MINNESOTA.

GENERAL STATISTICS.

General character of the state.—Minnesota has a gross area of 84,682 square miles, of which 80,858 represent land surface. The inhabitants of the state in 1900 numbered 1,751,394; in 1910, 2,075,708; and in 1920, 2,387,125. In total population Minnesota ranked seventeenth among the states in 1920. The number of inhabitants per square mile in 1910 was 25.7, the corresponding figure for 1920 being 29.5. Minnesota ranked twenty-ninth among the states in this respect.

In 1920 there were 11 cities in the state—Austin, Duluth, Faribault, Hibbing, Mankato, Minneapolis, Rochester, St. Cloud, St. Paul, Virginia, and Winona—having more than 10,000 inhabitants. Statistics for the cities of Austin and Virginia, however, can not be shown separately without disclosing the operations of individual establishments. The combined population of the remaining 9 cities in that year was 801,582, or 33.6 per cent of the total population for Minnesota, and in 1919 63.3 per cent of the state's manufactured products were reported from these cities.

Importance and growth of manufactures (Table 1).—The increases in wages, cost of materials, and value of products as presented in Table 1 are to a great extent due to the changes in industrial conditions brought about by the World War, and therefore can not properly be used to measure the growth of manufactures between the industrial censuses of 1914 and 1919. However, a comparison of the number of establishments, persons engaged, and the horsepower used, in 1919 and 1914, shows a considerable increase in the manufacturing activities of the state.

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for other censuses. The statistics emphasize the importance from a manufacturing standpoint of the counties in which are located the cities of over 10,000 population. Hennepin and Ramsey counties, which include the cities of Minneapolis and St. Paul, reported 54.1 per cent of the total number of wage earners, and 53.7 per cent of the total value of products for the state.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products does not always show their true importance from a manufacturing standpoint. Their rank would in many instances materially change if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 30.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 400 wage earners in 1919, and for which statistics can be shown without disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—General increases are shown in practically all of the details for the seven cities for which comparative figures are given for 1914 and 1919.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, this table gives similar data for males and females for all industries combined for the state and for cities of 10,000 inhabitants or more. The table also shows that there were a number of industries in the state in 1919 in which the number of female wage earners predominated.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Minnesota. In that year 15.1 per cent of the wage earners were included in the group "48 and under," as against 51.2 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 41.4 per cent of the total wage earners, as compared with 19.6 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state 96.7 per cent were in the several classes having fewer than 101 wage earners, while such establishments

employed but 36.7 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 3.3 per cent of the total manufacturing establishments in the state, but reported 63.3 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914, establishments with products valued at "$100,000 to $1,000,000" constituted one group, but at the census of 1919 this group was subdivided into "$100,000 to $500,000" and "$500,000 to $1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups in the case of all items for 1909, and for average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in some instances to combine the establishments of one group of an industry with those of another group of that industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of the extent of manufacturing activities.

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although the corporations owned but 29.1 per cent of the number of establishments in the state in 1919, they reported 86.5 per cent of the average number of wage earners and 87.8 per cent of the total value of products. During the five-year period, 1914 to 1919, the average number of wage earners in corporations increased 24,143, or 31.8 per cent, and the value of products, $654,528,635, or 157.8 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the 9 cities for which figures can be shown in 1919 represented 44.6 per cent of the total in the state. They reported in that year 67.3 per cent of the average number of wage earners, 63.3 per cent of the value of products, and 71.4 per cent of the value added by manufacture.

Principal industries in Duluth, Minneapolis, and St. Paul, with per cent of total for state (Table 16).—This table includes all industries in each of the three cities in the state having 50,000 inhabitants or more in 1920 which reported products of $600,000 and over, figures being given for those which can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported shows an increase from 1914 to 1919 of 115,220 horsepower, or 32.1 per cent. The owned steam power shows a decrease of 7,958 horsepower, or 3.9 per cent, while for internal combustion engines there was an increase of 26,394 horsepower, or 354.1 per cent. By far the largest actual increase, 96,741 horsepower, or 135.8 per cent, was shown for rented electric power.

Fuel consumed (Table 18).—This table shows the total quantities of the principal kinds of fuel used by manufacturing plants in the state in 1919 and 1914, and in the cities of over 10,000 population in 1919. It also gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. The largest consumption of bituminous coal, 34.2 per cent, was in the manufacture of coke, not including gas-house coke. The iron and steel blast furnaces consumed 81.7 per cent of the coke, while 69.8 per cent of the fuel oils was used in the manufacture of gas.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	6,225	5,974	5,561	4,756	4,096	4.2	7.4	16.9	16.1
Persons engaged	147,678	115,690	104,406	83,301	(2)	27.6	10.8	25.3	.....
Proprietors and firm members	5,128	5,233	5,376	4,524	(2)	−2.0	−2.7	18.8	.....
Salaried employees	26,927	17,623	14,263	9,141	6,625	52.8	23.6	56.0	38.0
Wage earners (average number)	115,623	92,834	84,767	69,636	64,557	24.5	9.5	21.7	7.9
Primary horsepower	473,957	358,737	297,670	220,934	186,124	32.1	20.5	34.7	22.7
Capital	$679,386,486	$354,434,177	$275,416,029	$184,903,271	$133,076,699	91.7	28.7	49.0	38.9
Salaries and wages	172,466,431	80,591,183	62,922,303	44,875,985	35,093,410	114.0	28.1	40.2	27.9
Salaries	45,359,926	22,084,170	15,451,500	9,032,840	6,064,229	105.4	42.9	71.1	49.0
Wages	127,106,505	58,507,013	47,470,803	35,843,145	29,029,190	117.2	23.2	32.4	23.5
Paid for contract work	4,005,045	2,600,106	2,483,017	4,378,700	(2)	54.0	4.7	−43.3	.....
Rent and taxes	25,061,934	7,381,132	4,979,543	[3] 2,138,692	(2)	239.5	48.2	.....	.....
Cost of materials	883,089,777	336,849,214	281,622,287	210,553,949	150,299,277	162.2	19.6	33.8	40.1
Value of products	1,218,129,735	493,354,136	409,419,621	307,858,073	223,692,922	146.9	20.5	33.0	37.6
Value added by manufacture [4]	335,039,958	156,504,922	127,797,334	97,304,124	73,393,645	114.1	22.5	31.3	32.6

[1] A minus sign (−) denotes decrease. [2] Figures not available. [3] Exclusive of internal revenue. [4] Value of products less cost of materials

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	6,225	115,623	$127,106,505	$25,061,934	$883,089,777	$1,218,129,735	$335,039,958	473,957
Aitkin	33	643	621,989	14,113	871,361	1,802,384	931,023	1,468
Anoka	32	550	618,623	60,128	2,789,927	3,933,584	1,143,657	1,420
Becker	56	264	280,588	122,041	1,454,186	2,035,107	580,921	2,250
Beltrami	82	1,798	1,625,243	159,302	2,509,556	5,626,554	3,116,998	6,240
Benton	31	121	142,799	8,127	1,069,297	1,385,523	316,226	766
Big Stone	15	47	53,412	5,647	1,099,973	1,306,245	206,272	289
Blue Earth	91	826	785,125	132,136	9,347,199	11,300,296	1,953,097	3,953
Brown	58	538	552,368	177,833	18,107,122	20,195,506	2,088,384	6,101
Carlton	30	2,994	2,384,332	1,104,157	4,421,073	10,374,567	5,953,494	14,010
Carver	57	414	295,123	51,878	3,443,604	4,406,733	963,129	2,460
Cass	41	563	540,503	150,707	956,489	2,111,958	1,155,469	2,137
Chippewa	25	292	402,806	9,004	1,291,395	1,962,325	670,930	953
Chisago	39	99	117,603	18,814	2,636,735	2,963,413	326,678	939
Clay	30	331	463,801	10,341	651,806	1,287,359	635,553	454
Clearwater	24	40	34,883	2,073	351,691	443,233	91,542	311
Cook	9	36	36,157	775	118,130	170,916	52,786	94
Cottonwood	22	30	33,879	4,324	377,592	477,438	99,846	493
Crow Wing	51	1,744	2,127,548	74,358	3,505,140	6,140,239	2,635,099	8,578
Dakota	51	4,064	5,382,286	226,210	93,675,892	105,820,870	12,144,978	10,434
Dodge	42	57	71,442	4,245	1,339,726	1,493,441	153,715	420
Douglas	43	93	99,377	41,079	3,722,853	4,105,286	382,433	900
Faribault	48	156	185,824	63,510	5,056,139	5,579,430	523,291	1,157
Fillmore	57	125	98,143	18,535	2,152,853	2,452,302	299,444	880
Freeborn [1]	138	2,298	2,206,510	368,166	46,150,084	54,354,951	8,204,867	8,210
Goodhue	112	1,478	2,050,601	394,090	14,946,499	21,705,898	6,759,399	5,529
Grant	16	42	46,094	1,966	783,526	903,686	120,160	328
Hennepin	1,464	39,232	42,653,096	11,805,072	366,788,485	499,421,454	132,632,969	135,363
Houston	34	65	66,245	5,249	926,605	1,037,563	110,958	502
Hubbard	31	134	119,116	6,718	357,342	654,004	296,662	513
Isanti	38	66	54,951	11,786	911,975	1,088,800	176,825	597
Itasca	54	760	784,373	53,890	1,498,286	3,282,926	1,784,640	6,863
Jackson	34	112	127,817	7,157	677,757	909,303	231,546	819
Kanabec	19	33	32,878	3,618	550,175	636,216	86,041	257
Kandiyohi	50	318	411,517	16,054	1,365,604	1,915,686	550,082	736
Kittson	18	16	14,964	1,041	264,228	314,724	50,496	92
Koochiching	52	2,035	2,100,690	200,692	5,359,616	10,785,615	5,425,999	19,538
Lac qui Parle	22	52	40,495	10,368	329,048	437,616	108,568	399
Lake	13	635	881,261	6,695	399,211	1,645,958	1,246,747	3,306
Le Sueur	67	502	453,673	129,915	12,987,245	15,188,361	2,201,116	3,438
Lincoln	22	33	34,907	5,696	516,735	631,281	114,546	124
Lyon	36	277	356,254	31,365	7,103,598	8,192,842	1,089,244	1,785
McLeod	54	171	166,957	17,201	2,861,482	3,250,560	389,078	1,191
Mahnomen	12	54	48,490	1,547	134,384	225,768	91,384	251
Marshall	29	38	36,545	5,051	577,728	690,268	112,540	402
Martin	38	252	227,395	32,808	1,640,407	2,198,513	558,106	669
Meeker	50	85	81,480	21,962	1,701,253	1,979,634	278,381	689
Mille Lacs	33	88	90,036	4,458	1,475,159	1,637,786	162,627	546
Morrison	49	287	254,799	28,434	3,119,607	3,866,964	747,357	4,458
Murray	19	26	27,257	3,483	287,426	359,215	71,789	259
Nicollet	44	182	160,811	56,650	1,384,467	1,828,648	444,181	708
Nobles	26	97	120,395	7,321	591,405	802,507	211,102	308
Norman	20	48	47,254	11,784	699,334	824,305	124,971	443
Olmsted	60	393	376,701	64,347	2,441,500	3,492,457	1,050,957	1,695
Otter Tail	108	327	336,631	73,149	4,613,487	5,692,174	1,078,687	2,528
Pennington	27	206	241,035	16,120	958,640	1,349,059	390,419	320
Pine	32	67	64,973	11,881	1,066,881	1,249,537	182,656	501
Pipestone	31	180	196,699	12,518	1,267,906	1,630,486	362,580	637
Polk	70	364	378,288	46,280	3,807,428	4,850,912	1,043,484	1,471
Pope	25	134	186,977	5,802	985,576	1,291,336	305,760	498
Ramsey	842	23,292	25,211,956	5,660,487	88,363,157	154,840,006	66,476,849	45,522
Red Lake	18	19	22,758	2,818	503,833	570,027	66,194	389
Redwood	30	54	51,763	4,576	581,935	722,265	140,330	184
Renville	65	152	165,095	13,830	2,282,224	2,688,697	406,473	1,264
Rice	85	982	854,490	166,864	12,703,100	15,321,879	2,618,779	4,042
Rock	20	84	94,605	16,834	467,548	734,442	266,894	292
Roseau	21	41	32,827	3,338	262,380	341,237	78,857	353
St. Louis	332	15,546	19,402,065	2,058,079	50,626,858	89,702,263	39,075,405	101,481
Scott	51	307	271,689	26,698	3,925,357	5,460,430	1,535,073	1,659
Sherburne	13	21	20,716	1,119	484,702	580,260	95,558	141
Sibley	43	106	93,133	11,751	1,335,908	1,577,598	241,690	848
Stearns	191	2,708	3,126,766	274,791	11,493,179	16,938,784	5,445,605	20,586
Steele	62	247	277,135	33,984	2,918,312	3,570,750	652,438	865
Stevens	14	28	28,106	3,604	344,742	426,361	81,619	187
Swift	26	81	81,990	20,761	2,512,260	3,422,119	909,859	1,037
Todd	44	241	363,120	12,039	2,019,343	2,550,705	531,362	731
Traverse	14	24	21,127	2,146	129,965	189,118	59,153	68
Wabasha	50	224	275,863	67,876	7,497,459	8,317,299	819,840	1,221
Wadena	41	88	96,058	8,009	1,138,966	1,383,109	244,143	516
Waseca	33	266	319,223	31,254	8,890,962	9,845,879	954,917	2,333
Washington	55	1,098	1,080,993	139,842	4,008,513	5,990,949	1,982,436	2,685
Watonwan	31	131	164,082	11,591	2,293,657	2,560,064	266,407	1,438
Wilkin	9	133	165,327	1,184	227,252	409,912	182,660	129
Winona	102	2,579	2,205,975	505,283	20,436,176	26,384,747	5,948,571	10,823
Wright	82	196	170,288	28,623	3,378,990	3,874,567	495,577	1,890
Yellow Medicine	28	63	77,336	14,792	1,783,166	2,024,546	241,380	587

[1] Includes Mower County, to avoid disclosure of individual operations.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries	6,225	115,623	100.0	$1,218,130	100.0	$335,040	100.0
Flour-mill and gristmill products	248	6,049	5.2	381,249	31.3	43,376	12.9
Slaughtering and meat packing	13	5,231	4.5	146,361	12.0	17,855	5.3
Butter	832	1,962	1.7	88,882	7.3	6,951	2.1
Lumber and timber products	244	12,602	10.9	37,321	3.1	20,150	6.0
Cars and general shop construction and repairs by steam-railroad companies	75	15,976	13.8	35,351	2.9	22,658	6.8
Oil, linseed	6	483	0.4	33,238	2.7	4,442	1.3
Foundry and machine-shop products	216	6,183	5.3	31,865	2.6	19,151	5.7
Bread and other bakery products	426	2,975	2.6	22,815	1.9	8,809	2.6
Paper and wood pulp	9	2,523	2.2	20,138	1.7	8,780	2.6
Printing and publishing, newspapers and periodicals	701	3,058	2.6	20,089	1.6	14,210	4.2
Food preparations, not elsewhere specified	41	624	0.5	14,707	1.2	4,289	1.3
Knit goods	16	3,564	3.1	13,985	1.1	6,498	1.9
Printing and publishing, book and job	277	3,032	2.6	12,995	1.1	8,644	2.6
Engines, steam, gas, and water	14	1,529	1.3	12,946	1.1	8,367	2.5
Boots and shoes	16	2,153	1.9	12,645	1.0	4,902	1.5
Coffee, roasting and grinding	13	532	0.5	12,186	1.0	1,921	0.6
Lumber, planing-mill products, not including planing mills connected with sawmills	94	2,188	1.9	11,804	1.0	5,276	1.6
Confectionery and ice cream	117	1,959	1.7	10,056	0.8	4,368	1.3
Structural ironwork, not made in steel works or rolling mills	19	2,183	1.9	9,953	0.8	4,328	1.3
Automobile repairing	592	1,842	1.6	9,282	0.8	7,119	2.1
Fur goods	45	905	0.8	8,063	0.7	2,859	0.9
Liquors, malt	28	1,036	0.9	7,713	0.6	5,666	1.7
Clothing, men's	34	1,561	1.3	7,065	0.6	2,226	0.7
Furniture	59	1,587	1.4	6,805	0.6	3,743	1.1
Coke, not including gas-house coke	3	426	0.4	6,469	0.5	1,497	0.6
Patent medicines and compounds	51	461	0.4	6,303	0.5	3,581	1.1
Gas, illuminating and heating	23	707	0.6	5,518	0.5	3,110	0.9
Marble and stone work	109	1,021	0.9	4,721	0.4	2,819	0.8
Electrical machinery, apparatus, and supplies	20	942	0.8	4,354	0.4	2,321	0.7
Saddlery and harness	51	436	0.4	4,159	0.3	1,330	0.4
Signs and advertising novelties	31	989	0.8	4,083	0.3	2,841	0.8
Leather goods, not elsewhere specified	11	683	0.6	4,052	0.3	1,495	0.5
Mattresses and spring beds, not elsewhere specified	9	459	0.4	$3,872	0.3	$1,470	0.4
Copper, tin, and sheet-iron work	128	758	0.6	3,803	0.3	1,740	0.5
Boxes, wooden packing, except cigar boxes	28	695	0.6	3,454	0.3	1,264	0.4
Tobacco, cigars and cigarettes	216	891	0.8	3,205	0.3	1,733	0.5
Cooperage	11	575	0.5	3,199	0.3	1,174	0.4
Artificial stone products	171	766	0.7	3,047	0.3	1,763	0.5
Carriages and wagons, including repairs	67	565	0.5	2,970	0.2	1,470	0.4
Malt	7	96	0.1	2,926	0.2	637	0.2
Woolen goods	11	574	0.5	2,864	0.2	1,084	0.3
Cheese	66	89	0.1	2,838	0.2	332	0.1
Paints	12	117	0.1	2,512	0.2	901	0.3
Agricultural implements	16	501	0.4	2,341	0.2	980	0.3
Brick and tile, terra-cotta, and fire-clay products	34	799	0.7	2,293	0.2	1,484	0.4
Tinware, not elsewhere specified	7	455	0.4	2,182	0.2	1,023	0.3
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	10	88	0.1	2,108	0.2	231	0.1
Boxes, set-up paper boxes and cartons	16	711	0.6	2,086	0.2	1,123	0.3
Millinery and lace goods, not elsewhere specified	23	541	0.5	2,068	0.2	1,021	0.3
Condensed milk	5	84	0.1	1,865	0.2	282	0.1
Belting, leather	3	116	0.1	1,809	0.1	613	0.2
Canning and preserving, vegetables	25	456	0.4	1,792	0.1	727	0.2
Automobile bodies and parts	48	405	0.4	1,763	0.1	886	0.3
Pickles, preserves, and sauces	13	227	0.2	1,708	0.1	444	0.1
Coffins, burial cases, and undertakers' goods	7	247	0.2	1,593	0.1	931	0.3
Mineral and soda waters	114	213	0.2	1,544	0.1	751	0.2
Steam packing	5	208	0.2	1,528	0.1	699	0.2
Chemicals	9	162	0.1	1,456	0.1	832	0.2
Shirts	9	253	0.2	1,180	0.1	555	0.2
Cars and general shop construction and repairs by electric-railroad companies	8	436	0.4	1,065	0.1	625	0.2
Stoves and hot-air furnaces	12	236	0.2	1,055	0.1	649	0.2
Brass, bronze, and copper products	10	213	0.2	1,018	0.1	467	0.1
All other industries [1]	691	16,255	14.0	143,813	11.8	51,611	15.4

[1] Among the industries for which statistics can not be shown separately without the possibility of disclosing individual operations are a number having products in excess of some for which figures are shown in the table. Of these industries the most important are the following: "Automobiles"; "bags, other than paper, not including bags made in textile mills"; "cement"; "cordage and twine"; "drug grinding"; "gas machines and gas and water meters"; "iron and steel, blast furnaces"; "iron and steel, steel works and rolling mills"; "leather, tanned, curried, and finished"; "mats and matting, from cocoa fiber, grass, and coir"; "oleomargarine and other butter substitutes"; "refrigerators"; "sand and emery paper and cloth"; "shipbuilding, steel"; and "window and door screens and weather strips."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	147,678	121,609	26,069	82.3	17.7
	1914	115,690	100,158	15,532	86.6	13.4
	1909	104,406	90,058	14,348	86.3	13.7
Proprietors and officials	1919	12,031	11,617	414	96.6	3.4
	1914	9,542	9,300	242	97.5	2.5
	1909	9,142	8,908	234	97.4	2.6
Proprietors and firm members	1919	5,128	4,943	185	96.4	3.6
	1914	5,233	5,071	162	96.9	3.1
	1909	5,376	5,206	170	96.8	3.2
Salaried officers of corporations	1919	2,416	2,312	104	95.7	4.3
	1914	1,731	1,681	50	97.1	2.9
	1909	1,596	1,560	36	97.7	2.3
Superintendents and managers	1919	4,487	4,362	125	97.2	2.8
	1914	2,578	2,548	30	98.8	1.2
	1909	2,170	2,142	28	98.7	1.3
Clerks and other subordinate salaried employees	1919	20,024	13,288	6,736	66.4	33.6
	1914	13,314	10,163	3,151	76.3	23.7
	1909	10,497	7,891	2,606	75.2	24.8
Wage earners (average number)	1919	115,623	96,704	18,919	83.6	16.4
	1914	92,834	80,695	12,139	86.9	13.1
	1909	84,767	73,259	11,508	86.4	13.6
16 years of age and over	1919	115,261	96,387	18,874	83.6	16.4
	1914	92,560	80,509	12,051	87.0	13.0
	1909	84,461	73,038	11,423	86.5	13.5
Under 16 years of age	1919	362	317	45	87.6	12.4
	1914	274	186	88	67.9	32.1
	1909	306	221	85	72.2	27.8

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	115,623	83.4	16.3	0.3
	1914	92,834	86.7	13.0	0.3
	1909	84,767	86.2	13.5	0.4
Agricultural implements	1919	501	99.2	0.8	.....
	1914	872	100.0	.....	.....
Artificial stone products	1919	766	99.5	0.4	0.1
	1914	738	99.9	0.1	.....
Automobile bodies and parts	1919	405	97.0	3.0	.....
	1914	141	99.3	0.7	.....
Automobile repairing	1919	1,842	99.2	0.7	0.1
	1914	456	99.6	0.2	0.2
Boots and shoes	1919	2,153	57.0	42.5	0.4
	1914	2,012	71.1	28.2	0.7
Boxes, set-up paper boxes and cartons	1919	711	35.9	62.7	1.4
	1914	650	43.7	55.4	0.9
Boxes, wooden packing, except cigar boxes.	1919	695	90.5	5.8	3.7
	1914	768	99.7	.....	0.3
Bread and other bakery products	1919	2,975	61.3	37.9	0.8
	1914	2,169	72.2	27.1	0.7
Brick and tile, terra-cotta, and fire-clay products.	1919	799	98.0	.....	2.0
	1914	1,215	100.0	.....	.....
Butter	1919	1,962	91.2	8.6	0.2
	1914	1,426	97.6	2.1	0.3
Canning and preserving, vegetables	1919	456	60.1	39.9	.....
	1914	317	59.9	38.8	1.3
Carriages and wagons, including repairs	1919	565	99.5	0.5	.....
	1914	838	99.9	0.1	.....
Cars and general shop construction and repairs by electric-railroad companies.	1919	436	95.9	4.1	.....
	1914	435	100.0	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	15,976	98.8	1.2	.....
	1914	10,551	99.9	(1)	(1)
Clothing, men's	1919	1,561	15.2	84.8	.....
	1914	2,119	19.3	80.7	.....
Coffee, roasting and grinding	1919	532	52.6	47.4	.....
	1914	313	44.4	55.6	.....
Coke, not including gas-house coke [2]	1919	426	99.5	0.5	.....
Confectionery and ice cream	1919	1,959	34.1	65.8	0.1
	1914	978	41.7	58.2	0.1
Cooperage	1919	575	97.0	3.0	.....
	1914	766	98.0	2.0	.....
Copper, tin, and sheet-iron work	1919	758	98.8	0.9	0.3
	1914	855	100.0	.....	.....
Electrical machinery, apparatus, and supplies.	1919	942	63.9	34.8	1.3
	1914	236	94.1	5.5	0.4
Engines, steam, gas, and water	1919	1,529	99.4	0.6	.....
	1914	508	99.8	0.2	.....
Flour-mill and gristmill products	1919	6,049	97.1	2.8	0.1
	1914	4,564	98.0	2.0	.....
Food preparations, not elsewhere specified	1919	624	50.2	49.7	0.2
	1914	426	45.1	54.7	0.2
Foundry and machine-shop products [3]	1919	6,360	98.7	1.2	(1)
	1914	3,623	99.6	0.3	0.1
Fur goods	1919	905	38.2	61.7	0.1
	1914	838	37.7	62.3	.....
Furniture	1919	1,587	94.6	5.0	0.4
	1914	1,473	98.6	1.0	0.4
Gas, illuminating and heating	1919	707	99.0	1.0	.....
	1914	1,038	100.0	.....	.....
Knit goods	1919	3,564	16.2	83.8	(1)
	1914	2,088	14.6	85.4	.....
Leather goods, not elsewhere specified [2]	1919	683	37.5	62.5	.....
Liquors, malt	1919	1,036	99.7	0.3	.....
	1914	2,052	99.8	0.2	.....
Lumber and timber products	1919	12,602	99.0	0.9	0.1
	1914	16,814	99.9	0.1	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	2,188	98.2	0.9	0.9
	1914	3,137	99.4	0.2	0.4
Marble and stone work	1919	1,021	99.8	0.1	0.1
	1914	1,579	100.0	.....	.....
Mattresses and spring beds, not elsewhere specified.	1919	459	84.3	15.7	.....
	1914	440	87.3	12.7	.....
Millinery and lace goods, not elsewhere specified.	1919	541	5.4	94.3	0.4
	1914	308	10.1	89.9	.....
Oil, linseed	1919	483	98.6	1.4	.....
	1914	400	100.0	.....	.....
Paper and wood pulp	1919	2,523	93.1	6.9	.....
	1914	1,345	97.4	2.6	.....
Patent medicines and compounds	1919	461	44.3	54.4	1.3
	1914	561	43.3	56.5	0.2
Printing and publishing, book and job	1919	3,062	66.3	32.8	0.9
	1914	2,901	71.0	28.4	0.6
Printing and publishing, newspapers and periodicals.	1919	3,058	76.7	21.2	2.1
	1914	2,942	83.3	14.9	1.8
Saddlery and harness	1919	436	94.5	5.3	0.2
	1914	530	94.1	5.7	0.2
Signs and advertising novelties	1919	989	34.7	65.3	.....
	1914	238	62.2	37.8	.....
Slaughtering and meat packing	1919	5,231	90.9	9.1	.....
	1914	2,565	97.5	2.5	.....
Structural ironwork, not made in steel works or rolling mills.	1919	2,183	99.3	0.6	0.1
	1914	2,058	99.9	0.1	.....
Tinware, not elsewhere specified [2]	1919	455	62.0	38.0	.....
Tobacco, cigars and cigarettes	1919	891	55.4	43.5	1.0
	1914	1,201	69.6	29.7	0.7
Woolen goods	1919	574	48.3	51.7	.....
	1914	448	54.2	45.5	0.3
All other industries	1919	18,427	82.7	16.8	0.5
	1914	10,842	75.8	23.1	1.1

[1] Less than one-tenth of 1 per cent.
[2] Not shown separately in 1914.
[3] Includes "iron and steel, welding" and "machine tools."

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.[1]	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES.												VALUE OF PRODUCTS.		
	Total.			16 years of age and over.						Under 16 years of age.					
				Male.			Female.								
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
Duluth	10,472	5,538	6,083	9,381	4,956	5,615	1,075	574	444	16	8	24	$75,261,387	$19,729,283	$17,180,063
Faribault	806	.....	.....	612	.....	.....	180	.....	.....	14	.....	.....	10,155,358	.....	.....
Hibbing	50	65	.....	37	56	.....	13	9	.....	.....	.....	.....	320,427	254,400	.....
Mankato	771	755	807	612	637	662	158	118	135	1	.....	10	9,766,306	4,344,114	3,722,736
Minneapolis	38,154	28,295	26,962	29,393	22,791	22,822	8,606	5,470	4,074	155	34	66	491,382,975	187,854,159	165,404,680
Rochester	359	.....	.....	304	.....	.....	55	.....	.....	.....	.....	.....	2,250,242	.....	.....
St. Cloud	1,998	1,429	626	1,889	1,320	595	86	108	30	23	1	1	7,733,764	2,695,492	2,299,063
St. Paul	22,649	19,483	19,339	16,766	15,340	14,553	5,845	4,106	4,742	38	37	44	149,638,290	68,682,206	58,990,025
Winona	2,534	2,070	2,032	1,858	1,639	1,630	672	422	396	4	9	6	25,119,522	14,304,780	11,199,622

[1] Excludes Austin and Virginia to avoid disclosure of individual operations.

