	2,454	2,269	2,226	2,696	2,580	2,307
Number killed per 1,000 men employed	4.81	3.60	3.96	3.89	3.65	3.35	3.73	3.22	3.09	3.09	3.56	3.38	(1)

[1] Figures not available.

No. 186.—FATALITIES IN AND ABOUT COAL MINES: Number of Men Killed, by Localities and Causes, Calendar Years 1916 to 1919.

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

Locality and cause.	Number killed.				Percentage of grand total.			
	1916	1917	1918	1919	1916	1917	1918	1919
Killed underground:								
Falls of roof (coal, rock, etc.)	962	1,147	1,182	942	43.22	42.54	45.82	40.83
Falls of face or pillar coal	103	71	112	154	4.63	2.63	4.34	6.68
Mine cars and locomotives	390	482	506	378	17.52	17.88	19.61	16.38
Gas explosions and burning gas	*170*	*199*	*95*	*143*	*7.64*	*7.38*	*3.68*	*6.20*
Coal-dust explosions	56	163	34	47	2.51	6.05	1.32	2.04
Explosives (includes premature blasts, explosion of misfires, suffocation by gases from explosives, flying pieces from blasts, etc.)	146	111	135	206	6.56	4.12	5.23	8.93
Suffocation from mine gases	12	12	15	11	.54	.45	.58	.48
Electricity (shock or burns)	90	79	88	69	4.04	2.93	3.41	2.99
Animals	8	10	8	2	.38	.37	.31	.09
Mining machines	20	18	17	26	.90	.67	.66	1.13
Mine fires (burned, suffocated, etc.)	3	2	26	22	.13	.07	1.01	.95
Other causes	67	85	63	70	3.01	3.15	2.44	3.03
Total	2,027	2,379	2,281	2,070	91.06	88.24	88.41	89.73
Killed in shaft:								
Falling down shafts or slopes	31	26	21	20	1.39	.96	.81	.86
Objects falling down shafts or slopes	2	5	9	6	.09	.19	.35	.26
Cages or skips	12	17	17	20	.54	.63	.66	.86
Other causes	4	4	5	6	.18	.15	.19	.26
Total	49	52	52	52	2.20	1.93	2.01	2.25
Killed on the surface:								
Mine cars and mine locomotives	59	96	87	70	2.65	3.56	3.38	3.03
Electricity (shock or burns)	7	16	15	10	.31	.59	.58	.44
Machinery	22	45	40	22	.99	1.67	1.55	.95
Boiler explosions or bursting steam pipes	4	6	7	6	.18	.22	.27	.26
Railway cars and locomotives	16	18	31	21	.72	.67	1.20	.91
Other causes	42	84	67	56	1.89	3.12	2.60	2.43
Total	150	265	247	185	6.74	9.83	9.58	8.02
Grand total	2,226	2,696	2,580	2,307	100.00	100.00	100.00	100.00

No. 187.—FATALITIES IN METAL MINES: By States, Calendar Years 1915 to 1919.

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

State.	1915	1916	1917	1918	1919	State.	1915	1916	1917	1918	1919
Alabama	12	27	32	25	31	New Mexico	4	21	13	15	13
Alaska	22	29	30	8	10	New York	8	16	13	14	12
Arizona	41	68	80	86	61	North Carolina	.....	.....	1	2	1
Arkansas	1	1	.....	1	.....	Ohio	2	1	.....	.....	.....
California	49	42	44	54	18	Oklahoma	4	5	18	13	17
Colorado	49	63	47	39	31	Oregon	2	1	1	4	.....
Florida	3	4	7	3	5	Pennsylvania	1	4	.....	1	.....
Georgia	1	4	4	1	.....	South Dakota	6	6	7	1	5
Idaho	25	15	24	17	12	Tennessee	8	11	11	13	6
Illinois	3	4	3	3	2	Texas	1	2	.....	4	3
Iowa	2	1	.....	.....	.....	Utah	23	24	26	28	15
Kansas	2	3	4	6	3	Vermont	1	2	.....	.....	.....
Kentucky	.....	.....	.....	2	1	Virginia	1	3	8	5	4
Michigan	99	128	109	109	81	Washington	4	3	4	.....	1
Minnesota	36	42	63	64	45	Wisconsin	8	17	12	8	8
Missouri	44	35	36	12	12	Wyoming	2	1	1	.....	1
Montana	62	75	214	64	41	Other States	.....	1	.....	.....	.....
Nevada	18	30	31	33	21						
New Hampshire	.....	.....	.....	1	.....	Total	553	697	852	646	468
New Jersey	9	3	9	10	8						

No. 188.—FATALITIES IN AND ABOUT METAL MINES: NUMBER KILLED, BY LOCALITIES AND CAUSES, CALENDAR YEARS 1916 TO 1919.

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

Locality and cause.	Number killed.				Percentage of grand total.			
	1916	1917	1918	1919	1916	1917	1918	1919
Killed underground:								
Fall of rock or ore from roof or wall	217	206	178	164	31.13	24.18	27.56	35.04
Rock or ore while loading at working face or chute	10	15	13	4	1.43	1.76	2.01	.86
Timber or hand tools	2	2	4	2	.29	.23	.62	.43
Explosives	74	69	56	41	10.62	8.10	8.67	8.76
Haulage	33	36	42	31	4.74	4.23	6.50	6.62
Persons falling down chute, winze, raise, or stope	40	56	38	30	5.74	6.57	5.88	6.41
Run of ore from chute or pocket	11	7	6	10	1.58	.82	.93	2.14
Drilling	.....	2	4	1	.....	.23	.62	.21
Electricity	17	11	16	10	2.44	1.29	2.46	2.14
Machinery (not including locomotives or drills)	2	3	1	1	.29	.35	.15	.21
Mine fires	27	165	3	4	3.87	19.37	.47	.86
Suffocation from natural gases	6	6	3	4	.86	.70	.47	.86
Inrush of water	1	4	20	.....	.14	.47	3.10	.....
Nails or splinters	2	.....	1	.....	.29	.....	.15	.....
Other causes	23	23	17	7	3.30	2.70	2.63	1.49
Total	465	605	402	309	66.72	71.01	62.23	66.03
Killed in shaft:								
Falling down shafts	45	41	39	32	6.46	4.81	6.03	6.84
Objects falling down shafts	18	21	17	7	2.58	2.47	2.63	1.49
Breaking of cables	2	4	3	2	.29	.47	.47	.43
Overwinding	2	3	3	8	.29	.35	.47	1.71
Cage, skip, or bucket	33	41	40	23	4.73	4.81	6.19	4.91
Other causes	9	12	9	7	1.29	1.41	1.39	1.49
Total	109	122	111	79	15.64	14.32	17.18	16.88
Killed on surface (yards and shops):								
Mine cars, mine locomotives, gravity or aerial trams	9	7	6	2	1.29	.82	.93	.43
Railway cars and locomotives	5	7	8	8	.72	.82	1.24	1.71
Run or fall of ore in or from ore bins	2	.....	1	2	.29	.....	.15	.43
Falls of persons	15	13	5	11	2.15	1.53	.78	2.35
Nails or splinters	1	.....	1	.....	.14	.....	.15	.....
Hand tools, axes, bars, etc.	.....	.....	1	1	.....	.....	.15	.21
Electricity	7	6	8	5	1.01	.70	1.24	1.07
Machinery	12	6	9	4	1.72	.70	1.39	.86
Other causes	25	26	16	9	3.58	3.05	2.47	1.92
Total	76	65	55	42	10.90	7.63	8.51	8.97
Killed at open-pit mines:								
Falls or slides of rock or ore	8	17	14	16	1.15	2.00	2.17	3.42
Explosives	15	10	33	7	2.15	1.18	5.11	1.49
Haulage (mine cars and locomotives, railway cars, etc.)	13	23	15	6	1.87	2.70	2.33	1.28
Steam shovels	1	2	2	5	.14	.23	.31	1.07
Falls of persons	2	2	1	2	.29	.23	.15	.43
Falls of derricks, booms, etc.	1	.....	1	.....	.14	.....	.15	.....
Run or fall of ore in or from ore bins	.....	.....	1	.....	.....	.....	.15	.....
Machinery (other than locomotives or steam shovels)	1	1	2	1	.14	.12	.31	.21
Electricity	2	2	1	1	.29	.23	.15	.21
Hand tools	.....	.....	.....	.....	.....	.....	.....	.....
Other causes	4	3	8	.....	.57	.35	1.24	.....
Total	47	60	78	38	6.74	7.04	12.08	8.12
Grand total	695	852	646	468	100.00	100.00	100.00	100.00

No. 189.—ACCIDENTS AT SMELTING AND ORE-DRESSING PLANTS AND COKE OVENS: NUMBER KILLED AND INJURED, BY CAUSES AND BY STATES, CALENDAR YEARS 1915 TO 1919.

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

SMELTING PLANTS.

Cause and State.	Killed.					Injured.				
	1915	1916	1917	1918	1919	1915	1916	1917	1918	1919
Cause:										
Haulage system (cars, motors, etc.)	10	4	7	8	6	529	814	693	559	344
Railway cars and locomotives	2	2	4	5	.....	61	117	113	87	46
Cranes	2	5	3	2	6	58	130	146	97	60
Other machinery	5	3	9	13	4	290	385	375	377	217
Falls of persons	3	9	8	4	4	499	757	564	496	328
Suffocation in ore bins	1	1	1	.....	1	8	1	73	5	2
Flying or falling objects (rocks, timbers, etc.)	1	4	2	.....	2	914	1,438	1,107	1,050	722
Gas (burns or asphyxiation)	3	1	.....	.....	1	68	112	48	136	60
Scalding (steam or water)	2	1	2	.....	.....	46	132	76	68	39
Electricity	4	1	9	3	2	46	36	37	41	31
Hand tools, axes, bars, etc	.....	.....	.....	.....	.....	633	875	736	562	337
Nails, splinters, etc	.....	.....	.....	.....	.....	146	252	208	163	70
Burns from matte, slag, or molten metal (pouring or spilling)	3	1	2	4	2	894	2,163	1,488	1,290	956
Hot-metal explosions	1	3	2	2	.....	160	217	242	255	92
Other causes	1	1	4	1	4	1,366	2,227	1,839	1,557	1,090
Total	38	36	53	42	32	5,718	9,656	7,745	6,743	4,394
State:										
Arizona	7	1	10	9	5	574	1,112	1,184	1,412	716
Arkansas [1]	.....	.....	.....	2	.....	.....	154	83	53	65
California	.....	1	5	.....	1	163	224	188	289	122
Colorado	6	1	1	5	1	404	508	331	269	172
Illinois	2	2	3	3	.....	782	1,356	749	636	408
Kansas	1	3	1	2	1	408	695	283	125	157
Maryland [2]	.....	1	2	1	.....	.....	605	359	131	.....
Michigan [1]	.....	1	.....	.....	1	.....	251	164	104	52
Missouri	3	2	2	.....	.....	304	317	437	482	271
Montana	6	3	.....	2	5	457	333	238	248	104
Nevada	.....	.....	3	2	1	58	90	132	117	28
New Jersey	4	6	5	4	4	630	646	677	682	414
New York	(3)	1	.....	(4)	.....	(3)	361	.....	(4)	4
Oklahoma	1	1	4	4	.....	262	817	895	479	544
Pennsylvania	2	3	3	2	.....	330	610	608	396	382
South Dakota	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Tennessee	1	1	.....	(4)	1	249	241	.....	(4)	130
Texas [1]	.....	.....	.....	1	.....	.....	179	164	178	99
Utah	3	8	9	4	4	437	622	556	383	265
Vermont	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Virginia [1]	.....	.....	.....	(4)	.....	.....	39	.....	(4)	2
Washington [1]	.....	1	.....	(4)	1	.....	135	.....	(4)	71
West Virginia	1	.....	1	.....	.....	106	148	182	107	83
Wisconsin [1]	.....	.....	.....	(4)	.....	.....	1	36	(4)	15
Other States	1	.....	4	1	7	545	209	479	652	290
Total	38	36	53	42	32	5,718	9,656	7,745	6,743	4,394

ORE-DRESSING PLANTS.

Cause:										
Haulage system	3	3	7	4	.....	106	146	135	107	110
Railway cars and locomotives	2	4	4	1	2	17	42	29	68	48
Crushers, rolls, or stamps	5	.....	3	.....	1	129	168	112	111	108
Tables, jigs, etc	.....	.....	2	.....	1	59	82	61	92	59
Other machinery	7	11	9	14	6	299	336	282	368	284
Falls of persons	6	2	9	6	4	240	373	399	414	199
Suffocation in ore bins	3	3	3	2	4	3	4	6	11	5
Falling objects (rocks, timbers, etc.)	.....	1	4	.....	1	192	363	371	389	200
Cyanide or other poisoning	.....	.....	.....	1	1	23	13	24	45	11
Scalding (steam or water)	.....	2	1	.....	1	12	35	18	15	34
Electricity	3	2	4	3	2	33	53	40	63	23
Hand tools, axes, bars, etc.	.....	1	.....	.....	.....	235	360	249	298	167
Nails, splinters, etc	.....	.....	.....	.....	.....	131	171	193	165	97
Flying pieces of rock from sledging or crushing	.....	.....	.....	.....	.....	76	109	302	198	140
Other causes	1	4	1	4	2	526	929	731	798	567
Total	30	33	47	35	25	2,095	3,184	2,952	3,142	2,052

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

No. 189.—ACCIDENTS AT SMELTING AND ORE-DRESSING PLANTS, ETC.—Continued.

ORE-DRESSING PLANTS—Continued.

Cause and State.	Killed.					Injured.				
	1915	1916	1917	1918	1919	1915	1916	1917	1918	1919
State:										
Alabama	1		1		1	6	9	7	25	12
Alaska			3		3	73	127	141	54	25
Arizona	1	3	6	6	2	350	524	578	653	448
Arkansas [1]				1		2	20	11	6	
California	2			3	1	91	118	30	105	43
Colorado	7	4	7	2	2	153	176	214	170	64
Georgia [1]				(2)		3	9	1	(2)	
Idaho	1					55	75	62	62	27
Illinois						3	4	9	26	24
Kansas [1]						2	7	15	31	22
Michigan		2	2	2	2	112	137	88	88	102
Minnesota [1]					1	22	48	40	18	34
Missouri	2	1	2	1		155	186	175	249	152
Montana	5	3	6	4		292	168	148	168	77
Nevada	4	1	4	6	4	147	133	117	142	51
New Jersey	1	3	2		1	26	45	57	60	40
New Mexico	2	4	1	1	1	131	310	183	229	115
New York	1	4	1	2	3	38	73	77	56	206
North Carolina [1]						4	3	14	13	14
Oklahoma			2	1	3	3	15	208	212	213
Oregon				1		11	2	6	2	7
South Dakota						33	51	23	32	17
Tennessee		1	1	1		27	48	40	17	26
Texas							7	6	2	
Utah	2	5	5	2	1	263	711	496	525	205
Vermont [1]						3	8	13	22	1
Virginia	1	1		1		35	43	16	30	38
Washington [1]								8	26	2
Wisconsin			3	1		51	90	150	55	40
Other States		1	1			4	37	19	64	47
Total	30	33	47	35	25	2,095	3,184	2,052	3,142	2,052

COKE OVENS.