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER.[1]			PER CENT OF MAXIMUM.			MONTH.	NUMBER.[1]			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January	114,763	98,336	*79,918*	93.9	98.2	88.2	July	114,430	92,007	84,667	93.6	91.9	93.4
February	113,885	**100,110**	80,909	93.2	100.0	89.3	August	116,607	91,128	85,847	95.4	91.0	94.7
March	113,326	96,982	82,081	92.7	96.9	90.6	September	118,627	89,739	87,643	97.0	89.6	96.7
April	110,691	92,417	81,134	90.5	92.3	89.5	October	120,020	90,525	**90,620**	98.2	90.4	100.0
May	*109,489*	92,257	82,952	89.6	92.2	91.5	November	120,930	89,202	89,503	98.9	89.1	98.8
June	112,458	92,310	85,038	92.0	92.2	93.8	December	**122,250**	*88,995*	86,896	100.0	88.9	95.9

[1] The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by **bold-faced** figures, minimum by *italic* figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	115,623	114,763	113,885	113,326	110,691	*109,489*	112,458	114,430	116,607	118,627	120,020	120,930	**122,250**	89.6
Males	96,704	97,018	95,400	95,083	92,650	*91,532*	94,275	95,925	96,281	98,972	100,263	100,978	**102,271**	89.3
Females	18,919	*17,745*	18,485	18,243	18,041	18,157	18,183	18,505	**20,326**	19,655	19,757	19,952	19,979	87.3
Agricultural implements	501	475	485	481	451	*448*	480	512	541	**559**	503	544	533	80.1
Artificial stone products	766	*478*	489	522	741	847	943	**1,009**	961	949	891	753	609	47.4
Automobile bodies and parts	405	*328*	340	361	397	386	403	422	452	422	446	449	**454**	72.2
Automobile repairing	1,842	*1,468*	1,475	1,550	1,704	1,933	2,044	**2,131**	2,129	2,058	1,916	1,846	1,775	68.2
Boots and shoes	2,153	*2,026*	2,078	2,062	2,069	2,086	2,102	2,057	2,204	2,231	2,248	**2,340**	2,333	86.6
Boxes, set-up paper boxes and cartons	711	*650*	660	676	690	705	719	726	734	712	744	770	746	84.4
Boxes, wooden packing, except cigar boxes	695	*621*	642	634	654	668	731	752	773	746	727	705	687	80.3
Bread and other bakery products	2,975	2,710	*2,699*	2,710	2,784	2,798	2,904	3,079	3,179	3,056	3,211	**3,300**	3,270	81.8
Brick and tile, terra-cotta, and fire-clay products	799	*348*	381	397	616	841	1,077	1,146	**1,150**	1,115	977	880	660	30.3
Butter	1,962	*1,702*	1,707	1,733	1,897	2,125	2,278	2,231	2,228	2,019	1,906	1,892	1,826	74.7
Canning and preserving, vegetables	456	72	*66*	80	131	167	320	573	**1,630**	1,611	438	254	130	4.0
Carriages and wagons, including repairs	565	550	543	551	540	525	*521*	541	606	592	605	608	598	85.7
Cars and general shop construction and repairs by electric-railroad companies	436	445	467	493	438	388	*346*	430	425	422	434	433	**511**	67.7
Cars and general shop construction and repairs by steam-railroad companies	15,976	16,290	16,279	16,153	15,944	15,853	15,818	15,971	*15,190*	**16,375**	15,991	15,922	15,926	92.8
Clothing, men's	1,561	*1,299*	1,325	1,322	1,322	1,367	1,438	1,572	1,752	1,778	1,856	1,834	**1,867**	69.6
Coffee, roasting and grinding	532	528	518	*480*	489	509	564	**582**	545	524	531	540	574	82.5
Coke, not including gas-house coke	426	469	429	428	412	416	*367*	401	377	425	450	455	**483**	76.0
Confectionery and ice cream	1,959	1,722	1,865	1,809	1,660	1,660	*1,594*	1,696	2,083	2,126	2,367	2,429	**2,507**	63.6
Cooperage	575	599	597	563	551	*507*	557	562	575	589	595	603	602	84.1
Copper, tin, and sheet-iron work	758	566	*542*	592	650	673	733	838	880	897	906	**941**	878	57.6
Electrical machinery, apparatus, and supplies	942	*916*	925	971	918	918	938	928	924	940	954	967	**1,005**	91.1
Engines, steam, gas, and water	1,529	1,750	1,834	**1,893**	1,709	1,567	1,454	1,489	1,420	1,380	1,378	1,320	*1,154*	61.0
Flour-mill and gristmill products	6,049	6,228	5,645	*5,607*	5,881	5,967	5,822	5,715	5,972	6,261	6,486	6,500	**6,504**	86.2
Food preparations, not elsewhere specified	624	574	588	535	542	*530*	560	651	668	708	768	674	690	69.0
Foundry and machine-shop products	6,183	**7,463**	6,102	5,898	5,974	5,748	*5,537*	5,827	6,035	6,162	6,434	6,453	6,563	74.2
Fur goods	905	819	*785*	786	802	814	845	920	931	1,009	1,019	1,061	**1,070**	73.4
Furniture	1,587	*1,271*	1,362	1,442	1,479	1,513	1,535	1,615	1,650	1,692	1,745	1,848	**1,892**	67.2
Gas, illuminating and heating	707	661	*632*	639	699	751	783	701	681	706	744	751	736	80.7
Knit goods	3,564	3,972	4,170	**4,171**	4,065	3,900	3,712	3,367	3,129	3,087	3,106	3,063	*3,026*	72.5
Leather goods, not elsewhere specified	683	632	597	588	595	625	649	687	703	717	756	813	**834**	70.5
Liquors, malt	1,036	778	790	977	1,024	1,073	**1,389**	1,341	1,216	971	1,028	1,028	817	56.0
Lumber and timber products	12,602	15,376	**15,810**	15,139	11,602	*9,768*	10,504	10,500	9,937	11,206	12,559	13,473	15,365	61.7
Lumber, planing-mill products, not including planing mills connected with sawmills	2,188	*1,556*	1,609	1,657	1,795	2,076	2,341	2,440	2,537	2,530	2,539	2,586	**2,590**	60.1

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Marble and stone work	1,021	*819*	834	917	968	1,005	1,035	1,080	1,092	1,121	1,135	1,109	**1,137**	72.0
Mattresses and spring beds, not elsewhere specified	459	*346*	370	401	415	443	478	499	533	502	517	513	491	64.9
Millinery and lace goods, not elsewhere specified	541	404	808	564	526	482	417	*402*	778	615	549	462	487	49.9
Oil, linseed	483	461	453	449	454	*416*	476	577	517	498	500	492	503	72.1
Paper and wood pulp	2,523	2,681	2,660	2,545	2,599	2,590	2,556	2,337	*2,305*	2,372	2,452	2,524	2,655	86.0
Patent medicines and compounds	461	*396*	420	432	442	457	510	541	514	464	479	445	432	73.2
Printing and publishing, book and job	3,062	*2,911*	2,977	3,005	3,027	3,032	3,015	3,012	3,029	3,080	3,134	3,223	3,299	88.2
Printing and publishing, newspapers and periodicals	3,058	*2,941*	2,964	2,964	3,006	3,011	3,006	3,018	3,081	3,096	3,169	3,230	3,210	91.1
Saddlery and harness	436	427	438	436	428	417	*407*	410	434	441	457	458	479	85.0
Signs and advertising novelties	989	*720*	787	837	870	926	963	994	1,059	1,126	1,212	1,212	1,162	59.4
Slaughtering and meat packing	5,231	5,843	5,379	5,389	4,989	*4,855*	4,870	5,091	5,022	4,858	4,953	5,505	6,018	80.7
Structural ironwork, not made in steel works or rolling mills	2,183	2,370	2,241	2,253	2,040	1,915	*1,748*	1,937	2,134	2,257	2,399	2,459	2,443	71.1
Tinware, not elsewhere specified	455	*369*	433	483	431	374	409	437	585	552	466	461	460	63.1
Tobacco, cigars and cigarettes	891	861	879	889	891	880	867	*849*	901	879	912	943	941	90.0
Woolen goods	574	580	*539*	548	563	561	573	586	583	578	580	598	599	90.0
All other industries	18,604	17,307	*17,269*	17,315	17,727	17,988	19,120	19,248	19,823	19,613	19,858	19,261	18,719	87.0
Industries showing large proportion of females.														
Boots and shoes	917	901	904	*860*	870	893	906	871	941	946	957	975	980	87.8
Boxes, set-up paper boxes and cartons	451	*422*	426	438	430	450	453	458	467	444	466	469	469	86.3
Bread and other bakery products	1,134	1,015	1,014	*1,011*	1,059	1,024	1,081	1,176	1,231	1,135	1,271	1,325	1,266	76.3
Clothing, men's	1,323	*1,111*	1,140	1,132	1,125	1,165	1,227	1,344	1,488	1,491	1,554	1,534	1,565	71.0
Coffee, roasting and grinding	252	249	246	225	*224*	243	279	291	257	237	243	250	280	77.0
Confectionery and ice cream	1,290	1,183	1,266	1,229	1,089	1,096	*993*	1,049	1,342	1,351	1,549	1,633	1,700	58.4
Electrical machinery, apparatus, and supplies	328	361	365	364	333	328	322	313	*297*	304	299	316	334	81.4
Food preparations, not elsewhere specified	310	310	312	288	276	*265*	280	325	348	331	341	313	331	76.1
Fur goods	558	509	481	*478*	*478*	485	513	558	573	629	644	679	669	70.4
Knit goods	2,985	3,416	3,575	3,593	3,448	3,288	3,094	2,778	2,562	2,504	2,551	2,513	*2,498*	69.5
Leather goods, not elsewhere specified	427	399	364	*361*	362	392	403	425	436	452	479	516	535	67.5
Millinery and lace goods, not elsewhere specified	512	377	776	536	498	453	391	*375*	751	585	519	430	453	48.3
Patent medicines and compounds	254	*203*	225	238	239	245	284	317	295	252	271	244	235	64.0
Printing and publishing, book and job	1,005	981	988	998	997	1,004	985	977	*976*	997	1,011	1,049	1,097	89.0
Printing and publishing, newspapers and periodicals	656	632	635	*625*	652	657	646	647	664	643	686	696	689	89.8
Signs and advertising novelties	646	*449*	497	536	565	607	616	642	693	747	815	803	782	55.1
Slaughtering and meat packing	475	519	489	497	492	490	468	476	473	*420*	455	472	449	80.9
Tobacco, cigars and cigarettes	388	374	388	391	396	385	375	*356*	392	384	399	408	408	87.3
Woolen goods	297	296	*269*	278	293	293	295	304	301	301	305	317	312	84.9
Total for cities [1]	77,793	*74,713*	75,046	75,128	75,200	75,328	76,548	77,900	80,117	80,475	81,383	81,088	80,590	91.8
Males	61,060	58,952	*58,540*	58,861	59,149	59,162	60,539	61,641	62,637	63,534	63,793	63,242	62,670	91.8
Females	16,733	*15,761*	16,506	16,267	16,051	16,166	16,009	16,259	17,480	16,941	17,590	17,846	17,920	88.0
DULUTH	10,472	11,174	10,855	10,726	10,020	9,973	10,849	10,646	10,819	10,883	10,581	9,768	*9,370*	83.9
Males	9,394	10,211	9,856	9,728	9,053	8,972	9,815	9,610	9,771	9,749	9,339	8,509	*8,115*	79.5
Females	1,078	*963*	999	998	967	1,001	1,034	1,036	1,048	1,134	1,242	1,259	1,255	76.5
FARIBAULT	806	727	*717*	736	753	761	781	826	948	919	829	835	840	75.6
Males	625	*572*	578	594	595	601	615	628	675	663	660	656	663	84.7
Females	181	155	*139*	142	158	160	166	198	273	256	169	179	177	50.9
HIBBING	50	*45*	47	47	51	51	53	51	50	51	51	51	52	84.9
Males	37	*33*	35	35	38	38	40	38	37	38	37	37	38	82.5
Females	13	*12*	*12*	*12*	13	13	13	13	13	13	14	14	14	85.7
MANKATO	771	*692*	708	706	761	756	704	752	814	797	859	862	841	80.3
Males	613	*537*	548	546	602	601	545	594	655	643	703	703	679	76.4
Females	158	155	160	160	159	155	159	158	159	*154*	156	159	162	95.1
MINNEAPOLIS	38,154	*35,829*	36,065	36,283	37,229	37,515	37,340	38,216	39,229	39,572	40,073	40,293	40,204	88.9
Males	29,520	27,513	*27,441*	27,583	28,569	28,833	28,913	29,730	30,480	31,216	31,266	31,372	31,324	87.5
Females	8,634	*8,316*	8,624	8,700	8,660	8,682	8,427	8,486	8,749	8,356	8,807	8,921	8,880	93.2
ROCHESTER	359	*334*	344	344	340	345	359	376	364	370	372	381	379	87.7
Males	304	*285*	289	288	288	296	306	317	308	314	311	327	319	87.2
Females	55	*49*	55	56	52	49	53	59	56	56	61	54	60	80.3
SAINT CLOUD	1,998	1,907	1,923	1,970	1,976	1,903	1,959	2,079	2,101	2,103	2,145	2,012	*1,898*	88.7
Males	1,912	1,826	1,844	1,893	1,895	1,827	1,880	2,000	2,001	2,003	2,035	1,926	*1,814*	89.1
Females	86	81	79	77	81	*76*	79	79	100	100	110	86	84	69.1
SAINT PAUL	22,649	*21,518*	21,834	21,802	21,725	21,612	22,124	22,555	23,197	23,235	23,857	24,165	24,164	89.0
Males	16,796	16,140	*16,114*	16,344	16,351	16,214	16,637	16,929	16,854	16,998	17,509	17,733	17,729	90.9
Females	5,853	5,378	5,720	5,458	*5,374*	5,398	5,487	5,626	6,343	6,237	6,348	6,432	6,435	83.5
WINONA	2,534	2,487	2,553	2,514	*2,345*	2,412	2,379	2,399	2,595	2,545	2,616	2,721	2,842	82.5
Males	1,859	1,835	1,835	1,850	*1,758*	1,780	1,788	1,795	1,856	1,910	1,933	1,979	1,989	88.4
Females	675	652	718	664	*587*	632	591	604	739	635	683	742	853	68.8

[1] Excludes Austin and Virginia to avoid disclosure of individual operations.

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	115,623	5,258	8,947	44,940	12,215	10,030	11,517	16,823	5,893
	1914	92,834	(2)	(2)	14,041	8,499	18,116	13,753	35,563	2,862
	1909	84,767	(2)	(2)	7,745	6,452	12,754	14,206	40,103	3,507
Agricultural implements	1919	501	.....	.....	6	230	14	111	140	.....
	1914	872	(2)	(2)	1	.....	9	179	683	.....
Artificial stone products	1919	766	4	1	93	3	232	21	412	.....
	1914	738	(2)	(2)	49	11	234	23	421	.....
Automobile bodies and parts	1919	405	21	2	5	138	142	47	50	.....
	1914	141	.....	.....	.....	63	15	44	19	.....
Automobile repairing	1919	1,842	1	32	213	203	744	110	518	21
	1914	456	(2)	(2)	36	.....	201	28	149	42
Boots and shoes	1919	2,153	5	.....	400	1,299	.....	449	.....	.....
	1914	2,012	(2)	(2)	39	.....	432	779	762	.....
Boxes, set up paper boxes and cartons	1919	711	17	7	335	149	203	.....	.....	.....
	1914	650	(2)	(2)	65	137	42	170	236	.....
Boxes, wooden packing, except cigar boxes	1919	695	7	.....	.....	62	158	326	142	.....
	1914	768	(2)	(2)	2	8	25	46	687	.....
Bread and other bakery products	1919	2,975	29	906	1,201	74	609	19	113	24
	1914	2,169	(2)	(2)	232	74	983	75	776	29
Brick and tile, terra-cotta, and fire-clay products	1919	799	.....	.....	132	.....	157	.....	510	.....
	1914	1,215	(2)	(2)	107	11	127	8	955	7
Butter	1919	1,962	68	10	497	14	366	74	833	100
	1914	1,426	(2)	(2)	230	18	306	10	796	66
Canning and preserving, vegetables	1919	456	13	9	46	4	19	.....	351	14
	1914	317	(2)	(2)	111	13	19	6	122	46
Carriages and wagons, including repairs	1919	565	.....	.....	9	8	29	473	46	.....
	1914	838	(2)	(2)	10	27	160	411	230	.....
Cars and general shop construction and repairs by electric-railroad companies.	1919	436	.....	.....	1	.....	303	.....	121	11
	1914	435	(2)	(2)	7	.....	3	45	369	11
Cars and general shop construction and repairs by steam-railroad companies.	1919	15,976	.....	5,883	9,565	.....	96	392	39	1
	1914	10,551	(2)	(2)	2,031	1,746	2,257	3,049	1,067	401
Clothing, men's	1919	1,561	1,231	.....	244	86	.....	.....	.....	.....
	1914	2,119	(2)	(2)	619	974	473	22	31	.....
Coffee, roasting and grinding	1919	532	34	.....	137	75	2	.....	284	.....
	1914	313	(2)	(2)	42	100	61	110	.....	.....
Coke, not including gas-house coke [3]	1919	426	.....	.....	.....	.....	.....	.....	.....	426
Confectionery and ice cream	1919	1,959	108	45	672	656	273	65	119	21
	1914	978	(2)	(2)	23	36	436	331	73	70
Cooperage	1919	575	.....	.....	22	113	54	236	150	.....
	1914	766	(2)	(2)	129	.....	175	85	377	.....
Copper, tin, and sheet-iron work	1919	758	220	15	201	197	42	30	53	.....
	1914	855	(2)	(2)	472	24	141	61	157	.....
Electrical machinery, apparatus, and supplies	1919	942	39	.....	14	404	68	417	.....	.....
	1914	236	(2)	(2)	19	76	18	122	.....	1
Engines, steam, gas, and water	1919	1,529	.....	32	763	81	80	418	149	.....
	1914	508	.....	.....	.....	20	96	196	196	.....
Flour-mill and gristmill products	1919	6,049	16	.....	4,800	29	100	249	646	209
	1914	4,564	(2)	(2)	1,458	.....	904	18	1,646	538
Food preparations, not elsewhere specified	1919	624	23	6	133	62	59	232	109	.....
	1914	426	(2)	(2)	6	15	148	179	68	10
Foundry and machine-shop products [4]	1919	6,360	238	27	1,222	710	1,109	2,596	458	.....
	1914	3,623	(2)	(2)	84	360	653	1,494	1,032	.....
Fur goods	1919	905	786	.....	76	16	5	2	20	.....
	1914	838	(2)	(2)	23	472	340	3	.....	.....
Furniture	1919	1,587	2	30	87	276	292	507	393	.....
	1914	1,473	(2)	(2)	14	.....	396	212	851	.....
Gas, illuminating and heating	1919	707	6	22	5	1	8	631	6	28
	1914	1,038	(2)	(2)	13	.....	18	633	43	331
Knit goods	1919	3,564	1	80	403	3,080	.....	.....	.....	.....
	1914	2,088	(2)	(2)	35	32	2,021	.....	.....	.....
Leather goods, not elsewhere specified [3]	1919	683	446	.....	237	.....	.....	.....	.....	.....

[1] Includes 48 and under for 1914 and 1909.
[2] Corresponding figures not available.
[3] Not shown separately in 1914.
[4] Includes "iron and steel, welding" and "machine tools."

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
Liquors, malt	1919	1,036	.....	.....	823	.....	59	60	94	.....
	1914	2,052	(2)	(2)	1,057	3	645	.....	347	.....
Lumber and timber products	1919	12,602	7	.....	330	43	1,553	221	7,698	2,750
	1914	16,814	(2)	(2)	16	280	1,456	25	14,687	350
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	2,188	1	129	11	302	738	721	286	.....
	1914	3,137	(2)	(2)	7	137	187	635	2,171	.....
Marble and stone work	1919	1,021	288	.....	458	71	128	30	46	.....
	1914	1,579	(2)	(2)	971	14	184	197	213	.....
Mattresses and spring beds, not elsewhere specified	1919	459	.....	.....	21	11	11	387	29	.....
	1914	440	(2)	(2)	6	22	49	63	300	.....
Millinery and lace goods, not elsewhere specified	1919	541	35	233	57	216	.....	.....	.....	.....
	1914	308	(2)	(2)	4	8	295	.....	1	.....
Oil, linseed	1919	483	.....	.....	.....	25	146	.....	248	64
	1914	400	.....	.....	.....	.....	.....	.....	131	269
Paper and wood pulp	1919	2,523	.....	.....	1,672	.....	.....	.....	544	307
	1914	1,345	.....	.....	.....	.....	.....	.....	900	445
Patent medicines and compounds	1919	461	27	54	111	76	173	15	5	.....
	1914	561	(2)	(2)	74	81	177	215	14	.....
Printing and publishing, book and job	1919	3,062	248	446	2,224	135	8	1	.....	.....
	1914	2,901	(2)	(2)	1,426	1,233	215	14	3	10
Printing and publishing, newspapers and periodicals	1919	3,058	121	111	2,285	211	290	11	28	1
	1914	2,942	(2)	(2)	1,876	291	553	50	169	3
Saddlery and harness	1919	436	1	.....	143	6	4	257	25	.....
	1914	530	(2)	(2)	4	116	88	273	49	.....
Signs and advertising novelties	1919	989	53	.....	873	56	2	.....	.....	5
	1914	238	(2)	(2)	68	137	10	.....	16	7
Slaughtering and meat packing	1919	5,231	.....	.....	5,059	.....	103	45	3	21
	1914	2,565	.....	.....	.....	15	4	8	2,538	.....
Structural ironwork, not made in steel works or rolling mills	1919	2,183	16	.....	1,542	11	375	220	19	.....
	1914	2,058	.....	.....	.....	.....	31	1,973	54	.....
Tinware, not elsewhere specified[3]	1919	455	.....	.....	8	420	.....	27	.....	.....
Tobacco, cigars and cigarettes	1919	891	222	121	355	126	34	1	24	8
	1914	1,261	(2)	(2)	925	210	78	2	46	.....
Woolen goods	1919	574	.....	.....	269	186	31	80	8	.....
	1914	448	.....	.....	.....	.....	114	290	44	.....
All other industries	1919	18,427	924	746	7,180	2,350	1,205	2,036	2,104	1,882
	1914	10,842	(2)	(2)	1,750	1,735	3,337	1,699	2,134	217
Total for cities[4]	1919	77,793	4,827	6,317	32,117	10,988	6,712	9,486	4,989	2,357
	1914	57,635	(2)	(2)	12,207	7,773	14,315	10,484	11,386	1,470
DULUTH	1919	10,472	286	235	4,926	702	1,031	467	972	1,853
	1914	5,538	(2)	(2)	464	308	1,364	797	2,264	341
FARIBAULT	1919	806	3	.....	135	7	2	346	271	42
HIBBING	1919	50	1	.....	36	.....	2	3	5	3
	1914	65	(2)	(2)	42	.....	5	.....	18	.....
MANKATO	1919	771	5	.....	244	95	63	156	208	.....
	1914	755	(2)	(2)	55	24	239	9	397	31
MINNEAPOLIS	1919	38,154	1,876	4,066	15,232	6,288	3,043	5,367	1,941	341
	1914	28,295	(2)	(2)	6,403	1,612	9,013	5,464	5,359	444
ROCHESTER	1919	359	.....	72	174	.....	61	23	29	.....
ST. CLOUD	1919	1,998	158	326	1,266	19	163	14	33	19
	1914	1,429	(2)	(2)	486	96	95	49	678	25
ST. PAUL	1919	22,649	2,449	1,598	8,997	3,453	1,964	2,696	1,397	95
	1914	19,483	(2)	(2)	4,592	5,230	2,980	3,667	2,406	608
WINONA	1919	2,534	49	20	1,107	424	383	414	133	4
	1914	2,070	(2)	(2)	165	503	619	498	264	21

[1] Includes 48 and under for 1914 and 1919.
[2] Corresponding figures not available.
[3] Not shown separately in 1914.
[4] Excludes Austin and Virginia to avoid disclosure of individual operations.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	6,225	115,623	771	3,707	7,318	992	11,129	383	12,234	167	11,748	127	19,300	48	15,895	18	12,633	12	25,366
Agricultural implements	16	501		5	14	5	56	4	141			2	290						
Artificial stone products	171	766	10	128	235	24	254	9	277										
Automobile bodies and parts	48	405	9	26	63	7	89	5	167	1	86								
Automobile repairing	592	1,842	21	500	996	63	607	8	239										
Boots and shoes	16	2,153		2	6	2	31	1	43	3	225	5	718	2	542	1	588		
Boxes, set-up paper boxes and cartons	16	711		3	14	7	92	3	87	1	64	1	203	1	251				
Boxes, wooden packing, except cigar boxes	28	695		9	23	9	105	7	252	2	180	1	135						
Bread and other bakery products	426	2,975	77	279	553	51	493	11	305	3	174	2	290	3	1,160				
Brick and tile, terra-cotta, and fire-clay products	34	799		5	15	20	264	5	165	3	210	1	145						
Butter	832	1,962	37	754	1,177	31	320	8	263	1	76	1	126						
Canning and preserving, vegetables	25	456		2	5	17	231	5	138	1	82								
Carriages and wagons, including repairs	67	565	16	41	78	6	60			1	84	3	343						
Cars and general shop construction and repairs by electric-railroad companies	8	436		4	9	2	23					1	105	1	299				
Cars and general shop construction and repairs by steam-railroad companies	75	15,976		14	32	11	135	11	326	10	765	13	2,147	5	1,656	8	5,635	3	5,280
Clothing, men's	34	1,561		6	20	8	96	14	494	3	232	2	395	1	324				
Coffee, roasting and grinding	13	532		1	2	7	59	2	67	2	120			1	284				
Coke, not including gas-house coke	3	426								1	91	2	335						
Confectionery and ice cream	117	1,959	18	53	118	27	347	9	255	6	396	3	449	1	394				
Cooperage	11	575	1	1	2			5	176	2	131	2	266						
Copper, tin, and sheet-iron work	128	758	12	86	193	23	241	5	182	2	142								
Electrical machinery, apparatus, and supplies	20	942	2	6	23	5	52	2	55	3	173			2	639				
Engines, steam, gas, and water	14	1,529		2	8	2	27	4	140	3	241	1	138	1	273	1	702		
Flour-mill and gristmill products	248	6,049	23	151	334	31	346	23	661	12	823	4	550	2	703			2	2,632
Food preparations, not elsewhere specified	41	624	2	22	51	9	94	4	127	3	180	1	172						
Foundry and machine-shop products	216	6,183	15	74	179	76	901	28	866	9	657	9	1,331	4	1,344	1	905		
Fur goods	45	905	2	22	59	15	176	2	65	2	106	1	229	1	270				
Furniture	59	1,587	3	18	52	14	181	16	590	4	309	4	455						
Gas, illuminating and heating	23	707		14	34	7	95					1	158	1	420				
Knit goods	16	3,564	1	4	7	7	73	1	43	1	74			1	354			1	3,013
Leather goods, not elsewhere specified	11	683		2	6			4	113	3	228	2	336						
Liquors, malt	28	1,036	1	6	28	12	133	3	72	4	275	1	184	1	344				
Lumber and timber products	244	12,002	8	130	246	43	486	20	644	9	687	15	2,157	5	1,501	4	3,136	1	3,745
Lumber, planing-mill products, not including planing mills connected with sawmills	94	2,188	8	36	67	22	281	12	404	11	729	5	707						
Marble and stone work	109	1,021	16	55	119	20	205	14	410	3	165	1	122						
Mattresses and spring beds, not elsewhere specified	9	459		1	2	3	40	2	74	1	80	2	263						
Millinery and lace goods, not elsewhere specified	23	541		13	21	7	89			1	82	2	349						
Oil, linseed	6	483						2	50	2	137	2	296						
Paper and wood pulp	9	2,523						1	32	1	96	2	269	3	1,011	2	1,115		
Patent medicines and compounds	51	461	9	24	39	14	140	3	109			1	173						
Printing and publishing, book and job	277	3,062	52	123	279	66	761	26	876	6	403	3	341	1	402				
Printing and publishing, newspapers and periodicals	701	3,058	211	417	798	57	598	7	212	4	284	3	473	2	693				
Saddlery and harness	51	436	7	36	47	1	19	4	127	3	243								
Signs and advertising novelties	31	989	1	20	48	5	52	1	43	2	123	1	171			1	552		
Slaughtering and meat packing	13	5,231		3	8	2	23	3	90	1	92	1	144	1	362			2	4,512
Structural ironwork, not made in steel works or rolling mills	19	2,183		4	8	9	97	1	25	2	122	2	390					1	1,541
Tinware, not elsewhere specified	7	455	2			2	19	1	27	1	72			1	337				
Tobacco, cigars and cigarettes	216	891	86	101	212	24	290	2	66	1	53	2	270						
Woolen goods	11	574		3	9	4	58			2	130	1	111	1	266				
All other industries	973	18,604	121	492	1,079	215	2,390	85	2,736	31	2,126	21	3,564	6	2,066			2	4,643
Total for cities[1]	2,776	77,793	327	1,214	2,825	685	7,790	283	9,173	122	8,531	87	13,310	39	12,837	11	7,545	8	15,782
DULUTH	226	10,472	17	85	213	65	733	23	715	17	1,167	14	2,109	3	892			2	4,643
FARIBAULT	53	806	3	33	65	10	109	3	125	3	255			1	252				
HIBBING	16	50	4	9	20	3	30												
MANKATO	55	771	10	23	60	12	149	7	264	4	298								
MINNEAPOLIS	1,421	38,154	158	642	1,497	352	3,982	143	4,621	60	4,063	40	5,988	19	6,352	1	512	6	11,139
ROCHESTER	41	359	7	22	53	10	108	1	24			1	174						
ST. CLOUD	72	1,998	5	29	80	22	271	13	404			1	122	1	326	1	795		
ST. PAUL	818	22,649	115	346	780	195	2,225	80	2,603	32	2,318	28	4,490	14	4,621	8	5,612		
WINONA	73	2,534	8	25	57	16	183	13	417	6	430	3	427	1	394	1	626		

[1] Excludes Austin and Virginia to avoid disclosure of individual operations.

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	6,225	5,974	5,561	115,623	92,834	84,767	$1,218,129,735	$493,354,136	$409,419,621	$335,039,958	$156,504,922	$127,797,334
Less than $5,000	1,541	2,046	1,969	1,009	2,108	2,194	4,053,239	5,094,063	4,663,743	2,674,854	3,358,140	3,080,907
$5,000 to $20,000	1,753	1,894	1,743	4,507	7,238	6,767	21,302,797	19,742,774	18,742,099	13,440,914	10,370,932	9,419,792
$20,000 to $100,000	1,850	1,476	1,347	13,228	15,170	14,180	90,269,656	63,585,461	56,703,495	31,841,810	23,117,977	20,748,523
$100,000 to $500,000	783	407	437	24,092	38,311	37,726	157,105,175	88,521,085	130,802,555	58,274,724	56,613,265	51,618,590
$500,000 to $1,000,000	132	79		14,509			93,621,686	56,156,041		36,378,265		
$1,000,000 and over	166	72	65	58,278	30,007	23,900	851,777,182	260,254,712	198,507,729	192,429,391	63,044,608	42,929,522
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	24.8	34.2	35.4	0.9	2.3	2.6	0.3	1.0	1.1	0.8	2.1	2.4
$5,000 to $20,000	28.2	31.7	31.3	3.9	7.8	8.0	1.7	4.0	4.6	4.0	6.6	7.4
$20,000 to $100,000	29.7	24.7	24.2	11.4	16.3	16.7	7.4	12.9	13.8	9.5	14.8	16.2
$100,000 to $500,000	12.6	6.8	7.9	20.8	41.3	44.5	12.9	17.9	31.9	17.4	36.2	40.4
$500,000 to $1,000,000	2.1	1.3		12.5			7.7	11.4		10.9		
$1,000,000 and over	2.7	1.2	1.2	50.4	32.3	28.2	69.9	52.8	48.5	57.4	40.3	33.6

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
BOOTS AND SHOES	16	14	100.0	100.0	2,153	2,012	100.0	100.0	$12,644,659	$5,918,031	100.0	100.0	$4,901,556	$1,937,639	100.0	100.0
$20,000 to $100,000	[1] 4	4	25.0	28.6	[1] 37	63	1.7	3.1	[1] 165,253	172,583	1.3	2.9	[1] 53,297	93,257	1.1	4.8
$100,000 to $500,000	4	5	25.0	35.7	281	[2] 1,949	13.1	96.9	1,287,405	1,659,415	10.2	28.0	682,274	[2] 1,844,382	13.9	95.2
$500,000 to $1,000,000	5	[3] 5	31.2	35.7	752	.....	34.9	.....	4,003,671	[3] 4,086,033	31.7	69.0	1,457,794	.....	29.7	.....
$1,000,000 and over	3	.....	18.8	.....	1,083	.....	50.3	.....	7,188,330	.....	56.8	.....	2,708,191	.....	55.3	.....
BREAD AND OTHER BAKERY PRODUCTS	426	443	100.0	100.0	2,975	2,169	100.0	100.0	22,815,456	8,724,162	100.0	100.0	8,809,372	3,029,774	100.0	100.0
Less than $5,000	78	172	18.3	38.8	34	118	1.1	5.4	221,469	522,307	1.0	6.0	90,252	257,057	1.0	6.5
$5,000 to $20,000	198	212	46.5	47.9	275	553	9.2	25.5	2,129,286	2,068,581	9.3	23.7	784,661	937,096	8.9	23.8
$20,000 to $100,000	126	47	29.6	10.6	680	427	22.9	19.7	5,032,207	1,769,884	22.1	20.3	1,716,868	723,036	19.5	18.4
$100,000 to $500,000	[4] 19	9	4.5	2.0	[4] 536	[2] 1,071	18.0	49.4	[4] 4,990,021	1,864,978	21.9	21.4	[4] 1,743,166	[2] 2,012,585	19.8	51.2
$500,000 to $1,000,000	.....	[3] 3	.....	0.7	.....	.....	.....	.....	.....	[3] 2,498,412	.....	28.6	.....	.....	.....	.....
$1,000,000 and over	5	.....	1.2	.....	1,450	.....	48.7	.....	10,442,473	.....	45.8	.....	4,474,425	.....	50.8	.....
BUTTER	832	773	100.0	100.0	1,962	1,426	100.0	100.0	88,882,271	33,294,003	100.0	100.0	6,951,120	2,932,801	100.0	100.0
Less than $5,000	7	27	0.8	3.5	1	14	0.1	1.0	21,883	85,956	(5)	0.3	4,059	10,165	0.1	0.3
$5,000 to $20,000	53	220	6.4	28.5	30	209	1.5	14.7	717,502	3,038,415	0.8	9.1	79,927	330,527	1.1	11.3
$20,000 to $100,000	532	488	63.9	63.1	719	817	36.6	57.3	29,702,947	20,136,706	33.4	60.5	2,111,150	1,759,793	30.4	60.0
$100,000 to $500,000	222	34	26.7	4.4	706	[2] 386	36.0	27.1	36,541,071	6,658,733	41.1	20.0	2,225,219	[2] 832,316	32.0	28.4
$500,000 to $1,000,000	12	[3] 4	1.4	0.5	196	.....	10.0	.....	9,075,211	[3] 3,374,193	10.2	10.1	1,159,266	.....	16.7	.....
$1,000,000 and over	6	.....	0.7	.....	310	.....	15.8	.....	12,823,657	.....	14.4	.....	1,371,499	.....	19.7	.....
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	75	38	100.0	100.0	15,976	10,551	100.0	100.0	35,350,764	14,594,018	100.0	100.0	22,658,210	8,266,790	100.0	100.0
Less than $5,000	8	.....	10.7	.....	10	.....	0.1	.....	18,983	.....	0.1	.....	14,500	.....	0.1	.....
$5,000 to $20,000	8	3	10.7	7.9	37	21	0.2	0.2	104,676	23,361	0.3	0.2	62,973	14,515	0.3	0.2
$20,000 to $100,000	20	13	26.7	34.2	446	455	2.8	4.3	983,611	728,611	2.8	5.0	728,972	439,736	3.2	5.3
$100,000 to $500,000	22	13	29.3	34.2	2,787	[4] 6,250	17.4	59.2	5,535,273	3,381,037	15.7	23.2	3,881,343	[4] 4,763,030	17.1	57.6
$500,000 to $1,000,000	6	6	8.0	15.8	1,781	.....	11.1	.....	3,933,701	4,611,267	11.1	31.6	2,792,438	.....	12.3	.....
$1,000,000 and over	11	3	14.7	7.9	10,915	3,825	68.3	36.3	24,774,520	5,849,742	70.1	40.1	15,177,984	3,049,509	67.0	36.9
CLOTHING, MEN'S	34	32	100.0	100.0	1,561	2,119	100.0	100.0	7,065,358	4,738,607	100.0	100.0	2,225,556	1,614,680	100.0	100.0
Less than $5,000	.....	3	.....	9.4	.....	8	.....	0.4	.....	9,460	.....	0.2	.....	8,014	.....	0.5
$5,000 to $20,000	[1] 7	6	20.6	18.8	[1] 32	66	2.0	3.1	[1] 61,161	67,505	0.9	1.4	[1] 59,179	48,569	2.7	3.0
$20,000 to $100,000	11	13	32.4	40.6	224	462	14.3	21.8	562,743	706,998	8.0	14.9	244,839	288,177	11.0	17.8
$100,000 to $500,000	12	6	35.3	18.8	486	[2] 1,583	31.1	74.7	2,867,343	1,105,366	40.6	23.3	1,171,530	[2] 1,269,920	52.6	78.6
$500,000 and over	4	4	11.8	12.5	819	.....	52.5	.....	3,574,111	2,849,278	50.6	60.1	750,008	.....	33.7	.....
CONFECTIONERY AND ICE CREAM	117	102	100.0	100.0	1,959	978	100.0	100.0	10,055,805	3,876,914	100.0	100.0	4,368,205	1,632,507	100.0	100.0
Less than $5,000	23	28	19.7	27.5	10	25	0.5	2.6	55,275	65,887	0.5	1.7	27,336	36,154	0.6	2.2
$5,000 to $20,000	28	36	23.9	35.3	56	100	2.9	10.2	277,511	340,606	2.8	8.8	111,817	168,397	2.6	10.3
$20,000 to $100,000	45	27	38.5	26.5	420	309	21.4	31.6	1,910,342	1,209,602	19.0	31.2	842,318	534,234	19.3	32.7
$100,000 to $500,000	15	11	12.8	10.8	863	544	44.1	55.6	3,329,548	2,260,819	33.1	58.3	1,499,892	893,722	34.3	54.7
$500,000 and over	6	.....	5.1	.....	610	.....	31.1	.....	4,483,129	.....	44.6	.....	1,886,842	.....	43.2	.....

[1] Includes the group "Less than $5,000."
[2] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[3] Includes the group "$1,000,000 and over."
[4] Includes the group "$500,000 to $1,000,000."
[5] Less than one-tenth of 1 per cent.

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Continued.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
FLOUR-MILL AND GRISTMILL PRODUCTS	248	286	100.0	100.0	6,049	4,564	100.0	100.0	$381,248,891	$148,243,708	100.0	100.0	$43,376,379	$20,929,137	100.0	100.0
Less than $5,000	9	17	3.6	5.9	3	8	(1)	0.2	28,149	49,388	(1)	(1)	6,654	14,198	(1)	0.1
$5,000 to $20,000	24	55	9.7	19.2	15	59	0.2	1.3	319,507	686,228	0.1	0.5	54,386	138,387	0.1	0.7
$20,000 to $100,000	104	131	41.9	45.8	192	347	3.2	7.6	5,692,696	6,074,304	1.5	4.1	841,143	1,033,926	1.9	4.9
$100,000 to $500,000	57	47	23.0	16.4	308	[2] 648	5.1	14.2	11,026,747	10,462,497	2.9	7.1	1,350,294	[2] 2,310,184	3.1	11.0
$500,000 to $1,000,000	6	11	2.4	3.9	84	.....	1.4	.....	4,176,771	8,132,086	1.1	5.5	450,399	.....	1.0	.....
$1,000,000 and over	48	25	19.4	8.7	5,447	3,502	90.0	76.7	360,005,021	122,839,205	94.4	82.9	40,673,503	17,432,442	93.8	83.3
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	41	27	100.0	100.0	624	426	100.0	100.0	14,706,653	4,978,745	100.0	100.0	4,288,519	1,929,386	100.0	100.0
Less than $5,000	7	9	17.1	33.3	7	8	1.1	1.9	17,761	26,741	0.1	0.5	8,519	14,357	0.2	0.7
$5,000 to $20,000	10	6	24.4	22.2	19	27	3.0	6.3	119,901	70,861	0.8	1.4	45,431	17,536	1.1	0.9
$20,000 to $100,000	12	8	29.3	29.6	71	88	11.4	20.7	521,333	504,305	3.5	10.1	188,034	159,161	4.4	8.2
$100,000 to $500,000	8	[3] 4	19.5	14.8	185	[3] 303	29.6	71.1	1,883,303	[3] 4,376,838	12.8	87.9	682,723	[3] 1,738,332	15.9	90.1
$500,000 and over	4	.....	9.8	.....	342	.....	54.8	.....	12,164,355	.....	82.7	.....	3,363,812	.....	78.4	.....
FOUNDRY AND MACHINE-SHOP PRODUCTS [4]	231	205	100.0	100.0	6,360	3,623	100.0	100.0	32,787,137	10,549,183	100.0	100.0	19,830,311	5,889,644	100.0	100.0
Less than $5,000	31	61	13.4	29.8	17	95	0.3	2.6	78,078	173,794	0.2	1.6	56,633	124,686	0.3	2.1
$5,000 to $20,000	63	70	27.3	34.1	188	363	3.0	10.0	636,119	727,513	1.9	6.9	438,050	508,748	2.2	8.6
$20,000 to $100,000	83	53	35.9	25.9	996	862	15.7	23.8	3,912,203	2,164,383	11.9	20.5	2,290,458	1,246,970	11.6	21.2
$100,000 to $500,000	39	15	16.9	7.3	1,591	[2] 2,303	25.0	63.6	7,923,102	2,996,713	24.2	28.4	4,485,479	[2] 4,009,240	22.6	68.1
$500,000 to $1,000,000	8	6	3.5	2.9	1,119	.....	17.6	.....	5,181,747	4,486,780	15.8	42.5	3,017,983	.....	15.2	.....
$1,000,000 and over	7	.....	3.0	.....	2,449	.....	38.5	.....	15,055,888	.....	45.9	.....	9,541,708	.....	48.1	.....
FUR GOODS	45	36	100.0	100.0	905	838	100.0	100.0	8,062,860	4,207,468	100.0	100.0	2,858,587	1,530,828	100.0	100.0
Less than $5,000	6	10	13.3	27.8	4	7	0.4	0.8	16,211	24,991	0.2	0.6	9,933	19,023	0.3	1.2
$5,000 to $20,000	11	8	24.4	22.2	40	35	4.4	4.2	102,168	94,457	1.3	2.2	68,903	43,125	2.4	2.8
$20,000 to $100,000	18	12	40.0	33.3	131	178	14.5	21.2	761,265	480,682	9.4	11.6	368,014	270,084	12.9	17.6
$100,000 and over	10	6	22.2	16.7	730	618	80.7	73.7	7,183,216	3,598,338	89.1	85.5	2,411,737	1,198,596	84.4	78.3
LUMBER AND TIMBER PRODUCTS	244	318	100.0	100.0	12,602	16,814	100.0	100.0	37,321,051	32,412,302	100.0	100.0	20,150,453	16,432,885	100.0	100.0
Less than $5,000	103	161	42.2	50.6	111	292	0.9	1.7	250,812	320,942	0.7	1.0	177,383	233,010	0.9	1.4
$5,000 to $20,000	59	80	24.2	25.2	281	808	2.2	4.8	600,921	838,054	1.6	2.6	449,055	617,604	2.2	3.8
$20,000 to $100,000	41	39	16.8	12.3	801	1,201	6.4	7.1	2,029,719	1,601,868	5.4	4.9	1,365,177	1,074,876	6.8	6.5
$100,000 to $500,000	25	23	10.2	7.2	2,275	[2] 5,047	18.1	30.0	6,345,425	5,447,119	17.0	16.8	3,975,606	[2] 4,826,687	19.7	29.4
$500,000 to $1,000,000	7	6	2.9	1.9	1,320	.....	10.5	.....	4,725,582	4,313,137	12.7	13.3	2,631,632	.....	13.1	.....
$1,000,000 and over	9	9	3.7	2.8	7,814	9,466	62.0	56.3	23,368,592	19,891,182	62.6	61.4	11,551,600	9,680,708	57.3	58.9
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	94	100	100.0	100.0	2,188	3,137	100.0	100.0	11,804,330	9,463,993	100.0	100.0	5,276,173	4,202,128	100.0	100.0
Less than $5,000	21	19	22.3	19.0	10	12	0.5	0.4	52,968	42,593	0.4	0.5	25,203	22,315	0.5	0.5
$5,000 to $20,000	17	21	18.1	21.0	36	63	1.6	2.0	181,114	177,083	1.5	1.9	79,268	89,860	1.5	2.1
$20,000 to $100,000	28	31	29.8	31.0	343	537	15.7	17.1	1,570,714	1,533,942	13.3	16.2	736,770	643,531	14.0	15.3
$100,000 to $500,000	21	[2] 29	22.3	29.0	1,039	[2] 2,525	47.5	80.5	4,756,489	[2] 7,709,475	40.3	81.5	2,235,114	[2] 3,446,422	42.4	82.0
$500,000 to $1,000,000	7	.....	7.4	.....	760	.....	34.7	.....	5,243,045	.....	44.4	.....	2,199,818	.....	41.7	.....
PRINTING AND PUBLISHING, BOOK AND JOB	277	258	100.0	100.0	3,062	2,901	100.0	100.0	12,994,804	7,652,223	100.0	100.0	8,644,155	5,541,263	100.0	100.0
Less than $5,000	79	96	28.5	37.2	34	72	1.1	2.5	199,501	218,652	1.5	2.9	134,346	164,028	1.6	3.0
$5,000 to $20,000	96	92	34.7	35.7	279	404	9.1	13.9	1,101,979	924,832	8.5	12.1	735,105	666,550	8.5	12.0
$20,000 to $100,000	67	56	24.2	21.7	821	1,046	26.8	36.1	3,171,429	2,440,599	24.4	31.9	2,027,323	1,672,994	23.5	30.2
$100,000 to $500,000	32	[5] 14	11.6	5.4	1,295	[5] 1,379	42.3	47.5	5,747,635	[5] 4,068,140	44.2	53.2	3,654,501	[5] 3,037,691	42.3	54.8
$500,000 and over	3	.....	1.1	.....	633	.....	20.7	.....	2,774,260	.....	21.3	.....	2,092,880	.....	24.2	.....
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	701	705	100.0	100.0	3,058	2,942	100.0	100.0	20,088,590	11,927,678	100.0	100.0	14,209,849	8,685,303	100.0	100.0
Less than $5,000	363	456	51.8	64.7	240	493	7.8	16.8	980,976	1,147,899	4.9	9.6	745,669	929,572	5.2	10.7
$5,000 to $20,000	239	187	34.1	26.5	544	575	17.8	19.5	2,171,141	1,669,669	10.8	14.0	1,695,707	1,403,169	11.9	16.2
$20,000 to $100,000	82	47	11.7	6.7	648	385	21.2	13.1	3,180,062	1,722,868	15.8	14.4	2,432,129	1,363,608	17.1	15.7
$100,000 to $500,000	10	11	1.4	1.6	331	635	10.8	21.6	2,780,331	2,534,288	13.8	21.2	2,197,709	1,901,487	15.5	21.9
$500,000 to $1,000,000	[5] 7	.....	1.0	.....	[5] 1,295	.....	42.3	.....	[5] 10,976,080	.....	54.6	.....	[5] 7,138,635	.....	50.2	.....
$1,000,000 and over	.....	4	.....	0.6	.....	854	.....	29.0	.....	4,852,954	.....	40.7	.....	3,087,467	.....	35.5
SLAUGHTERING AND MEAT PACKING	13	19	100.0	100.0	5,231	2,565	100.0	100.0	146,361,046	47,535,803	100.0	100.0	17,855,069	5,944,308	100.0	100.0
Less than $20,000	.....	3	.....	15.8	.....	8	.....	0.3	.....	26,940	.....	0.1	.....	11,053	.....	0.2
$20,000 to $100,000	[6] 3	6	23.1	31.6	[6] 14	33	0.3	1.3	[6] 171,562	434,619	0.1	0.9	[6] 48,661	51,651	0.3	0.9
$100,000 to $500,000	3	[2] 6	23.1	31.6	38	[2] 117	0.7	4.6	1,131,219	[2] 2,132,747	0.8	4.5	124,039	[2] 278,325	0.7	4.7
$1,000,000 and over	7	4	53.8	21.1	5,179	2,407	99.0	93.8	145,058,265	44,941,497	99.1	94.5	17,682,369	5,603,279	99.0	94.3

[1] Less than one-tenth of 1 per cent.
[2] Includes the group "$500,000 to $1,000,000."
[3] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[4] Includes "iron and steel, welding" and "machine tools."
[5] Includes the group "$1,000,000 and over."
[6] Includes the group "$5,000 to $20,000."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.[1]	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
DULUTH	226	10,472	100.0	$75,261,387	100.0	$32,231,933	100.0
Less than $5,000	26	18	0.2	72,471	0.1	44,693	0.1
$5,000 to $20,000	62	200	1.9	690,551	0.9	417,516	1.3
$20,000 to $100,000	73	718	6.9	3,453,412	4.6	1,926,775	6.0
$100,000 to $500,000	37	1,679	16.0	7,941,816	10.6	4,168,063	12.9
$500,000 to $1,000,000	15	1,755	16.8	9,923,891	13.2	3,752,847	11.6
$1,000,000 and over	13	6,102	58.3	53,179,246	70.7	21,922,039	68.0
FARIBAULT	53	806	100.0	10,155,358	100.0	2,076,674	100.0
Less than $5,000	12	10	1.2	35,045	0.3	23,903	1.2
$5,000 to $20,000	20	63	7.8	210,455	2.1	115,497	5.6
$20,000 to $100,000	12	77	9.6	587,269	5.8	227,003	10.9
$100,000 and over	9	656	81.4	9,322,589	91.8	1,710,271	82.4
HIBBING	16	50	100.0	320,427	100.0	152,746	100.0
Less than $5,000	5	3	6.0	14,697	4.6	8,916	5.8
$5,000 to $20,000	5	9	18.0	68,679	21.4	26,254	17.2
$20,000 to $100,000	6	38	76.0	237,051	74.0	117,576	77.0
MANKATO	56	771	100.0	9,766,306	100.0	1,814,261	100.0
Less than $5,000	15	7	0.9	36,032	0.4	19,231	1.1
$5,000 to $20,000	12	42	5.4	136,381	1.4	71,531	3.9
$20,000 to $100,000	18	244	31.6	722,427	7.4	389,908	21.5
$100,000 and over	11	478	62.0	8,871,466	90.8	1,333,591	73.5
MINNEAPOLIS	1,421	38,154	100.0	491,382,975	100.0	128,548,940	100.0
Less than $5,000	247	135	0.4	665,707	0.1	439,576	0.3
$5,000 to $20,000	423	1,122	2.9	7,698,566	1.6	5,887,388	4.6
$20,000 to $100,000	438	4,139	10.8	20,253,921	4.1	10,887,132	8.5
$100,000 to $500,000	218	8,359	21.9	48,655,451	9.9	22,518,058	17.5
$500,000 to $1,000,000	45	4,492	11.8	30,931,632	6.3	13,311,117	10.4
$1,000,000 and over	50	19,907	52.2	383,177,698	78.0	75,505,669	58.7
ROCHESTER	41	359	100.0	$2,250,242	100.0	$943,433	100.0
Less than $5,000	11	4	1.1	18,110	0.8	11,091	1.2
$5,000 to $20,000	13	32	8.9	146,093	6.5	74,126	7.9
$20,000 to $100,000	11	85	23.7	389,621	17.3	198,976	21.1
$100,000 and over	6	238	66.3	1,696,418	75.4	659,240	69.9
ST. CLOUD	72	1,998	100.0	7,733,764	100.0	3,266,540	100.0
Less than $5,000	7	3	0.2	21,701	0.3	14,508	0.4
$5,000 to $20,000	23	75	3.8	240,285	3.1	142,136	4.4
$20,000 to $100,000	27	326	16.3	1,229,354	15.9	677,837	20.8
$100,000 to $500,000 [2]	12	758	37.9	2,397,719	31.0	1,286,921	39.4
$1,000,000 and over	3	836	41.8	3,844,705	49.7	1,145,138	35.1
ST. PAUL	818	22,649	100.0	149,638,290	100.0	64,467,830	100.0
Less than $5,000	172	79	0.3	399,350	0.3	263,289	0.4
$5,000 to $20,000	231	574	2.5	2,533,439	1.7	1,497,010	2.3
$20,000 to $100,000	232	2,454	10.8	10,947,363	7.3	5,740,191	8.9
$100,000 to $500,000	115	4,361	19.3	24,748,619	16.5	11,913,952	18.5
$500,000 to $1,000,000	29	3,434	15.2	21,361,736	14.3	8,533,001	13.2
$1,000,000 and over	39	11,747	51.9	89,647,783	59.9	36,520,387	56.6
WINONA	73	2,534	100.0	25,119,522	100.0	5,846,416	100.0
Less than $5,000	8	4	0.2	21,675	0.1	12,802	0.2
$5,000 to $20,000	16	32	1.3	164,029	0.7	91,399	1.6
$20,000 to $100,000	26	312	12.3	1,442,678	5.7	598,788	10.2
$100,000 to $500,000 [2]	18	1,119	44.2	4,834,737	19.2	1,990,190	34.0
$1,000,000 and over	5	1,067	42.1	18,656,403	74.3	3,153,237	53.9

[1] Excludes Austin and Virginia to avoid disclosure of individual operations.

[2] Includes the group "$500,000 to $1,000,000."

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	2,653	1,809	1,703	115,623	7,827	99,983	7,813	6.8	86.5	6.8	$1,218,129,735	$48,556,598	$1,069,259,122	$100,314,015	4.0	87.8	8.2
	1914	2,825	1,483	1,666	92,834	8,502	75,840	8,492	9.2	81.7	9.1	493,354,136	31,330,735	414,730,487	47,292,914	6.4	84.1	9.6
	1909	2,654	1,326	1,581	84,767	9,123	67,475	8,169	10.8	79.6	9.6	409,419,621	37,022,048	330,924,567	41,473,006	9.0	80.8	10.1
Automobile repairing	1919	288	71	233	1,842	674	550	618	36.6	29.9	33.6	9,282,481	2,303,878	4,871,096	2,107,507	24.8	52.5	22.7
	1914	77	22	51	456	162	129	165	35.5	28.3	36.2	1,076,221	400,656	283,307	392,258	37.2	26.3	36.4
Bread and other bakery products.	1919	318	47	61	2,975	688	2,059	228	23.1	69.2	7.7	22,815,456	5,028,491	16,128,511	1,658,454	22.0	70.7	7.3
	1914	346	40	57	2,169	738	1,263	168	34.0	58.2	7.7	8,724,162	2,966,004	5,076,418	681,740	34.0	58.2	7.8
Butter	1919	104	80	648	1,962	142	732	1,088	7.2	37.3	55.5	88,882,271	6,586,292	28,337,430	53,958,549	7.4	31.9	60.7
	1914	115	47	611	1,426	153	353	920	10.7	24.8	64.5	33,294,003	3,196,601	8,413,114	21,684,288	9.6	25.3	65.1
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	75	.....	15,976	.....	15,976	.....	.....	100.0	.....	35,350,764	.....	35,350,764	.....	.....	100.0	.....
	1914	.....	38	.....	10,551	.....	10,551	.....	.....	100.0	.....	14,594,018	.....	14,594,018	.....	.....	100.0	.....
Clothing, men's	1919	9	16	9	1,561	150	1,278	133	9.6	81.9	8.5	7,065,358	738,074	5,705,213	622,071	10.4	80.7	8.8
	1914	12	14	6	2,119	147	1,588	384	6.9	74.9	18.1	4,738,607	262,932	4,063,542	412,133	5.5	85.8	8.7
Confectionery and ice cream.	1919	36	38	43	1,959	179	1,598	182	9.1	81.6	9.3	10,055,805	1,245,623	7,805,017	1,005,165	12.4	77.6	10.0
	1914	41	28	33	978	158	668	152	16.2	68.3	15.5	3,876,914	643,027	2,582,830	651,057	16.6	66.6	16.8
Flour-mill and gristmill products.	1919	67	131	50	6,049	135	5,749	165	2.2	95.0	2.7	381,248,891	5,641,000	366,266,121	9,341,770	1.5	96.1	2.5
	1914	105	105	76	4,564	282	3,984	298	6.2	87.3	6.5	148,243,708	5,999,856	134,861,980	7,381,872	4.0	91.0	5.0
Food preparations, not elsewhere specified.	1919	6	27	8	624	14	579	31	2.2	92.8	5.0	14,706,653	152,645	14,382,630	171,378	1.0	97.8	1.2
	1914	4	17	6	426	4	405	17	0.9	95.1	4.0	4,978,745	12,377	4,902,391	63,977	0.2	98.5	1.3
Foundry and machine-shop products.[1]	1919	78	109	44	6,360	533	4,269	1,558	8.4	67.1	24.5	32,787,137	2,474,808	22,453,201	7,859,128	7.5	68.5	24.0
	1914	73	90	42	3,623	283	2,417	923	7.8	66.7	25.5	10,549,183	634,789	8,083,697	1,830,697	6.0	76.6	17.4
Fur goods	1919	29	11	5	905	222	656	27	24.5	72.5	3.0	8,062,860	1,185,665	6,704,865	172,330	14.7	83.2	2.1
	1914	21	10	5	838	102	482	254	12.2	57.5	30.3	4,207,468	344,222	3,036,721	826,525	8.2	72.2	19.6
Knit goods	1919	7	8	1	3,564	.....	3,518	[2] 46	.....	98.7	1.3	13,984,944	.....	13,731,353	[2] 253,591	.....	98.2	1.8
	1914	5	6	2	2,088	.....	2,029	[2] 59	.....	97.2	2.8	4,665,325	.....	4,545,870	[2] 119,455	.....	97.4	0.6
Liquors, malt	1919	5	20	3	1,036	36	985	15	3.5	95.1	1.4	7,712,734	883,820	7,480,729	48,185	2.4	97.0	2.6
	1914	21	36	8	2,052	86	1,915	51	4.2	93.3	2.5	14,266,296	387,630	13,639,940	238,726	2.7	95.6	1.7

[1] Includes "iron and steel, welding" and "machine tools."

[2] Includes the group "Individuals."

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.—Continued.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
Lumber and timber products.	1919	135	55	54	12,602	946	11,016	640	7.5	87.4	5.1	$37,321,051	$2,117,916	$33,483,646	$1,719,489	5.7	89.7	4.6
	1914	176	68	74	16,814	1,046	14,567	1,201	6.2	86.6	7.1	32,412,302	1,402,822	29,695,244	1,314,236	4.3	91.6	4.1
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	31	45	18	2,188	120	1,805	263	5.5	82.5	12.0	11,804,330	586,198	9,257,051	1,961,081	5.0	78.4	16.6
	1914	25	56	19	3,137	193	2,764	180	6.2	88.1	5.7	9,463,993	981,995	8,028,283	453,715	10.4	84.8	4.8
Oil, linseed	1919	.....	6	.....	483	.....	483	.....	.....	100.0	.....	33,237,740	.....	33,237,740	.....	.....	100.0	.....
	1914	.....	6	.....	400	.....	400	.....	.....	100.0	.....	12,356,906	.....	12,356,906	.....	.....	100.0	.....
Printing and publishing, book and job.	1919	140	83	54	3,062	394	2,398	270	12.9	78.3	8.8	12,994,804	1,631,684	10,256,138	1,106,982	12.6	78.9	8.5
	1914	119	74	65	2,901	380	2,249	272	13.1	77.5	9.4	7,652,223	908,079	6,021,365	722,779	11.9	78.7	9.4
Printing and publishing, newspapers and periodicals.	1919	423	167	111	3,058	600	2,245	213	19.6	73.4	7.0	20,088,590	2,379,728	16,244,239	1,464,623	11.8	80.9	7.3
	1914	476	127	102	2,942	743	1,986	213	25.3	67.5	7.2	11,927,678	1,976,605	9,363,473	587,600	16.6	78.5	4.9
Slaughtering and meat packing.	1919	3	7	3	5,231	41	5,142	48	0.8	98.3	0.9	146,361,046	2,021,067	142,516,720	1,823,259	1.4	97.4	1.2
	1914	5	8	6	2,565	29	2,458	78	1.1	95.8	3.0	47,535,803	461,621	45,637,593	1,436,589	1.0	96.0	3.0
Structural ironwork, not made in steel works or rolling mills.	1919	4	11	4	2,183	18	2,116	49	0.8	96.9	2.2	9,952,606	75,011	9,513,665	363,930	0.8	95.6	3.7
	1914	4	10	4	2,058	43	1,988	27	2.1	96.6	1.3	6,305,596	75,235	6,176,257	54,104	1.2	97.9	0.9
Total for cities [1]	1919	1,098	1,182	496	77,793	4,423	68,837	4,533	5.7	88.5	5.8	771,628,271	23,269,783	720,692,836	27,665,652	3.0	93.4	3.6
	1914	1,143	943	502	57,635	4,359	48,499	4,777	7.6	84.1	8.3	297,864,434	13,951,501	268,732,564	15,180,369	4.7	90.2	5.1
DULUTH	1919	67	128	31	10,472	357	9,878	237	3.4	94.3	2.3	75,261,387	1,566,596	71,124,005	2,570,786	2.1	94.5	3.4
	1914	102	101	40	5,538	419	4,794	325	7.6	86.6	5.9	19,729,283	1,301,926	17,012,231	1,415,126	6.6	86.2	7.2
FARIBAULT	1919	30	17	6	806	74	671	61	9.2	83.3	7.6	10,155,358	315,519	9,492,080	347,759	3.1	93.5	3.4
HIBBING	1919	8	3	5	50	29	8	13	58.0	16.0	26.0	320,427	140,147	101,843	78,437	43.7	31.8	24.5
	1914	15	2	10	65	46	.....	[2] 19	70.8	.....	29.2	254,400	183,478	.....	[2] 70,922	72.1	.....	27.9
MANKATO	1919	29	15	12	771	120	518	133	15.6	67.2	17.3	9,766,306	373,272	8,645,909	747,125	3.8	88.5	7.7
	1914	34	16	14	755	202	384	169	26.8	50.9	22.4	4,344,114	479,308	3,333,364	531,442	11.0	76.7	12.2
MINNEAPOLIS	1919	547	618	256	38,154	2,122	34,278	1,754	5.6	89.8	4.6	491,382,975	11,141,762	469,518,536	10,722,677	2.3	95.5	2.2
	1914	585	511	253	28,295	2,019	24,544	1,732	7.1	86.7	6.1	187,854,159	5,810,546	175,237,770	6,805,843	3.1	93.3	3.6
ROCHESTER	1919	21	8	12	359	61	272	26	17.0	75.8	7.2	2,250,242	373,160	1,702,724	174,358	16.6	75.7	7.7
ST. CLOUD	1919	30	27	15	1,998	160	1,734	104	8.0	86.8	5.2	7,733,764	536,277	6,770,482	427,005	6.9	87.5	5.5
	1914	37	20	20	1,429	157	919	353	11.0	64.3	24.7	2,695,492	689,459	1,511,583	494,450	25.6	56.1	18.3
ST. PAUL	1919	343	329	146	22,649	1,414	19,113	2,122	6.2	84.4	9.4	149,638,290	8,338,425	129,453,910	11,845,955	5.6	86.5	7.9
	1914	333	255	149	19,483	1,348	16,012	2,123	6.9	82.2	10.9	68,682,206	4,888,220	58,186,900	5,607,086	7.1	84.7	8.2
WINONA	1919	23	37	13	2,534	86	2,365	83	3.4	93.3	3.3	25,119,522	484,625	23,883,347	751,550	1.9	95.1	3.0
	1914	37	38	16	2,070	168	1,846	56	8.1	89.2	2.7	14,304,780	598,564	13,450,716	255,500	4.2	94.0	1.8

[1] Excludes Austin and Virginia to avoid disclosure of individual operations.