Cause:										
Cars, lorries, and motors	10	9	17	22	18	123	369	574	713	445
Railway cars and locomotives	4	10	18	11	8	139	189	336	248	133
Coke-drawing machines	2	2	3	4	1	96	189	261	191	144
Electricity	1	3	2	3	2	16	33	50	61	40
Falls of persons	4	7	8	8	7	387	764	935	873	497
Hand tools				1		322	503	715	987	433
Suffocation from gases	2		5	3	3	17	16	40	53	59
Burns	7	2	6	6	3	349	802	837	977	566
Gas explosions [1]			1		1		26	38	40	40
Dust explosions [2]										5
Falling objects [2]					6					508
Nails, splinters, etc. [2]										113
Run of coal or coke [2]										21
Other causes	8	12	16	15	4	1,403	2,346	2,927	3,649	1,027
Total	33	45	76	73	53	2,852	5,237	6,713	7,792	4,031
State:										
Alabama	6	2	5	6	5	509	564	655	520	639
Colorado	1	1			(3)	13	13	11	22	(3)
Illinois	2	3	5	2	3	449	328	831	451	237
Indiana	3	4	6	3	7	155	514	317	348	324
Kentucky		1	1	1	2	98	305	263	307	82
Michigan	(3)	(3)	(3)	(3)	2	(3)	(3)	(3)	(3)	86
Minnesota	(3)	(3)	(3)	(3)	2	(3)	(3)	(3)	(3)	104
New Mexico	(3)	2			(3)	(3)	6	10	15	(3)
New York	(3)	(3)	(3)	(3)	3	(3)	(3)	(3)	(3)	94
Ohio			5	12	4	160	337	318	1,289	365
Pennsylvania	16	25	40	31	18	844	2,108	1,921	2,325	1,412
Tennessee						38	64	29	54	15
Virginia	2	2	1	1		10	59	48	226	73
Washington				3		34	19	13	28	32
West Virginia			3		1	28	93	80	60	29
Other States	8	5	10	14	6	514	827	2,214	2,147	539
Total	38	45	76	73	53	2,852	5,237	6,713	7,792	4,031

[1] Not segregated prior to 1916. [2] Not segregated prior to 1919. [3] Included in "Other States."

No. 190.—FATALITIES IN QUARRIES: By States, Calendar Years 1915 to 1919.

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

State.	1915	1916	1917	1918	1919	State.	1915	1916	1917	1918	1919
Alabama	2	3	3	5	1	Ohio	13	9	6	7	9
Arizona				1		Oklahoma		1		3	1
Arkansas	1		2		1	Oregon	2	1		1	
California	10	11	10	15	6	Pennsylvania	38	37	23	24	24
Colorado	1	4	1	1	1	Rhode Island	1	1			
Connecticut	4		3	3		South Carolina			2	1	(1)
Georgia	2			3	1	Tennessee			2	2	1
Illinois	1	14	8	6	11	Texas	3	2	1	3	10
Indiana	1	7	6	2	1	Utah		2	1		
Iowa	2	2	2		1	Vermont	9	9	5	6	4
Kansas	1	5	4	3	1	Virginia	1	7	2	1	3
Kentucky		1	1		2	Washington	5	3	1		2
Maine	3	4		1	2	West Virginia	3	1	5	3	4
Maryland	7	2	4	3	3	Wisconsin	5	3	3		
Massachusetts	9	9	7	4	9	Other States		1	1		5
Michigan	3	4	1	7	5						
Minnesota		5	2	2	1	Total killed	148	173	131	125	123
Missouri	6	3	5	2	1	Number killed per 1,000 men employed	1.47	1.91	1.59	1.83	1.63
Montana	1	1	9			Number killed per 1,000, 300-day workers	1.80	2.26	1.83	2.11	1.93
New Hampshire	1			4							
New Jersey	4	3	5	5	3						
New Mexico	2	1									
New York	7	16	5	6	4						
North Carolina		1	1	1	1						

[1] Included in "Other States."

No. 191.—FATALITIES CONNECTED WITH QUARRIES: By Causes, Calendar Years 1914 to 1919.

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

Cause.	1914	1915	1916	1917	1918	1919
In and about quarry:						
1. Falls or slides of rock or overburden	53	45	33	24	18	15
2. Handling rock at face	6	5	6	2	3	2
3. Timber or hand tools		1	1	2	2	
4. Explosives	35	28	28	21	17	24
5. Haulage	20	11	15	15	12	19
6. Falls of persons	18	14	12	8	11	3
7. Falling objects (other than 1 and 2)	(1)	(1)	(1)	(1)	1	6
8. Flying objects		1	1	3	1	3
9. Electricity	2	2	4	2	3	2
10. Drilling and channeling (by machine or hand)		1		2	1	1
11. Machinery	8	6	6	5	8	12
12. Nails, splinters, etc					1	
13. Boiler and air-tank explosions	1			1	2	
14. Burns	(1)	(1)	(1)	(1)		
15. Other causes	11	5	8	6	1	3
Total	154	119	114	91	81	90
In outside works:						
16. Haulage	7	7	13	13	16	9
17. Machinery	3	7	23	10	9	7
18. Hand tools	2			1		
19. Nails, splinters, etc						
20. Electricity	1	1	3		1	3
21. Falls of persons	5	3	2	7	4	5
22. Falling objects (rocks, timbers, etc.)	(2)	4	8	1	4	2
23. Flying objects	(2)			1		1
24. Handling rock by hand	(3)	(3)		2		1
25. Burns	(2)	5	3	1	5	
26. Other causes	8	2	7	4	5	5
Total	26	29	59	40	44	33
Grand total	180	148	173	131	125	123

[1] Not segregated prior to 1918. [2] Not segregated prior to 1915. [3] Not segregated prior to 1916.

No. 192.—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
Corn shellers, 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. 192.—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. 192.—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. 192.—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. 192.—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. 192.—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)	1,626,602	814,933	2,441,535
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] Exclusive of sewers and sewing-machine operators in shoe and harness factories and sack sewers in cement, sugar, and grain mills.

No. 192.—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. 192.—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
Stockbrokers	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. 192.—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 "salesmen and saleswomen" in stores evidently are "clerks."

No. 192.—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. 192.—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. 193.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1900 AND 1910: BY SEX, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[Source: 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	145,605	835,452
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	605,436	3,130,681
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	1,828,687	8,208,885
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	690,440	4,449,043
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	2,760,782	746,299	3,507,081
Mountain	592,661	71,155	663,816	967,924	140,013	1,107,937
Pacific	912,151	127,140	1,039,291	1,652,818	281,515	1,934,333

[1] For States included in each division, see note 5, p. 34.

No. 194.—STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, TOTAL DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1917 AND 1918, BY STATES.

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

State.	1917			1918		
	Men on strike.	Days lost.	Average days lost per man.	Men on strike.	Days lost.	Average days lost per man.
Alabama	1,835	10,220	6	1,952	3,259	2
Arkansas	2,417	27,315	11	1,207	4,292	4
Colorado	1,664	7,292	4	464	2,318	5
Georgia	.....	.....	.....	230	1,610	7
Illinois	38,781	464,511	12	10,251	74,850	7
Indiana	11,914	74,695	6	8,083	51,015	6
Iowa	3,275	18,407	6	997	4,774	5
Kansas	7,312	128,514	18	4,675	25,047	5
Kentucky	9,348	425,725	46	1,226	15,318	12
Maryland	1,523	24,605	16	2,517	5,402	2
Michigan	163	1,964	12	1,367	18,194	13
Missouri	2,175	31,767	15	1,191	5,800	5
Montana	1,063	23,680	22	218	218	1
New Mexico	85	775	9	.....	.....	.....
North Dakota	82	811	10	22	166	8
Ohio	7,710	56,875	7	4,993	44,837	9
Oklahoma	1,668	37,301	22	630	12,294	20
Oregon	25	25	1	.....	.....	.....
Pennsylvania[1]	23,655	544,322	23	12,852	112,929	9
Tennessee	4,448	192,730	43	835	2,454	3
Texas	75	260	3	55	550	10
Utah	212	848	4	30	30	1
Virginia	232	2,283	10	523	10,241	20
Washington	192	840	4	75	1,275	17
West Virginia	6,166	111,479	18	5,712	42,009	7
Total bituminous	126,020	2,187,244	17	60,105	438,882	7
Pennsylvania anthracite	34,220	161,155	5	19,290	69,644	4

[1] Bituminous.

No. 195.—SUMMARY OF STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1907 TO 1918.

[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.
1907[1]	32,540	462,392	14.0	1913	135,395	3,049,412	22.5
1908[1]	145,145	5,449,938	38.0	1914	161,720	11,013,067	68.0
1909[1]	24,763	723,634	29.0	1915	67,190	2,467,431	37.0
1910	218,493	19,250,524	88.0	1916	170,633	3,344,586	19.6
1911	41,413	983,737	24.0	1917	160,240	2,348,399	15.0
1912	311,056	12,527,305	40.0	1918	79,395	508,526	6.4

[1] Bituminous mines only.

No. 196.—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, 1907, 1908, AND 1912 TO 1918.

[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.
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
1912	174,030	231	2.10	485	548,632	223	3.68	820
1913	175,745	257	2.02	520	571,882	232	3.61	837
1914	179,679	245	2.06	505	583,506	195	3.71	724
1915	176,552	230	2.19	504	557,456	203	3.91	794
1916	159,869	253	2.16	548	561,102	230	3.90	896
1917	154,174	285	2.27	646	603,143	243	3.77	915
1918	147,121	293	2.29	672	615,805	249	3.78	942

No. 197.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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 forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Aeroplanes and parts	168	162	157	152	147	151	*144*	154	154	180	194	211	210	68.2
Agricultural implements	48,459	61,746	61,900	58,143	54,305	49,904	46,990	45,169	37,340	*35,208*	39,536	44,219	47,048	56.9
Aluminum ware	4,614	*4,027*	4,295	4,579	4,597	4,532	4,590	4,471	4,699	4,782	4,911	5,018	4,867	80.3
Ammunition	11,493	10,826	10,768	10,934	10,886	10,814	10,936	10,820	*10,002*	11,366	12,565	13,422	14,577	68.6
Artificial flowers	4,808	4,572	4,807	5,137	5,162	4,331	*3,840*	3,902	4,486	5,247	5,382	5,418	5,412	70.9
Artificial limbs	488	494	492	493	489	492	484	489	480	485	491	488	*479*	97.0
Artificial-stone products	10,255	*6,186*	6,311	7,843	11,372	12,840	13,201	13,118	12,779	12,360	10,951	8,942	7,157	46.9
Artists' materials	604	619	605	603	610	588	579	*576*	589	617	641	612	609	89.9
Asbestos products, not including steam packing	962	986	1,008	1,024	971	922	*883*	1,030	960	916	933	989	922	88.9
Automobile bodies and parts	47,785	47,280	47,702	50,941	52,683	51,511	48,612	46,811	46,243	46,590	47,270	*43,829*	43,988	83.2
Automobiles	79,307	79,694	83,440	84,832	85,271	81,130	74,094	*72,737*	79,449	80,975	80,839	74,161	75,062	85.3
Automobile repairing	12,562	*11,455*	11,627	12,091	12,663	12,964	13,121	13,200	13,195	13,084	12,764	12,435	12,145	86.8
Awnings, tents, and sails	5,073	*3,853*	4,103	4,718	5,802	6,811	7,072	6,263	5,178	4,601	4,359	4,021	3,995	55.9
Babbitt metal and solder	1,035	995	986	1,072	1,078	1,090	1,129	1,066	1,050	1,029	986	*968*	971	85.7
Bags, other than paper	9,358	8,968	9,023	9,394	9,399	9,308	9,578	9,951	9,826	9,818	9,420	*8,747*	8,864	87.9
Bags, paper, not including bags made in paper mills	3,505	3,443	3,457	3,470	3,432	3,420	*3,342*	3,374	3,489	3,701	3,766	3,666	3,470	88.0
Baking powders and yeast	2,270	2,267	2,281	2,323	2,302	2,389	2,382	2,220	2,194	2,278	2,286	*2,159*	*2,159*	90.4
Baskets, and rattan and willow ware	4,574	3,921	4,099	4,338	4,765	4,885	5,032	5,300	5,329	5,022	4,433	3,938	*3,826*	71.8
Bells	445	478	465	467	473	467	443	428	426	421	*419*	*419*	434	87.7
Belting and hose, rubber	5,115	5,103	5,044	5,068	5,137	5,171	5,274	5,243	5,041	5,166	5,183	5,040	*4,910*	93.1
Belting and hose, woven	952	981	1,011	996	1,000	951	952	949	938	945	915	901	*885*	87.5
Belting, leather	2,951	3,004	3,004	2,988	2,940	2,913	*2,879*	2,894	2,914	2,954	2,958	2,975	2,989	95.8
Billiard tables and materials	1,453	1,561	1,559	1,527	1,497	1,490	1,443	*1,265*	1,355	1,427	1,439	1,420	1,453	81.0
Blacking, stains, and dressings	1,766	1,682	1,835	1,933	2,030	2,039	1,825	1,774	1,677	1,614	1,630	1,604	*1,549*	76.0
Bluing	254	238	242	250	246	250	256	267	261	272	270	259	*237*	87.1
Bone, carbon, and lampblack	339	306	304	*300*	306	306	309	350	369	388	390	387	353	76.9
Bookbinding and blank-book making	21,693	22,166	22,311	22,536	22,099	21,706	21,781	21,853	21,272	21,376	21,191	*20,878*	21,147	92.6
Boot and shoe cut stock, exclusive of that produced in boot and shoe factories	7,819	8,392	8,434	8,409	8,095	7,670	7,581	7,505	7,710	7,699	7,651	*7,125*	7,557	84.5
Boot and shoe findings, exclusive of that produced in boot and shoe factories	6,714	7,617	7,476	7,169	6,825	6,631	6,309	6,272	6,449	*6,252*	6,336	6,496	6,736	82.1
Boots and shoes	191,555	200,739	203,135	198,772	189,856	188,934	191,110	193,354	191,036	186,740	183,053	*183,212*	188,119	90.2
Boots and shoes, rubber	18,687	18,286	18,325	18,613	18,513	18,776	18,752	17,491	*16,756*	18,617	19,377	20,340	20,398	82.1