[2] Includes the group "Corporations."

TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.								THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.[1]	
			Total.		10,000 to 25,000.[2]		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	9	.....	6	.....	1	.....	2	.....	.....	.....
	1914	.....	8	.....	5	.....	1	.....	2	.....	.....	.....
	1909	.....	7	.....	4	.....	1	.....	2	.....	.....	.....
Population [3]	1920	2,387,125	801,582	33.6	87,385	3.7	98,917	4.1	615,280	25.8	1,585,543	66.4
	1915	2,213,919	734,276	33.2	64,713	2.9	89,331	4.0	580,232	26.2	1,479,643	66.8
	1910	2,075,708	644,364	31.0	49,746	2.4	78,466	3.8	516,152	24.9	1,431,344	68.9
Number of establishments	1919	6,225	2,776	44.6	311	5.0	226	3.6	2,239	36.0	3,449	55.4
	1914	5,974	2,622	43.9	293	4.9	243	4.1	2,086	34.9	3,352	56.1
	1909	5,561	2,284	41.1	269	4.8	194	3.5	1,821	32.7	3,277	58.9
Average number of wage earners	1919	115,623	77,793	67.3	6,518	5.6	10,472	9.1	60,803	52.6	37,830	32.7
	1914	92,834	58,256	62.8	4,940	5.3	5,538	6.0	47,778	51.5	34,578	37.2
	1909	84,767	56,537	66.7	4,153	4.9	6,083	7.2	46,301	54.6	28,230	33.3
Value of products	1919	$1,218,129,735	$771,628,271	63.3	$55,345,619	4.5	$75,261,387	6.2	$641,021,265	52.6	$446,501,464	36.7
	1914	493,354,136	299,741,311	60.8	23,475,663	4.8	19,729,283	4.0	256,536,365	52.0	193,612,825	39.2
	1909	409,419,621	261,481,912	63.9	19,907,144	4.9	17,180,063	4.2	224,394,705	54.8	147,937,709	36.1
Value added by manufacture	1919	335,039,958	239,348,773	71.4	14,100,070	4.2	32,231,933	9.6	193,016,770	57.6	95,691,185	28.6
	1914	156,504,922	105,343,602	67.3	7,614,121	4.9	8,211,614	5.2	89,517,867	57.2	51,161,320	32.7
	1909	127,797,334	89,296,852	69.9	6,858,783	5.4	8,336,133	6.5	74,101,936	58.0	38,500,482	30.1

[1] Includes Austin and Virginia in 1919, and Virginia in 1914 and 1909, to avoid disclosure of individual operations.
[2] Includes Stillwater in 1914 and 1909; population less than 10,000 in 1920.
[3] Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN CITIES OF 50,000 INHABITANTS OR MORE, WITH PER CENT OF TOTAL FOR STATE: 1919.

CITY AND INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase[1] over 1914.	
			Amount.	Per cent.
DULUTH.				
Foundry and machine-shop products	$4,071,297	12.8	$2,429,907	148.0
Coffee, roasting and grinding	2,309,660	19.0	(2)	.....
Lumber and timber products	2,282,944	6.1	−362,001	−13.7
Printing and publishing, newspapers and periodicals	1,462,402	7.3	777,535	113.5
Lumber, planing-mill products, not including planing mills connected with sawmills	1,362,405	11.5	−131,291	−8.8
Cars and general shop construction and repairs by steam-railroad companies	1,066,186	3.0	(2)	.....
Bread and other bakery products	1,022,106	4.5	544,310	113.9
Confectionery	682,804	6.8	336,170	97.0
Printing and publishing, book and job[3]	659,636	5.1	230,035	53.5
Copper, tin, and sheet-iron work	613,482	16.1	206,575	50.8
Boots and shoes				
Butter				
Cement				
Clothing, men's				
Coke, not including gas-house coke				
Flour-mill and gristmill products				
Iron and steel, blast furnaces	(2)	(2)	(2)	(2)
Iron and steel, steel works and rolling mills				
Linen goods				
Liquors, malt				
Matches				
Shipbuilding, steel				
Slaughtering and meat packing				
MINNEAPOLIS.				
Flour-mill and gristmill products	227,606,081	50.7	142,473,637	167.4
Oil, linseed	25,044,475	75.3	(2)	.....
Cars and general shop construction and repairs by steam-railroad companies	12,498,384	35.4	7,948,936	174.7
Bread and other bakery products	12,404,478	54.4	7,487,233	152.3
Foundry and machine-shop products[4]	12,038,002	35.9	8,257,742	218.4
Structural ironwork, not made in steel works or rolling mills	9,439,820	94.8	3,673,791	63.7
Food preparations, not elsewhere specified	9,262,637	63.0	5,459,157	143.5
Printing and publishing, newspapers and periodicals	7,477,616	37.2	2,749,388	58.1
Engines, steam, gas, and water	6,989,318	54.0	6,056,214	649.0
Coffee, roasting and grinding	6,660,765	54.7	4,623,131	226.9
Printing and publishing, book and job	5,816,417	44.8	3,114,916	115.3
Lumber, planing-mill products, not including planing mills connected with sawmills	5,420,155	45.9	959,500	21.5
Automobile repairing	5,388,366	58.0	4,842,343	886.8
Butter	4,336,452	4.9	2,812,617	184.6
Confectionery and ice cream	4,312,311	42.9	2,701,408	167.7
Electrical machinery, apparatus, and supplies	4,200,813	96.5	3,642,361	652.2
Furniture	4,196,167	61.7	2,543,602	153.9
Clothing, men's	3,259,085	46.1	1,863,036	133.5
Mattresses and spring beds, not elsewhere specified	2,846,993	73.5	1,734,428	155.9
Cooperage	2,642,125	82.5	1,251,815	90.0
Patent medicines and compounds	2,388,819	37.9	1,073,545	81.6
Copper, tin, and sheet-iron work	1,982,153	52.1	889,786	81.5
Belting, leather	1,808,535	100.0	(2)	.....
Paints	1,593,043	63.4	643,263	67.7
Saddlery and harness	1,287,034	30.9	684,827	113.7
Automobile bodies and parts	1,275,790	72.4	(2)	.....
Fur goods	1,155,959	14.3	590,148	104.3
Signs and advertising novelties	893,478	21.9	539,254	152.2
Clothing, women's	806,127	89.9	(2)	.....
Boxes, wooden packing, except cigar boxes	769,583	22.3	136,816	21.6
Chemicals	723,701	49.7	(2)	.....
Boots and shoes	694,014	5.5	(2)	.....
Tobacco, cigars[5]	651,869	20.3	207,302	46.6
Photo-engraving	627,313	64.7	243,587	63.5
Malt	618,112	21.1	−2,250,618	−78.5
Automobiles				
Bags, other than paper, not including bags made in textile mills				
Boxes, set-up paper boxes and cartons	(2)	(2)	(2)	(2)
Carriages and wagons, including repairs				
Cleansing and polishing preparations				
Coffins, burial cases, and undertakers' goods				
Dental goods				
MINNEAPOLIS—Continued.				
Drug grinding				
Gas, illuminating and heating				
Gloves and mittens, leather				
Knit goods				
Leather goods, not elsewhere specified				
Liquors, malt				
Lumber and timber products				
Oil, composite				
Oleomargarine and other butter substitutes				
Paper and wood pulp				
Petroleum, refining				
Pickles, preserves, and sauces	(2)	(2)	(2)	(2)
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments				
Rubber tires, tubes, and rubber goods, not elsewhere specified				
Steam fittings and steam and hot-water heating apparatus				
Window and door screens and weather strips				
Wooden goods, not elsewhere specified				
Woolen goods				
ST. PAUL.				
Foundry and machine-shop products	$12,079,703	37.9	$8,682,965	255.6
Butter	9,038,459	10.2	5,809,156	179.9
Cars and general shop construction and repairs by steam-railroad companies	8,068,846	22.8	4,252,890	111.5
Boots and shoes	7,776,683	61.5	4,731,870	155.4
Flour-mill and gristmill products	6,589,872	1.7	(2)	.....
Fur goods	6,581,868	81.6	3,073,038	87.6
Printing and publishing, newspapers and periodicals	6,579,475	32.8	3,046,243	86.2
Printing and publishing, book and job	5,824,289	44.8	1,627,099	38.8
Bread and other bakery products	5,599,146	24.5	4,038,268	258.7
Food preparations, not elsewhere specified	5,073,392	34.5	4,137,754	442.2
Confectionery and ice cream	3,481,190	34.6	(2)	.....
Leather goods, not elsewhere specified	3,070,485	75.8	(2)	.....
Lumber, planing-mill products, not including planing mills connected with sawmills	2,506,654	21.2	459,123	22.4
Clothing, men's	1,821,916	25.8	−542,026	−22.9
Boxes, wooden packing, except cigar boxes	1,420,361	41.4	1,185,833	486.9
Carriages and wagons, including repairs	1,378,738	46.4	662,020	92.4
Tobacco, cigars[5]	1,249,836	39.0	138,741	12.4
Automobile repairing	990,300	10.7	858,918	653.8
Patent medicines and compounds	948,593	15.1	379,742	66.8
Furniture	802,031	11.8	220,782	38.0
Copper, tin, and sheet-iron work	793,219	20.9	206,324	35.0
Brass, bronze, and copper products	626,966	61.6	(2)	.....
Boxes, set-up paper boxes and cartons				
Cars and general shop construction and repairs by electric-railroad companies				
Coffee, roasting and grinding				
Cordage and twine				
Gas, illuminating and heating				
Liquors, malt				
Mats and matting, from cocoa fiber, grass, and coir				
Mattresses and spring beds, not elsewhere specified				
Millinery and lace goods, not elsewhere specified	(2)	(2)	(2)	(2)
Oil, linseed				
Paints				
Paper and wood pulp				
Refrigerators				
Roofing materials				
Saddlery and harness				
Sand and emery paper and cloth				
Shirts				
Signs and advertising novelties				
Slaughtering and meat packing				
Soap				
Steam packing				
Tinware, not elsewhere specified				

[1] A minus sign (−) denotes decrease.
[2] Figures can not be shown without disclosing individual operations.
[3] Includes "bookbinding and blank-book making" in 1914.
[4] Includes "iron and steel, welding"; "machine tools"; and "steel barrels, drums, and tanks."
[5] Includes "tobacco, chewing and smoking, and snuff" in 1914.

TABLE 17.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	20,913	13,463	8,679	473,957	358,737	297,670	100.0	100.0	100.0
Owned	2,794	3,462	3,792	305,695	286,939	266,546	64.5	80.0	89.5
Steam [1]	1,827	2,190	2,544	198,186	206,144	199,802	41.8	57.5	67.1
Engines	1,750	(2)	(2)	173,815	(2)	(2)	36.7	.....	.....
Turbines	77	(2)	(2)	24,371	(2)	(2)	5.1	.....	.....
Internal-combustion engines	762	959	877	33,848	7,454	7,174	7.1	2.1	2.4
Water	205	313	371	73,661	73,341	59,570	15.5	20.4	20.0
Water wheels and turbines	190	292	308	73,446	73,088	56,631	15.5	20.4	19.0
Water motors	15	21	63	215	253	2,939	(3)	0.1	1.0
Rented	18,119	10,001	4,887	168,262	71,798	31,124	35.5	20.0	10.5
Electric	18,119	10,001	4,887	167,965	71,224	30,297	35.4	19.8	10.2
Other	.....	.....	.....	297	574	827	0.1	0.2	0.3
Electric	22,834	12,778	6,791	255,119	121,018	52,212	100.0	100.0	100.0
Rented	18,119	10,001	4,887	167,965	71,224	30,297	65.8	58.9	58.0
Generated by establishments reporting	4,715	2,777	1,904	87,154	49,794	21,915	34.2	41.1	42.0

[1] Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power. [2] Not reported separately. [3] Less than one-tenth of 1 per cent.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	41,074	2,483,593	440,452	292,661	35,045	1,438,853
1914	42,659	1,400,702	101,018	303,767	(1)	84,463
Per cent of increase [2]	−3.7	77.3	336.0	−7.9	(1)	1,603.5
Artificial stone products	55	6,731	37	344	433	6
Automobiles	6,504	1,715	43	7,109	10,103	.....
Automobile repairing	354	8,996	74	217	687	4,248
Bread and other bakery products	5,609	17,017	7,366	4,864	3,689	24,439
Brick and tile, terra-cotta, and fire-clay products	635	67,212	300	65	253	.....
Butter	3,557	47,652	880	402	638	.....
Cars and general shop construction and repairs by steam-railroad companies	809	233,644	6,466	12,600	18	.....
Cement	.....	63,554	744	.....	.....	.....
Chemicals	5,801	5,141	1,040	6,198	106	740
Coal-tar products	.....	10,979	.....	4,478	.....	.....
Coffee, roasting and grinding	231	1,918	40	.....	.....	10,820
Coke, not including gas-house coke	.....	849,288	.....	.....	.....	2,288
Condensed milk	.....	6,683	35	.....	.....	.....
Confectionery and ice cream	1,527	5,214	735	.....	528	15,293
Electrical machinery, apparatus, and supplies	6	1,395	36	.....	5	35,603
Engines, steam, gas, and water	102	6,690	1,639	1,572	2,284	1,475
Flour-mill and gristmill products	683	225,748	114	7,579	341	37
Food preparations, not elsewhere specified	624	7,971	.....	.....	73	7,347
Foundry and machine-shop products	418	36,134	24,226	16,780	820	13,681
Furniture	308	7,351	58	.....	38	41
Gas, illuminating and heating	.....	116,968	16,550	204,251	1,162	.....
Iron and steel, blast furnaces	.....	3,177	359,654	.....	.....	.....
Iron and steel, steel works and rolling mills	15	160,170	8,164	.....	.....	1,246,544
Knit goods	49	9,402	.....	.....	.....	.....
Lime	.....	5,084	.....	31	26	.....
Liquors, malt	159	35,866	261	2	169	35
Lumber, planing-mill products, not including planing mills connected with saw-mills	18	9,892	.....	19	8,051	14
Malt	1,922	15,141	.....	.....	.....	.....
Oil, linseed	3,500	22,414	.....	.....	.....	.....
Paper and wood pulp	.....	198,472	.....	.....	.....	.....
Pottery	.....	10,000	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals	1,718	7,318	127	77	1,338	29,757
Refrigerators	.....	6,878	.....	200	20	.....
Shipbuilding, steel	120	11,900	1,200	10,215	1,000	.....
Slaughtering and meat packing	221	103,863	12	.....	220	9,818
Steam packing	.....	17,138	81	.....	.....	.....
Structural ironwork, not made in steel works or rolling mills	27	13,424	4,714	2,256	296	153
Sugar, beet	.....	5,957	211	.....	.....	.....
Woolen goods	.....	5,946	.....	.....	.....	.....
All other industries	6,102	113,550	5,645	13,402	2,687	36,514
Total for cities [3]	33,869	1,497,181	426,645	262,134	29,733	1,422,294
DULUTH	9,047	776,945	372,393	13,219	1,766	1,255,691
FARIBAULT	6	15,275	1,249	.....	57	281
HIBBING	.....	1,797	.....	.....	6	.....
MANKATO	34	17,775	313	.....	75	144
MINNEAPOLIS	12,054	408,212	31,570	212,857	12,923	102,251
ROCHESTER	.....	8,058	262	667	38	513
ST. CLOUD	6,624	7,032	241	8,586	10,102	30
ST. PAUL	5,491	208,833	19,553	26,124	4,734	61,812
WINONA	613	53,254	1,064	681	32	1,572

[1] Included in figures for fuel oils. [2] A minus sign (−) denotes decrease. [3] Excludes Austin and Virginia to avoid disclosure of individual operations.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for five of these industries in Minnesota are here presented.

Flour-mill and gristmill products (Table 19).—This is the ranking industry in the state, with products for 1919 valued at $381,248,891, and the table gives the quantity and value of products for 1919, 1914, and 1909. Wheat flour was largely the chief product of the industry, constituting 81.8 per cent of the total value in 1919 and 79.6 per cent in 1914. The increase in values from 1914 to 1919 was much greater than in quantities. For wheat flour, while the value increased 164.2 per cent, the quantity increased only 5.1 per cent. For bran and middlings, the product of second importance, there was an increase of 56 per cent in value, but a decrease in quantity during the five-year period of 20.9 per cent.

TABLE 19.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$381,248,891	$148,243,708	$139,136,129
Wheat flour:			
Barrels	28,505,036	27,132,155	22,737,404
Value	$311,764,407	$117,988,654	$114,185,351
Rye flour:			
Barrels	1,097,252	579,648	229,651
Value	$8,756,512	$1,991,445	$936,066
Buckwheat flour:			
Pounds	1,362,611	1,953,928	990,387
Value	$76,910	$63,006	$33,047
Rice flour:			
Pounds	3,854,000	.....	.....
Value	$276,162	.....	.....
Corn meal and corn flour:			
Barrels	126,621	53,845	66,705
Value	$1,072,114	$185,008	$204,863
Bran and middlings:			
Tons	831,293	1,051,260	1,080,833
Value	$34,940,427	$22,390,532	$23,112,813
Feed and offal:			
Tons	494,101	219,263	
Value	$22,248,059	$5,517,795	
All other cereal products, value	$2,061,584	$61,982	$492,432
All other products, value	$52,716	$45,286	$171,557

Slaughtering and meat packing (Table 20).—This table presents for the census years 1919, 1914, and 1909 the total cost of materials, and the kind, number, and cost of animals slaughtered; the cost of all other materials, which includes that for dressed meat purchased for curing and for making lard compounds and oleo oil, cottonseed oil, refrigeration, curing materials, seasoning, fuel, rent of power, mill supplies, and freight; and the kind, quantity, and value of the principal products that can be shown without disclosing individual operations. The item "All other products" includes the value of cured beef, canned goods including canned sausage, meat puddings and scrapple, lard compounds, oleo and other oils, oleo stearin, oleomargarine, hog and cattle hair, glycerin, stock feed, etc.

TABLE 20.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$128,505,977	$41,591,495	$22,043,385
Animals slaughtered, cost	$122,096,820	$39,722,359	$18,664,082
Beeves—			
Number	299,462	166,903	125,852
Cost	$23,560,100	$9,578,618	$4,195,238
Calves—			
Number	288,623	79,589	55,991
Cost	$5,655,226	$938,138	$431,438
Sheep and lambs—			
Number	208,946	198,665	133,244
Cost	$1,979,333	$983,664	$592,993
Hogs—			
Number	2,197,152	1,559,491	1,063,655
Cost	$90,902,161	$28,221,939	$13,444,413
All other materials, cost	$6,409,157	$1,869,136	$3,379,303
PRODUCTS.			
Total value	$146,361,046	$47,535,803	$25,608,934
Fresh meat, value	$51,610,517	$21,791,653	$8,503,956
Beef—			
Pounds	109,239,489	76,992,124	59,276,609
Value	$15,831,153	$7,714,340	$3,187,527
Veal—			
Pounds	25,542,989	6,987,360	5,765,536
Value	$4,620,716	$875,264	$386,210
Mutton and lamb—			
Pounds	8,518,336	8,511,931	5,655,124
Value	$1,494,971	$858,878	$480,143
Pork—			
Pounds	120,359,452	110,312,690	45,709,115
Value	$27,826,610	$11,808,814	$4,336,448
Edible offal and other fresh meat—			
Pounds	18,473,433	6,539,309	727,938
Value	$1,837,067	$534,357	$113,628
Pork, pickled and other cured:			
Pounds	236,784,979	115,033,007	82,480,987
Value	$58,548,256	$16,430,999	$9,253,591
Sausage:			
Pounds	24,657,904	8,845,380	7,632,698
Value	$5,241,525	$1,114,112	$696,017
Lard:			
Pounds	49,609,701	40,311,585	21,429,517
Value	$13,649,819	$4,263,173	$2,581,501
Tallow and oleo stock:			
Pounds	5,529,988	[1] 2,014,302	2,797,504
Value	$776,082	[1] $123,806	$164,479
Grease and soap stock:			
Pounds	3,318,345	2,598,228	(2)
Value	$452,403	$145,323	(2)
Casings:			
Pounds	1,841,996	1,556,967	(2)
Value	$327,126	$162,739	(2)
Hoofs, horns, horntips, and strips:			
Pounds	5,862,005	905,345	(2)
Value	$209,245	$13,388	(2)
Fertilizers and fertilizer materials:			
Tons	6,901	[3] 7,610	[3] 12,075
Value	$383,708	[3] $223,358	[3] $314,660
Hides and pelts:			
Cattle—			
Number	299,462	166,903	
Pounds	15,360,565	9,453,992	
Value	$5,107,344	$1,624,345	160,948
Calf—			7,240,972
Number	241,503	51,221	$887,185
Pounds	3,112,963	573,867	
Value	$1,921,646	$118,622	
Sheep—			
Number	208,382	196,086	132,574
Value	$492,592	$202,227	$146,473
All other products, value	$7,580,783	$1,322,058	$3,061,072

[1] No oleo stock reported in 1914.
[2] Not reported separately.
[3] No fertilizers reported in 1914 and 1909.

The growth of the industry in this state in the census period 1914 to 1919, measured by cost of materials and value of products, is remarkable as compared with that of the previous period, 1909 to 1914. The increase in cost of materials from 1914 to 1919 was $86,914,482, or 209 per cent, and from 1909 to 1914, $19,548,110, or 88.7 per cent; and in value of products,

$98,825,243, or 207.9 per cent, in the first period, and $21,926,869, or 85.6 per cent, in the second period.

The normal increase, however, is better indicated by the number of animals slaughtered, which was 2,994,183 in 1919, 2,004,648 in 1914, and 1,378,742 in 1909, an increase from 1914 to 1919 of 989,535, or 49.4 per cent, and from 1909 to 1914, 625,906, or 45.4 per cent.

This state ranked eighth in value of products for the slaughtering and meat-packing industry in the United States, an advance from thirteenth place since 1914.

Butter, cheese, and condensed milk (Table 21).—Minnesota ranked third in 1919 in the production of butter, cheese, and condensed milk, being exceeded only by Wisconsin and New York in the order given. Minnesota was the leading state in the manufacture of butter, and ranked sixth in the production of cheese. There was an increase in the total value of products from 1914 to 1919 of 177.3 per cent. Of the total value of products, butter represented 86.9 per cent, cheese 2.9 per cent, and condensed and evaporated milk 2.1 per cent. A consideration of quantity production will give a unit of measure for comparative purposes. During the five-year period 1914–1919, the quantity of butter produced increased 35,187,933 pounds, or 31.7 per cent. Cheese for the same period increased 6,099,478 pounds, or 151.9 per cent.

The following table gives the quantity and value of the several products for 1919, 1914, and 1909 where the same can be shown without disclosing the operations of individual establishments:

TABLE 21.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

	1919	1914	1909
Total value	[1] $93,585,605	$33,746,396	$25,287,462
Butter:			
Pounds	146,295,141	111,107,208	88,842,846
Value	$81,365,245	$30,903,702	$24,581,058
Packed solid—			
Pounds	116,662,006	94,775,407	81,104,848
Value	$64,656,612	$26,170,426	$22,359,427
Prints or rolls—			
Pounds	29,633,135	16,331,955	7,737,998
Value	$16,708,633	$4,733,276	$2,221,631
Cream sold:			
Pounds	3,146,692	3,401,449	1,338,833
Value	$1,258,000	$293,897	$146,867
Cheese:			
Pounds	10,116,048	4,016,570	2,735,883
Value	$2,757,387	$496,215	$374,716
Full cream—			
Pounds	9,271,766	3,350,598	2,695,883
Value	$2,628,913	$472,850	$371,516
Other kinds—			
Pounds	844,282	665,972	40,000
Value	$128,474	$23,365	$3,200
Condensed and evaporated milk:			
Pounds	15,994,195	(2)	(2)
Value	$1,932,540	(2)	(2)
All other butter, cheese, and condensed-milk factory products, value	$4,623,788	$1,616,396	$55,253
All other products, value	$1,648,645	$436,186	$129,568

[1] In addition, in 1919 butter valued at $31,321 was manufactured in establishments engaged primarily in the manufacture of products other than those covered by the industry designation.
[2] Included in "All other butter, cheese, and condensed-milk factory products."

Printing and publishing (Tables 22 and 23).—Table 22 gives the number and aggregate circulation per issue of the newspapers and periodicals published in Minnesota as reported at the censuses of 1919, 1914, and 1909.

The aggregate circulation of all publications increased 172,460, or 4 per cent, during the five-year period 1914–1919. Of the daily circulation in 1919, 509,257, or 73.6 per cent, was reported for newspapers published in the afternoon, which is an increase of 87,630, or 20.8 per cent, over the afternoon circulation reported for 1914.

Sunday newspaper circulation increased 74,611, or 20.2 per cent, during the five years, and 207,318, or 87.4 per cent, during the decade.

There was a slight decrease in the circulation of weeklies from 1914 to 1919, but the increase for the decade is 416,127, or 32.8 per cent. The circulation of monthly and semimonthly publications increased 188,193, or 14.3 per cent, from 1914 to 1919.

TABLE 22.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	767	766	758	4,506,073	4,333,613	3,176,700
Daily	50	51	42	692,276	655,070	476,252
Sunday	9	7	7	444,523	369,912	237,205
Semiweekly [1]	13	7	8	134,647	117,374	37,062
Weekly	616	620	614	1,685,983	1,700,818	1,269,856
Monthly [2]	70	75	83	1,503,632	1,315,439	1,132,300
Quarterly [3]	9	6	4	45,012	85,000	24,025

[1] Includes, in 1919, 1 triweekly.
[2] Includes, in 1919, 7, and in 1914, 10 semimonthlies; and in 1909, 12 semimonthlies and 1 "All other."
[3] Includes, in 1919, 4 bimonthlies; in 1914, 2 bimonthlies and 1 "semiannual;" and in 1909, 2 "all other."

Table 23 gives the number and aggregate circulation per issue of the foreign-language publications, by principal periods of issue, as reported at the censuses of 1919, 1914, and 1909, compared with like issues of English periodicals.

During the five-year period, 1914–1919, the foreign-language publications decreased in number 12, and in circulation 122,284, or 21.2 per cent.

Three of the foreign-language dailies were published in the morning and were printed in Finnish; 2 were afternoon papers with a circulation of 25,200, 1 was in German and 1 in Norwegian and Danish. Of the 2 Sunday papers, 1 was in German and 1 in Norwegian and Danish.

Of the 35 weeklies and 1 triweekly reported for 1919, 9 with a circulation of 105,767 were printed in German; 7 with a circulation of 53,500, in Swedish; 7 with a circulation of 64,129, in Norwegian; and 5 with a circulation of 22,800, in Norwegian and Danish. There were 2 each in Finnish and Polish, and 1 each in Danish, French, and English and Norwegian. The triweekly was in Norwegian.

Three of the 4 foreign-language semimonthly publications were in Swedish, and 1 in German. Of the 13 monthly publications, 6 with a circulation of 10,500 were in Swedish; 3 with a circulation of 30,418 were in Norwegian; 2 were in English and Norwegian, 1 was in Norwegian and Danish, and 1 was in Norwegian and Swedish. The 2 bimonthlies and 1 quarterly were in the Swedish language.

TABLE 23.—PRINTING AND PUBLISHING—CIRCULATION, ENGLISH AND FOREIGN: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	Census year.	TOTAL.		ENGLISH.		FOREIGN LANGUAGES.	
		Number.	Aggregate circulation per issue.	Number.	Aggregate circulation per issue.	Number.	Aggregate circulation per issue.
Total	1919	767	4,506,073	704	4,050,962	63	455,111
	1914	766	4,333,613	691	3,756,218	75	577,395
	1909	758	3,176,700	685	2,635,711	73	540,989
Daily and Sunday	1919	59	1,136,799	52	1,054,077	7	82,722
	1914	58	1,024,982	51	953,519	7	71,463
	1909	49	713,457	46	688,752	3	24,705
Weekly [1]	1919	629	1,820,630	592	1,546,861	36	273,769
	1914	627	1,908,192	581	1,552,262	46	355,930
	1909	622	1,306,918	578	945,129	44	361,789
Monthly [2]	1919	70	1,503,632	53	1,424,812	17	78,820
	1914	75	1,315,439	53	1,165,437	22	150,002
	1909	83	1,132,300	57	977,805	26	154,495
Quarterly [3]	1919	9	45,012	7	25,212	3	19,800
	1914	6	85,000	6	85,000	.....	.....
	1909	4	24,025	4	24,025	.....	.....

[1] Includes, in 1919, 12 semiweeklies (English) and 1 triweekly (Norwegian); in 1914, 6 semiweeklies (English) and 1 semiweekly (Slovenian); in 1909, 7 semiweeklies (English) and 1 semiweekly (Finnish).
[2] Includes, in 1919, 3 semimonthly publications in English, 3 in Swedish, and 1 in German; in 1914, 4 semimonthly publications in English, 2 in Danish-Norwegian, 2 in Swedish, 1 in English-Norwegian and 1 in German; in 1909, 6 semimonthly publications in English, 5 in Swedish, 1 English-Norwegian semimonthly, and 1 "all other" in German.
[3] Includes, in 1919, 2 bimonthly publications in English and 2 in Swedish; in 1914, 2 bimonthly and 1 semiannual publications in English; in 1909, 2 "all other" publications in English.

Lumber and timber products (Table 24).—This table presents statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. The production of lumber in Minnesota has been decreasing rapidly during the past 20 years. In 1899, this state ranked third among the states as a lumber producer, the cut for that year being reported as 2,342,338,000 feet. In 1917, the reported cut dropped below one billion feet for the first time in more than two decades. The cut for 1919 compared with that for 1914 decreased 46.7 per cent, and with that for 1909, 55.2 per cent.

TABLE 24.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY.[1]		
	1919	1914	1909
Lumber.....M feet b. m..	699,639	1,312,230	1,561,508
Lath.....thousands..	115,741	(2)	478,008
Shingles.....thousands..	4,451	(2)	74,818

[1] The output of custom mills is included in 1919 and 1909, but not in 1914.
[2] Not reported.

In 1919 Minnesota led in the production of white pine lumber, producing 32.5 per cent of the total cut from this wood in the United States.

The lumber cut from the principal species in 1919 was reported as follows: White pine 560,544,000 feet, or 80.1 per cent of the total cut from all species in the state; larch 35,765,000 feet, or 5.1 per cent; cottonwood 30,135,000 feet, or 4.3 per cent; and spruce 29,298,000 feet, or 4.2 per cent. Other important woods sawed into lumber in considerable quantities were balsam fir, birch, oak, elm, and basswood.

Power laundries (Table 25).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. This table, however, summarizes the statistics for such laundries in Minnesota for 1919 and 1914.

TABLE 25.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	156	188	−17.0
Persons engaged	3,818	4,024	−5.1
Proprietors and firm members	156	203	−23.2
Salaried employees	385	327	17.7
Wage earners (average number)	3,277	3,494	−6.2
Primary horsepower	4,766	4,264	11.8
Capital	$3,967,932	$2,708,038	46.5
Salaries and wages	2,950,231	1,972,943	49.5
Salaries	534,725	332,555	60.8
Wages	2,415,506	1,640,388	47.3
Paid for contract work	8,884	17,361	−48.8
Rent and taxes	215,946	147,110	46.8
Cost of materials	1,437,708	855,443	68.1
Amount received for work done	6,087,088	4,100,404	48.4

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

Dyeing and cleaning (Table 26).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. These statistics are not included in the general tables nor in the totals for manufacturing industries. This presentation is the first that has been made since the census statistics were confined to manufacturing industries as distinguished from hand trades.

TABLE 26.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	46
Persons engaged	629
Proprietors and firm members	48
Salaried employees	99
Wage earners (average number)	482
Primary horsepower	593
Capital	$739,244
Salaries and wages	614,828
Salaries	126,330
Wages	488,498
Paid for contract work	20,371
Rent and taxes	53,266
Cost of materials	271,765
Amount received for work done	1,368,915

Custom gristmills and custom sawmills (Tables 27 and 28)—Summaries of the more important data for custom gristmills and custom sawmills are presented in these tables. These statistics are not included in the general tables nor in the totals for manufacturing industries.

TABLE 27.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	184	278	−33.8
Persons engaged	249	577	−56.8
Proprietors and firm members	181	459	−60.6
Salaried employees	6	9	.....
Wage earners (average number)	62	109	−43.1
Primary horsepower	4,770	6,516	−26.8
Capital	$777,129	$792,685	−2.0
Salaries and wages	68,869	46,705	47.5
Salaries	2,420	4,990	−51.5
Wages	66,449	41,715	59.3
Rent and taxes	10,692	6,975	53.3
Cost of materials [2]	4,330,262	3,190,150	35.7
Value of products [2]	4,956,596	3,660,055	35.4

[1] A minus sign (−) denotes decrease; percentage omitted where base is less than 100.
[2] Includes estimate of all grain ground.

TABLE 28.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	189	137	38.0
Persons engaged	385	367	4.9
Proprietors and firm members	262	244	7.4
Salaried employees	1	.....	.....
Wage earners (average number)	122	123	−0.8
Primary horsepower	5,054	3,066	64.8
Capital	$250,253	$203,105	23.2
Salaries and wages	92,970	45,250	105.5
Salaries	312	.....	.....
Wages	92,658	45,250	104.8
Rent and taxes	2,514	1,303	92.9
Cost of materials	13,230	2,001	561.2
Amount received for work done	214,223	132,283	61.9

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

GENERAL TABLES.

Table 29 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products, for selected industries in the state and in Duluth, Minneapolis, and St. Paul, and for the cities having from 10,000 to 50,000 inhabitants, for which comparable statistics are available, similar data for all industries combined.

Table 30 presents, for 1919, for the state as a whole and for Duluth, Minneapolis, and St. Paul, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and the statistics for all industries combined for cities having from 10,000 to 50,000 inhabitants, except Austin and Virginia, figures for which could not be shown without disclosing individual operations.

TABLE 29.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	6,225	115,623	473,957	127,107	883,090	1,218,130
	1914	5,974	92,834	358,737	58,507	336,849	493,354
	1909	5,561	84,767	297,670	47,471	281,622	409,420
Agricultural implements	1919	16	501	723	498	1,355	2,341
	1914	17	872	2,439	707	1,474	3,813
	1909	17	1,014	1,468	632	1,090	3,014
Artificial stone products	1919	171	766	3,111	802	1,284	3,047
	1914	191	738	1,129	474	675	1,618
	1909	123	653	596	380	379	1,090
Automobile bodies and parts	1919	48	405	611	457	877	1,763
	1914	13	141	78	105	103	329
	1909	6	56	34	41	75	148
Awnings, tents, and sails	1919	16	89	62	82	341	580
	1914	17	110	53	63	251	444
	1909	16	110	37	54	226	395
Boots and shoes	1919	16	2,153	1,738	1,917	7,743	12,645
	1914	14	2,012	1,159	1,121	3,980	5,918
	1909	18	2,664	1,411	1,290	4,935	7,568
Boxes, set-up paper boxes and cartons.	1919	16	711	523	483	963	2,086
	1914	13	650	625	325	550	1,322
	1909	11	595	453	236	481	1,023
Brass, bronze, and copper products.	1919	10	213	393	241	550	1,018
	1914	9	99	154	68	242	359
	1909	7	33	37	22	91	139
Bread and other bakery products.	1919	426	2,975	3,234	2,593	14,006	22,815
	1914	443	2,169	2,289	1,308	4,794	8,724
	1909	403	1,696	955	972	3,804	6,785
Brick and tile, terra-cotta, and fire-clay products.	1919	34	799	5,224	834	809	2,293
	1914	61	1,215	7,664	764	749	2,152
	1909	82	1,038	5,867	538	378	1,442
Brooms	1919	28	103	106	119	317	563
	1914	19	99	59	61	137	266
	1909	19	91	43	60	139	270
Butter and cheese	1919	898	2,051	15,149	2,328	84,437	91,720
	1914	807	1,458	12,865	1,167	30,769	33,746
	1909	784	1,184	11,874	829	22,707	25,287
Canning and preserving [1]	1919	38	683	1,635	431	2,329	3,500
	1914	35	436	1,055	140	806	1,284
	1909	32	415	692	135	895	1,343
Carriages and wagons, including repairs.	1919	67	565	1,501	648	1,500	2,970
	1914	123	838	1,979	556	1,010	2,163
	[2] 1909	134	868	1,657	529	983	2,175
Cars and general shop construction and repairs by electric-railroad companies.	1919	8	436	1,285	549	440	1,065
	1914	8	435	1,266	434	367	863
Cars and general shop construction and repairs by steam-railroad companies.	1919	75	15,976	15,157	21,070	12,693	35,351
	1914	38	10,551	15,678	7,544	6,327	14,594
	1909	28	8,232	10,680	5,586	6,494	12,631
Cleansing and polishing preparations.	1919	6	20	37	22	524	728
	1914	6	14	8	6	33	54
Clothing, men's, including shirts.	1919	43	1,814	743	1,285	5,465	8,246
	1914	45	2,468	590	990	3,640	5,616
	1909	41	2,156	421	722	2,814	4,459
Clothing, women's	1919	23	220	71	141	470	896
	1914	8	94	23	45	93	209
	1909	11	203	26	110	110	305
Coffee, roasting and grinding	1919	13	532	962	234	10,265	12,186
	1914	11	313	924	155	3,819	4,729
	1909	12	342	550	123	2,353	2,997
Confectionery and ice cream	1919	117	1,959	2,340	1,222	5,688	10,056
	1914	102	978	1,363	441	2,244	3,877
Cooperage and wooden goods, not elsewhere specified.	1919	17	833	2,153	820	2,366	4,128
	1914	28	787	2,377	499	1,277	2,227
	1909	32	850	1,755	444	1,423	2,187
Copper, tin, and sheet-iron products. [3]	1919	135	1,213	837	1,230	3,222	5,985
	1914	143	1,087	611	720	1,665	3,398
	1909	114	1,081	507	649	1,347	2,765
Dairymen's, poultrymen's, and apiarists' supplies.	1919	6	86	128	100	317	765
	1914	7	61	228	36	91	219
	1909	3	46	80	22	48	117
Dental goods	1919	8	152	36	150	699	946
	1914	6	18	21	10	262	294
	1909	4	6	8	2	21	34
Electrical machinery, apparatus, and supplies.	1919	20	942	881	753	2,033	4,354
	1914	17	236	393	161	348	749
	1909	13	187	205	101	220	526
Envelopes	1919	6	398	131	177	291	674
	1914	3	102	43	47	81	187
Flour-mill and gristmill products.	1919	248	6,049	114,764	7,781	337,873	381,249
	1914	286	4,564	100,638	3,407	127,315	148,244
	1909	322	4,345	93,849	2,782	124,217	139,136
Food preparations, not elsewhere specified.	1919	41	624	3,090	576	10,418	14,707
	1914	27	426	1,369	249	3,049	4,979
	1909	30	405	1,272	205	2,824	4,207
Foundry and machine-shop products. [4]	1919	870	12,390	26,834	15,428	27,000	67,938
	1914	409	7,051	15,692	5,193	9,934	21,405
	1909	247	6,002	9,966	3,904	7,185	15,609
Fur goods	1919	45	905	515	1,087	5,204	8,063
	1914	36	838	372	549	2,677	4,207
	1909	42	1,056	288	560	2,213	3,776
Furniture	1919	59	1,587	2,814	1,636	3,062	6,805
	1914	58	1,473	2,915	921	1,348	3,240
	1909	52	1,454	2,043	779	1,567	3,118
Gas, illuminating and heating.	1919	23	707	5,908	869	2,408	5,518
	1914	47	1,038	4,670	646	1,681	4,159
	1909	42	848	3,538	292	820	2,874
Glass, cutting, staining, and ornamenting.	1919	17	119	92	108	551	832
	1914	15	153	71	89	95	283
	1909	10	131	24	84	82	237
Hats and caps, other than felt, straw, and wool.	1919	11	83	18	89	289	463
	1914	9	127	31	53	160	241
	1909	7	58	8	30	51	113
Jewelry	1919	22	150	53	179	268	664
	1914	25	154	51	115	103	308
	1909	17	119	46	82	87	255
Knit goods	1919	16	3,564	1,480	2,208	7,487	13,985
	1914	13	2,088	2,149	892	2,526	4,665
	1909	10	1,052	853	348	1,086	2,243
Leather goods [5]	1919	76	1,198	598	1,209	5,645	8,092
	1914	95	750	460	489	1,688	2,806
	1909	42	870	418	448	1,086	2,821
Lime	1919	5	167	260	160	120	427
	1914	5	223	328	127	139	342
	1909	8	203	319	101	143	311
Liquors, malt	1919	28	1,036	7,125	1,843	2,047	7,713
	1914	65	2,052	9,201	1,750	3,303	14,266
	1909	65	1,653	6,912	954	2,343	10,568
Lumber and timber products [6]	1919	366	15,485	47,971	12,973	25,889	52,580
	1914	453	20,947	60,066	10,855	22,827	44,675
	1909	525	20,704	67,839	10,918	20,865	42,353
Malt	1919	7	96	2,710	122	2,289	2,926
	1914	9	168	4,428	167	4,463	5,637
	1909	9	138	3,567	110	3,531	4,315
Marble and stone work	1919	109	1,021	6,341	1,282	1,902	4,721
	1914	127	1,579	7,050	1,159	1,211	3,121
	1909	112	1,738	5,422	1,029	1,045	2,965
Mattresses and spring beds, not elsewhere specified.	1919	9	459	1,654	474	2,402	3,872
	1914	13	440	1,262	268	906	1,595
	1909	15	453	1,192	248	810	1,508

[1] Includes "pickles, preserves, and sauces."
[2] Includes "carriage and wagon materials."
[3] Includes "tinware, not elsewhere specified," in all years; and "stamped and enameled ware, not elsewhere specified," in 1914 and 1909.
[4] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "iron and steel, welding"; "machine tools"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks"; and "structural ironwork, not made in steel works or rolling mills," in all years; and "plumbers' supplies, not elsewhere specified," in 1914 and 1909.
[5] Includes "saddlery and harness" and "trunks and valises."
[6] Includes "boxes, wooden packing, except cigar boxes" and "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; and "pulp wood" and "window and door screens and weather strips" in 1914 and 190

TABLE 29.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
Millinery and lace goods, not elsewhere specified.	1919	23	541	187	483	1,047	2,068
	1914	9	308	116	34	648	945
	1909	8	498	12	152	598	931
Mineral and soda waters	1919	114	213	357	198	793	1,544
	1914	128	309	472	201	527	1,266
	1909	114	246	282	140	318	868
Oil, linseed	1919	6	483	4,102	647	28,796	33,238
	1914	6	400	4,467	326	11,279	12,357
	1909	6	374	3,821	250	9,685	11,037
Optical goods	1919	11	83	47	84	302	616
	1914	8	54	19	38	75	219
	1909	6	25	8	15	21	82
Paint and varnish	1919	17	144	652	133	1,882	2,898
	1914	15	144	1,065	98	1,061	1,684
	1909	14	164	420	101	889	1,489
Paper and wood pulp	1919	9	2,523	56,106	2,994	11,409	20,138
	1914	8	1,345	53,259	983	3,245	5,573
	1909	9	607	23,440	361	1,438	2,385
Patent medicines and compounds and druggists' preparations.[1]	1919	75	646	2,345	414	3,159	7,270
	1914	99	613	945	285	2,341	4,879
	1909	101	475	741	188	1,690	4,412
Paving materials	1919	13	160	3,079	202	139	537
	1914	7	184	920	153	267	551
Photo-engraving	1919	11	209	82	361	233	969
	1914	11	234	84	227	91	606
	1909	9	168	45	157	39	350
Printing and publishing[2]	1919	1,003	6,319	7,680	6,778	10,353	33,480
	1914	994	6,134	7,101	4,259	5,560	20,187
	1909	950	5,641	5,765	3,507	4,096	15,982
Shipbuilding, wooden, including boat building.	1919	21	91	196	105	107	342
	1914	30	125	352	89	157	317
	1909	33	209	419	139	158	377
Signs and advertising novelties.	1919	31	989	504	956	1,243	4,083
	1914	28	238	84	158	287	593
	1909	22	116	25	86	96	313
Slaughtering and meat packing.[3]	1919	24	5,264	11,378	6,493	128,906	146,919
	1914	29	2,587	5,260	1,817	41,736	47,710
	1909	30	1,921	4,579	1,129	22,156	25,754
Soap	1919	7	46	203	41	622	822
	1914	6	46	185	24	463	614
	1909	6	63	148	28	332	495
Steam packing	1919	5	208	1,643	244	828	1,528
	1914	5	174	1,250	114	354	753
Stoves and hot-air furnaces	1919	12	236	338	232	406	1,055
	1914	9	169	212	115	113	316
	1909	10	185	113	121	245	600
Tobacco, cigars and cigarettes.	1919	216	891	62	742	1,472	3,205
	1914	316	1,261	31	690	1,121	2,856
	1909	332	1,611	36	831	1,248	3,350
Woolen goods	1919	11	574	1,491	474	1,780	2,864
	1914	16	448	1,266	229	850	1,298
	1909	16	277	642	123	429	699
All other industries	1919	403	13,678	102,507	18,208	93,775	140,678
	1914	374	6,009	15,773	3,782	17,472	27,303
	1909	430	7,438	20,262	3,792	16,616	27,187

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
DULUTH All industries.	1919	226	10,472	89,883	15,465	43,029	75,261
	1914	243	5,538	14,914	3,365	11,518	19,729
	1909	194	6,083	17,561	3,593	8,844	17,180
Bread and other bakery products.	1919	15	134	99	147	619	1,022
	1914	18	111	93	64	260	478
	1909	13	59	21	34	189	312
Confectionery	1919	12	148	76	113	327	683
	1914	10	81	51	34	187	347
	1909	8	65	22	29	108	219
Copper, tin, and sheet-iron work.	1919	10	150	247	192	386	613
	1914	11	134	84	98	164	407
	1909	6	54	5	42	58	144
Foundry and machine-shop products.	1919	10	616	2,348	890	1,661	4,071
	1914	15	491	1,767	352	794	1,641
Lumber and timber products[4]	1919	10	750	4,210	801	1,747	3,645
	1914	19	2,092	4,887	965	2,523	4,139
	1909	14	3,074	7,350	1,692	2,636	5,562
Printing and publishing[5]	1919	34	357	599	434	603	2,122
	1914	38	350	454	313	303	1,114
	1909	35	377	439	281	256	983
Tobacco manufactures	1919	10	53	2	49	106	226
	1914	20	45	.....	26	43	124
	1909	15	84	.....	51	68	180
All other industries	1919	125	8,264	82,302	12,839	37,580	62,879
	1914	112	2,234	7,578	1,513	7,244	11,479
	1909	103	2,370	9,724	1,464	5,529	9,780
MINNEAPOLIS All industries.	1919	1,421	38,154	113,212	41,275	362,834	491,383
	1914	1,349	28,295	109,040	18,895	131,199	187,854
	1909	1,102	26,962	89,247	15,638	119,993	165,405
Agricultural implements	1919	5	202	156	154	227	574
	1914	4	67	178	40	45	177
	1909	7	392	523	277	486	1,099
Artificial limbs	1919	9	94	84	123	106	464
	1914	5	65	50	42	31	163
	1909	6	38	30	31	21	162
MINNEAPOLIS—Con. Artificial stone products	1919	28	120	333	168	224	590
	1914	51	192	219	144	194	447
	1909	28	176	141	103	83	261
Boxes, wooden packing, except cigar boxes.	1919	9	175	592	174	454	770
	1914	9	244	945	141	456	633
	1909	5	241	526	114	328	599
Bread and other bakery products.	1919	115	1,598	1,759	1,372	7,188	12,404
	1914	129	1,255	1,464	671	2,621	4,017
	1909	100	897	560	481	2,036	3,605
Butter	1919	14	161	1,053	162	3,826	4,336
	1914	8	62	382	35	1,330	1,524
	1909	7	27	324	17	612	675
Cars and general shop construction and repairs by steam-railroad companies.	1919	6	5,120	3,570	6,606	5,238	12,498
	1914	5	3,140	2,798	2,148	2,142	4,549
	1909	3	2,576	1,674	1,863	2,338	4,309
Clothing, men's, including shirts.	1919	22	744	176	528	2,369	3,519
	1914	21	795	160	341	1,125	1,732
	1909	17	806	127	257	985	1,611
Coffee, roasting and grinding	1919	7	112	499	108	5,588	6,661
	1914	5	78	256	40	1,628	2,038
	1909	4	63	170	29	931	1,247
Confectionery and ice cream	1919	38	678	1,287	540	2,427	4,312
	1914	38	411	605	199	954	1,611
Cooperage	1919	8	461	650	464	1,693	2,642
	1914	11	429	1,028	285	779	1,390
Copper, tin, and sheet-iron work.	1919	58	361	178	393	1,075	1,982
	1914	67	365	180	262	533	1,092
	1909	47	365	162	248	401	939
Electrical machinery, apparatus, and supplies.	1919	17	898	862	707	1,961	4,201
	1914	10	168	302	109	255	558
	1909	8	118	144	64	166	391
Flour-mill and gristmill products.	1919	18	3,641	47,710	4,979	201,367	227,606
	1914	19	2,580	61,884	2,026	73,079	85,132
	1909	13	2,279	50,598	1,530	70,953	78,670

[1] Includes "perfumery and cosmetics."
[2] Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing," in all years; and "lithographing" in 1914 and 1909.
[3] Includes "sausage, not made in slaughtering and meat-packing establishments."
[4] Includes "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; and "boxes, wooden packing, except cigar boxes," in 1914 and 1909.
[5] Includes "bookbinding and blank-book making" in 1914 and 1909.

TABLE 29.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
MINNEAPOLIS—Con.							
Food preparations, not elsewhere specified.	1919	22	419	2,108	396	6,462	9,263
	1914	15	305	956	188	2,285	3,803
	1909	16	222	601	125	1,525	2,516
Foundry and machine-shop products.[1]	1919	220	5,727	14,387	7,251	14,534	34,766
	1914	150	3,558	5,125	2,749	5,662	12,017
	1909	95	2,596	3,405	1,754	3,389	7,241
Fur goods	1919	21	192	47	228	542	1,156
	1914	19	127	30	85	285	566
	1909	17	128	30	73	283	511
Furniture	1919	29	945	1,443	1,012	2,000	4,196
	1914	27	703	1,197	465	731	1,653
	1909	23	809	1,073	447	818	1,651
Hats and caps, other than felt, straw, and wool.	1919	6	54	8	53	148	255
	1914	5	21	11	12	38	54
	1909	4	30	3	15	23	55
Jewelry	1919	13	107	36	123	219	513
	1914	10	92	33	66	52	168
	1909	8	76	31	48	55	156
Leather goods[2]	1919	24	185	136	218	1,041	1,596
	1914	29	208	78	148	501	788
	1909	14	260	98	147	503	923
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	24	1,070	3,630	1,268	2,908	5,420
	1914	25	1,499	4,101	1,051	2,250	4,461
	1909	24	1,861	4,373	1,094	2,631	4,719
Marble and stone work	1919	13	92	988	120	170	479
	1914	10	353	965	257	399	796
	1909	10	279	352	209	273	555
Mattresses and spring beds, not elsewhere specified.	1919	5	321	1,360	327	1,841	2,847
	1914	6	292	1,105	195	609	1,113
Models and patterns, not including paper patterns.	1919	9	44	47	66	20	140
	1914	7	30	37	21	10	48
	1909	5	28	30	19	8	42
Paints	1919	6	70	223	78	1,018	1,593
	1914	6	76	742	58	636	950
Patent medicines and compounds.	1919	22	185	111	132	1,012	2,389
	1914	41	239	222	110	340	1,315
	1909	44	109	258	74	394	1,362
Photo-engraving	1919	7	231	54	233	203	627
	1914	6	139	53	137	56	384
	1909	5	104	22	93	25	204
Printing and publishing[3]	1919	224	2,214	2,797	2,509	4,836	13,650
	1914	230	2,027	2,447	1,475	2,124	7,896
	1909	216	1,755	2,180	1,162	1,693	6,478
Signs and advertising novelties.	1919	20	304	78	247	293	893
	1914	17	163	42	107	164	354
Tobacco, cigars[4]	1919	32	193	33	164	261	652
	1914	44	174	4	113	179	445
	1909	45	314	16	168	254	666
All other industries	1919	361	11,436	26,808	10,282	91,583	128,389
	1914	320	8,438	21,432	5,175	29,697	45,080
	1909	331	10,413	21,796	5,196	28,779	44,758
ST. PAUL All industries.	1919	818	22,649	40,845	24,449	85,170	149,638
	1914	737	19,483	38,886	12,796	35,819	68,682
	1909	719	19,339	26,204	10,952	30,300	58,990
Boots and shoes	1919	6	1,191	1,308	1,164	4,877	7,777
	1914	4	1,055	673	657	2,036	3,045
	1909	5	1,617	697	830	2,676	4,265
Bread and other bakery products.	1919	68	745	815	596	3,713	5,599
	1914	64	372	503	294	951	1,561
	1909	69	367	240	253	743	1,368
Butter	1919	11	129	928	146	7,956	9,038
	1914	7	112	516	97	3,012	3,229
	1909	6	50	535	39	1,918	2,120
Carriages and wagons, including repairs.	1919	8	289	605	313	700	1,379
	1914	14	308	733	199	369	717
Cars and general shop construction and repairs by steam-railroad companies.	1919	12	4,016	2,471	5,248	2,516	8,069
	1914	7	3,068	4,176	2,155	1,513	3,816
	1909	7	2,406	3,521	1,577	1,846	3,640
Copper, tin, and sheet-iron work.	1919	21	168	121	199	381	793
	1914	23	220	119	144	277	587
Food preparations, not elsewhere specified.	1919	10	173	498	147	3,754	5,073
	1914	5	86	133	45	588	936
	1909	9	158	109	66	917	1,208
Foundry and machine-shop products.[5]	1919	109	2,641	3,845	3,303	4,626	13,890
	1914	61	1,766	6,406	1,256	2,082	4,474
	1909	45	2,118	3,474	1,284	2,352	5,033
Fur goods	1919	12	629	441	797	4,489	6,582
	1914	10	675	306	447	2,325	3,509
	1909	14	867	242	469	1,840	3,110
Leather goods[2]	1919	18	627	243	645	3,279	5,067
	1914	22	229	200	149	467	849
	1909	9	272	214	141	502	797
Lumber and timber products[6]	1919	19	658	3,285	635	2,270	3,936
	1914	19	747	2,447	438	1,324	2,291
	1909	17	654	2,804	352	1,034	1,679
Marble and stone work	1919	13	110	930	144	228	551
	1914	13	190	797	173	296	561
	1909	10	216	519	178	287	619
Paint and varnish	1919	6	61	202	46	803	1,203
	1914	6	58	322	30	417	706
	1909	6	48	243	24	371	607
Patent medicines and compounds and druggists' preparations.[7]	1919	22	191	243	126	414	1,373
	1914	28	88	235	46	215	633
	1909	25	99	158	45	212	728
Printing and publishing, book and job.	1919	82	1,364	1,389	1,334	1,591	5,824
	1914	76	1,515	1,250	1,072	1,022	4,197
	1909	66	865	687	537	637	1,996
Printing and publishing, newspapers and periodicals.	1919	48	872	677	1,083	1,818	6,579
	1914	44	735	997	512	1,311	3,533
	1909	39	1,084	1,063	759	846	3,702
Tobacco, cigars[4]	1919	34	358	18	289	606	1,250
	1914	53	520	15	269	432	1,111
	1909	64	590	11	312	468	1,336
All other industries	1919	319	8,427	22,826	8,234	41,149	65,655
	1914	281	7,739	19,058	4,813	17,182	32,927
	1909	328	7,928	11,687	4,086	13,651	26,782

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

HIBBING	1919	16	50	63	68	168	320
	1914	27	65	28	54	112	254
MANKATO	1919	56	771	3,201	728	7,952	9,766
	1914	64	755	2,618	434	3,217	4,344
	1909	63	807	3,654	346	2,728	3,723
ST. CLOUD	1919	72	1,998	6,883	2,328	4,467	7,734
	1914	77	1,429	3,724	864	1,288	2,695
	1909	69	626	3,362	355	1,342	2,299
WINONA	1919	73	2,534	10,458	2,161	19,273	25,120
	1914	91	2,070	6,438	1,152	10,038	14,305
	1909	99	2,032	8,628	1,024	7,330	11,200

[1] Includes "automobile repairing"; "engines, steam, gas, and water"; "iron and steel, welding"; "machine tools"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks"; and "structural ironwork, not made in steel works or rolling mills," in all years; "hardware" in 1919 and 1909; and "gas machines and gas and water meters"; "hardware, saddlery"; and "plumbers' supplies, not elsewhere specified," in 1909.

[2] Includes "saddlery and harness" and "trunks and valises."

[3] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."

[4] Includes "tobacco, chewing and smoking, and snuff" in 1914 and 1909.

[5] Includes "automobile repairing"; "engines, steam, gas, and water"; "steel barrels, drums, and tanks"; and "structural ironwork, not made in steel works or rolling mills," in all years; "hardware" in 1914; and "plumbers' supplies, not elsewhere specified," and "steam fittings and steam and hot-water heating apparatus" in 1914 and 1909.

[6] Includes "boxes, wooden packing, except cigar boxes," and "lumber, planing-mill products, not including planing mills connected with sawmills."

[7] Includes "perfumery and cosmetics."