Boxes, cigar	5,835	5,822	5,801	5,833	5,748	5,765	5,747	5,765	5,843	6,000	5,987	5,948	5,761	95.8
Boxes, fancy and paper	45,311	46,512	46,213	46,583	45,996	45,311	44,619	43,824	43,857	45,227	46,126	45,283	44,181	94.2
Boxes, wooden packing	38,548	38,056	38,411	39,850	40,317	40,302	40,320	39,581	38,597	38,517	37,147	35,984	35,494	88.0
Brass, bronze, and copper products	40,306	39,531	40,402	41,714	41,971	41,706	40,873	40,407	39,685	39,920	39,315	38,789	39,359	92.4
Bread and other bakery products	124,052	118,545	119,908	121,564	122,561	123,348	125,121	125,983	125,881	126,130	126,772	126,731	126,080	93.5
Brick and tile, terra-cotta, and fire-clay products	100,182	77,966	76,458	83,720	101,780	117,738	123,877	123,554	121,503	113,269	99,643	85,952	76,724	61.7
Brooms	5,642	5,767	5,766	5,799	5,678	5,568	5,450	5,372	5,458	5,570	5,687	5,780	5,809	92.6
Brushes	7,213	7,446	7,441	7,440	7,339	7,222	7,102	7,114	7,043	7,082	7,298	7,066	6,963	93.5
Butter	14,149	12,734	12,646	12,825	13,760	14,921	15,782	15,698	15,438	14,720	14,119	13,714	13,431	80.1
Butter, reworking	304	263	262	261	290	293	312	337	309	307	299	350	365	71.5
Buttons	14,511	16,451	16,832	16,689	15,874	14,733	13,960	12,482	12,424	13,181	13,790	13,801	13,915	73.8
Candles	387	422	412	410	403	379	367	358	337	374	399	404	379	79.9
Canning and preserving, fish	9,069	4,033	4,884	5,137	7,233	8,309	8,942	11,511	14,629	14,439	14,032	10,097	5,582	27.6
Canning and preserving, fruits and vegetables	50,325	10,811	10,345	11,112	13,572	18,657	37,979	65,094	113,440	150,735	107,809	43,143	21,203	6.9
Canning and preserving, oysters	2,087	2,797	2,973	3,344	3,216	1,313	307	266	592	1,414	2,289	3,406	3,127	7.8
Cardboard, not made in paper mills	1,159	1,116	1,120	1,164	1,157	1,092	1,167	1,169	1,178	1,215	1,210	1,207	1,113	89.9
Card cutting and designing	517	436	450	497	477	478	466	483	486	552	583	643	653	66.8
Carpets and rugs, other than rag	31,309	33,021	33,166	33,175	32,941	32,902	31,472	29,262	29,362	30,292	30,843	29,240	30,032	88.1
Carpets, rag	2,130	1,943	1,994	2,072	2,271	2,359	2,336	2,169	2,127	2,118	2,108	2,071	1,992	82.4
Carriage and wagon materials	11,087	11,985	12,274	12,445	12,370	11,967	11,392	11,049	10,588	10,127	9,728	9,534	9,585	76.6
Carriages and sleds, children's	5,900	6,198	6,211	6,150	6,056	5,892	5,637	5,562	5,422	5,757	5,970	6,052	5,893	87.3
Carriages and wagons	41,304	40,609	42,998	44,284	44,946	44,419	44,067	42,893	42,283	40,075	37,629	35,430	35,965	78.9
Cars and general shop construction and repairs by electric railroad companies	26,384	26,267	26,709	26,869	26,880	26,919	26,745	26,970	26,694	26,336	25,945	25,139	25,185	93.2
Cars and general shop construction and repairs by steam railroad companies	339,518	343,590	340,925	340,933	333,423	332,026	332,735	343,576	345,275	347,031	345,195	338,300	331,207	95.4
Cars, electric railroad, not including operations of railroad companies	3,840	4,754	4,182	3,889	3,914	3,748	3,893	4,047	4,069	3,857	3,686	3,158	2,333	60.6
Cars, steam railroad, not including operations of railroad companies	54,288	63,678	56,077	55,359	51,080	50,532	53,214	56,893	58,529	56,184	54,707	50,050	45,153	70.9
Cash registers and calculating machines	8,956	10,187	10,220	10,138	10,180	9,876	9,621	9,341	8,817	7,812	7,137	7,123	7,020	68.7
Cement	27,916	27,127	25,131	26,246	28,498	29,330	30,105	29,864	29,932	29,948	29,199	25,581	24,031	79.8
Charcoal, not including production in lumber and wood-distillation industries	228	202	192	236	231	256	228	227	233	243	241	225	222	75.0
Cheese	2,908	1,692	1,723	1,987	3,040	3,645	3,810	3,778	3,643	3,488	3,262	2,689	2,139	44.4
Chemicals	32,311	32,634	32,172	32,681	32,442	31,959	31,876	31,914	32,280	32,813	32,451	32,294	32,216	97.1
China decorating, not including that done in potteries	295	299	321	316	304	292	301	279	278	299	297	291	263	81.9
Chocolate and cocoa products, not including confectionery	4,160	4,180	4,242	4,298	4,260	4,109	3,978	3,619	3,777	4,355	4,512	4,389	4,201	80.2
Cleansing and polishing preparations	1,239	1,261	1,306	1,347	1,336	1,227	1,213	1,178	1,169	1,201	1,189	1,198	1,243	86.8
Clocks	6,754	6,979	7,030	7,094	6,874	6,753	6,780	6,515	6,615	6,745	6,719	6,578	6,366	89.7
Cloth, sponging and refinishing	901	930	918	914	908	894	893	900	899	926	899	869	862	92.7
Clothing, horse	1,669	1,388	1,850	1,814	1,797	1,742	1,714	1,603	1,460	1,512	1,541	1,531	1,576	77.3
Clothing, men's	173,747	179,458	181,952	181,462	177,144	176,050	175,874	173,110	173,249	170,845	166,350	162,913	166,557	89.5
Clothing, men's, buttonholes	672	672	668	671	672	675	672	665	679	671	691	675	653	94.5
Clothing, women's	168,907	163,807	179,894	188,526	180,925	166,707	157,066	145,362	160,608	180,611	182,103	164,977	156,038	77.1
Coffee and spice, roasting and grinding	8,549	8,317	8,433	8,533	8,603	8,593	8,684	8,570	8,918	8,959	8,560	8,212	8,206	91.6
Coffins, burial cases, and undertakers' goods	9,468	9,674	9,703	9,718	9,691	9,576	9,487	9,345	9,360	9,288	9,320	9,198	9,256	94.6
Coke, not including gas-house coke	21,107	22,239	22,845	24,205	23,257	22,072	21,476	21,386	20,759	20,255	19,077	17,903	17,710	73.2

No. 197.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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 forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Collars and cuffs, men's	10,100	10,056	10,017	10,108	10,150	10,107	9,982	*9,631*	9,693	10,081	10,856	10,325	10,194	88.7
Combs and hairpins, not made from metal or rubber	2,773	2,814	2,939	3,052	2,700	2,502	*2,268*	2,398	2,774	3,161	3,265	2,781	2,622	71.7
Condensed milk, and milk products other than butter and cheese	6,002	*5,281*	5,513	5,589	6,016	6,563	6,956	6,823	6,161	6,136	5,860	5,644	5,482	75.9
Confectionery and ice cream	53,658	50,890	51,002	52,693	50,872	49,582	48,368	*48,074*	51,886	58,434	62,080	60,261	59,754	77.4
Cooperage	17,128	16,606	16,639	17,101	17,392	17,360	17,816	17,159	16,806	17,762	17,788	16,811	*16,296*	91.5
Copper, tin, and sheet-iron work	28,714	27,812	*26,915*	27,545	28,518	29,152	29,276	29,480	29,652	29,825	29,674	29,021	27,698	90.2
Cordage and twine	15,769	16,287	16,427	16,478	16,629	16,521	16,516	16,346	*13,445*	14,028	15,708	15,288	15,555	80.9
Cordials and flavoring sirups	929	809	841	832	901	983	1,458	935	917	1,025	837	*781*	829	53.6
Cork, cutting	3,454	3,695	3,716	3,793	3,720	3,587	3,557	3,443	3,313	3,436	3,222	2,997	*2,969*	78.3
Corsets	20,496	21,633	22,092	22,289	22,315	21,619	21,065	20,290	20,238	19,800	18,813	18,049	*17,749*	79.5
Cotton goods	379,366	389,980	388,585	387,447	386,989	384,516	380,001	375,484	*369,138*	369,284	371,584	374,004	375,380	94.7
Cotton small wares	6,598	6,723	6,804	6,861	6,896	6,804	6,605	6,535	6,376	6,458	6,415	6,355	*6,344*	92.0
Crucibles	302	314	298	321	317	310	296	298	294	*286*	308	295	287	89.1
Cutlery and edge tools	16,561	17,005	17,437	17,326	17,168	16,962	16,807	*15,335*	16,425	16,112	16,277	16,084	15,794	87.9
Dairymen's, poultrymen's, and apiarists' supplies	*5,551*	5,922	6,543	6,768	6,369	5,803	5,551	5,194	4,927	4,780	*4,684*	4,803	5,268	69.2
Dental goods	3,080	3,328	3,369	3,386	3,410	3,434	3,458	3,453	2,749	2,615	2,586	2,600	*2,572*	74.4
Drug grinding	1,059	1,063	1,050	1,076	*1,021*	1,049	1,074	1,042	1,076	1,080	1,055	1,070	1,032	93.7
Druggists' preparations	9,277	9,549	9,558	9,540	9,423	9,311	9,146	8,976	*8,355*	9,301	9,351	9,247	9,067	92.6
Dyeing and finishing textiles, exclusive of that done in textile mills	48,467	49,059	50,369	51,070	50,815	49,681	49,291	47,915	46,981	48,007	47,662	*45,253*	45,501	88.6
Dyestuffs and extracts	2,839	2,719	*2,662*	2,779	2,838	2,848	2,849	2,798	2,785	2,917	2,989	2,967	2,917	89.1
Electrical machinery, apparatus, and supplies	118,078	128,766	126,610	126,240	123,742	120,956	118,743	116,340	115,347	113,768	110,944	108,203	*107,277*	83.3
Electroplating	2,584	2,555	2,567	2,583	2,572	2,599	2,583	2,542	*2,492*	2,584	2,665	2,647	2,614	93.5
Emery and other abrasive wheels	2,387	2,554	2,425	2,496	2,570	2,560	2,435	2,381	2,319	2,265	2,202	*2,196*	2,241	85.4
Enameling	1,314	1,379	1,358	1,367	1,338	1,370	1,363	1,314	*1,226*	1,278	1,270	1,250	1,255	88.9
Engines, steam, gas, and water	29,657	30,183	30,885	31,343	32,033	31,643	30,886	30,114	30,010	28,024	26,946	*26,669*	27,148	83.3
Engravers' materials	106	103	104	104	105	107	105	*100*	102	110	110	110	112	89.3
Engraving and diesinking	1,536	1,527	1,520	1,539	1,515	1,531	*1,504*	1,511	1,530	1,514	1,555	1,560	1,626	92.5
Engraving, steel and copperplate, including plate printing	6,859	7,020	6,977	6,917	6,951	7,022	6,971	6,710	*6,624*	6,724	6,761	6,704	6,927	94.3
Engraving, wood	302	296	*285*	295	298	322	321	335	289	296	299	291	297	85.1
Envelopes	6,970	7,007	6,995	7,129	7,174	7,085	6,968	6,813	*6,771*	6,954	6,986	6,908	6,850	94.4
Explosives	6,306	6,398	6,168	6,218	6,154	5,917	5,910	*5,877*	5,947	5,990	6,129	7,014	7,950	73.9
Fancy articles, not elsewhere specified	7,399	*6,612*	7,048	7,102	7,124	7,251	7,280	7,292	7,548	8,075	8,318	7,892	7,246	84.7