TABLE 30.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	6,225	147,678	5,128	6,903	13,288	6,736	115,623	De 122,250	My 109,489	(3)	(3)	(3)	(3)	(3)	Dollars. 679,386,486
2	Agricultural implements	16	618	3	50	41	23	501	Se 559	My 448	554	549	5	.....	.....	2,623,032
3	Artificial limbs	12	170	13	15	21	25	96	No[4] 101	Ap 91	101	79	22	.....	.....	265,281
4	Artificial stone products	171	1,095	197	80	37	15	766	Jy 1,009	Ja 478	982	979	2	1	.....	3,235,159
5	Automobile bodies and parts	48	537	44	43	26	19	405	De 454	Ja 328	481	467	14	.....	.....	979,377
6	Automobile repairing	592	2,935	799	128	72	94	1,842	Jy 2,131	Ja 1,453	1,921	1,911	8	2	.....	5,345,601
7	Awnings, tents, and sails	16	133	18	9	10	7	89	Je[4] 114	Ja 65	97	53	44	.....	.....	393,402
8	Babbitt and type metal	3	19	3	3	.....	2	11	Se 14	Ja[4] 8	14	13	1	.....	.....	55,541
9	Belting, leather	3	153	.....	20	14	3	116	De 143	Ap 101	143	85	2	56	.....	1,561,540
10	Bookbinding and blank-book making	18	151	23	5	2	2	119	Au 123	Se[4] 115	127	57	68	1	1	176,665
11	Boots and shoes	16	2,614	4	86	263	108	2,153	.....	.....	2,314	1,322	983	8	1	10,617,683
12	Regular factory products	11	2,505	.....	76	251	105	2,073	No 2,249	Ja 1,967	2,225	1,282	934	8	1	10,387,310
13	Overgaiters, moccasins, and leggings.	5	109	4	10	12	3	80	No 91	Ja 59	89	40	49	.....	.....	230,373
14	Boxes, set-up paper boxes and cartons	16	794	6	44	18	15	711	No 770	Ja 650	750	268	472	5	5	1,353,932
15	Boxes, wooden packing, except cigar boxes.	28	787	27	41	16	8	695	Au 773	Ja 621	754	690	35	29	.....	1,897,027
16	Brass, bronze, and copper products	10	252	5	20	6	8	213	De 249	Je 192	256	243	13	.....	.....	800,171
17	Bread and other bakery products	426	4,288	457	157	413	286	2,975	.....	.....	3,268	1,976	1,268	19	5	8,981,750
18	Biscuit and crackers	3	1,447	.....	27	185	75	1,160	No 1,377	My 1,018	1,301	572	726	2	1	3,181,804
19	All other	423	2,841	457	130	228	211	1,815	De 1,951	Ja[4] 1,660	1,967	1,404	542	17	4	5,799,946
20	Brick and tile, terra-cotta, and fire-clay products.	34	929	27	54	32	17	799	.....	.....	1,041	1,018	.....	23	.....	4,800,734
21	Building brick, including fire brick.	22	505	25	31	20	9	420	Au 684	Ja 150	601	578	.....	23	.....	2,361,792
22	Sewer pipe and draintile	7	274	2	13	7	4	248	Se 302	Ja 165	290	290	.....	.....	.....	1,759,303
23	Terra-cotta products	5	150	.....	10	5	4	131	Oc 186	Ja 33	150	150	.....	.....	.....	679,639
24	Brooms	28	151	33	9	4	2	103	De 126	Fe 90	130	126	2	2	.....	279,299
25	Butter	832	2,734	217	234	142	179	1,962	Je 2,278	Ja 1,702	1,905	1,750	149	6	.....	42,854,461
26	Buttons	5	63	6	2	1	.....	54	De 82	Ap 31	83	78	5	.....	.....	70,798
27	Canning and preserving, vegetables	25	558	3	81	8	10	456	Au 1,630	Fe 66	1,346	673	673	.....	.....	1,741,480
28	Carpets, rag	9	34	13	1	.....	.....	20	De 30	Ja[4] 14	34	20	14	.....	.....	31,017
29	Carriages and wagons, including repairs.	67	712	72	36	23	16	565	.....	.....	613	609	4	.....	.....	2,845,567
30	Carriages and wagons	35	628	32	33	23	15	525	No 568	Je 480	573	569	4	.....	.....	2,702,268
31	Repair work only	32	84	40	3	.....	1	40	Jy[4] 43	Ja 35	40	40	.....	.....	.....	143,299
32	Cars and general shop construction and repairs by electric-railroad companies.	8	479	.....	24	11	8	436	De 511	Je 346	511	498	13	.....	.....	2,027,634
33	Cars and general shop construction and repairs by steam-railroad companies.	75	16,808	.....	381	294	157	15,976	Se 16,375	Au 15,190	15,809	15,620	189	.....	.....	30,083,982
34	Cheese	66	123	25	6	1	2	89	Je 121	De 59	95	95	.....	.....	.....	255,982
35	Chemicals	9	281	.....	18	67	34	162	Je 195	Ja 98	185	185	.....	.....	.....	2,082,618
36	Cleansing and polishing preparations.	6	62	2	11	21	8	20	Jy 24	Ja[4] 16	19	16	3	.....	.....	103,545
37	Clothing, men's	34	1,793	32	49	110	41	1,561	.....	.....	1,819	289	1,530	.....	.....	3,736,233
38	Men's and youths'	12	890	4	25	49	16	796	Oc 974	Ja 632	913	161	752	.....	.....	2,156,361
39	All other	12	772	10	20	61	24	657	De 755	Mh 579	755	77	678	.....	.....	1,552,003
40	Contract work	10	131	18	4	.....	1	108	Oc 152	Jy 73	151	51	100	.....	.....	27,869
41	Clothing, women's	23	339	20	36	47	16	220	.....	.....	311	17	294	.....	.....	680,573
42	Suits, skirts, and cloaks	4	39	2	9	2	2	24	De 30	Se[4] 20	35	7	28	.....	.....	78,241
43	All other	19	300	18	27	45	14	196	No 267	Ja 89	276	10	266	.....	.....	602,332
44	Coffee, roasting and grinding	13	852	6	68	160	86	532	Jy 582	Mh 480	536	272	264	.....	.....	3,053,465
45	Coffins, burial cases, and undertakers' goods.	7	311	1	23	33	7	247	Mh 281	De 221	219	169	49	1	.....	1,485,522
46	Coke, not including gas-house coke	3	510	.....	13	67	4	426	De 483	Je 367	483	481	2	.....	.....	9,508,441
47	Condensed milk	5	117	2	11	9	11	84	Je 102	Ja 63	91	66	25	.....	.....	1,223,556
48	Confectionery and ice cream	117	2,516	129	97	227	104	1,959	.....	.....	2,488	814	1,672	1	1	5,508,985
49	Confectionery	85	2,195	92	77	206	77	1,743	De 2,305	Je 1,337	2,275	631	1,642	1	1	4,345,986
50	Ice cream	32	321	37	20	21	27	216	Au 282	Ja 150	213	183	30	.....	.....	1,162,999
51	Cooperage	11	635	3	32	14	11	575	.....	.....	598	583	15	.....	.....	1,761,687
52	Hogsheads and barrels	7	318	3	18	3	3	291	Ja 308	Jy 279	302	298	4	.....	.....	862,415
53	All other	4	317	.....	14	11	8	284	Fe 305	My 245	296	285	11	.....	.....	899,272
54	Copper, tin, and sheet-iron work	128	1,074	132	67	80	37	758	No 941	Fe 542	886	876	7	3	.....	2,795,671
55	Dairymen's, poultrymen's, and apiarists' supplies.	6	152	1	8	47	10	86	Ap 92	Au 82	97	95	2	.....	.....	724,245
56	Dental goods	8	194	5	3	8	26	152	(5) 152	(5) 152	153	106	46	1	.....	140,377
57	Druggists' preparations	6	217	2	33	6	34	142	Jy[4] 152	Ja 123	148	51	97	.....	.....	1,075,297
58	Electrical machinery, apparatus, and supplies.	20	1,230	7	54	151	76	942	De 1,005	Ja 916	982	635	334	13	.....	2,372,860
59	Electroplating	7	45	7	2	3	3	30	Au 33	My 28	33	30	2	1	.....	50,458
60	Engines, steam, gas, and water	14	2,377	1	118	576	153	1,529	Mh 1,893	De 1,154	1,623	1,618	5	.....	.....	21,952,666
61	Engraving and diesinking	5	9	5	.....	.....	.....	4	(5) 4	(5) 4	5	5	.....	.....	.....	4,287
62	Engraving, steel and copper plate, including plate printing.	7	101	7	1	8	5	80	De 96	Jy 73	91	39	51	1	.....	93,063
63	Envelopes	6	458	2	20	25	13	398	Oc 430	Ja 331	400	279	121	.....	.....	459,569
64	Fancy articles, not elsewhere specified.	5	139	3	10	9	26	91	De 207	Fe[4] 49	207	22	171	.....	14	195,539
65	Flour-mill and gristmill products	248	10,686	180	612	2,988	857	6,049	De 6,504	Mh 5,607	6,561	6,380	174	7	.....	111,366,446

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).
[3] No figures given for reasons stated under "Explanation of terms."

COMBINED AND SPECIFIED INDUSTRIES: 1919.

Expenses.								Value of products.	Value added by manufacture.	Power.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 20,985,065	*Dollars.* 24,374,861	*Dollars.* 127,106,505	*Dollars* 4,005,045	*Dollars.* 3,427,503	*Dollars.* 21,634,431	*Dollars.* 860,607,299	*Dollars.* 22,482,478	*Dollars.* 1,218,129,735	*Dollars.* 335,039,958	473,957	173,815	24,371	33,848	73,661	168,262	87,154	1
115,826	77,806	498,176	253	1,619	26,929	1,319,700	35,570	2,341,311	986,041	723	340	.....	14	.....	369	221	2
35,554	40,365	125,667	828	13,551	7,039	108,277	3,273	481,863	370,313	89	.....	.....	10	.....	79	.....	3
142,030	67,036	862,248	25,077	13,990	34,129	1,197,381	86,387	3,046,815	1,763,047	3,111	782	.....	451	75	1,803	35	4
80,979	38,904	456,559	2,955	35,768	23,417	850,290	26,896	1,763,048	885,862	611	.....	.....	4	.....	607	.....	5
207,516	119,399	2,295,942	44,032	247,594	63,755	1,993,318	170,650	9,282,481	7,118,513	2,830	22	.....	743	.....	2,065	23	6
14,323	28,234	82,135	.....	13,426	13,221	337,434	3,401	580,467	239,632	62	.....	.....	.....	.....	62	.....	7
6,613	925	11,939	.....	2,136	353	99,337	2,124	141,442	39,981	8	.....	.....	.....	.....	8	.....	8
30,678	29,138	136,028	.....	11,240	33,758	1,189,164	6,584	1,808,535	612,787	120	40	.....	.....	.....	80	.....	9
5,636	2,760	94,239	2,791	7,369	1,573	69,144	2,662	245,277	173,471	50	.....	.....	.....	.....	50	.....	10
361,479	692,648	1,917,246	5,868	35,856	248,488	7,683,058	60,045	12,644,659	4,901,556	1,738	.....	.....	.....	.....	1,738	.....	11
328,399	668,129	1,845,785	.....	30,965	245,146	7,456,372	59,180	12,228,839	4,713,287	1,705	.....	.....	.....	.....	1,705	.....	12
33,080	24,519	71,461	5,868	4,891	3,342	226,686	865	415,820	188,269	33	.....	.....	.....	.....	33	.....	13
119,246	65,778	482,918	2,000	30,836	37,508	936,155	26,775	2,085,980	1,123,050	523	.....	.....	.....	.....	523	.....	14
131,515	29,383	691,745	.....	8,854	45,721	2,161,031	29,346	3,454,239	1,263,862	2,525	1,556	.....	.....	.....	969	103	15
56,460	19,238	240,771	.....	5,700	20,324	519,471	30,762	1,017,680	467,447	393	.....	.....	.....	.....	393	.....	16
395,833	1,000,450	2,593,161	6,256	249,003	168,575	13,623,934	382,150	22,815,456	8,809,372	3,234	1,241	.....	14	.....	1,979	761	17
65,719	439,587	806,949	.....	65,791	69,902	3,827,755	83,563	7,366,856	3,455,538	1,052	821	.....	.....	.....	231	501	18
330,114	560,863	1,786,212	6,256	183,212	98,673	9,796,179	298,587	15,448,600	5,353,834	2,182	420	.....	14	.....	1,748	257	19
124,810	55,333	834,062	73	8,000	51,682	306,206	503,112	2,293,396	1,484,078	5,224	3,270	370	67	.....	1,517	545	20
78,820	29,873	441,517	73	.....	26,248	130,321	250,251	1,150,576	770,001	2,618	1,652	.....	30	.....	936	500	21
25,465	17,145	238,988	.....	.....	20,444	154,179	152,650	742,128	435,299	1,865	1,408	370	7	.....	80	45	22
20,525	8,315	153,557	.....	8,000	4,990	21,706	100,211	400,692	278,775	741	210	.....	30	.....	501	.....	23
10,182	10,830	118,916	.....	3,294	2,238	312,837	4,063	563,084	246,184	106	.....	.....	10	.....	96	.....	24
376,192	312,057	2,237,868	45,738	46,769	248,379	81,360,264	570,887	88,882,271	6,951,120	14,644	9,716	179	776	71	3,902	965	25
2,598	.....	43,505	.....	250	799	35,588	1,336	88,261	51,337	48	.....	.....	.....	.....	48	.....	26
120,006	8,192	251,511	3,714	647	34,647	1,037,849	27,271	1,792,165	727,045	1,399	647	.....	72	.....	680	30	27
2,200	.....	15,798	200	2,001	121	9,165	1,464	47,595	36,966	49	.....	.....	.....	.....	49	.....	28
89,092	71,365	648,005	.....	9,581	76,291	1,450,372	49,318	2,969,738	1,470,048	1,501	970	.....	120	.....	411	915	29
83,865	70,665	603,335	.....	5,014	74,129	1,399,692	44,866	2,787,775	1,343,217	1,337	970	.....	54	.....	313	915	30
5,227	700	44,670	.....	4,567	2,165	50,680	4,452	181,963	126,831	164	.....	.....	66	.....	98	.....	31
49,552	26,511	548,909	.....	82	4,219	396,585	43,876	1,065,144	624,683	1,285	.....	.....	.....	.....	1,285	.....	32
1,047,752	568,567	21,070,153	57,021	.....	.....	11,593,979	1,098,575	35,350,761	22,658,210	15,157	7,252	1,416	142	.....	6,347	9,725	33
3,029	403,426	89,729	.....	4,706	1,826	2,481,755	24,125	2,838,135	332,255	505	438	.....	14	.....	53	.....	34
58,107	126,364	188,223	.....	51,732	60,572	484,624	138,908	1,455,658	832,126	1,105	75	.....	100	.....	930	10	35
23,314	40,711	21,510	2,440	1,376	1,587	520,887	3,373	727,745	203,485	37	.....	.....	.....	.....	37	.....	36
147,119	169,948	1,103,099	43,828	54,328	134,309	4,810,840	28,962	7,065,358	2,225,556	642	226	.....	.....	.....	416	22	37
74,067	54,214	586,706	.....	35,583	59,910	2,761,054	16,818	3,686,734	908,862	230	2	.....	.....	.....	228	.....	38
67,099	115,609	435,592	43,828	16,055	73,634	2,041,484	10,570	3,237,718	1,185,655	391	224	.....	.....	.....	167	22	39
5,953	125	80,801	.....	2,690	765	8,302	1,565	140,906	131,039	21	.....	.....	.....	.....	21	.....	40
77,279	19,634	140,894	.....	17,307	5,424	466,119	4,047	896,235	426,069	71	.....	.....	.....	.....	71	.....	41
12,450	2,565	15,646	.....	1,820	948	66,580	327	120,885	53,978	10	.....	.....	.....	.....	10	.....	42
64,829	17,069	125,248	.....	15,487	4,476	399,539	3,720	775,350	372,091	61	.....	.....	.....	.....	61	.....	43
165,235	205,538	233,535	5,126	38,007	122,842	10,223,297	41,663	12,185,989	1,921,029	962	100	.....	.....	.....	862	142	44
123,777	97,467	235,540	184	6,360	140,609	653,112	8,986	1,593,240	931,142	248	168	.....	.....	.....	80	.....	45
46,406	86,495	694,714	.....	.....	118,349	457,473	4,513,873	6,468,654	1,497,308	7,774	2,618	112	.....	.....	5,044	420	46
23,378	19,781	70,539	500	7,950	7,878	1,541,176	41,812	1,865,199	282,211	724	352	.....	.....	.....	372	.....	47
325,517	557,482	1,222,465	1,500	140,129	544,287	5,559,950	127,650	10,055,805	4,368,205	2,340	570	.....	8	.....	1,762	352	48
263,283	499,914	971,979	600	127,170	460,149	4,117,925	83,126	7,594,102	3,393,351	1,119	545	.....	.....	.....	574	352	49
62,234	57,568	250,486	900	12,959	84,138	1,442,325	44,524	2,461,703	974,854	1,221	25	.....	8	.....	1,188	.....	50
108,902	35,950	574,677	6,832	1,500	116,336	2,001,262	24,130	3,199,313	1,173,921	985	825	40	.....	.....	120	.....	51
48,234	9,422	322,966	6,832	1,500	23,419	1,050,127	20,098	1,645,936	575,711	525	405	.....	.....	.....	120	.....	52
60,668	26,528	251,711	.....	.....	92,917	951,135	4,032	1,553,377	598,210	460	420	40	.....	.....	.....	.....	53
150,001	73,062	870,165	8,486	34,149	49,621	2,037,026	25,862	3,802,994	1,740,106	586	.....	.....	4	.....	582	.....	54
30,933	69,778	100,311	.....	20	14,348	312,119	4,396	764,899	448,384	128	.....	.....	50	.....	78	.....	55
2,845	25,590	150,233	.....	8,231	30,738	697,772	1,234	945,906	246,900	36	.....	.....	.....	.....	36	.....	56
72,933	40,668	86,040	.....	8,961	5,102	252,765	5,439	618,798	360,594	87	40	.....	.....	.....	47	6	57
255,655	299,234	753,004	8,343	17,378	160,213	1,976,575	56,773	4,353,949	2,320,601	881	.....	.....	.....	.....	881	.....	58
4,152	4,930	32,188	.....	4,435	586	20,867	5,520	100,586	74,199	102	.....	.....	.....	.....	102	.....	59
346,530	994,026	1,907,956	318,729	9,411	331,288	4,481,878	97,907	12,946,297	8,366,512	2,235	50	.....	16	.....	2,169	.....	60
.....	.....	2,100	.....	714	1	103	25	13,219	13,091	2	.....	.....	.....	.....	2	.....	61
2,080	7,238	63,923	1,200	4,745	575	51,242	938	151,126	98,946	30	.....	.....	.....	.....	30	.....	62
41,956	54,657	177,374	.....	11,753	9,210	285,245	6,022	674,393	383,126	131	.....	.....	.....	.....	131	.....	63
33,667	45,480	55,455	7,120	5,260	4,463	126,193	370	331,016	204,453	12	.....	.....	.....	.....	12	.....	64
2,021,226	3,870,348	7,780,555	45,933	669,266	3,355,611	335,682,145	2,190,367	381,248,891	43,376,379	114,764	36,591	14,316	1,017	32,420	30,420	18,947	65

[1] Same number reported for one or more other months.
[2] Same number reported throughout the year.

TABLE 30.—DETAILED STATEMENT OF ALL INDUSTRIES

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

	Industry and city.	Number of establishments	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Number, 15th day of— Maximum month.		Number, 15th day of— Minimum month.		Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																		Dollars.
1	Food preparations, not elsewhere specified.	41	926	27	79	123	73	624	.....		.....		773	418	354	1	.....	5,287,980
2	Breadstuff preparations, cereals, and breakfast foods.	10	337	.....	33	46	30	228	Se	263	Je	177	245	72	173	.....	.....	2,332,198
3	Macaroni, vermicelli, and noodles.	4	157	1	10	24	7	115	De	164	Je	84	137	63	73	1	.....	462,477
4	Sweetening sirups, other than cane.	7	161	13	11	8	12	117	Se	182	Ap	87	179	117	62	.....	.....	1,251,295
5	All other	20	271	13	25	45	24	164	Jy	204	Mh	126	212	166	46	.....	.....	1,242,019
6	Foundry and machine-shop products.	216	7,705	165	449	578	330	6,183	.....		.....		6,483	6,391	91	1	.....	24,850,387
7	Boiler shops	10	496	6	30	31	5	424	Oc	477	Je	336	427	426	1	.....	.....	2,369,740
8	Foundries	24	1,284	19	46	87	36	1,096	Oc	1,246	Je	921	1,307	1,261	46	.....	.....	2,868,215
9	Machine shops	151	3,747	108	273	346	229	2,791	De	3,014	Je	2,626	2,874	2,842	31	1	.....	12,821,188
10	Machine shop and foundry combined.	31	2,178	32	100	114	60	1,872	Ja	3,137	My	1,626	1,875	1,862	13	.....	.....	6,791,244
11	Fur goods	45	1,367	43	68	243	108	905	De	1,070	Mh [3]	785	971	373	597	1	.....	4,454,010
12	Furniture	59	1,857	44	100	81	45	1,587	.....		.....		1,887	1,798	81	7	1	4,500,209
13	Wood furniture, other than rattan and willow.	35	1,584	17	84	74	34	1,375	De	1,649	Ja	1,109	1,648	1,559	81	7	1	3,922,008
14	Rattan and willow, and metal furniture.	6	26	7	.....	.....	2	17	Jy	27	Ja [3]	2	22	22	.....	.....	.....	27,055
15	Store and office fixtures	18	247	20	16	7	9	195	No	227	Fe	159	217	217	.....	.....	.....	551,146
16	Furs, dressed	5	103	5	3	2	2	91	De	109	Ap	62	107	100	7	.....	.....	195,956
17	Gas and electric fixtures	7	109	2	16	12	4	75	De	88	Ap	66	89	83	6	.....	.....	237,108
18	Gas, illuminating and heating	23	1,028	.....	73	157	91	707	Je	783	Fe	632	734	727	7	.....	.....	21,461,659
19	Glass, cutting, staining, and ornamenting.	17	174	5	24	13	13	119	De	136	Ja [3]	99	145	133	12	.....	.....	392,710
20	Glucose and starch	6	31	.....	14	1	.....	16	Ap	37	Au	6	32	31	1	.....	.....	152,198
21	Grease and tallow, not including lubricating greases.	10	39	11	6	.....	2	20	.....		.....		21	21	.....	.....	.....	131,706
22	Soap stock	5	18	5	3	.....	1	9	(4)	9	(4)	9	8	8	.....	.....	.....	64,535
23	All other	5	21	6	3	.....	1	11	De	13	Ap	9	13	13	.....	.....	.....	67,171
24	Hand stamps	10	99	17	6	4	13	59	De	65	Ja	51	63	47	16	.....	.....	155,726
25	Hats and caps, other than felt, straw, and wool.	11	116	20	4	5	4	83	Se [3]	89	Ja [3]	77	88	58	30	.....	.....	282,211
26	Ice, manufactured	5	122	.....	15	7	7	93	Au	105	Ja [3]	76	94	93	1	.....	.....	899,401
27	Ink, writing	3	9	.....	4	.....	1	4	(4)	4	(4)	4	4	2	2	.....	.....	7,583
28	Iron and steel, welding	10	31	10	5	.....	2	14	Ap [3]	15	Ja [3]	13	13	13	.....	.....	.....	76,965
29	Jewelry	22	206	26	6	9	15	150	De	156	Fe [3]	143	153	145	7	1	.....	265,448
30	Knit goods	16	4,034	9	56	117	288	3,564	Mh	4,171	De	3,026	3,033	527	2,505	1	.....	11,014,213
31	Leather goods, not elsewhere specified	11	839	4	37	75	40	683	De	834	Mh	588	753	279	474	.....	.....	2,290,721
32	Lime	5	198	5	12	8	6	167	My	211	Fe	99	184	184	.....	.....	.....	558,447
33	Liquors, malt	28	1,415	12	127	197	43	1,036	Je	1,389	Jy	778	975	972	3	.....	.....	18,938,274
34	Looking-glass and picture frames	12	70	10	8	6	9	37	De	51	My	32	44	41	2	1	.....	226,372
35	Lumber and timber products	244	13,384	261	182	278	61	12,002	Fe	15,810	My	9,753	17,877	17,713	152	11	1	38,601,513
36	Lumber, planing-mill products, not including planing mills connected with sawmills.	94	2,689	78	165	180	78	2,188	De	2,590	Ja	1,556	2,578	2,537	20	21	.....	8,994,879
37	Machine tools	5	224	3	10	25	23	163	De	198	Je	102	197	197	.....	.....	.....	778,024
38	Malt	7	129	.....	18	13	2	96	Jy	121	De	62	112	112	.....	.....	.....	4,409,012
39	Marble and stone work	109	1,300	106	73	79	21	1,021	.....		.....		1,165	1,160	4	1	.....	2,876,443
40	Monuments and tombstones	90	890	96	37	56	17	684	De	744	Ja	600	773	771	1	1	.....	2,083,639
41	All other, except slate	19	410	10	36	23	4	337	Se	409	Ja	219	392	389	3	.....	.....	792,804
42	Mattresses and spring beds, not elsewhere specified.	9	592	6	46	41	40	459	Au	533	Ja	346	505	434	71	.....	.....	2,486,943
43	Millinery and lace goods, not elsewhere specified.	23	722	16	41	82	42	541	.....		.....		591	34	555	.....	2	1,166,836
44	Embroideries	6	20	6	1	.....	2	11	Ap [3]	12	Ja [3]	10	13	1	11	.....	1	10,959
45	Trimmed hats and hat frames	8	629	6	31	82	31	479	Fe	753	Jy	340	523	27	496	.....	.....	1,094,228
46	All other	9	73	4	9	.....	9	51	De	57	Ja [3]	43	55	6	48	.....	1	61,649
47	Mineral and soda waters	114	438	132	36	36	21	213	.....		.....		212	189	11	12	.....	1,339,966
48	Mineral and carbonated waters	109	410	130	32	25	18	205	Jy	294	De	158	205	182	11	12	.....	1,284,901
49	All other	5	28	2	4	11	3	8	Je [3]	9	De [3]	7	7	7	.....	.....	.....	55,065
50	Models and patterns, not including paper patterns.	16	155	23	1	2	5	124	Oc	167	My	86	134	134	.....	.....	.....	177,610
51	Musical instruments and materials, not elsewhere specified.	3	6	3	.....	.....	.....	3	(4)	3	(4)	3	3	3	.....	.....	.....	3,240
52	Oil, linseed	6	617	.....	30	65	39	483	Jy	577	My	416	504	498	6	.....	.....	19,648,821
53	Optical goods	11	157	4	14	29	27	83	Se	85	Ja	78	84	78	6	.....	.....	320,840
54	Paints	12	244	5	30	72	20	117	Je	128	No	101	112	85	27	.....	.....	1,948,735
55	Paper and wood pulp	9	2,771	.....	86	95	67	2,523	Ja	2,681	Au	2,305	2,642	2,479	163	.....	.....	24,634,705
56	Patent medicines and compounds	51	906	29	82	175	159	461	.....		.....		444	201	237	3	3	7,939,775
57	Patent and proprietary medicines	33	734	19	56	151	140	368	Jy	426	Ja	326	355	157	196	1	1	7,403,837
58	Patent and proprietary compounds, not elsewhere specified.	18	172	10	26	24	19	93	Jy	115	Ja	70	89	44	41	2	2	445,938
59	Paving materials	13	190	5	16	8	1	160	Jy	223	Fe	75	241	241	.....	.....	.....	745,794
60	Perfumery and cosmetics	18	197	8	10	121	15	43	Se	50	Fe [3]	35	52	23	28	.....	1	172,401
61	Photo-engraving	11	398	4	26	39	30	299	De	302	Ja	295	303	263	40	.....	.....	1,367,424
62	Photographic materials	6	37	5	3	3	5	21	Au [3]	23	Ja [3]	19	21	16	1	4	.....	74,463
63	Pickles, preserves, and sauces	13	209	6	25	31	10	227	Au	614	Fe	118	267	138	129	.....	.....	936,505

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
250,733	278,979	575,851	39,663	39,021	303,540	10,308,757	109,377	14,706,653	4,288,519	3,090	437	.....	.....	.....	2,653	145	1
123,047	128,816	189,214	3,663	5,050	118,624	3,414,269	28,153	5,163,789	1,721,367	658	150	.....	.....	.....	508	85	2
32,485	43,159	102,462	.....	1,000	12,635	613,520	14,190	937,621	309,911	388	50	.....	.....	.....	338	.....	3
43,053	26,668	94,620	36,000	13,398	143,055	3,472,599	19,168	4,628,702	1,136,935	413	223	.....	.....	.....	190	60	4
52,148	80,336	189,555	.....	19,573	29,226	2,808,369	47,866	3,976,541	1,120,306	1,631	14	.....	.....	.....	1,617	.....	5
1,413,803	1,218,270	7,432,071	85,034	106,710	1,161,371	12,001,995	711,652	31,864,771	19,151,124	11,963	1,485	1,333	228	9	8,908	4,206	6
142,515	75,318	530,733	16	526	292,201	1,064,609	39,158	2,551,206	1,447,439	1,714	250	.....	6	.....	1,458	.....	7
205,405	90,033	1,492,768	100	30,695	239,135	2,367,882	285,474	5,869,060	3,215,704	1,820	235	.....	14	.....	1,571	.....	8
770,374	779,088	3,089,240	82,288	73,425	298,252	5,880,017	185,093	16,100,993	10,035,883	4,725	175	1,333	125	9	3,083	3,043	9
295,509	272,931	2,319,330	2,630	2,064	331,783	2,689,487	201,927	7,343,512	4,452,098	3,704	825	.....	83	.....	2,796	1,163	10
267,370	433,287	1,086,583	7,819	113,586	316,480	5,181,310	22,963	8,062,860	2,858,587	515	.....	.....	.....	3	512	.....	11
407,014	184,613	1,635,677	1,403	46,884	173,443	2,979,422	82,815	6,805,090	3,742,853	2,814	1,466	.....	.....	.....	1,348	26	12
335,633	154,189	1,371,442	1,053	37,787	164,331	2,637,993	66,874	5,951,756	3,246,889	2,393	1,391	.....	.....	.....	1,002	26	13
.....	852	14,582	.....	2,125	180	29,832	276	70,382	40,274	9	.....	.....	.....	.....	9	.....	14
71,381	29,572	249,653	350	6,972	8,932	311,597	15,665	782,952	455,690	412	75	.....	.....	.....	337	.....	15
11,820	5,340	117,458	1,000	1,800	1,377	44,063	8,620	232,370	179,687	192	100	50	.....	.....	42	60	16
32,408	20,016	75,283	5,392	8,269	2,943	200,821	3,164	427,523	223,538	91	.....	.....	.....	.....	91	.....	17
204,349	254,308	868,656	.....	2,300	308,655	658,994	1,748,827	5,517,882	3,110,061	5,908	3,024	2,330	125	.....	429	256	18
51,395	22,488	108,089	401	14,081	5,314	544,532	6,176	832,317	281,609	92	.....	.....	.....	.....	92	.....	19
2,280	53	14,953	135	68	8,352	62,230	5,320	89,016	21,466	263	252	.....	3	.....	8	.....	20
23,817	1,095	28,806	.....	370	9,301	111,129	7,476	252,070	133,465	188	165	.....	8	.....	15	.....	21
5,725	315	15,043	.....	270	3,322	21,305	3,035	87,496	63,156	95	80	.....	.....	.....	15	.....	22
18,092	780	13,763	.....	100	5,979	89,824	4,441	164,574	70,309	93	85	.....	8	.....	.....	.....	23
19,100	12,519	59,448	50	12,590	5,630	69,786	2,874	250,301	177,641	42	.....	.....	.....	.....	42	.....	24
7,600	11,664	88,838	.....	10,434	657	288,197	1,025	462,703	173,481	18	.....	.....	.....	.....	18	.....	25
25,740	11,115	90,634	.....	.....	22,190	34,657	55,194	333,078	243,227	1,671	.....	.....	100	.....	1,571	.....	26
5,240	600	3,231	.....	920	75	7,623	386	27,545	19,536	.....	.....	.....	.....	.....	.....	.....	27
9,853	1,461	18,129	4,747	3,367	534	18,949	3,028	95,182	73,205	33	.....	.....	.....	.....	33	.....	28
10,200	16,488	170,047	.....	12,374	2,843	266,281	2,210	663,691	395,200	53	.....	.....	.....	.....	53	.....	29
306,420	615,016	2,297,950	60	33,186	422,443	7,408,285	78,325	13,984,944	6,498,334	1,480	1,200	.....	.....	.....	280	1,452	30
192,685	172,436	623,561	.....	22,614	91,441	2,544,679	12,567	4,052,079	1,494,833	194	.....	.....	12	.....	182	.....	31
32,160	13,620	169,381	.....	250	16,748	77,846	42,073	427,439	307,520	260	200	.....	18	.....	42	30	32
515,629	232,282	1,842,931	16,958	3,200	1,731,625	1,829,816	216,924	7,712,734	5,665,994	7,125	6,037	.....	15	.....	1,073	1,135	33
18,147	18,081	39,260	.....	11,237	3,090	180,765	2,198	327,183	144,170	36	.....	.....	.....	.....	36	.....	34
607,612	525,751	9,868,133	1,104,788	35,779	1,921,398	17,037,873	132,725	37,321,051	20,150,453	36,478	32,028	2,073	525	35	1,817	2,549	35
399,412	514,549	2,413,479	4,335	24,139	197,323	6,414,926	113,231	11,804,330	5,276,173	8,968	5,587	.....	163	50	3,168	543	36
25,325	32,383	182,168	55,054	6,720	13,116	207,584	13,618	827,184	605,982	334	.....	.....	.....	.....	334	.....	37
70,687	19,673	121,510	.....	.....	97,900	2,168,763	120,318	2,926,102	637,021	2,710	2,187	.....	.....	.....	523	2,156	38
151,254	130,459	1,282,349	46,322	16,364	56,000	1,779,686	122,123	4,721,138	2,819,329	6,341	1,112	.....	173	.....	5,056	75	39
80,250	103,394	894,975	30,322	6,680	43,611	1,431,220	73,712	3,501,505	1,996,573	3,448	480	.....	167	.....	2,801	10	40
71,004	27,065	387,374	16,000	9,684	12,389	348,466	48,411	1,219,633	822,756	2,893	632	.....	6	.....	2,255	65	41
183,380	162,060	474,439	.....	6,250	31,509	2,368,901	33,362	3,871,893	1,469,630	1,654	375	.....	.....	.....	1,279	.....	42
120,749	83,299	483,359	.....	36,351	44,334	1,037,649	9,627	2,068,046	1,020,770	187	125	.....	.....	.....	62	44	43
1,040	1,248	9,553	.....	3,610	72	8,186	163	31,412	23,063	5	.....	.....	.....	.....	5	.....	44
117,761	76,078	440,098	.....	24,849	43,047	985,335	8,710	1,887,109	893,064	167	125	.....	.....	.....	42	44	45
10,948	5,073	33,708	.....	7,892	1,215	44,128	754	149,525	104,643	15	.....	.....	.....	.....	15	.....	46
59,128	59,549	108,411	751	22,187	112,553	771,263	21,891	1,543,808	750,654	357	35	.....	51	1	270	.....	47
53,496	50,215	191,534	751	19,205	109,718	738,085	21,468	1,471,755	712,202	350	35	.....	45	1	269	.....	48
5,632	9,334	6,877	.....	2,982	2,835	33,178	423	72,053	38,452	7	.....	.....	6	.....	1	.....	49
1,930	5,733	135,196	500	5,360	1,996	111,686	6,300	331,316	213,330	138	.....	.....	.....	.....	138	.....	50
.....	.....	3,914	.....	905	76	926	115	9,981	8,940	5	.....	.....	.....	.....	5	.....	51
342,482	125,260	646,813	.....	.....	333,945	28,623,332	172,652	33,237,740	4,441,756	4,102	2,480	.....	.....	.....	1,622	79	52
42,138	49,435	83,906	1,659	15,131	11,830	300,134	2,036	616,052	313,882	47	.....	.....	.....	.....	47	.....	53
90,846	133,647	118,427	.....	13,294	167,350	1,593,952	17,020	2,512,132	901,160	620	80	.....	.....	.....	540	14	54
410,502	214,260	2,993,895	.....	.....	748,238	10,027,035	1,381,833	20,138,482	8,729,614	56,106	11,350	565	.....	40,036	4,155	8,794	55
308,258	453,160	295,073	9,969	34,621	448,773	2,696,968	25,095	6,302,629	3,580,566	2,234	6	.....	7	.....	2,221	.....	56
216,595	405,172	238,070	8,149	24,257	438,251	2,212,781	20,760	5,468,998	3,235,457	2,187	.....	.....	.....	.....	2,187	.....	57
91,063	47,988	57,003	1,820	10,364	10,522	484,187	4,335	833,631	345,109	47	6	.....	7	.....	34	.....	58
39,030	10,612	202,477	27,644	13,835	125,731	97,118	42,176	537,325	398,031	3,079	879	.....	10	.....	2,190	.....	59
14,424	21,315	33,206	1,964	12,101	5,154	176,054	2,388	348,293	169,851	24	.....	.....	.....	.....	24	.....	60
92,454	92,691	361,039	4,595	20,877	7,830	227,791	4,840	969,063	736,432	82	.....	.....	.....	.....	82	.....	61
6,480	5,856	14,917	.....	3,636	1,278	47,225	1,816	137,772	88,731	24	.....	.....	.....	.....	24	.....	62
59,658	60,250	170,081	.....	1,759	50,906	1,252,650	11,397	1,707,694	443,647	236	35	.....	51	.....	150	.....	63

[3] Same number reported for one or more other months.
[4] Same number reported throughout the year.