Feathers and plumes	4,483	4,285	4,784	4,725	4,628	4,288	4,058	4,239	4,662	5,391	4,856	4,051	3,829	71.0
Felt goods	4,035	4,282	4,097	4,176	4,142	4,045	4,008	3,872	3,874	3,953	4,008	3,952	4,011	90.4
Fertilizers	22,815	22,571	30,647	38,332	32,977	21,793	18,286	17,603	18,041	20,863	18,249	17,564	16,854	44.0
Files	4,349	4,510	4,538	4,539	4,481	4,475	4,410	4,432	4,400	4,204	4,164	4,020	4,015	88.5
Firearms	7,064	7,401	7,437	7,443	7,343	7,227	7,018	6,816	6,742	6,926	6,879	6,987	7,549	76.1
Fire extinguishers, chemical	256	255	258	261	260	266	261	248	239	254	267	256	247	89.5
Fireworks	1,324	1,267	1,378	1,435	1,531	1,660	1,691	992	1,351	1,327	1,140	1,095	1,021	58.7
Flags and banners	1,495	1,351	1,407	1,478	1,552	1,599	1,624	1,503	1,477	1,518	1,498	1,485	1,448	83.2
Flavoring extracts	1,461	1,323	1,341	1,395	1,487	1,575	1,612	1,569	1,552	1,490	1,445	1,402	1,341	82.1
Flax and hemp, dressed	116	162	180	169	108	111	85	87	83	102	108	98	99	46.1
Flour-mill and gristmill products	39,718	39,284	39,140	39,058	38,324	37,921	38,114	39,560	40,526	41,684	41,234	41,028	40,743	91.0
Food preparations, not elsewhere specified	20,306	19,139	19,444	19,652	19,683	19,018	19,214	19,803	20,547	22,341	22,800	21,606	20,425	83.4
Foundry and machine-shop products	362,471	380,036	380,565	384,214	383,296	377,960	372,043	367,430	360,118	345,894	338,380	328,974	330,742	85.6
Foundry supplies	555	486	483	519	552	574	603	598	603	573	584	603	482	79.9
Fuel, manufactured	141	129	98	125	112	106	93	110	123	177	193	205	221	42.1
Fur goods	9,030	7,487	7,069	7,205	7,217	7,332	8,020	8,634	9,348	10,829	11,671	11,957	11,591	59.1
Furnishing goods, men's	22,459	22,179	22,467	22,929	22,447	21,965	21,871	21,752	21,625	22,614	23,439	23,321	22,899	92.3
Furniture	127,881	131,801	135,295	136,341	133,507	129,765	126,518	122,101	126,070	125,673	124,879	122,161	119,861	87.9
Furs, dressed	1,525	1,224	1,256	1,297	1,437	1,721	1,705	1,702	1,617	1,734	1,609	1,600	1,398	70.6
Galvanizing	1,580	1,577	1,686	1,771	1,660	1,602	1,663	1,745	1,666	1,678	1,478	1,198	1,236	67.6
Gas and electric fixtures	10,913	11,046	11,083	11,002	10,836	10,647	10,444	10,129	10,461	11,172	11,764	11,409	10,963	86.1
Gas, illuminating and heating	43,792	41,603	41,017	41,488	44,276	47,204	47,572	46,962	45,772	44,213	42,999	41,404	40,994	86.2
Gas machines, and gas and water meters	4,972	4,682	5,069	5,154	5,125	5,111	5,208	5,153	5,161	4,959	4,687	4,662	4,693	89.5
Glass	74,502	83,002	85,875	86,461	85,644	82,973	74,347	55,433	49,861	62,683	72,075	77,383	78,287	57.7
Glass, cutting, staining, and ornamenting	8,067	8,437	8,524	8,447	8,283	8,002	7,834	7,380	7,993	8,140	7,987	7,937	7,840	86.6
Gloves and mittens, leather	10,668	11,762	11,745	11,791	11,573	11,379	11,348	11,012	11,059	9,788	9,417	8,561	8,581	72.6
Glucose and starch	4,509	4,850	4,932	4,948	4,608	4,182	4,405	4,157	4,403	4,627	4,377	4,139	4,480	83.6
Glue, not elsewhere specified	3,129	3,396	3,414	3,438	3,531	3,342	3,158	2,788	2,785	2,827	3,008	2,902	2,959	78.9
Gold and silver, leaf and foil	1,135	1,168	1,177	1,167	1,148	1,133	1,120	1,128	1,088	1,117	1,129	1,124	1,121	92.4
Gold and silver, reducing and refining, not from the ore	456	471	463	463	460	456	461	469	445	444	444	440	456	93.4
Graphite, ground and refined	250	258	259	253	255	250	263	248	187	213	270	261	283	66.1
Grease and tallow, not including lubricating grease	5,106	5,050	4,973	5,056	5,113	5,151	5,271	5,176	5,191	5,301	5,066	4,955	4,969	94.0
Grindstones	686	588	576	618	737	827	818	816	784	722	673	563	510	61.7
Haircloth	595	625	623	616	613	576	589	582	593	594	594	558	577	89.3
Hair work	1,193	1,192	1,226	1,283	1,248	1,244	1,207	1,144	1,170	1,209	1,188	1,124	1,081	84.3
Hammocks	285	253	277	323	331	351	361	289	220	232	264	263	256	60.9
Hand stamps	1,321	1,377	1,382	1,386	1,382	1,380	1,363	1,307	1,265	1,236	1,263	1,271	1,300	86.9
Hardware	41,213	43,036	43,403	43,651	43,264	42,265	41,054	40,071	40,022	39,582	39,673	39,448	39,087	89.5
Hardware, saddlery	2,511	2,758	2,778	2,770	2,528	2,456	2,396	1,931	2,418	2,435	2,552	2,551	2,559	69.5
Hat and cap materials	1,775	1,844	1,803	1,919	1,894	1,693	1,813	1,733	1,620	1,687	1,689	1,781	1,824	88.2
Hats and caps, other than felt, straw, and wool	7,322	7,200	7,338	7,409	7,267	7,388	7,316	7,350	7,339	7,502	7,391	7,152	7,212	95.3
Hats, fur-felt	21,318	21,519	21,783	21,581	20,518	19,791	20,134	22,030	22,269	22,356	22,438	20,844	20,553	88.2
Hats, straw	9,483	11,433	12,252	12,243	11,721	9,578	7,824	4,839	7,254	8,853	8,820	8,956	10,023	39.5
Hats, wool-felt	1,249	885	984	1,058	1,253	1,400	1,491	1,442	1,518	1,480	1,472	1,053	1,002	56.0
Hones and whetstones	170	188	195	205	213	199	199	181	152	128	126	121	133	56.8
Horseshoes, not made in steelworks or rolling mills	588	556	545	556	545	540	549	552	564	565	673	705	726	73.8
Hosiery and knit goods	150,520	152,974	155,683	157,636	157,054	155,273	153,071	148,572	142,779	143,747	147,513	146,356	145,582	90.6

No. 197.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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 forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
House-furnishing goods, not elsewhere specified	6,985	6,797	6,872	7,052	7,026	7,034	6,937	6,789	6,769	6,957	7,176	7,051	*6,760*	94.2
Ice, manufactured	23,011	*15,144*	15,660	17,128	21,023	25,686	30,825	32,526	32,104	28,896	23,065	18,085	15,990	46.6
Ink, printing	1,391	1,391	1,383	*1,374*	*1,374*	1,377	1,385	1,402	1,402	1,409	1,414	1,399	1,382	97.2
Ink, writing	512	462	494	502	532	552	519	498	544	570	521	493	*457*	82.8
Instruments, professional and scientific	7,107	*6,670*	6,796	7,101	7,161	7,255	7,257	7,301	7,088	7,213	7,564	6,998	6,880	88.2
Iron and steel, blast furnaces	29,356	31,898	31,869	32,813	32,851	31,733	30,782	29,921	29,000	27,757	26,407	*25,329*	23,912	71.0
Iron and steel, steelworks and rolling mills	248,716	257,651	262,418	271,531	270,941	254,443	254,827	252,680	247,953	249,635	233,338	*210,279*	218,896	77.4
Iron and steel, bolts, nuts, washers, and rivets, not made in steelworks or rolling mills	10,658	11,166	11,003	11,132	11,328	11,079	10,649	10,787	10,721	10,393	9,948	*9,880*	9,860	88.0
Iron and steel, doors and shutters	1,985	1,946	2,028	1,921	1,980	1,944	*1,817*	1,857	1,859	1,957	2,139	2,240	2,132	81.1
Iron and steel forgings, not made in steelworks or rolling mills	10,689	10,926	11,148	11,472	11,372	10,877	10,465	10,589	10,459	10,372	10,178	*10,012*	10,398	87.3
Iron and steel nails and spikes, cut and wrought, including wire nails not made in steelworks or rolling mills	2,644	2,775	2,743	2,786	2,721	2,612	2,562	*2,559*	2,551	2,565	2,594	2,625	2,644	93.0
Iron and steel, cast-iron pipe	12,557	11,816	12,572	13,193	13,701	12,613	12,849	13,221	13,427	13,211	12,555	11,336	*11,190*	83.3
Iron and steel, wrought pipe	8,845	9,834	9,794	9,836	10,754	9,947	8,804	9,766	8,481	7,436	7,008	*6,796*	7,674	63.1
Ivory, shell and bonework, not including combs and hairpins	795	804	823	821	805	787	783	780	774	805	807	793	*768*	92.1
Japanning	228	223	224	228	256	263	238	231	229	224	210	210	*200*	76.0
Jewelry	28,289	30,377	29,941	29,314	28,741	28,568	27,709	*26,542*	26,807	28,075	28,567	27,677	27,150	87.4
Jewelry and instrument cases	2,393	2,294	2,303	2,338	2,359	2,353	2,318	*2,292*	2,351	2,487	2,626	2,586	2,409	87.3
Jute goods	7,987	8,221	8,234	8,308	8,383	8,366	8,326	8,266	8,060	7,891	7,491	7,237	*7,061*	84.2
Labels and tags	2,600	2,614	2,616	2,625	2,577	2,596	2,587	2,635	2,621	2,621	2,604	2,588	*2,516*	95.5
Lace, cotton	7,440	7,944	7,999	8,182	7,955	7,594	7,307	7,220	7,188	7,156	7,385	6,758	*6,612*	87.5
Lamps and reflectors	7,134	7,773	7,980	8,032	8,047	7,283	7,106	6,759	6,635	6,592	6,719	6,568	*6,114*	76.0
Lapidary work	584	754	698	747	741	707	730	677	486	476	397	339	*256*	34.0
Lard, not made in slaughtering and meat-packing establishments	19	19	20	*21*	*18*	*18*	*18*	*18*	*18*	*18*	20	*21*	19	85.7
Lasts	2,094	2,323	2,362	2,203	2,098	2,051	1,997	2,102	2,054	*1,995*	1,979	2,039	2,015	80.6
Lead, bar, pipe, and sheet	585	567	591	596	592	589	606	605	600	576	573	566	*559*	92.2
Leather goods, not elsewhere specified	7,071	*6,677*	6,820	6,881	6,860	6,807	6,939	6,988	7,115	7,553	7,854	7,417	6,941	85.0
Leather, tanned, curried, and finished	55,936	58,250	58,455	58,743	58,001	57,609	56,530	55,216	54,294	53,715	*53,491*	53,793	53,735	91.1
Lime	12,429	11,076	*10,811*	*11,961*	*13,164*	13,407	13,154	13,342	13,745	13,670	12,876	11,768	*10,174*	80.6
Linen goods	3,567	3,683	3,681	3,719	3,704	3,603	3,451	*3,375*	3,422	3,498	3,589	3,530	3,549	90.8
Liquors, distilled	6,295	6,899	6,841	7,072	6,849	6,370	5,691	*5,251*	5,378	6,095	6,164	6,249	6,690	74.3
Liquors, malt	62,070	59,343	58,970	59,310	60,626	62,681	60,933	67,478	66,423	63,559	61,279	59,531	*58,707*	87.0

Liquors, vinous	2,292	2,056	1,991	2,008	2,037	1,959	1,843	1,769	1,940	3,309	3,627	2,666	2,299	48.8
Lithographing	15,171	15,080	15,039	15,160	15,178	15,240	15,343	15,209	15,208	15,176	15,187	15,158	15,074	98.0
Locomotives, not made by railroad companies	17,391	22,364	22,202	21,814	19,699	18,839	17,482	16,102	15,760	15,272	13,576	12,585	13,047	56.0
Looking-glass and picture frames	4,787	4,597	4,926	4,933	4,787	4,714	4,723	4,662	4,761	4,896	4,970	4,928	4,547	91.5
Lubricating greases	476	479	466	486	484	490	485	491	500	483	475	448	425	85.0
Lumber and timber products	479,786	488,367	494,736	507,229	502,607	507,876	500,581	493,776	482,532	465,920	455,178	436,895	421,785	83.0
Lumber, planing-mill products, not including planing mills connected with sawmills	96,214	91,452	92,207	93,717	96,844	99,049	100,863	101,228	101,147	99,079	96,680	92,916	89,336	88.3
Malt	1,989	2,350	2,386	2,326	2,209	1,933	1,816	1,650	1,540	1,629	1,911	1,974	2,094	64.5
Marble and stone work	54,981	48,653	47,732	51,564	56,477	58,414	59,378	59,568	60,039	59,231	57,031	52,533	49,152	79.5
Matches	3,800	4,275	4,380	4,244	4,099	3,890	3,585	3,121	3,250	3,590	3,835	3,787	3,544	71.3
Mats and matting, from cocoa fiber, grass, etc.	869	1,457	1,235	1,221	1,119	1,072	1,074	902	472	816	389	457	664	21.7
Mattresses and spring beds, not elsewhere specified	11,747	11,550	11,645	11,869	12,045	12,053	12,052	11,681	11,587	11,856	11,906	11,527	11,193	92.9
Millinery and lace goods	45,274	46,460	52,390	53,209	48,976	41,414	38,273	38,805	44,934	48,865	45,279	42,110	42,575	71.9
Mineral and soda waters	15,506	12,448	12,688	13,410	14,987	16,583	18,451	19,264	18,644	17,304	15,852	13,405	13,036	64.6
Minerals and earths, ground	4,707	4,759	4,550	4,859	5,075	4,947	4,886	4,623	4,679	4,728	4,742	4,437	4,199	82.7
Mirrors, framed and unframed	3,184	3,306	3,290	3,311	3,252	3,160	3,167	3,130	3,104	3,172	3,151	3,119	3,046	92.0
Models and patterns, not including paper patterns	4,274	4,238	4,430	4,500	4,466	4,412	4,284	4,338	4,267	4,128	4,031	4,068	4,126	89.6
Motorcycles, bicycles, and parts	6,680	8,843	9,177	8,840	8,300	7,872	6,270	5,351	4,792	4,333	4,608	5,360	6,414	47.2
Mucilage and paste	700	698	692	697	719	708	711	717	703	707	686	685	677	94.2
Musical instruments and materials, not elsewhere specified	1,831	1,792	1,825	1,845	1,855	1,810	1,805	1,772	1,802	1,812	1,864	1,880	1,910	92.8
Musical instruments, organs	3,063	3,191	3,217	3,231	3,194	3,115	3,103	3,077	2,994	2,918	2,920	2,866	2,930	88.7
Musical instruments, pianos	23,877	25,168	25,221	25,372	25,276	24,565	23,752	22,497	22,593	22,915	23,130	23,091	23,144	88.3
Musical instruments, piano and organ materials	10,616	11,633	11,712	11,839	11,522	11,035	10,451	9,776	9,789	9,865	9,899	9,888	9,983	74.2
Needles, pins, and hooks and eyes	5,339	5,497	5,474	5,445	5,421	5,405	5,268	5,318	5,199	5,288	5,279	5,258	5,216	94.6
Nets and seines	1,058	1,098	1,131	1,099	1,060	1,039	970	1,014	1,029	1,048	1,068	1,073	1,067	85.8
Oakum	116	116	122	111	107	112	106	112	119	121	121	123	122	86.2
Oil, cottonseed and cake	21,810	32,459	28,065	21,368	13,561	8,421	7,063	7,361	10,015	24,787	35,478	36,838	36,304	19.2
Oil, essential	249	202	199	215	218	223	288	287	359	307	253	231	206	55.4
Oil, linseed	1,488	1,770	1,680	1,614	1,352	1,274	1,104	1,118	1,236	1,289	1,733	1,853	1,833	59.6
Oil, not elsewhere specified	2,049	1,840	1,919	1,880	1,936	1,948	2,240	2,270	2,194	2,248	2,218	2,016	1,879	81.1
Oilcloth and linoleum, floor	4,428	4,572	4,556	4,564	4,499	4,503	4,528	4,267	4,263	4,359	4,431	4,262	4,332	93.2
Oilcloth, enameled	1,223	1,298	1,303	1,295	1,275	1,224	1,208	1,156	1,186	1,166	1,188	1,184	1,193	88.7
Oleomargarine	917	1,007	1,016	1,039	897	762	744	801	821	961	935	951	1,020	72.9
Optical goods	7,919	7,929	8,029	8,178	8,083	8,062	8,071	7,745	7,682	7,575	7,721	7,907	8,046	92.6
Paints	13,349	13,002	13,501	13,752	13,978	14,024	14,049	13,293	13,157	13,229	12,948	12,683	12,578	89.5
Paper and wood pulp	88,457	89,140	89,235	89,756	89,916	89,633	88,389	87,061	86,725	88,847	88,830	87,018	86,934	96.6
Paper goods, not elsewhere specified	13,495	13,544	13,665	13,901	14,158	14,277	13,846	13,399	13,135	13,180	13,207	12,929	12,699	88.9
Paper patterns	1,073	1,015	1,038	1,068	1,057	1,055	1,111	1,129	1,123	1,106	1,070	1,054	1,052	89.7
Patent medicines and compounds	13,328	13,878	14,143	14,235	14,000	13,569	12,753	12,804	12,548	12,862	12,945	13,082	13,122	88.1
Paving materials	19,540	13,698	12,824	14,755	19,331	22,018	23,830	24,328	24,226	23,739	22,234	18,793	14,704	52.7
Peanuts, grading, roasting, cleaning, and shelling	2,353	2,825	2,799	2,834	2,716	2,354	1,933	1,784	1,932	2,094	1,878	2,407	2,680	62.9
Pencils, lead	4,330	4,241	4,366	4,298	4,302	4,418	4,408	4,343	4,313	4,317	4,300	4,348	4,306	96.0
Pens, fountain and stylographic	1,154	1,178	1,183	1,192	1,174	1,159	1,138	1,138	1,142	1,135	1,136	1,141	1,134	95.1
Pens, gold	246	282	272	245	247	243	243	231	241	242	242	237	237	80.5
Pens, steel	573	577	557	549	575	577	596	586	580	579	577	582	541	90.8
Perfumery and cosmetics	2,897	2,646	2,752	2,899	2,940	2,928	2,905	2,846	2,786	2,948	3,150	3,000	2,964	84.0
Petroleum, refining	25,366	25,068	25,053	25,833	25,565	25,138	25,572	25,849	24,946	25,516	25,773	25,211	24,868	96.2