TABLE 30.—DETAILED STATEMENT OF ALL INDUSTRIES

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

	Industry and city.	Number of establishments.	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.		Wage earners. Number, 15th day of— Minimum month.		Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																		Dollars.
1	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	10	144	12	6	21	17	88	De	144	Mh	61	146	143	.....	3	.....	339,268
2	Printing and publishing, book and job.	277	4,412	259	301	355	435	3,002	.....		.....		3,266	2,153	1,084	27	2	11,725,692
3	Job printing	258	3,399	244	243	212	223	2,477	De	2,653	Ja	2,356	2,617	1,828	761	26	2	7,885,447
4	Book printing and publishing	8	795	3	48	139	203	402	De	457	Fe	371	458	164	294	.....	.....	3,506,034
5	Linotype work and typesetting	11	218	12	10	4	9	183	De	189	Au	170	191	161	29	1	.....	334,211
6	Printing and publishing, newspapers and periodicals.	701	5,713	641	408	914	692	3,058	.....		.....		3,235	2,484	683	60	8	14,794,809
7	Printing and publishing	23	910	12	50	256	113	479	No	493	Se	467	490	430	60	.....	.....	4,202,263
8	Printing, publishing, and job printing.	571	4,370	571	270	566	434	2,529	No	2,685	Ja	2,409	2,686	2,018	605	59	4	10,204,011
9	Publishing without printing	107	433	58	88	92	145	50	De	53	Fe [3]	49	59	36	18	1	4	388,535
10	Printing materials	4	23	6	5	1	1	10	(4)	10	(4)	10	11	11	.....	.....	.....	50,169
11	Saddlery and harness	51	638	49	42	81	30	436	De	479	Je	407	489	454	34	1	.....	2,367,647
12	Sand-lime brick	3	86	.....	8	5	4	69	No [3]	101	Mh	24	106	104	2	.....	.....	242,626
13	Sausage, not made in slaughtering and meat-packing establishments.	11	62	14	4	9	2	33	Se [3]	36	Ja [3]	30	35	35	.....	.....	.....	95,878
14	Shipbuilding, wooden, including boat building.	21	126	23	7	.....	5	91	Jy	115	No	67	100	107	2	.....	.....	311,701
15	Shirts	9	337	4	19	46	15	253	De	304	Ap [3]	232	261	41	215	2	3	845,733
16	Show cases	5	90	5	8	4	2	71	De	108	Ja	48	109	109	.....	.....	.....	356,971
17	Signs and advertising novelties	31	1,404	20	64	204	127	989	.....		.....		1,176	303	783	.....	.....	2,105,590
18	Electric and other signs	27	247	20	19	9	11	188	No	221	My	163	215	153	62	.....	.....	368,885
19	Advertising novelties	4	1,157	.....	45	195	116	801	Oc	1,007	Ja	529	961	240	721	.....	.....	1,736,705
20	Slaughtering and meat packing	13	6,636	11	249	855	290	5,231	De	6,018	My	4,855	5,599	5,147	452	.....	.....	24,731,277
21	Soap	7	84	3	6	22	7	46	Au	57	De	37	44	33	11	.....	.....	453,144
22	Statuary and art goods	5	48	7	4	.....	2	35	Se [3]	44	Ja	21	40	37	3	.....	.....	69,401
23	Steam fittings and steam and hot-water heating apparatus.	6	230	2	19	27	22	160	No	200	My	104	224	223	1	.....	.....	809,766
24	Steam packing	5	283	1	17	42	15	208	Oc	227	My	193	214	208	6	.....	.....	1,129,430
25	Stereotyping and electrotyping	4	56	1	6	2	3	44	Jy [3]	49	Ja	29	49	49	.....	.....	.....	100,491
26	Stoves and hot-air furnaces	12	322	9	18	37	22	236	.....		.....		242	232	10	.....	.....	680,894
27	Stoves and ranges	6	281	1	15	32	21	212	De	234	Je	205	206	196	10	.....	.....	608,066
28	Hot-air furnaces	6	41	8	3	5	1	24	Se	39	Ja [3]	14	36	36	.....	.....	.....	72,828
29	Structural ironwork, not made in steel works or rolling mills.	19	2,795	12	66	427	107	2,183	No	2,459	Je	1,748	2,467	2,447	19	1	.....	12,842,981
30	Suspenders, garters, and elastic woven goods.	3	49	7	.....	10	2	30	No	34	Ja [3]	28	32	3	29	.....	.....	143,767
31	Tinware, not elsewhere specified	7	515	5	17	26	12	455	Au	585	Ja	369	457	294	163	.....	.....	1,688,452
32	Tobacco, cigars and cigarettes	216	1,202	224	35	38	14	891	No	943	Jy	849	929	523	397	9	.....	1,499,855
33	Tools, not elsewhere specified	10	66	10	13	1	3	39	.....		.....		42	40	2	.....	.....	226,307
34	Machinists' tools	3	13	6	.....	.....	.....	7	Ja [3]	8	Au [3]	6	7	7	.....	.....	.....	62,670
35	All other	7	53	4	13	1	3	32	Ja	36	My [3]	29	35	33	2	.....	.....	163,637
36	Toys and games	4	63	2	7	.....	3	51	No	101	Fe	11	100	39	59	2	.....	60,572
37	Trunks and valises	14	111	10	12	6	4	79	De	92	Ja [3]	65	93	84	6	1	2	194,795
38	Upholstering materials, not elsewhere specified.	8	72	3	7	5	2	55	De	65	Au [3]	51	71	71	.....	.....	.....	213,553
39	Varnishes	5	51	.....	8	11	5	27	De	29	Ap [3]	26	29	28	1	.....	.....	308,564
40	Window shades and fixtures	6	48	9	2	3	3	31	No [3]	33	Ja [3]	30	33	18	15	.....	.....	86,185
41	Wirework, including woven-wire fencing, not elsewhere specified.	6	77	5	11	1	6	54	Ap	76	Au	32	50	29	21	.....	.....	186,570
42	Wooden goods, not elsewhere specified.	6	297	1	20	15	3	258	De	336	Jy	227	339	284	55	.....	.....	959,012
43	Woolen goods	11	682	1	41	50	16	574	De	599	Fe	539	600	288	312	.....	.....	2,353,331
44	All other industries*	187	13,788	121	652	947	535	11,533	.....		.....		.....	.....	.....	.....	.....	88,095,715

* All other industries embrace—

Ammunition	2
Asbestos products, not including steam packing	1
Automobiles	5
Bags, other than paper, not including bags made in textile mills	5
Baking powders	2
Baskets, and rattan and willow ware	1
Billiard tables, bowling alleys, and accessories	2
Blacking, stains, and dressings	2
Bluing	2
Boot and shoe cut stock	2
Boot and shoe findings	2
Boxes, cigar	3
Brushes	4
Carriage and wagon materials	3
Carriages and sleds, children's	2
Cement	3
Coal-tar products	2
Cordage and twine	1
Cordials and flavoring sirups	2
Corsets	3
Cutlery and edge tools	3
Drug grinding	1
Dyeing and finishing textiles, exclusive of that done in textile mills	3
Engraving, wood	1
Explosives	1
Fire extinguishers, chemical	1
Flags and banners	2
Flavoring extracts	2
Flax and hemp, dressed	1
Furnishing goods, men's, neckwear	1
Gas machines and gas and water meters	3
Gloves and mittens, cloth, not including gloves made in textile mills	1
Gloves and mittens, leather	2
Gold and silver, reducing and refining, not from the ore	1
Hair work	1
Hardware	3
Hats, wool-felt	1
Horseshoes, not made in steel works or rolling mills	3
House-furnishing goods, not elsewhere specified	3
Ink, printing	1
Instruments, professional and scientific	3
Iron and steel, blast furnaces	2
Iron and steel, steel works and rolling mills	2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	1
Iron and steel, doors and shutters	1
Iron and steel, forgings, not made in steel works or rolling mills	1
Japanning	1
Labels and tags	1

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
5,263	26,176	58,923	.....	9,279	913	1,872,653	4,213	2,108,219	231,353	117	.....	.....	.....	.....	117	.....	1
829,001	844,441	3,088,185	480,288	263,684	214,192	4,232,697	117,952	12,994,804	8,644,155	3,050	100	.....	2	.....	2,948	8	2
658,411	421,496	2,504,139	410,846	242,715	124,332	3,990,552	95,916	10,660,511	6,574,043	2,729	100	.....	2	.....	2,627	8	3
147,458	411,031	341,036	57,844	5,459	70,570	209,977	11,507	1,854,153	1,632,669	290	.....	.....	.....	.....	290	.....	4
23,132	11,914	243,010	11,598	15,510	19,290	32,168	10,529	480,140	437,443	31	.....	.....	.....	.....	31	.....	5
1,075,169	1,502,891	3,531,693	1,169,380	257,875	424,678	5,676,389	202,352	20,088,590	14,209,849	4,550	279		373	7	3,891	47	6
188,081	434,239	556,163	31,690	37,808	173,172	1,493,580	32,577	4,012,482	2,486,325	660	.....	.....	.....	.....	660	.....	7
718,784	889,709	2,927,882	601,720	192,549	245,407	4,024,272	167,407	14,458,811	10,267,132	3,844	279	.....	371	7	3,187	47	8
168,304	178,853	47,648	535,970	27,518	6,099	158,537	2,368	1,617,297	1,456,392	46	.....	.....	2	.....	44	.....	9
14,072	2,151	10,412	.....	3,420	5,460	16,349	793	83,035	65,893	8	.....	.....	.....	.....	8	.....	10
93,107	145,923	489,246	.....	38,658	32,562	2,812,366	16,947	4,159,286	1,329,973	329	60	.....	.....	.....	209	40	11
12,405	8,720	67,249	.....	.....	2,388	29,133	13,021	185,130	142,976	599	545	.....	29	.....	25	.....	12
3,664	9,861	44,224	.....	11,050	1,110	388,900	10,824	558,369	158,645	155	.....	.....	.....	.....	155	.....	13
9,600	5,487	105,358	.....	688	7,509	100,859	5,764	341,567	234,944	196	70	.....	33	.....	93	.....	14
59,926	86,097	181,951	.....	13,105	35,733	621,373	3,976	1,180,332	554,983	101	75	.....	.....	.....	26	69	15
11,160	8,014	49,212	.....	4,868	5,285	118,925	5,697	288,041	163,419	250	.....	.....	.....	.....	250	.....	16
206,766	490,976	955,589	7,903	27,509	136,804	1,218,313	24,405	4,083,462	2,840,744	504	335	.....	5	.....	164	600	17
77,511	20,248	196,153	7,903	13,509	5,310	229,369	7,006	691,350	454,975	104	.....	.....	5	.....	99	.....	18
129,255	470,728	759,436	.....	14,000	131,494	988,944	17,399	3,392,112	2,385,769	400	335	.....	.....	.....	65	600	19
624,578	1,502,088	6,448,530	44,768	11,821	476,029	127,856,193	649,784	146,361,046	17,855,069	11,223	5,187	826	.....	535	4,675	819	20
17,846	41,810	40,615	.....	2,052	18,198	614,129	8,045	822,363	200,189	203	130	.....	.....	.....	73	5	21
5,700	1,400	43,683	.....	1,896	310	18,339	1,538	107,282	87,405	11	.....	.....	.....	.....	11	.....	22
58,429	50,491	169,027	3,940	1,070	15,033	480,703	16,209	981,413	484,501	182	.....	.....	.....	.....	182	.....	23
61,590	62,085	244,373	.....	465	45,817	725,269	103,090	1,527,526	699,167	1,643	665	.....	.....	.....	978	81	24
18,898	5,258	58,009	.....	6,225	1,771	28,523	3,180	200,231	168,528	232	.....	.....	.....	.....	232	.....	25
40,093	67,356	232,117	75,713	4,520	8,539	390,009	16,139	1,055,436	649,288	338	48	.....	.....	.....	290	.....	26
37,454	63,189	196,953	8,714	2,700	7,647	339,194	14,860	828,733	474,679	309	48	.....	.....	.....	261	.....	27
2,639	4,167	35,164	66,999	1,820	892	50,815	1,279	226,703	174,609	29	.....	.....	.....	.....	29	.....	28
250,033	700,434	3,047,348	8,594	2,806	95,421	5,454,501	170,105	9,952,606	4,328,000	8,918	2,070	.....	25	.....	6,823	1,513	29
.....	24,620	20,596	.....	6,290	591	153,532	1,069	223,983	69,382	8	.....	.....	.....	.....	8	.....	30
49,545	52,873	369,283	1,867	1,380	164,159	1,142,804	16,031	2,181,855	1,023,020	251	170	.....	.....	.....	81	323	31
76,520	91,945	741,903	1,162	38,496	349,628	1,456,932	15,441	3,205,020	1,732,647	62	.....	.....	.....	.....	62	.....	32
43,305	4,150	55,886	18,800	3,135	4,888	108,664	8,890	331,381	213,827	261	.....	.....	8	.....	253	.....	33
.....	.....	7,741	.....	1,083	262	5,274	1,164	25,277	18,839	32	.....	.....	.....	.....	32	.....	34
43,305	4,150	48,145	18,800	2,052	4,626	103,390	7,726	306,104	194,988	229	.....	.....	8	.....	221	.....	35
11,425	1,290	33,954	2,732	3,380	7,019	28,593	1,037	121,020	91,390	27	.....	.....	.....	.....	27	.....	36
21,710	8,338	95,975	300	12,871	4,203	254,763	3,638	480,834	222,433	75	.....	.....	.....	.....	75	.....	37
11,967	11,540	94,355	.....	3,042	6,656	176,840	13,378	340,166	149,948	1,115	645	.....	.....	.....	470	48	38
13,803	21,423	14,402	.....	400	9,754	267,907	3,156	385,610	114,547	32	.....	.....	.....	.....	32	.....	39
3,240	7,324	32,267	350	3,156	341	92,522	666	174,982	81,794	13	.....	.....	.....	.....	13	.....	40
30,986	4,032	39,585	.....	448	4,600	193,663	1,935	326,028	130,430	65	.....	.....	.....	.....	65	.....	41
59,200	22,690	245,806	.....	1,740	20,929	333,976	6,382	928,803	588,445	1,168	585	150	.....	.....	433	475	42
180,987	87,915	474,386	36,503	9,414	183,052	1,734,652	45,489	2,864,259	1,084,118	1,491	370	.....	25	410	686	351	43
2,652,443	1,724,434	15,822,944	84,566	124,906	4,026,620	76,530,211	5,114,666	121,362,568	39,717,691	87,209	23,947	611	28,227	9	34,415	27,989	44

Lapidary work	1
Lead, bar, pipe, and sheet	1
Leather, tanned, curried, and finished	6
Linen goods	2
Liquors, vinous	1
Lithographing	3
Lubricating greases	1
Matches	2
Mats and matting, from cocoa fiber, grass, and coir	1
Minerals and earths, ground or otherwise treated	1
Mirrors, framed and unframed, not elsewhere specified	2
Mucilage, paste, and other adhesives, not elsewhere specified	4
Musical instruments, organs	1
Musical instruments, pianos	2
Oakum	1
Oil, composite	1
Oleomargarine and other butter substitutes	1
Paper goods, not elsewhere specified	3
Petroleum, refining	1
Phonographs and graphophones	4
Photographic apparatus	2
Pottery, earthen and stone ware	1
Pulp goods	2
Pumps, not including power pumps	1
Refrigerators	2
Regalia, and society badges and emblems	1
Roofing materials	4
Rubber tires, tubes, and rubber goods, not elsewhere specified	3
Sand and emery paper and cloth	1
Shipbuilding, steel	1
Soda-water apparatus	1
Sporting and athletic goods	3
Springs, steel, automobile	2
Stationery goods, not elsewhere specified	2
Steel barrels, drums, and tanks	2
Stoves, gas and oil	3
Sugar, beet	1
Surgical appliances	2
Theatrical scenery	2
Tin plate and terneplate	1
Tobacco, smoking	4
Vault lights and ventilators	1
Vinegar	1
Washing machines and clothes wringers	1
Wheelbarrows	1
Window and door screens and weather strips	5
Wood preserving	1
Wood, turned and carved	1

[1] Same number reported for one or more other months.

[2] Same number reported throughout the year.

TABLE 30.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	**DULUTH**—All industries	226	12,513	132	525	938	446	10,472	Ja 11,174	De 9,370	9,979	8,723	1,241	12	3	*Dollars.* 71,976,186
2	Automobile bodies and parts	4	21	6	1	2	2	10	Je 15	Fe [3] 7	28	27	1	.....	.....	56,148
3	Automobile repairing	12	97	11	9	6	10	61	Au 67	Ja [3] 55	57	57	.....	.....	.....	84,672
4	Bread and other bakery products	15	187	15	10	21	7	134	De 142	Mh 122	142	86	52	4	.....	378,459
5	Cars and general shop construction and repairs by steam-railroad companies.	5	578	.....	25	3	4	546	Ja 590	Au 510	552	549	3	.....	.....	742,222
6	Coffee, roasting and grinding	3	82	.....	7	6	6	63	Au 70	No 54	58	27	31	.....	.....	519,706
7	Confectionery	12	226	17	10	38	13	148	Oc 191	Je 111	189	53	136	.....	.....	572,671
8	Copper, tin, and sheet-iron work	10	174	4	12	4	4	150	No 194	Fe 109	181	181	.....	.....	.....	586,417
9	Foundry and machine-shop products	10	749	4	39	76	14	616	Ja 650	Ap 548	623	614	9	.....	.....	4,004,220
10	Fur goods	4	35	3	2	2	3	25	Oc 33	Mh [3] 18	30	11	19	.....	.....	25,100
11	Knit goods	5	128	2	9	3	2	112	Fe 148	Je 81	119	25	93	1	.....	458,278
12	Lumber and timber products	4	599	.....	14	13	6	566	Ja 1,182	No [3] 151	761	742	19	.....	.....	1,980,289
13	Lumber, planing-mill products, not including planing mills connected with sawmills.	6	230	2	22	16	6	184	Au 213	Mh 143	196	196	.....	.....	.....	954,794
14	Printing and publishing, book and job.	19	226	15	21	7	16	167	Mh 176	Au 158	170	116	51	3	.....	442,687
15	Printing and publishing, newspapers and periodicals.	15	409	4	22	151	42	190	Se 198	Ja [3] 182	196	170	25	1	.....	687,582
16	Tobacco, cigars and cigarettes	10	69	10	2	2	2	53	De [3] 60	Mh 46	60	40	20	.....	.....	64,557
17	All other industries*	92	8,703	39	320	588	309	7,447	.....	.....	6,617	5,829	782	3	3	60,418,384

* All other industries embrace—

Artificial limbs	1
Artificial stone products	1
Awnings, tents, and sails	2
Baking powders	1
Bookbinding and blank-book making	1
Boot and shoe cut stock	1
Boot and shoe findings	1
Boots and shoes	1
Boxes, set-up paper boxes and cartons	1
Brass and bronze products	1
Brooms, from broom corn	1
Butter	3
Carriages and wagons, including repairs	1
Cars and general shop construction and repairs by electric-railroad companies	1
Cement	1
Chemicals	2
Clothing, men's	2
Coffins, burial cases, and undertakers' goods	1
Coke, not including gas-house coke	2
Condensed milk	1
Flour-mill and gristmill products	2
Food preparations, not elsewhere specified	2
Furniture	2
Gas and electric fixtures	2
Gas machines and gas and water meters	1
Glass, cutting, staining, and ornamenting	2
Hand stamps	1
Hats and caps, other than felt, straw, and wool	2
Horseshoes, not made in steel works or rolling mills	2

1	**MINNEAPOLIS**—All industries	1,421	50,760	1,102	2,399	6,179	2,026	38,154	No 40,293	Ja 35,829	40,649	31,599	8,885	136	29	239,185,093
2	Agricultural implements	5	239	1	11	15	10	202	Se 255	Ja 167	208	208	.....	.....	.....	971,500
3	Artificial limbs	9	163	9	14	21	25	94	De [3] 99	Ap 88	99	77	22	.....	.....	257,581
4	Artificial stone products	28	183	33	13	14	3	120	Oc 141	Fe 86	143	143	.....	.....	.....	489,074
5	Automobile bodies and parts	25	380	20	28	18	15	299	Au 339	Ja 238	345	335	10	.....	.....	621,343
6	Automobile repairing	103	935	107	67	30	40	691	Au 782	Ja 581	682	680	2	.....	.....	1,022,687
7	Awnings, tents, and sails	6	71	5	6	9	3	48	Je 66	Ja 35	48	24	24	.....	.....	247,130
8	Belting, leather	3	153	.....	20	14	3	116	De 143	Ap 101	143	85	2	56	.....	1,561,540
9	Bookbinding and blank-book making.	7	54	10	3	1	1	39	My 41	Mh 36	39	22	16	1	.....	89,781
10	Boots and shoes	4	167	.....	17	19	7	124	Se 148	Ja 75	138	44	94	.....	.....	473,923
11	Boxes, wooden packing, except cigar boxes.	9	203	7	12	6	3	175	Se 210	Mh 146	186	186	.....	.....	.....	290,080
12	Bread and other bakery products	115	2,190	112	75	281	124	1,598	De 1,806	Fe 1,406	1,808	1,045	753	7	3	4,789,764
13	Brooms	9	61	9	5	.....	.....	47	De 58	Ja [3] 42	58	56	2	.....	.....	90,015
14	Butter	14	232	3	28	16	24	161	No 220	Mh 115	159	144	15	.....	.....	1,312,098
15	Carpets, rag	6	24	9	1	.....	.....	14	My [3] 17	Mh 3	14	12	2	.....	.....	24,227
16	Cars and general shop construction and repairs by steam-railroad companies.	6	5,412	.....	119	109	64	5,120	Se 5,388	No 4,866	4,877	4,807	70	.....	.....	6,371,849
17	Chemicals	5	146	.....	8	58	24	56	Jy 62	Mh 50	60	60	.....	.....	.....	979,686
18	Clothing, men's	18	815	23	20	64	12	696	Oc 783	Ja 627	742	130	612	.....	.....	1,860,390
19	Clothing, women's	17	289	12	31	41	14	191	.....	.....	266	13	253	.....	.....	611,427
20	Suits, skirts, cloaks, shirt waists, dresses, and undergarments.	6	71	4	8	4	5	50	De 68	Ja 37	65	5	60	.....	.....	161,566
21	All other	11	218	8	23	37	9	141	No 204	Ja 51	201	8	193	.....	.....	449,861
22	Coffee, roasting and grinding	7	205	6	22	38	27	112	Jy 136	Oc 94	118	54	64	.....	.....	1,062,163
23	Confectionery and ice cream	38	901	37	39	102	45	678	.....	.....	774	305	467	1	1	2,084,293
24	Confectionery	34	751	35	31	94	33	558	Oc 730	Je 405	666	205	459	1	1	1,492,796
25	Ice cream	4	150	2	8	8	12	120	Jy 162	Ja 82	108	100	8	.....	.....	591,497
26	Cooperage	8	504	3	22	10	8	461	De 488	My 411	478	463	15	.....	.....	1,326,165
27	Copper, tin, and sheet-iron work	58	495	64	25	25	20	361	No 433	Ja 263	403	396	7	.....	.....	1,416,776
28	Electrical machinery, apparatus, and supplies.	17	1,182	7	51	150	76	898	De 957	Ja 871	936	595	328	13	.....	2,314,533
29	Engines, steam, gas, and water	7	1,135	1	58	420	110	546	Mh 812	Se 395	584	584	.....	.....	.....	13,783,337
30	Flour-mill and gristmill products	18	6,144	3	174	1,836	490	3,641	No 3,977	Mh 3,265	3,967	3,804	163	.....	.....	71,998,598
31	Food preparations, not elsewhere specified.	22	621	8	54	85	55	419	Oc 491	Mh 348	479	236	242	1	.....	3,331,184
32	Foundry and machine-shop products	88	2,808	53	214	250	153	2,138	.....	.....	2,331	2,314	17	.....	.....	9,148,236
33	Boiler shops and foundries	12	698	7	29	55	27	580	Oc 671	Je 421	628	624	4	.....	.....	1,917,584
34	Machine shops	70	1,635	42	153	172	107	1,161	De 1,316	Ja 1,024	1,284	1,276	8	.....	.....	6,311,876
35	Machine shop and foundry combined.	6	475	4	32	23	19	397	De 419	Ja 383	419	414	5	.....	.....	918,776
36	Fur goods	21	305	22	31	34	26	192	No 245	Fe 152	206	81	125	.....	.....	1,020,905

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 2,176,588	*Dollars.* 1,510,880	*Dollars.* 15,465,074	*Dollars.* 238,293	*Dollars.* 204,344	*Dollars.* 1,527,744	*Dollars.* 35,815,374	*Dollars.* 7,214,080	*Dollars.* 75,261,387	*Dollars.* 32,231,933	89,883	22,855	432	28,197	.....	38,399	27,011	1
1,050	3,619	31,746	.....	4,260	1,661	42,614	1,626	114,218	69,978	26	.....	.....	.....	.....	26	.....	2
14,287	9,546	93,906	1,200	12,144	3,462	47,518	4,589	214,420	162,313	84	.....	.....	.....	.....	84	.....	3
27,540	27,948	147,246	.....	10,673	6,526	601,899	16,746	1,022,106	403,461	99	.....	.....	.....	.....	99	.....	4
62,170	11,360	598,435	.....	.....	.....	327,660	66,561	1,066,186	671,965	345	120	.....	.....	.....	225	10	5
18,915	12,829	36,314	.....	13,000	25,939	2,014,543	4,658	2,309,660	290,459	167	.....	.....	.....	.....	167	.....	6
22,343	53,867	112,770	.....	17,394	21,270	319,206	7,458	682,804	356,140	76	.....	.....	.....	.....	76	.....	7
29,536	9,521	191,614	.....	5,190	16,291	380,444	5,058	613,482	227,980	247	.....	.....	.....	.....	247	.....	8
127,972	178,510	889,806	.....	2,242	343,932	1,604,842	56,588	4,071,297	2,409,867	2,348	160	.....	60	.....	2,128	.....	9
7,700	6,559	21,565	.....	6,780	4,029	20,300	220	85,718	65,198	5	.....	.....	.....	.....	5	.....	10
17,185	1,968	76,180	.....	11,139	6,674	234,484	4,906	320,429	81,039	164	.....	.....	.....	.....	164	.....	11
69,130	29,880	576,443	61,429	2,550	63,800	883,109	7,500	2,282,944	1,392,335	3,352	2,800	.....	.....	.....	552	.....	12
70,171	23,460	224,782	.....	8,622	14,533	846,513	9,521	1,362,405	506,371	858	365	.....	.....	.....	493	14	13
48,460	19,573	153,169	10,114	27,097	5,770	232,649	3,310	659,636	423,677	176	.....	.....	.....	.....	176	.....	14
64,514	190,054	281,119	57,855	17,042	36,470	358,952	8,437	1,462,402	1,095,013	423	110	.....	.....	.....	313	31	15
3,360	4,501	48,854	.....	4,200	13,750	105,956	530	225,640	119,154	2	.....	.....	.....	.....	2	.....	16
1,592,255	927,685	11,981,125	107,695	62,011	963,637	27,794,685	7,016,372	58,768,040	23,956,983	81,511	19,300	432	28,137	.....	33,642	26,956	17