No. 197.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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 forms of maximum.
		January.	February.	March.	April.	May.	June.	July	August.	September.	October.	November.	December.	
Phonographs and graphophones	9,381	9,276	9,050	9,413	9,441	9,617	9,177	9,523	9,673	*8,743*	9,017	9,635	10,007	87.4
Photo-engraving, not done in printing establishments	6,211	6,317	6,268	6,306	6,339	6,298	6,207	6,136	6,121	*6,080*	6,132	6,137	6,191	95.9
Photographic apparatus	2,016	2,087	2,169	2,192	2,166	2,110	2,113	2,029	1,978	1,854	1,862	1,819	*1,813*	82.7
Photographic materials	6,658	6,919	7,020	7,024	7,012	6,919	6,879	6,888	6,809	6,296	6,177	5,981	*5,972*	85.0
Pickles, preserves, and sauces	12,590	10,276	10,742	10,333	*10,026*	10,179	11,641	12,312	*14,381*	19,136	17,540	12,980	11,534	52.4
Pipes, tobacco	2,354	2,331	2,442	2,477	2,439	2,463	2,374	2,205	2,336	2,314	2,338	2,371	*2,158*	87.1
Plated ware	8,717	8,817	9,097	9,191	9,049	8,904	8,664	*8,204*	8,448	8,594	8,734	8,622	8,280	89.3
Plumbers' supplies, not elsewhere specified	18,479	17,986	18,383	18,488	18,529	18,562	19,047	19,372	19,394	18,718	18,342	17,722	*17,205*	88.7
Pocketbooks	1,466	1,300	1,399	1,545	1,506	1,432	1,398	1,438	1,517	1,627	1,695	1,492	*1,243*	73.3
Pottery	26,705	26,034	26,732	27,240	27,301	27,099	26,668	*25,505*	26,754	26,963	27,188	26,737	26,179	93.6
Poultry, killing and dressing	1,353	1,408	926	*790*	894	965	1,016	956	953	1,060	1,402	2,708	3,158	25.0
Printing and publishing, book and job	113,121	114,868	115,215	116,496	114,034	113,221	112,223	*110,453*	110,475	111,999	112,852	112,726	112,890	94.8
Printing and publishing, music	873	893	889	901	887	876	850	*845*	849	873	877	884	852	93.8
Printing and publishing, newspapers and periodicals	114,375	114,492	114,495	114,838	114,812	114,842	114,145	112,555	*112,504*	113,694	115,041	115,248	115,834	97.1
Printing materials	423	411	409	411	429	436	413	410	*405*	422	451	445	434	89.8
Pulp goods	1,654	1,798	1,800	1,800	1,764	1,757	1,719	1,701	1,592	1,560	1,519	*1,403*	1,435	77.9
Pulp wood	421	528	399	253	*155*	370	474	505	451	445	486	451	535	29.0
Pumps, not including power pumps	2,134	2,280	2,263	2,313	2,305	2,217	2,151	*2,132*	*2,045*	*1,997*	*1,962*	*1,950*	*2,013*	*83.4*
Pumps, steam and other pumps	6,188	6,605	6,608	6,569	6,492	6,426	6,408	6,366	6,224	6,027	5,710	5,422	*5,399*	81.7
Refrigerators	5,617	6,056	6,260	6,361	6,339	6,231	5,962	5,446	*4,482*	4,498	4,862	5,424	5,483	70.5
Regalia and society badges and emblems	2,010	1,971	2,007	2,086	2,128	2,121	2,100	1,997	*1,916*	1,928	2,005	1,943	1,918	90.0
Rice, cleaning and polishing	1,253	1,758	1,690	1,342	1,175	819	344	*332*	608	1,567	1,701	1,852	1,848	17.9
Roofing materials	4,088	3,825	3,787	4,003	4,232	4,295	4,240	4,205	4,131	4,325	4,314	3,970	*3,729*	86.2
Rubber goods, not elsewhere specified	50,220	47,201	50,788	54,078	57,317	58,246	54,624	51,414	46,617	46,629	45,881	*44,574*	45,271	76.5
Rules, ivory and wood	408	515	483	472	455	400	393	382	376	351	352	*344*	373	66.8
Saddlery and harness	12,969	13,765	13,854	13,653	13,399	13,135	12,834	12,436	12,105	*11,876*	12,401	12,679	13,491	85.7
Safes and vaults	2,972	3,148	3,200	3,142	3,157	3,108	3,065	2,978	2,842	2,769	2,777	*2,721*	2,757	85.0
Salt	5,089	4,731	*4,654*	4,875	5,096	5,126	5,128	5,167	5,221	5,448	5,492	5,159	4,971	84.7
Sand and emery paper and cloth	681	747	736	736	724	624	622	*616*	625	653	645	715	729	82.5
Sand-lime brick	557	404	*396*	493	544	714	726	686	702	604	515	476	430	55.0
Sausage, not made in slaughtering and meat-packing establishments	2,244	2,270	2,259	2,228	2,177	*2,174*	2,186	2,218	2,250	2,270	2,303	2,309	2,284	94.2
Saws	4,560	4,755	4,733	4,784	4,755	4,710	4,662	4,584	4,494	4,382	4,299	4,294	*4,268*	89.2
Scales and balances	4,467	4,659	4,867	4,885	4,774	4,704	4,711	4,616	4,460	4,118	4,005	3,941	*3,864*	79.1
Screws, machine	3,643	3,808	3,814	3,903	3,943	3,815	3,688	3,647	3,535	3,344	*3,273*	3,388	3,558	83.0

Screws, wood	4,446	5,171	5,036	4,858	4,658	4,593	4,512	4,406	4,274	4,264	3,966	3,820	3,724	82.5
Sewing-machine cases	3,699	4,236	4,249	4,255	4,183	4,027	4,110	3,952	3,570	3,439	2,880	2,737	2,750	64.4
Sewing machine and attachments	14,308	16,056	15,803	15,739	15,475	14,985	14,720	14,648	14,098	12,819	12,812	12,449	12,592	76.7
Shipbuilding, iron and steel	33,508	36,262	35,435	36,788	36,636	36,773	36,222	34,822	32,967	29,808	28,743	28,107	29,553	76.4
Shipbuilding, wooden, including boat building	10,981	10,776	10,341	11,746	12,305	12,794	12,388	11,342	10,639	10,062	10,419	9,736	9,224	72.1
Shirts	51,972	56,006	56,487	56,659	54,890	53,483	51,365	49,985	48,164	47,754	48,753	50,113	50,005	84.3
Show cases	2,257	2,301	2,353	2,392	2,395	2,374	2,291	2,194	2,184	2,212	2,179	2,127	2,082	86.9
Signs and advertising novelties	9,566	9,288	9,256	9,282	9,613	9,868	9,927	9,639	9,611	9,734	9,704	9,497	9,373	93.2
Silk goods, including throwsters	108,170	107,769	109,712	110,879	111,706	112,761	111,779	111,141	109,700	107,193	105,213	100,142	100,045	88.7
Silversmithing and silverware	7,070	7,283	7,298	7,214	7,110	6,973	6,929	6,465	6,887	7,053	7,249	7,239	7,160	88.6
Slaughtering and meat packing	98,832	106,613	103,062	99,633	94,090	91,973	95,108	94,848	91,292	95,128	101,938	103,859	108,440	84.2
Smelting and refining, copper	17,731	20,778	19,867	20,381	20,811	20,725	20,837	20,502	16,233	13,568	13,435	12,295	13,340	59.0
Smelting and refining, lead	7,385	7,752	7,564	7,541	7,560	7,512	7,640	7,449	7,510	7,147	7,039	6,779	7,077	87.4
Smelting and refining, zinc	9,617	9,748	9,663	9,824	9,683	9,663	9,439	9,260	9,344	9,667	9,801	9,562	9,750	94.3
Smelting and refining, not from the ore	2,585	2,828	2,732	2,777	2,832	2,801	2,779	2,713	1,839	2,160	2,525	2,517	2,517	64.9
Soap	14,172	14,212	14,325	14,427	14,461	14,418	14,138	13,893	13,927	14,160	14,286	14,106	13,711	94.8
Soda-water apparatus	2,229	2,320	2,271	2,409	2,489	2,477	2,342	2,157	2,076	1,950	2,097	2,064	2,096	78.3
Sporting and athletic goods	5,602	5,893	5,886	5,961	5,478	5,501	5,647	5,407	5,175	5,416	5,595	5,569	5,696	86.8
Springs, steel, car, and carriage, not made in steelworks or rolling mills	3,703	3,584	3,566	3,790	3,818	3,806	3,682	3,528	3,597	3,862	3,639	3,715	3,849	91.4
Stamped and enameled ware, not elsewhere specified	28,731	28,732	29,787	30,785	30,537	30,046	29,187	28,374	28,180	28,296	28,138	26,408	26,802	85.4
Stationery goods, not elsewhere specified	7,728	7,601	7,737	7,953	7,879	7,894	7,946	7,720	7,679	7,699	7,625	7,506	7,497	94.3
Statuary and art goods	1,988	1,896	1,907	1,959	1,935	1,941	1,951	1,921	2,086	2,044	2,065	2,099	2,052	90.3
Steam fittings and steam and hot-water heating apparatus	26,388	26,338	27,061	27,388	26,767	26,483	26,071	26,641	27,178	26,450	25,913	25,032	25,334	91.4
Steam packing	4,213	4,506	4,499	4,473	4,293	4,185	4,241	4,095	3,949	4,045	4,153	4,085	4,032	87.6
Stencils and brands	446	453	462	452	454	444	439	430	441	441	443	436	457	93.1
Stereotyping and electrotyping	3,457	3,470	3,511	3,493	3,494	3,487	3,465	3,437	3,438	3,426	3,425	3,413	3,425	97.2
Stoves and hot-air furnaces	29,535	27,112	30,828	31,650	31,496	30,892	30,524	26,751	28,870	29,797	30,442	28,967	27,091	84.5
Stoves, gas and oil	7,790	7,622	8,127	8,373	8,612	8,435	8,709	7,828	7,033	7,166	7,411	7,059	7,105	80.8
Structural ironwork, not made in steelworks or rolling mills	47,167	46,876	45,859	45,744	46,508	48,279	49,880	50,214	50,184	48,912	46,823	44,202	42,528	84.7
Sugar, beet	7,997	6,593	2,527	2,537	3,164	3,989	4,045	4,470	7,180	9,066	20,353	18,686	13,354	12.4
Sugar, cane	3,632	1,453	893	673	701	723	837	1,062	1,017	1,338	7,253	14,635	12,979	4.6
Sugar, refining	11,253	9,112	9,930	11,722	11,983	12,229	12,792	12,471	12,397	11,593	10,390	10,117	10,300	71.2
Sulphuric, nitric, and mixed acids	3,064	2,858	2,903	2,900	2,898	2,926	3,007	2,952	3,090	3,049	3,312	3,346	3,527	81.0
Surgical appliances	4,282	4,121	4,261	4,276	4,244	4,249	4,148	4,122	4,111	4,291	4,491	4,625	4,445	88.9
Suspenders, garters, and elastic-woven goods	9,646	9,722	9,975	10,027	9,942	9,710	9,588	9,664	9,625	9,762	9,625	9,226	8,886	88.6
Theatrical scenery	88	80	81	78	87	90	93	101	97	100	89	88	72	71.3
Tin plate and terneplate	5,238	5,222	5,277	5,686	5,702	5,591	5,580	5,448	4,943	5,427	5,526	4,300	4,154	72.9
Tin foil	1,031	968	978	1,002	1,006	1,004	998	1,006	1,067	1,111	1,085	1,087	1,060	87.1
Tinware, not elsewhere specified	22,584	20,485	21,422	22,137	23,204	23,505	24,078	24,134	24,627	24,940	22,799	20,139	19,538	78.3
Tobacco; chewing and smoking and snuff	25,980	26,855	27,382	27,995	27,566	26,320	25,679	25,479	24,918	25,811	24,892	24,575	24,288	86.8
Tobacco, cigars, and cigarettes	152,892	151,986	153,232	153,488	149,915	152,070	152,270	152,213	153,363	154,810	156,404	154,005	150,948	95.9
Tools, not elsewhere specified	16,866	17,885	17,812	17,910	17,734	17,346	16,748	16,746	16,606	16,186	15,905	15,691	15,823	87.6
Toys and games	7,887	5,745	6,438	6,853	7,165	7,501	7,861	8,299	8,712	9,818	10,135	9,086	7,031	56.7
Trunks and valises	9,911	9,816	10,324	10,427	10,633	10,318	10,174	10,124	9,935	9,845	9,643	9,096	8,597	80.9
Turpentine and rosin	34,817	33,717	33,984	35,759	37,408	37,767	37,647	37,579	35,747	34,031	32,698	31,150	30,407	80.5
Type founding	1,054	1,060	1,094	1,112	1,114	1,056	1,039	1,002	989	1,065	1,048	1,036	1,033	88.8
Typewriters and supplies	11,091	13,074	13,164	13,273	13,228	12,891	12,504	11,952	8,290	7,686	8,751	9,011	9,268	57.9

No. 197.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, 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 forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Umbrellas and canes	4,792	5,015	5,150	5,143	5,060	4,981	4,760	4,473	*4,469*	4,726	4,738	4,519	4,470	86.8
Upholstering materials, not elsewhere specified	4,426	4,535	4,471	4,523	4,562	4,574	4,341	4,298	*4,246*	4,273	4,510	4,485	4,294	92.8
Varnishes	2,734	2,721	2,776	2,841	2,874	2,881	2,822	2,737	2,664	2,643	2,616	*2,605*	2,628	90.4
Vault lights and ventilators	601	546	*540*	558	582	616	633	620	600	635	639	633	610	84.5
Vinegar and cider	1,229	776	*768*	777	776	778	815	882	1,006	1,651	2,529	2,477	1,513	30.4
Wall paper, not made in paper mills	4,738	5,517	5,466	5,202	4,864	4,448	4,007	3,945	*3,176*	4,633	5,064	5,234	5,300	57.6
Wall plaster	5,389	4,966	4,998	5,230	5,695	5,691	5,667	5,752	5,750	5,596	5,361	5,065	*4,897*	85.1
Washing machines and clothes wringers	2,302	2,371	2,461	2,512	2,503	2,528	2,321	2,316	2,182	2,191	2,173	2,046	*2,020*	79.9
Waste	2,966	2,975	3,050	3,108	2,982	3,027	3,074	2,864	3,030	2,947	2,979	2,793	*2,763*	88.9
Watch and clock materials	670	727	715	706	695	686	653	629	*623*	649	650	646	661	85.7
Watchcases	3,514	3,887	3,859	3,825	3,805	3,699	3,659	3,283	3,382	3,312	3,209	3,161	*3,087*	79.4
Watches	12,390	12,863	12,885	12,913	12,487	12,557	12,388	*11,642*	12,185	12,197	12,280	12,210	12,073	90.2
Wheelbarrows	323	295	297	287	406	416	432	324	305	280	276	284	*274*	63.4
Whips	1,163	1,199	1,203	1,205	1,213	1,196	1,138	1,154	1,138	1,141	*1,112*	1,122	1,135	91.7
Windmills, not elsewhere specified	1,955	2,051	2,064	2,102	2,077	1,992	2,006	1,980	1,949	1,903	1,770	*1,739*	1,827	82.7
Window and door screens and weather strips	3,194	3,099	3,214	3,495	3,878	3,924	3,786	3,049	*2,687*	2,704	2,788	2,772	2,932	68.5
Window shades and fixtures	4,077	4,086	4,070	4,134	4,230	4,239	4,149	3,961	*3,910*	4,000	4,085	4,041	4,019	92.2
Wire	17,600	18,483	18,733	18,816	18,363	17,864	17,575	17,200	17,006	17,329	17,207	16,369	*16,255*	86.4
Wirework, including wire rope and cable, not elsewhere specified	12,126	12,544	12,648	12,756	12,744	12,558	12,106	*11,608*	11,650	11,707	11,825	11,756	11,610	91.0
Wood carpet	166	122	*120*	159	165	164	163	200	191	194	212	166	136	56.6
Wood distillation, not including turpentine and rosin	2,782	3,531	3,359	2,887	2,552	2,463	2,453	*2,434*	2,607	2,664	2,721	2,787	2,926	68.9
Wood preserving	2,830	2,809	*2,544*	2,811	2,848	2,943	2,991	3,131	3,010	2,829	2,772	2,694	2,578	81.3
Wood, turned and carved	11,615	12,414	12,655	12,542	12,343	11,870	11,398	11,093	10,965	*10,851*	11,082	10,965	11,202	86.6
Wooden goods, not elsewhere specified	6,418	6,478	6,681	6,676	6,794	6,584	6,538	6,279	6,258	*5,964*	6,251	6,172	6,341	87.8
Wool pulling	708	738	720	750	723	706	671	*658*	690	673	676	729	762	86.4
Wool scouring	1,059	1,044	1,132	1,161	1,087	1,199	1,118	1,096	950	*850*	906	1,047	1,118	70.9
Woolen and worsted goods	158,692	155,262	158,745	163,859	165,175	164,665	163,625	156,463	153,601	157,842	160,027	155,987	*149,053*	90.2
Wool shoddy	2,145	2,143	2,224	2,220	2,250	2,188	2,137	2,097	2,041	*2,014*	2,034	2,104	2,288	88.0
All other [1]	357	397	385	356	381	358	347	322	*307*	324	344	375	388	77.3
Total	7,036,337	7,075,682	7,141,594	7,242,752	7,217,320	7,148,650	7,100,368	7,018,867	7,020,683	7,086,815	7,006,331	6,736,968	*6,640,284*	91.7

[1] "All other" includes "Millstones," 2 establishments; "Ordnance and accessories," 2 establishments; "Pulp, from fiber other than wood," 3 establishments; and "Whalebone cutting," 1 establishment.

No. 198.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[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 forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Alabama	78,717	80,668	81,479	83,080	81,555	79,208	78,532	79,646	79,181	78,750	76,231	73,252	*73,022*	87.9
Arizona	6,898	7,079	6,915	7,053	7,432	7,678	7,774	7,715	7,076	6,262	*5,847*	5,916	6,029	75.2
Arkansas	41,979	41,118	40,686	41,252	41,011	41,369	42,470	44,658	45,506	43,652	42,951	40,265	*38,810*	85.3
California	139,481	*119,688*	121,611	126,749	135,252	140,981	144,762	157,054	161,072	159,574	152,431	132,945	121,653	74.3
Colorado	27,278	26,816	*24,519*	24,836	25,489	25,710	26,667	28,258	27,994	27,959	31,004	29,667	28,417	79.1
Connecticut	226,264	228,033	230,542	233,083	232,162	231,433	228,252	223,031	*219,789*	222,889	223,118	220,393	221,543	94.3
Delaware	22,155	21,485	21,304	21,861	21,776	21,908	22,834	21,418	24,134	28,364	23,667	18,922	*18,187*	64.1
District of Columbia	8,877	8,696	8,672	*8,658*	8,725	9,003	8,869	8,765	8,885	8,965	8,995	9,064	9,227	93.8
Florida	55,608	55,647	55,851	56,595	57,066	56,968	56,764	57,775	55,924	55,071	55,354	*52,087*	52,194	90.2
Georgia	104,461	109,508	113,257	115,286	109,489	103,590	101,939	101,703	100,898	100,934	100,428	98,749	*97,751*	84.8
Idaho	8,919	6,915	*6,414*	7,577	8,738	9,853	10,583	10,368	10,069	10,091	9,831	8,783	7,806	60.6
Illinois	506,943	517,634	518,292	521,752	514,505	508,665	512,246	*505,982*	502,603	504,543	505,655	488,164	*483,275*	92.6
Indiana	197,503	196,936	198,650	203,312	205,317	203,442	203,167	199,301	201,206	206,040	195,460	180,266	*176,989*	85.9
Iowa	63,113	61,051	60,856	62,144	62,970	62,982	63,658	63,519	67,845	67,085	63,639	60,946	*60,661*	89.4
Kansas	41,259	40,351	*39,748*	39,986	40,170	40,681	41,295	42,361	41,834	42,288	42,750	42,290	41,354	93.0
Kentucky	64,586	63,088	63,832	65,834	66,072	65,995	65,633	65,207	66,145	66,067	64,742	61,931	*60,486*	91.4
Louisiana	77,665	78,445	77,385	78,311	78,905	76,604	76,265	77,889	75,848	*75,158*	78,032	81,183	77,955	92.6
Maine	82,149	82,527	82,406	81,457	79,169	83,812	*80,810*	78,888	79,811	83,053	87,519	83,540	77,796	88.4
Maryland	111,585	106,837	106,899	106,456	110,167	110,968	110,879	107,202	123,844	134,437	118,633	101,835	*99,583*	73.9
Massachusetts	606,698	626,776	628,535	633,583	623,344	619,082	611,928	595,609	588,703	589,194	590,992	587,141	*580,489*	91.6
Michigan	271,090	273,067	277,824	282,176	281,040	278,103	269,532	268,399	274,164	273,866	270,454	254,678	*249,777*	88.5
Minnesota	92,834	98,336	100,110	96,982	92,417	92,257	92,310	92,007	91,128	89,739	90,525	89,202	*88,995*	88.9
Mississippi	46,702	48,363	47,519	47,810	47,290	45,296	45,097	46,143	47,304	48,010	47,774	45,881	*43,997*	90.8
Missouri	152,182	151,293	151,799	155,240	156,968	155,556	156,296	156,263	155,356	154,431	152,048	141,558	*139,366*	88.8
Montana	13,704	14,260	13,154	13,187	14,395	15,172	15,280	15,677	13,232	12,386	12,920	*12,368*	12,417	78.9
Nebraska	25,144	24,159	*23,704*	24,103	24,560	25,147	25,802	25,726	26,795	26,210	26,017	24,852	24,653	88.5
Nevada	3,655	3,919	3,958	3,969	3,894	4,025	4,042	4,128	3,599	3,237	3,232	2,954	*2,853*	69.1
New Hampshire	78,993	82,803	82,243	81,296	80,099	9,344	78,427	78,018	77,279	*76,982*	77,402	76,993	77,030	93.0
New Jersey	373,605	375,612	377,720	381,166	383,830	389,376	379,332	371,217	367,483	372,481	372,664	362,322	*356,057*	92.8
New Mexico	3,776	3,621	3,628	*3,605*	3,804	3,926	3,892	4,032	3,927	3,846	3,816	3,606	3,614	89.4

No. 198.—Wage Earners: Number Employed in Manufactures, 1914, by Months, by States, and by Geographic Divisions—Con.

State.	Average number employed during year.	Wage earners employed on the 15th day of each month, or nearest representative day.												Per cent minimum forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
New York	1,057,857	1,055,575	1,078,354	1,094,773	1,084,215	1,067,030	1,053,471	1,033,953	1,037,475	1,067,384	1,072,512	1,034,649	*1,014,893*	92.7
North Carolina	136,844	138,553	138,731	141,491	140,511	139,150	137,182	136,775	135,011	134,465	133,804	133,544	*132,911*	93.9
North Dakota	3,275	3,000	*2,954*	2,976	3,104	3,207	3,442	3,625	3,554	3,533	3,397	3,333	3,175	81.5
Ohio	510,435	511,055	524,663	534,537	533,186	523,653	518,316	506,133	506,991	510,037	501,396	478,412	*476,841*	89.2
Oklahoma	17,443	17,365	17,176	17,164	17,493	17,807	17,334	17,232	*16,902*	17,398	18,088	17,911	17,446	93.4
Oregon	28,829	26,154	26,715	28,527	30,806	31,596	31,540	31,095	30,505	29,243	28,421	26,531	*24,815*	78.5
Pennsylvania	924,478	945,481	949,918	952,114	955,614	942,197	936,124	920,404	914,502	917,927	902,731	*873,198*	873,586	90.8
Rhode Island	113,425	116,501	116,597	116,685	116,349	115,661	114,119	111,600	110,936	112,035	112,300	110,056	*105,261*	92.8
South Carolina	71,914	75,728	76,898	77,256	73,826	71,200	69,830	69,334	*68,285*	69,215	69,557	70,540	71,299	88.4
South Dakota	3,788	3,490	*3,462*	3,560	3,588	3,715	3,794	3,878	3,992	3,990	4,087	4,007	3,893	84.7
Tennessee	74,373	73,538	74,236	76,116	77,312	76,040	76,450	76,034	76,047	75,559	72,672	70,269	*68,203*	88.2
Texas	74,853	76,993	75,559	74,217	73,261	*72,219*	73,078	75,779	76,587	76,983	75,588	73,654	74,318	93.8
Utah	13,894	13,035	*12,382*	12,578	13,101	13,386	14,262	15,401	14,993	15,794	15,525	13,334	12,937	78.4
Vermont	32,704	33,288	33,273	34,155	34,194	34,125	33,254	31,792	*31,213*	32,208	31,615	31,571	31,760	91.3
Virginia	102,820	100,795	101,063	103,802	106,175	105,902	104,916	102,697	103,418	108,590	106,016	96,944	*98,522*	86.1
Washington	67,205	58,748	62,691	69,411	73,351	74,736	75,182	72,996	73,757	70,227	64,047	58,243	*53,071*	70.6
West Virginia	71,078	71,642	71,608	74,664	76,677	76,205	73,332	69,880	71,044	71,664	69,773	63,875	*62,572*	81.6
Wisconsin	194,310	197,347	203,166	205,512	199,210	196,041	196,523	198,170	193,475	190,652	187,342	182,227	*182,055*	88.6
Wyoming	2,989	2,663	*2,641*	2,815	2,736	2,646	2,882	3,230	3,352	3,347	3,279	3,207	3,070	78.8
Total	7,036,337	7,075,682	7,141,594	7,242,752	7,217,320	7,148,650	7,100,368	7,018,867	7,020,683	7,086,815	7,006,331	6,736,698	6,640,284	91.7
Geographic divisions.[1]														
New England	1,140,233	1,169,928	1,173,596	1,180,259	1,170,317	1,163,457	1,146,790	1,119,838	1,107,731	1,121,361	1,122,946	1,109,694	*1,096,879*	92.9
Middle Atlantic	2,355,940	2,376,668	2,405,992	2,438,053	2,423,659	2,392,603	2,368,927	2,325,574	2,319,460	2,357,792	2,347,907	2,270,109	*2,244,556*	92.1
East North Central	1,680,281	1,696,039	1,722,595	1,747,289	1,733,258	1,709,904	1,699,784	1,677,985	1,678,439	1,685,138	1,660,307	1,583,747	*1,568,887*	89.8
West North Central	381,595	381,680	382,633	384,991	383,777	383,545	386,597	387,379	390,514	387,276	382,463	366,188	*362,097*	92.7
South Atlantic	685,342	688,891	694,283	708,069	704,412	694,894	686,545	675,549	691,443	711,705	686,227	645,060	*637,026*	89.5
East South Central	264,378	265,657	267,066	274,840	272,229	266,539	265,712	267,030	268,677	268,386	261,419	251,333	*245,648*	90.0
West South Central	211,940	213,921	210,806	210,944	210,670	*207,999*	209,147	215,558	214,843	213,191	*214,659*	*213,013*	*208,529*	96.5
Mountain	81,113	78,308	*73,606*	75,620	79,589	82,396	85,382	83,809	84,242	82,922	85,504	79,835	77,143	82.9
Pacific	235,515	204,590	211,017	224,687	239,409	247,313	251,484	261,145	265,334	259,044	244,899	217,719	*199,539*	75.2

[1] For States included in each division, see note 5, p. 34.

No. 199.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, CLASSIFIED ACCORDING TO PREVAILING HOURS OF LABOR, 1914.

[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	831,779	11.8	Between 60 and 72 hours	249,026	3.5
Between 48 and 54 hours	944,562	13.4	72 hours	106,080	1.5
54 hours	1,813,079	25.8	Over 72 hours	59,775	.8
Between 54 and 60 hours	1,547,374	22.0			
60 hours	1,484,662	21.1	Total	7,036,337	100.0

No. 200.—WAGES AND HOURS OF LABOR (UNION): Relative Hours of Labor per Week, Relative Rates of Wages per Hour, and Relative Rates of Wages per Week, Computed from Union Scales, 1914 to 1920.

[Source: Reports of the Bureau of Labor Statistics, Department of Labor. The figures are based on data obtained in the principal cities of the United States, 41 cities being covered for 1914, 47 cities for 1919, 48 cities for 1916, 56 for 1917, 58 for 1918, 61 for 1919, and 66 for 1920. The relative hours are percentages which indicate the change in the regular full-time working hours per week, account not being taken of loss of time from slack work or other causes. The relative wages are percentages which indicate the change in wages per hour and per full-time week. Hours and rates for 1913=100. The figures are based on the scale prevailing May 1, 1914 and 1915, and May 15, 1916, 1917, 1918, 1919, and 1920.]

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
	Bakers.			Building trades.								
				Bricklayers.			Bricklayers, sewer, tunnel, and caisson.			Building laborers.		
1914	99	102	102	100	102	102	100	100	100	100	101	101
1915	99	103	103	99	103	102	100	100	100	100	101	100
1916	98	107	105	99	104	103	100	100	100	99	106	104
1917	98	117	114	99	107	106	100	103	103	98	117	112
1918	96	142	136	99	115	114	100	111	111	98	137	130
1919	93	186	170	99	128	127	100	113	113	96	156	145
1920	90	264	234	99	175	173	100	152	152	95	226	208
	Building trades—Continued.											
	Carpenters.			Carpenters, parquetry-floor layers.			Cement finishers.			Cement finishers' helpers.		
1914	100	102	102	100	106	106	99	101	100	100	101	100
1915	100	103	103	100	107	107	99	102	101	100	101	101
1916	99	106	106	100	108	108	98	103	101	100	102	101
1917	99	115	115	100	116	116	97	109	106	100	106	106
1918	98	126	125	95	130	124	96	120	117	99	124	123
1919	98	146	144	95	149	142	95	135	130	99	141	140
1920	98	195	192	94	219	207	95	183	176	99	226	224
	Building trades—Continued.											
	Cement finishers' laborers.			Engineers, portable and hoisting.			Hod carriers.			Inside wiremen.		
1914	100	100	100	100	101	101	99	101	101	100	103	103
1915	100	100	100	99	102	101	99	102	102	99	105	104
1916	100	103	103	99	103	101	99	105	105	98	107	106
1917	100	110	109	98	108	106	99	117	117	98	114	112
1918	100	128	128	97	124	120	99	137	136	97	127	124
1919	99	145	144	96	136	130	98	160	159	97	146	141
1920	99	217	215	96	176	167	98	232	231	96	192	186
	Building trades—Continued.											
	Inside wiremen, fixture hangers.			Lathers.			Marble setters.			Marble setters' helpers.		
1914	99	106	105	100	102	102	100	101	101	100	101	100
1915	98	106	105	99	103	103	100	102	102	100	101	100
1916	96	110	107	99	106	105	100	102	102	100	101	100
1917	96	118	114	99	110	109	100	103	102	100	107	107
1918	96	129	125	99	119	117	100	108	107	100	112	112
1919	95	144	139	99	132	130	99	120	119	100	128	128
1920	95	194	186	98	189	185	99	158	157	100	216	216

No. 200.—Wages and Hours of Labor (Union): Relative Hours of Labor per Week, Relative Rates of Wages per Hour, and Relative Rates of Wages per Week, Computed from Union Scales, 1914 to 1920—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
	Building trades—Continued.											
	Painters.			Painters, fresco.			Painters, sign.			Plasterers.		
1914	100	103	103	99	104	104	100	100	100	100	101	100
1915	100	104	104	99	104	104	99	100	100	99	101	100
1916	99	113	112	98	117	115	99	103	102	98	105	103
1917	98	117	116	98	118	116	99	107	106	98	108	106
1918	98	129	127	98	122	120	99	117	116	98	113	111
1919	97	151	149	98	143	141	99	141	139	98	131	128
1920	95	206	196	92	205	189	99	190	188	98	171	167
	Building trades—Continued.											
	Plasterers' laborers.			Plumbers and gas fitters.			Sheet-metal workers.			Steam fitters.		
1914	100	102	102	100	101	101	100	104	104	99	102	101
1915	100	102	102	100	102	102	100	105	105	99	104	103
1916	99	105	104	99	103	102	99	107	106	99	106	105
1917	99	112	111	99	107	105	99	112	111	98	110	109
1918	99	129	128	98	117	116	98	131	129	97	121	118
1919	99	147	146	98	133	131	98	144	141	97	135	132
1920	99	213	211	98	172	169	97	193	189	97	179	174
	Building trades—Continued.											
	Steam fitters' helpers.			Stonemasons.			Structural-iron workers.			Structural-iron workers, finishers.		
1914	101	102	102	100	103	103	100	102	102	100	102	102
1915	101	105	104	100	104	104	100	102	102	100	102	102
1916	100	106	106	100	106	105	100	104	103	100	104	104
1917	100	113	112	100	110	109	99	110	109	99	109	108
1918	99	131	128	100	120	120	99	126	125	99	123	122
1919	99	157	154	99	135	133	99	143	141	99	137	137
1920	99	227	224	99	188	186	99	179	177	99	180	181
	Building trades—Continued.									Chauffeurs, teamsters, and drivers.		
	Structural-iron workers, finishers' helpers.			Tile layers.			Tile layers' helpers.			Chauffeurs.		
1914	100	101	101	100	101	101	100	101	101	100	101	101
1915	100	101	101	100	101	101	98	104	103	99	102	101
1916	100	101	101	99	103	102	98	108	106	97	106	104
1917	98	110	108	99	108	106	97	111	108	96	113	109
1918	98	123	121	99	111	109	97	114	112	94	131	123
1919	98	148	146	98	121	119	97	139	134	90	163	146
1920	98	204	200	98	163	159	97	227	220	87	200	173
	Chauffeurs, teamsters, and drivers—Continued.						Freight handlers.			Granite and stone trades.		
	Teamsters and drivers.			Miscellaneous occupations.						Granite cutters.		
1914	100	102	102	100	101	101	100	103	103	100	101	100
1915	99	103	102	100	102	102	100	103	103	100	101	101
1916	99	107	106	99	105	104	100	116	117	100	105	105
1917	98	114	112	96	110	107	100	119	119	100	109	109
1918	97	133	128	(1)	(1)	(1)	93	149	139	100	130	130
1919	93	170	158	(1)	(1)	(1)	77	193	149	100	154	153
1920	90	215	195	(1)	(1)	(1)	77	233	178	100	189	189

[1] Data not available.

No. 200.—Wages and Hours of Labor (Union): Relative Hours of Labor per Week, Relative Rates of Wages per Hour, and Relative Rates of Wages per Week, Computed from Union Scales, 1914 to 1920—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
	Granite and stone trades—Continued.			Metal trades.								
	Stone cutters.			Blacksmiths.			Blacksmiths' helpers.			Boiler makers.		
1914	100	104	104	100	102	102	100	101	101	100	100	100
1915	100	105	105	100	102	102	100	104	104	100	101	100
1916	100	106	105	99	106	105	99	109	107	97	106	103
1917	100	111	110	99	114	112	98	122	119	97	114	111
1918	100	118	117	94	163	153	94	178	168	95	154	146
1919	100	140	138	92	178	163	92	199	182	93	172	159
1920	99	183	181	91	211	193	92	240	220	93	188	175
	Metal trades—Continued.											
	Boiler makers' helpers.			Core makers.			Machinists.			Machinists' helpers.		
1914	100	101	100	100	101	101	99	102	101	100	100	100
1915	100	101	101	100	102	102	99	102	102	100	100	100
1916	98	108	105	99	109	108	97	116	112	100	107	107
1917	97	114	111	99	123	121	96	127	123	100	118	117
1918	96	157	150	98	157	154	94	167	159	97	150	146
1919	94	179	167	94	177	166	93	185	174	94	168	159
1920	94	196	184	90	234	212	92	209	195	94	210	200
	Metal trades—Continued.									Millwork.		
	Metal polishers and buffers.			Molders, iron.			Pattern makers, wood.			Carpenters.		
1914	100	100	100	100	101	101	99	101	100	97	102	98
1915	100	101	101	100	101	101	99	101	100	97	103	99
1916	97	108	105	98	110	107	99	108	107	95	107	102
1917	96	120	116	97	124	120	97	124	119	94	115	107
1918	95	149	143	97	157	150	96	163	156	92	128	118
1919	92	178	165	93	180	165	93	192	178	90	152	138
1920	90	246	224	89	235	209	92	243	222	89	219	197
	Millwork—Continued.			Printing and publishing: Book and job.								
	Painters, hardwood finishers.			Bookbinders.			Compositors.			Electrotypers: Batterymen and builders.		
1914	99	105	104	100	102	102	100	103	103	100	105	105
1915	99	108	108	100	102	102	100	103	103	100	108	108
1916	99	122	121	100	102	102	100	105	105	100	111	111
1917	99	124	122	100	108	108	100	107	107	100	116	115
1918	99	131	129	100	122	121	100	119	119	100	126	125
1919	98	160	156	100	155	155	100	145	145	100	146	146
1920	90	239	214	100	204	204	100	191	191	99	221	222

No. 200.—Wages and Hours of Labor (Union): Relative Hours of Labor per Week, Relative Rates of Wages per Hour, and Relative Rates of Wages per Week, Computed from Union Scales, 1914 to 1920—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
	Printing and publishing: Book and job—Continued.											
	Electrotypers: Finishers and molders.			Machine operators.			Machine tenders (machinists).			Machinist operators.		
1914..	100	104	104	100	101	101	100	100	100	100	101	101
1915..	100	106	106	100	101	101	100	101	101	100	101	101
1916..	100	109	109	100	102	102	100	101	102	101	101	102
1917..	100	112	112	100	104	104	100	103	104	101	103	104
1918..	100	117	117	100	113	113	100	113	114	101	107	108
1919..	100	133	133	100	137	137	100	139	140	101	122	123
1920..	100	187	187	100	175	175	100	175	175	101	151	152
	Printing and publishing: Book and job—Continued.									Printing and publishing: Newspaper.		
	Press assistants and feeders.			Pressmen, cylinder.			Pressmen, platen.			Compositors, daywork.		
1914..	100	103	103	100	102	102	100	102	102	100	101	101
1915..	100	103	103	100	102	102	100	102	102	100	102	101
1916..	100	104	104	100	104	104	100	104	104	100	102	102
1917..	100	110	110	100	106	106	100	109	109	100	105	105
1918..	100	129	129	100	117	117	100	120	120	100	110	110
1919..	100	166	166	100	142	142	100	148	148	100	132	131
1920..	100	228	227	100	185	184	100	200	200	100	161	161
	Printing and publishing: Newspaper—Continued.											
	Compositors, nightwork.			Machine operators, daywork.			Machine operators, daywork (piecework).			Machine operators, nightwork.		
1914..	100	101	101	100	101	101	100	[1] 100	.....	100	101	101
1915..	100	101	101	99	102	102	100	[1] 100	.....	100	102	101
1916..	100	102	101	99	103	102	100	[1] 100	.....	100	102	101
1917..	100	104	104	99	106	105	102	[1] 101	.....	99	105	104
1918..	100	108	108	99	110	109	102	[1] 104	.....	100	108	108
1919..	100	131	130	99	134	133	103	[1] 117	.....	100	132	132
1920..	100	158	158	99	167	166	102	[1] 129	.....	100	162	162
	Printing and publishing: Newspaper—Continued.											
	Machine operators, nightwork (piecework).			Machine tenders (machinists), daywork.			Machine tenders (machinists), nightwork.			Machinist operators, daywork.		
1914..	100	[1] 100	.....	100	101	100	100	100	100	100	100	100
1915..	100	[1] 100	.....	100	101	101	100	101	101	100	100	100
1916..	99	[1] 100	.....	100	101	101	100	101	101	100	102	102
1917..	101	[1] 100	.....	100	103	102	100	102	102	100	104	104
1918..	101	[1] 102	.....	100	108	108	100	107	107	100	106	106
1919..	102	[1] 114	.....	100	138	138	100	135	135	100	112	112
1920..	102	[1] 120	.....	100	172	171	100	165	165	100	123	123

[1] Based on price per 1,000 ems, nonpareil.

No. 200.—WAGES AND HOURS OF LABOR (UNION): RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1914 TO 1920—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
	Printing and publishing: Newspaper—Continued.											
	Machinist operators, nightwork.			Pressmen, web presses, daywork.			Pressmen, web presses, nightwork.			Stereotypers, daywork.		
1914..	100	100	100	100	101	101	100	101	101	100	101	101
1915..	100	100	100	100	101	101	100	101	101	100	101	101
1916..	100	100	100	100	102	102	100	102	102	100	102	102
1917..	99	104	103	100	104	104	100	103	103	100	105	105
1918..	102	105	107	100	113	113	100	111	111	100	109	109
1919..	102	116	118	101	137	137	100	139	138	100	123	123
1920..	102	139	142	101	169	170	99	171	169	100	150	149
	Printing and publishing: Newspaper—Con.											
	Stereotypers, nightwork.											
1914..	100	101	101									
1915..	100	101	101									
1916..	100	102	102									
1917..	100	105	104									
1918..	99	109	109									
1919..	99	123	122									
1920..	98	151	149									

No. 201.—MINING AND METALLURGICAL INDUSTRIES: NUMBER OF MEN EMPLOYED, CALENDAR YEARS 1917, 1918, AND 1919.

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

Industry.	1917	1918	1919	Industry.	1917	1918	1919
Coal mines	757,317	762,426	(1)	Ore-dressing plants	24,111	21,809	17,128
Coke ovens	32,417	32,389	28,741	Quarries	82,290	68,332	75,505
Metal mines	200,579	182,606	145,262				
Smelting plants[2]	44,376	[3] 39,899	[4] 28,417	Total	1,141,090	1,107,461	(1)

[1] Figures not available.
[2] Excluding iron and steel furnaces.
[3] In addition, 18,044 men were employed in 1918 in shops auxiliary to the main works.
[4] In addition, 14,642 men were employed in 1919 in shops auxiliary to the main works.

No. 202.—WAGES OF HIRED FARM LABOR: Monthly and Daily, with and without Board, Calendar Years 1866 to 1920.

[Source: Reports of the Department of Agriculture.]

Year.	By the month.		Day labor at harvest.		Day labor not harvest.	
	With board.	Without board.	With board.	Without board.	With board.	Without board.
	Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*
1866	17.45	26.87	1.74	2.20	1.08	1.49
1869	16.55	25.92	1.74	2.20	1.02	1.41
1875	12.72	19.87	1.35	1.70	.78	1.08
1879	10.43	16.42	1.00	1.30	.59	.81
1882	12.41	18.94	1.15	1.48	.67	.93
1885	12.34	17.97	1.10	1.40	.67	.91
1888	12.36	18.24	1.02	1.31	.67	.92
1890	12.45	18.33	1.02	1.30	.68	.92
1892	12.54	18.60	1.02	1.30	.67	.92
1893	13.29	19.10	1.03	1.24	.69	.89
1894	12.16	17.74	.93	1.13	.63	.81
1895	12.02	17.69	.92	1.14	.62	.81
1898	13.43	19.38	1.05	1.30	.72	.96
1899	14.07	20.23	1.12	1.37	.77	1.01
1902	16.40	22.14	1.34	1.53	.89	1.13
1910	19.21	27.50	1.45	1.82	1.06	1.38
1911	20.18	28.77	1.49	1.85	1.09	1.42
1912	20.81	29.58	1.54	1.87	1.14	1.47
1913	21.38	30.31	1.57	1.94	1.16	1.50
1914	21.05	29.88	1.55	1.91	1.13	1.45
1915	21.26	30.15	1.56	1.92	1.13	1.47
1916	23.25	32.83	1.69	2.07	1.26	1.62
1917	28.87	40.43	2.08	2.54	1.56	2.02
1918	34.92	48.80	2.65	3.22	2.07	2.63
1919	39.82	56.29	3.15	3.83	2.45	3.12
1920	46.89	64.95	3.60	4.36	2.86	3.59

No. 203.—WAGES OF HIRED FARM LABOR: Monthly and Daily, with and without Board, Calendar Years 1910, 1919, and 1920, by States and Geographic Divisions.

[Source: Department of Agriculture.]

State.	Per month.						Per day at harvest.						Per day other than harvest.					
	With board.			Without board.			With board.			Without board.			With board.			Without board.		
	1910	1919	1920	1910	1919	1920	1910	1919	1920	1910	1919	1920	1910	1919	1920	1910	1919	1920
	Dolls.	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*	*Dolls.*
Alabama	13.00	25.50	29.30	18.50	36.50	42.20	0.98	1.80	1.90	1.26	2.30	2.50	0.85	1.65	1.85	1.05	2.10	2.40
Arizona	30.00	60.00	67.00	40.00	83.00	94.00	1.72	2.90	3.20	2.24	3.65	4.10	1.34	2.60	2.85	2.04	3.30	3.75
Arkansas	16.25	31.70	37.50	24.00	45.60	53.80	1.20	2.50	2.60	1.55	3.10	3.30	.90	1.90	2.10	1.20	2.45	2.75
California	33.00	66.30	79.00	47.00	91.20	107.00	1.98	3.84	4.50	2.48	4.69	5.40	1.44	2.99	3.60	2.02	3.90	4.00
Colorado	29.50	55.50	65.00	44.50	81.00	92.00	1.95	3.60	4.50	2.47	4.60	5.50	1.47	3.00	3.70	2.00	3.95	4.60
Connecticut	21.00	45.00	56.00	36.00	71.00	82.00	1.55	2.89	3.60	2.00	3.75	4.60	1.07	2.60	3.05	1.55	3.36	3.95
Delaware	16.00	34.00	40.00	24.75	50.50	60.00	1.35	3.50	3.60	1.55	4.00	4.50	.98	2.50	2.80	1.22	3.20	3.50
Florida	15.00	28.00	34.50	25.00	45.00	50.00	1.10	1.72	2.20	1.46	2.30	2.80	.96	1.62	2.00	1.32	2.22	2.62
Georgia	13.00	26.70	30.50	18.00	38.50	44.00	.98	1.90	2.10	1.23	2.30	2.60	.73	1.67	1.88	.95	2.15	2.40
Idaho	35.00	69.00	78.00	49.50	93.60	105.00	2.20	4.00	4.75	2.80	4.95	5.60	1.70	3.45	3.95	2.27	4.50	4.85
Illinois	24.50	43.50	52.90	32.90	58.50	68.40	1.90	3.88	4.40	2.30	4.63	5.20	1.31	2.72	3.25	1.63	3.42	4.00
Indiana	20.50	38.15	43.60	28.40	53.30	60.20	1.70	3.50	3.98	2.07	4.30	4.80	1.14	2.53	2.90	1.45	3.21	3.65
Iowa	28.00	55.00	66.35	39.00	71.43	83.50	2.12	4.46	5.00	2.51	5.20	5.85	1.57	3.46	4.08	1.98	4.24	4.89
Kansas	24.00	49.50	57.00	34.00	65.50	77.50	2.18	5.42	6.00	2.57	6.05	6.75	1.42	3.71	4.30	1.84	4.47	5.20
Kentucky	16.00	33.00	36.40	23.10	46.00	50.10	1.36	2.70	3.00	1.71	3.35	3.70	.85	1.84	2.10	1.12	2.34	2.70
Louisiana	13.50	30.20	35.00	20.25	43.10	51.00	.90	2.10	2.35	1.25	2.56	2.85	.77	2.00	2.30	1.02	2.42	2.75
Maine	23.50	49.40	56.60	34.50	70.00	81.50	1.50	3.10	3.50	1.95	3.85	4.20	1.23	2.70	3.20	1.60	3.43	3.95
Maryland	13.50	32.00	38.00	21.50	49.00	56.00	1.26	3.05	3.80	1.64	3.70	4.55	.88	2.25	2.70	1.18	2.96	3.45
Massachusetts	22.75	45.00	55.00	37.20	71.00	85.00	1.42	2.93	3.60	1.92	3.75	4.50	1.22	2.60	3.10	1.66	3.40	4.10
Michigan	23.00	42.00	53.00	33.00	60.00	75.00	1.64	3.50	4.10	2.10	4.30	4.95	1.22	2.80	3.30	1.66	3.60	4.15
Minnesota	26.00	53.70	67.00	38.00	75.00	88.40	2.23	4.30	5.10	2.65	5.15	6.10	1.48	3.32	4.15	1.90	4.25	5.15
Mississippi	13.30	26.50	28.50	19.50	38.00	41.00	.93	1.77	1.95	1.22	2.30	2.48	.83	1.81	2.08	1.10	2.32	2.65
Missouri	21.50	37.00	42.00	29.50	50.90	56.00	1.55	3.45	3.75	1.93	4.35	4.50	1.02	2.15	2.40	1.32	2.75	3.05
Montana	38.00	62.20	75.40	50.00	89.00	105.00	2.05	4.00	5.20	2.80	4.95	6.20	1.77	3.25	4.20	2.36	4.35	5.20
Nebraska	26.50	56.80	66.00	38.00	77.50	87.50	2.14	5.25	5.60	2.60	6.25	6.70	1.57	3.85	4.30	1.96	4.78	5.30

Nevada	37.00	68.00	77.00	54.00	93.00	107.00	1.82	3.65	4.20	2.38	4.45	5.50	1.39	2.85	3.50	1.96	3.90	4.75
New Hampshire	23.50	44.90	55.00	35.50	69.70	81.00	1.35	2.95	3.40	1.84	3.80	4.50	1.18	2.50	3.30	1.65	3.37	4.05
New Jersey	19.50	44.00	53.00	31.50	67.00	82.00	1.70	3.20	4.00	2.15	4.10	5.00	1.11	2.58	3.10	1.46	3.32	4.05
New Mexico	24.50	40.50	54.00	34.25	59.20	72.00	1.46	2.50	3.25	1.88	3.20	3.75	1.12	2.20	2.50	1.58	2.80	3.25
New York	23.50	43.30	54.40	35.00	62.50	76.20	1.80	3.30	4.05	2.22	4.02	4.88	1.28	2.70	3.36	1.66	3.38	4.17
North Carolina	13.60	32.40	38.40	19.50	45.00	53.10	1.03	2.41	2.85	1.28	3.01	3.52	.73	2.00	2.25	.97	2.50	2.85
North Dakota	29.00	56.00	70.00	42.00	79.30	97.00	2.40	4.85	6.10	3.03	5.85	7.40	1.60	3.50	4.40	2.20	4.50	5.50
Ohio	21.00	39.40	48.00	29.00	56.20	66.50	1.67	3.47	4.11	2.07	4.22	4.95	1.20	2.66	3.19	1.57	3.38	3.98
Oklahoma	19.10	40.50	48.00	28.10	60.60	68.00	1.60	4.00	4.65	1.97	4.80	5.35	1.11	2.95	3.30	1.47	3.68	4.10
Oregon	32.00	64.00	68.00	44.50	87.00	89.00	2.12	4.00	4.45	2.60	4.85	5.30	1.51	3.10	3.85	2.07	4.10	4.80
Pennsylvania	18.75	37.80	47.00	29.00	59.00	69.70	1.50	2.95	3.65	1.96	3.71	4.60	1.04	2.45	3.15	1.49	3.20	3.90
Rhode Island	21.00	48.00	55.00	34.00	73.00	81.00	1.35	2.60	3.10	2.05	3.50	4.40	1.12	2.40	2.70	1.56	3.20	3.80
South Carolina	12.00	27.00	30.50	16.50	38.40	41.80	.96	1.94	2.25	1.12	2.40	2.76	.70	1.60	1.80	.90	2.10	2.30
South Dakota	27.00	65.00	76.00	39.00	88.00	101.00	2.35	4.95	5.50	2.95	6.00	6.65	1.54	3.90	4.65	2.00	5.00	5.90
Tennessee	14.00	29.00	33.00	20.00	41.40	46.00	1.14	2.20	2.50	1.44	2.70	3.05	.77	1.63	1.85	1.02	2.12	2.35
Texas	18.00	38.80	42.00	24.50	55.20	60.00	1.22	3.10	3.25	1.57	3.68	3.85	1.04	2.50	2.65	1.32	3.15	3.25
Utah	35.00	70.00	77.00	47.50	92.00	104.00	1.78	3.40	3.90	2.20	4.10	4.90	1.55	3.10	3.50	2.00	3.90	4.30
Vermont	25.00	45.00	52.10	35.50	65.00	73.30	1.75	3.00	3.60	2.25	3.82	4.40	1.21	2.60	2.90	1.60	3.15	3.70
Virginia	14.00	31.00	36.10	19.50	45.00	51.60	1.15	2.51	3.07	1.44	3.10	3.70	.78	1.85	2.20	1.01	2.42	2.84
Washington	33.00	66.30	77.00	50.00	91.00	104.00	2.42	4.50	5.15	2.78	5.40	6.15	1.72	3.55	4.00	2.26	4.60	5.00
West Virginia	19.40	40.00	48.50	29.00	52.00	68.30	1.28	2.71	3.25	1.65	3.40	4.05	.94	2.15	2.52	1.27	2.82	3.40
Wisconsin	26.00	48.70	62.00	37.25	69.00	84.50	1.76	3.30	4.15	2.20	4.02	5.05	1.35	2.90	3.50	1.78	3.63	4.35
Wyoming	35.00	60.50	69.00	49.00	86.10	98.00	1.90	3.65	4.20	2.50	4.70	5.30	1.73	3.13	3.70	2.29	4.25	4.75
Average	19.21	39.82	46.89	27.50	56.29	64.95	1.45	3.15	3.60	1.82	3.83	4.36	1.06	2.45	2.86	1.38	3.12	3.59
Geographic Divisions.[1]																		
North Atlantic	21.65	42.18	51.92	33.19	63.39	75.54	1.63	3.09	3.78	2.08	3.86	4.68	1.17	2.59	3.20	1.58	3.30	4.01
South Atlantic	13.77	30.54	35.75	19.75	44.03	50.56	1.07	2.28	2.69	1.33	2.82	3.30	.77	1.85	2.13	1.01	2.39	2.74
North Central East (Mississippi River)	22.94	42.12	51.49	31.81	58.90	70.09	1.75	3.56	4.17	2.16	4.32	5.00	1.24	2.71	3.22	1.61	3.44	4.01
North Central West (Mississippi River)	25.10	60.29	59.63	35.45	68.10	79.79	2.01	4.48	5.03	2.43	5.33	5.94	1.38	3.22	3.78	1.77	4.03	4.67
South Central	15.28	32.42	36.53	21.90	46.47	51.94	1.14	2.56	2.80	1.47	3.14	3.41	.89	2.06	2.29	1.15	2.61	2.89
Far Western	32.69	62.96	73.21	46.48	87.02	99.43	2.02	3.80	4.48	2.52	4.67	5.39	1.51	3.08	3.66	2.06	4.02	4.61

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