House-furnishing goods, not elsewhere specified 1
Ice, manufactured 1
Iron and steel, blast furnaces 2
Iron and steel, steel works and rolling mills 1
Iron and steel, welding 1
Lime 1
Linen goods 2
Liquors, malt 3
Looking-glass and picture frames 2
Marble and stone work 3
Matches 2
Mattresses and spring beds, not elsewhere specified 1
Millinery and lace goods, not elsewhere specified 3
Mineral and soda waters 3
Models and patterns, not including paper patterns 1
Optical goods 4
Patent and proprietary medicines 1
Paving materials 1
Perfumery and cosmetics 2
Photographic apparatus 1
Roofing materials 1
Saddlery and harness 2
Shipbuilding, steel 1
Shipbuilding, wooden, repair work only 1
Show cases 1
Signs and advertising novelties 2
Slaughtering and meat packing 1
Steam fittings and steam and hot-water heating apparatus 1
Stoves, gas and oil 1
Trunks and valises 2
Woolen goods 1

8,502,510	11,494,181	41,274,916	1,128,979	1,917,727	9,713,638	358,046,681	4,787,354	491,382,975	128,548,940	113,212	41,325	15,205	388	7,370	48,924	26,812	1
24,430	28,258	153,730	253	1,619	8,736	219,916	7,192	574,314	347,206	156	60	.....	.....	.....	96	.....	2
33,754	40,365	122,643	828	12,131	6,967	103,246	3,104	464,361	358,011	84	.....	.....	10	.....	74	.....	3
23,943	29,536	168,427	17,956	2,832	4,910	210,436	13,390	590,108	366,282	333	222	.....	34	.....	77	.....	4
59,284	28,161	331,879	2,591	23,910	17,707	664,149	17,541	1,275,790	594,100	381	.....	.....	.....	.....	381	.....	5
119,491	50,211	858,475	31,576	96,058	13,004	848,298	46,332	5,388,366	4,493,736	605	.....	.....	8	.....	597	14	6
10,239	23,783	42,657	.....	10,294	12,092	232,826	1,300	383,444	149,318	33	.....	.....	.....	.....	33	.....	7
30,678	29,138	136,028	.....	11,240	33,758	1,189,164	6,584	1,808,535	612,787	120	40	.....	.....	.....	80	.....	8
1,196	982	30,847	2,791	3,278	430	19,068	1,179	96,788	76,541	26	.....	.....	.....	.....	26	.....	9
70,980	83,684	104,758	5,868	5,671	12,666	272,940	2,244	694,014	418,830	43	.....	.....	.....	.....	43	.....	10
37,092	9,312	174,367	.....	5,839	9,682	442,995	11,466	769,583	315,122	592	.....	.....	.....	.....	592	.....	11
202,525	716,633	1,372,211	1,500	98,921	93,585	7,007,975	179,629	12,404,478	5,216,874	1,759	871	.....	10	.....	878	509	12
5,475	.....	54,982	.....	980	560	131,216	1,904	232,570	99,450	48	.....	.....	.....	.....	48	.....	13
61,145	43,735	161,542	7,200	5,703	47,763	3,783,569	42,793	4,336,452	510,090	1,053	551	55	.....	.....	447	225	14
2,200	.....	11,402	200	1,356	110	4,375	1,281	34,354	28,698	44	.....	.....	.....	.....	44	.....	15
341,350	231,187	6,695,773	.....	.....	.....	4,923,898	314,444	12,498,384	7,260,042	3,570	2,395	750	90	.....	335	3,706	16
25,482	97,156	62,478	.....	50,422	38,792	244,682	50,115	723,701	428,904	735	75	.....	.....	.....	660	10	17
56,503	81,448	490,282	21,010	30,412	35,238	2,247,764	14,982	3,259,085	996,339	165	2	.....	.....	.....	163	.....	18
70,029	16,334	127,966	.....	14,909	5,121	420,196	2,883	806,127	383,048	57	.....	.....	.....	.....	57	.....	19
12,250	3,550	35,578	.....	3,680	1,018	147,567	686	249,836	101,583	17	.....	.....	.....	.....	17	.....	20
57,779	12,784	92,388	.....	11,229	4,103	272,629	2,197	556,291	281,465	40	.....	.....	.....	.....	40	.....	21
101,404	104,382	108,489	5,126	14,854	52,604	5,564,051	23,690	6,660,765	1,073,024	499	.....	.....	.....	.....	499	.....	22
168,190	239,497	540,116	.....	68,450	264,485	2,368,073	59,351	4,312,311	1,884,887	1,287	310	.....	.....	.....	977	297	23
128,978	202,992	407,090	.....	65,240	185,928	1,537,372	37,522	2,880,914	1,306,020	435	285	.....	.....	.....	150	297	24
39,212	36,505	133,026	.....	3,210	78,557	830,701	21,829	1,431,397	578,867	852	25	.....	.....	.....	827	.....	25
83,301	25,608	463,764	6,832	1,500	105,299	1,680,474	12,518	2,642,125	949,133	650	575	.....	.....	.....	75	.....	26
68,467	48,033	393,458	3,813	16,441	21,775	1,063,635	11,398	1,982,153	907,120	178	.....	.....	.....	.....	178	.....	27
250,011	297,958	707,058	7,676	13,268	159,622	1,905,100	55,979	4,200,813	2,239,734	862	.....	.....	.....	.....	862	.....	28
178,807	747,515	660,015	314,837	6,952	150,552	2,488,732	42,649	6,989,318	4,457,937	1,114	.....	.....	.....	.....	1,114	.....	29
1,006,420	2,767,178	4,979,057	.....	639,389	2,408,527	200,335,498	1,031,949	227,606,081	26,238,634	47,710	14,525	13,666	.....	7,040	12,479	15,740	30
169,200	171,385	396,324	3,663	22,805	154,080	6,392,332	69,215	9,262,637	2,801,090	2,108	125	.....	.....	.....	1,983	85	31
721,651	436,477	2,468,045	41,662	67,953	424,752	4,708,766	173,017	10,824,650	5,942,867	3,545	350	.....	47	.....	3,148	8	32
173,761	55,738	725,085	.....	18,620	200,667	1,012,311	77,638	2,411,533	1,321,584	1,037	250	.....	14	.....	773	.....	33
446,267	326,237	1,321,397	41,662	48,529	212,430	3,267,035	76,512	7,058,928	3,715,381	2,091	.....	.....	33	.....	2,058	8	34
101,623	54,502	421,063	.....	804	11,055	429,420	18,867	1,354,189	905,902	417	100	.....	.....	.....	317	.....	35
67,197	55,697	228,357	.....	30,914	34,995	537,469	4,854	1,155,959	613,636	47	.....	.....	.....	.....	47	.....	36

[a] Same number reported for one or more other months.

TABLE 30.—DETAILED STATEMENT OF ALL INDUSTRIES

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.		Wage earners. Number, 15th day of— Minimum month.		WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	MINNEAPOLIS—Con.																	*Dollars.*
1	Furniture	29	1,088	21	60	34	28	945	.....		.....		1,189	1,123	65	1	.....	2,537,801
2	Wood, including rattan and willow furniture.	21	965	12	53	33	23	844	De	1,060	Ja	641	1,076	1,010	65	1	.....	2,317,227
3	Metal furniture and store and office fixtures.	8	123	9	7	1	5	101	No	119	Ja	62	113	113	.....	.....	.....	220,574
4	Hand stamps	4	47	8	2	1	7	29	De	35	Ja	22	35	19	16	.....	.....	73,122
5	Hats and caps, other than felt, straw, and wool.	6	76	11	3	5	3	54	Se [3]	56	De	52	55	38	17	.....	.....	191,974
6	Ink, writing	3	9	.....	4	.....	1	4	(4)	4	(5)	4	4	2	2	.....	.....	7,583
7	Jewelry	13	150	18	3	9	13	107	Jy	113	Fe	98	111	103	7	1	.....	215,547
8	Looking-glass and picture frames	9	65	7	8	6	9	35	De	47	My	31	42	39	2	1	.....	215,490
9	Lumber, planing-mill products, not including planing mills connected with sawmills.	24	1,268	8	67	91	32	1,070	Oc	1,395	Ja	718	1,307	1,289	18	.....	.....	4,520,441
10	Malt	3	59	.....	7	4	1	47	Jy	77	De	18	47	47	.....	.....	.....	1,899,887
11	Marble and stone work	13	124	11	8	10	3	92	.....		.....		95	95	.....	.....	.....	186,223
12	Monuments and tombstones	8	23	9	.....	1	1	12	Au [3]	16	Ja [3]	8	15	15	.....	.....	.....	20,460
13	All other, except slate	5	101	2	8	9	2	80	Jy	106	Ja [3]	39	80	80	.....	.....	.....	156,763
14	Mattresses and spring beds, not elsewhere specified.	5	424	6	31	36	30	321	Au	379	Ja	234	361	311	50	.....	.....	1,891,351
15	Millinery and lace goods, not elsewhere specified.	13	193	12	16	5	14	146	De	182	Jy	93	164	13	150	.....	1	187,570
16	Mineral and carbonated waters	16	92	16	14	13	4	45	Jy	71	De	33	41	41	.....	.....	.....	327,957
17	Models and patterns, not including paper patterns.	9	56	11	.....	.....	1	44	De	49	Se	41	48	48	.....	.....	.....	30,032
18	Musical instruments and materials, not elsewhere specified.	3	6	3	.....	.....	.....	3	(4)	3	(4)	3	3	3	.....	.....	.....	3,240
19	Oil, linseed	3	447	.....	12	39	27	369	Jy	428	My	329	371	365	6	.....	.....	9,379,483
20	Optical goods	5	100	.....	10	22	17	51	(4)	51	(4)	51	51	51	.....	.....	.....	225,361
21	Paints	6	155	2	18	50	15	70	Jy	80	No	54	63	47	16	.....	.....	1,515,847
22	Patent medicines and compounds	22	428	12	42	107	82	185	.....		.....		187	80	101	3	3	1,220,084
23	Patent and proprietary medicines.	12	274	9	19	83	65	98	Oc	118	Au	85	105	42	61	1	1	807,588
24	Patent and proprietary compounds, not elsewhere specified.	10	154	3	23	24	17	87	Jy	110	Ja	64	82	38	40	2	2	413,096
25	Paving materials	3	72	.....	5	5	.....	62	Jy	99	Ja [3]	22	90	90	.....	.....	.....	410,149
26	Perfumery and cosmetics	13	152	6	6	113	6	21	Se	28	Fe	17	26	13	13	.....	.....	98,575
27	Photo-engraving	7	295	4	14	26	20	231	De	235	Ja	226	235	203	32	.....	.....	1,218,646
28	Printing and publishing, book and job.	130	1,801	106	115	125	122	1,333	.....		.....		1,455	1,068	365	20	2	3,398,530
29	Job printing	123	1,704	100	108	119	115	1,262	De	1,377	Ja	1,201	1,384	1,008	354	20	2	3,221,093
30	Book publishing without printing, linotype work and typesetting.	7	97	6	7	6	7	71	Je	74	Ja	67	71	60	11	.....	.....	177,437
31	Printing and publishing, newspapers and periodicals.	79	1,686	45	127	496	259	759	.....		.....		789	690	87	8	4	6,637,744
32	Printing and publishing	7	660	2	34	181	86	357	No	375	Se	346	359	310	49	.....	.....	3,718,323
33	Printing, publishing, and job printing.	17	797	12	39	250	108	388	No	430	Jy	371	412	377	28	7	.....	2,723,343
34	Publishing without printing	55	229	31	54	65	65	14	(4)	14	(4)	14	18	3	10	1	4	196,078
35	Saddlery and harness	16	191	16	11	21	6	137	De	159	Ja	91	160	158	1	1	.....	335,478
36	Shirts	4	81	.....	9	22	2	48	My	54	Jy	37	51	10	40	1	.....	120,920
37	Signs and advertising novelties	20	360	13	20	9	14	304	No	407	Ja	143	303	143	250	.....	.....	380,389
38	Stoves and hot-air furnaces	4	36	3	2	5	1	25	Se	39	Ja	16	36	36	.....	.....	.....	62,517
39	Structural ironwork, not made in steel works or rolling mills.	11	2,644	8	57	421	102	2,056	De	2,296	Je	1,656	2,301	2,286	15	.....	.....	12,380,554
40	Tobacco, cigars	32	253	31	18	9	2	193	No [3]	211	Fe	181	212	111	98	3	.....	259,146
41	Trunks and valises	8	67	7	8	2	2	48	No [3]	60	Ja	33	59	53	5	1	.....	102,014
42	All other industries *	235	12,318	153	534	827	721	10,083	.....		.....		10,377	6,121	4,224	17	15	58,684,053

*All other industries embrace—

Ammunition	1
Asbestos products, not including steam packing	1
Automobiles	2
Babbitt and type metal	3
Bags, other than paper, not including bags made in textile mills	2
Baking powders	1
Baskets, and rattan and willow ware	1
Blacking, stains, and dressings	1
Bluing	2
Boxes, cigar	1
Boxes, set-up paper boxes and cartons	6
Brass and bronze products	3
Brick, building and fire	2
Brushes	2
Carriages and sleds, children's	2
Carriages and wagons, including repairs	8
Cars and general shop construction and repairs by electric-railroad companies	1
Cheese	1
Cleansing and polishing preparations	4
Coal-tar products	1
Coffins, burial cases, and undertakers' goods	2
Condensed milk	1
Cordials and flavoring sirups	1
Corsets	1
Cutlery and edge tools	1
Dairymen's, poultrymen's, and apiarists' supplies	2
Dental goods	6
Drug grinding	1
Druggists' preparations	3
Dyeing and finishing textiles, exclusive of that done in textile mills	2
Electroplating	5
Engraving and diesinking	2
Engraving, steel and copper plate, including plate printing	6
Envelopes	2
Fancy articles, not elsewhere specified	4
Fire extinguishers, chemical	1
Flags and banners	1
Flavoring extracts	2
Furnishing goods, men's, neckwear	1
Furs, dressed	1
Gas and electric fixtures	2
Gas, illuminating and heating	1
Glass, cutting, staining, and ornamenting	7
Gloves and mittens, leather	2
Hardware	3
Ice, manufactured	1
Instruments, professional and scientific	2
Iron and steel, steel works and rolling mills	1
Iron and steel, doors and shutters	1
Iron and steel, forgings, not made in steel works or rolling mills	1
Iron and steel, welding	8
Japanning	1
Knit goods	7

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Expenses. Salaries and wages. Officials.	Salaries and wages. Clerks, etc.	Salaries and wages. Wage earners.	For contract work.	Rent and taxes. Rent of factory.	Rent and taxes. Taxes, Federal, state, county, and local.	For materials. Principal materials.	For materials. Fuel and rent of power.	Value of products.	Value added by manufacture.	Power. Primary horsepower. Total.	Owned. Steam engines (not turbines).	Owned. Steam turbines.	Owned. Internal-combustion engines.	Owned. Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
271,900	99,851	1,011,688	1,203	33,716	81,881	1,958,365	41,467	4,196,167	2,196,335	1,443	860	.....	.....	.....	583	25	1
221,087	91,983	886,385	953	28,267	78,696	1,826,774	34,020	3,844,178	1,983,384	1,234	785	.....	.....	.....	449	25	2
50,813	7,868	125,303	250	5,449	3,185	131,591	7,447	351,989	212,951	209	75	.....	.....	.....	134	.....	3
10,000	5,920	30,288	.....	8,287	710	36,947	1,303	124,716	86,466	21	.....	.....	.....	.....	21	.....	4
5,000	10,593	53,418	.....	6,123	227	147,280	738	254,648	106,630	8	.....	.....	.....	.....	8	.....	5
5,240	600	3,231	.....	920	75	7,623	386	27,545	19,536	.....	.....	.....	.....	.....	.....	.....	6
8,400	14,328	122,659	.....	9,104	1,645	217,497	1,366	512,615	293,752	36	.....	.....	.....	.....	36	.....	7
18,147	18,681	37,289	.....	10,433	3,018	164,900	1,808	304,358	137,650	36	.....	.....	.....	.....	36	.....	8
155,787	164,248	1,268,097	3,135	5,471	85,322	2,863,610	44,585	5,420,155	2,511,960	3,630	2,885	.....	20	.....	725	92	9
30,600	7,015	67,984	.....	.....	23,593	347,887	74,149	618,112	196,076	1,732	1,282	.....	.....	.....	450	1,048	10
26,075	17,368	119,970	3,966	2,083	2,314	157,565	12,682	478,531	308,284	988	65	.....	10	.....	918	.....	11
.....	786	14,465	3,966	1,090	186	25,605	1,001	70,535	43,929	52	.....	.....	10	.....	42	.....	12
26,075	16,582	105,505	.....	993	2,128	131,980	11,681	407,996	264,355	936	65	.....	.....	.....	871	.....	13
98,620	113,061	327,334	.....	4,065	22,535	1,814,804	26,071	2,846,993	1,006,118	1,369	375	.....	.....	.....	994	.....	14
28,768	19,491	102,240	.....	10,405	2,375	243,903	1,909	501,570	255,758	49	.....	.....	.....	.....	49	.....	15
24,313	18,289	54,789	.....	5,093	21,691	180,160	3,113	336,163	152,890	56	.....	.....	6	.....	50	.....	16
.....	97	66,154	.....	3,368	250	18,696	1,733	140,022	119,593	47	.....	.....	.....	.....	47	.....	17
.....	.....	3,914	.....	905	76	926	115	9,981	8,940	5	.....	.....	.....	.....	5	.....	18
270,916	85,772	491,017	.....	.....	111,608	22,017,606	134,924	25,044,475	2,891,945	3,222	1,600	.....	.....	.....	1,622	.....	19
26,219	38,147	55,866	1,659	11,150	10,375	215,984	970	448,100	231,146	23	.....	.....	.....	.....	23	.....	20
53,398	101,513	77,619	.....	5,209	145,416	1,007,962	9,780	1,593,043	575,301	223	.....	.....	.....	.....	223	.....	21
158,663	267,766	132,217	1,965	25,016	194,138	1,003,507	8,368	2,388,819	1,376,944	111	.....	.....	7	.....	104	.....	22
75,800	221,377	83,761	145	16,500	184,273	530,431	4,549	1,611,401	1,067,421	71	.....	.....	.....	.....	71	.....	23
82,863	40,389	48,456	1,820	8,516	9,865	464,076	3,819	777,418	309,523	40	.....	.....	7	.....	33	.....	24
19,480	8,452	62,079	23,557	4,352	115,910	58,700	18,178	254,699	177,821	1,209	274	.....	10	.....	925	.....	25
10,643	9,378	16,692	1,964	6,021	2,704	90,517	1,012	165,254	73,725	7	.....	.....	.....	.....	7	.....	26
54,514	59,631	232,965	1,261	13,995	5,377	200,083	2,672	627,313	424,558	54	.....	.....	.....	.....	54	.....	27
314,202	250,540	1,442,001	123,292	145,749	57,050	2,208,878	54,029	5,816,417	3,553,510	1,254	.....	.....	2	.....	1,252	7	28
305,438	231,425	1,340,629	110,417	137,406	56,303	2,189,735	47,351	5,578,018	3,340,932	1,242	.....	.....	2	.....	1,240	7	29
8,764	19,115	101,372	12,875	8,343	747	19,143	6,678	238,399	212,578	12	.....	.....	.....	.....	12	.....	30
393,450	878,492	952,831	317,867	76,053	179,995	2,398,882	52,961	7,477,616	5,025,773	1,451	150	.....	.....	.....	1,301	.....	31
149,122	327,443	382,370	29,581	32,356	136,091	1,213,465	24,397	3,042,720	1,804,858	501	.....	.....	.....	.....	501	.....	32
153,102	429,357	561,424	18,187	30,379	42,668	1,130,356	28,544	3,624,396	2,465,496	950	150	.....	.....	.....	800	.....	33
91,226	121,692	9,037	270,099	13,318	1,236	55,061	20	810,500	755,419	.....	.....	.....	.....	.....	.....	.....	34
33,800	89,388	158,812	.....	12,936	10,382	867,859	3,959	1,287,034	415,216	83	.....	.....	.....	.....	83	.....	35
16,220	35,450	38,108	.....	3,720	2,631	105,692	664	260,258	153,902	11	.....	.....	.....	.....	11	.....	36
80,813	21,712	247,461	7,623	15,942	10,091	287,620	5,222	893,478	600,636	78	.....	5	.....	.....	73	.....	37
1,139	4,167	39,204	65,724	1,770	851	65,297	1,013	236,287	169,977	31	.....	.....	.....	.....	31	.....	38
225,856	700,869	2,894,521	.....	444	91,695	5,178,808	158,121	9,439,820	4,102,891	8,777	2,070	.....	15	.....	6,692	1,513	39
40,684	18,095	164,295	.....	6,884	81,564	258,204	2,818	651,869	390,847	33	.....	.....	.....	.....	33	.....	40
15,356	2,978	59,415	300	9,871	2,722	167,313	2,248	309,230	139,669	53	.....	.....	.....	.....	53	.....	41
2,113,863	2,028,636	8,804,728	100,081	220,541	4,327,605	63,742,763	1,916,007	96,740,421	31,081,651	19,368	11,663	734	114	330	6,527	3,533	42

Labels and tags 1
Lapidary work 1
Leather goods, not elsewhere specified 4
Liquors, malt 3
Lithographing 2
Lumber and timber products 1
Machine tools 3
Mirrors, framed and unframed, not elsewhere specified 2
Mucilage and paste 2
Oil, composite 1
Oleomargarine and other butter substitutes 1
Paper and wood pulp 1
Petroleum, refining 1
Phonographs and graphophones 2
Photographic apparatus 1
Photographic materials 5
Pickles, preserves, and sauces 5
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments 8
Printing materials 2
Pulp goods 2
Pumps, not including power pumps 1
Rubber tires, tubes, and rubber goods, not elsewhere specified 3
Sand-lime brick 1
Sausage, not made in slaughtering and meat-packing establishments 4
Shipbuilding, wooden, including boat building 1
Show cases 3
Soap 1
Soda-water apparatus 1
Sporting and athletic goods 1
Springs, steel, automobile 1
Statuary and art goods 4
Steam fittings and steam and hot-water heating apparatus 5
Steel barrels, drums, and tanks 1
Stereotyping and electrotyping 2
Stoves, gas and oil 1
Surgical appliances 1
Suspenders, garters, and elastic woven goods 1
Theatrical scenery 1
Tin plate and terneplate 1
Tinware, not elsewhere specified 1
Tobacco, smoking 1
Tools, machinists' 1
Toys and games 3
Upholstering materials, excelsior 2
Varnishes 2
Vinegar 1
Wheelbarrows 1
Window and door screens and weather strips 3
Window shades and fixtures 4
Wirework, including woven-wire fencing, not elsewhere specified 2
Wooden goods, not elsewhere specified 4
Woolen goods 1

[3] Same number reported for one or more other months.
[4] Same number reported throughout the year.

TABLE 30.—DETAILED STATEMENT OF ALL INDUSTRIES

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female	Capital.
1	ST. PAUL—All industries	818	20,068	673	1,522	2,534	1,690	22,649	No 24,165	Ja 21,518	23,985	17,593	6,352	31	9	Dollars. 110,561,035
2	Artificial stone products	11	75	10	5	2	1	57	Jy 73	De 29	65	65	.....	.....	.....	143,303
3	Automobile bodies and parts	11	122	10	14	6	2	90	Oc 107	Fe 73	100	97	3	.....	.....	263,909
4	Automobile repairing	66	400	76	24	19	13	268	Jy 294	Ja [2] 224	278	277	1	.....	.....	410,979
5	Awnings, tents, and sails	5	29	7	.....	1	2	19	My [2] 26	Ja [2] 14	27	16	11	.....	.....	57,058
6	Bookbinding and blank-book making	7	83	8	1	1	1	72	Au 77	Se [2] 70	77	29	48	.....	.....	73,238
7	Boots and shoes	6	1,452	4	39	154	64	1,191	No 1,297	Mh 1,118	1,255	749	506	.....	.....	7,089,540
8	Boxes, wooden packing, except cigar boxes.	7	339	5	22	8	2	302	Au 336	Ja 270	302	277	6	19	.....	1,149,793
9	Brass, bronze, and copper products	6	181	3	10	6	4	158	De 189	Jy 142	196	184	12	.....	.....	597,729
10	Bread and other bakery products	68	1,040	62	58	97	78	745	De 795	Mh [2] 707	782	469	313	.....	.....	2,153,594
11	Brooms.	7	35	9	.....	1	1	24	Oc [2] 26	Ap [2] 22	28	26	.....	2	.....	43,616
12	Butter	11	250	4	24	35	58	129	Je [2] 150	Fe 111	123	102	21	.....	.....	1,461,002
13	Carriages and wagons, including repairs.	8	324	5	15	10	5	289	Oc 321	Je 261	320	316	4	.....	.....	1,183,446
14	Cars and general shop construction and repairs by steam-railroad companies.	12	4,208	.....	88	68	36	4,016	Ja 4,154	Au 3,722	4,028	3,922	106	.....	.....	9,080,355
15	Clothing, men's	9	557	6	16	32	19	484	De 664	Mh [2] 360	651	93	558	.....	.....	816,349
16	Confectionery and ice cream	19	674	12	20	54	23	565	No 736	Fe 468	675	190	485	.....	.....	1,857,070
17	Copper, tin, and sheet-iron work	21	240	21	24	16	11	168	Au 223	Fe 98	202	202	.....	.....	.....	519,647
18	Envelopes	3	99	2	5	3	3	86	Oc 114	Ja 32	90	23	67	.....	.....	152,864
19	Flour-mill and gristmill products	4	145	.....	10	20	10	105	De 113	My 96	130	130	.....	.....	.....	1,633,757
20	Food preparations, not elsewhere specified.	10	234	6	22	19	14	173	Oc 191	Ja 157	199	111	88	.....	.....	1,621,029
21	Foundry and machine-shop products	33	2,503	28	104	122	71	2,178	.....	.....	2,252	2,207	44	1	.....	7,584,917
22	Boiler shops and foundries	7	620	7	20	34	10	549	De 713	Mh 399	708	667	41	.....	.....	1,675,078
23	All other	26	1,883	21	84	88	61	1,629	Ja 1,840	Je 1,440	1,544	1,540	3	1	.....	5,909,839
24	Fur goods	12	954	10	34	206	75	629	De 745	Fe 551	678	264	413	1	.....	3,270,713
25	Furniture	16	233	14	15	10	9	185	.....	.....	205	193	8	4	.....	603,596
26	Wood, including rattan and willow	7	116	6	6	4	4	96	De 111	Fe 87	103	91	8	4	.....	296,025
27	Store and office fixtures	9	117	8	9	6	5	89	No 103	Fe 77	102	102	.....	.....	.....	307,571
28	Gas and electric fixtures	3	33	.....	4	4	1	24	(4) 24	(4) 24	24	18	6	.....	.....	72,307
29	Knit goods	3	20	4	.....	2	.....	14	Jy 17	Mh 11	16	5	11	.....	.....	87,323
30	Leather goods, not elsewhere specified.	6	555	.....	23	58	19	455	No 551	Ap 394	461	171	290	.....	.....	1,506,577
31	Lumber, planing-mill products, not including planing mills connected with sawmills.	12	479	16	31	45	31	356	Je 448	Ja 266	372	370	2	.....	.....	1,604,006
32	Marble and stone work	13	151	8	18	11	4	110	.....	.....	127	126	1	.....	.....	391,686
33	Monuments and tombstones	8	31	6	5	2	2	16	My [2] 19	Ja [2] 13	15	15	.....	.....	.....	104,070
34	All other, except slate	5	120	2	13	9	2	94	Oc 122	Fe 68	112	111	1	.....	.....	287,616
35	Mineral and soda waters	9	70	6	11	17	7	29	Jy 45	Ja [2] 21	26	24	2	.....	.....	173,559
36	Patent medicines and compounds	17	158	10	24	35	28	61	.....	.....	57	29	28	.....	.....	630,012
37	Patent and proprietary medicines	12	146	7	22	35	26	56	Au 67	Ja 46	52	24	28	.....	.....	612,061
38	Patent and proprietary compounds, not elsewhere specified.	5	12	3	2	.....	2	5	Au [2] 6	Ja [2] 5	5	5	.....	.....	.....	17,951
39	Printing and publishing, book and job.	82	2,091	90	145	213	279	1,364	.....	.....	1,423	828	594	1	.....	6,149,088
40	Job printing	74	1,199	84	94	76	76	869	No 910	Ja 818	864	575	288	1	.....	2,502,182
41	Book printing and publishing, linotype work and typesetting.	8	892	6	51	137	203	495	De 558	Fe 467	559	253	306	.....	.....	3,646,906
42	Printing and publishing, newspapers and periodicals.	48	1,434	22	89	195	256	872	.....	.....	901	656	245	.....	.....	2,561,045
43	Printing, publishing, and job printing.	16	1,200	8	66	174	188	854	De 884	Ja 829	878	641	237	.....	.....	2,426,561
44	Publishing without printing	32	144	14	23	21	68	18	De 23	Fe [2] 17	23	15	8	.....	.....	134,484
45	Sausage, not made in slaughtering and meat-packing establishments.	6	37	7	3	4	2	21	Je [2] 22	Ja [2] 20	21	21	.....	.....	.....	27,256
46	Structural ironwork, not made in steel works or rolling mills.	7	136	2	9	6	4	115	De [2] 148	Je 83	141	139	2	.....	.....	442,687
47	Tobacco, cigars	34	429	31	12	21	7	358	Ap 372	Jy 338	364	177	187	.....	.....	639,254
48	All other industries *	226	9,298	175	603	1,033	550	6,937	.....	.....	7,389	5,087	2,290	3	9	54,505,731

* All other industries embrace—

Agricultural implements	2
Artificial limbs	2
Automobiles	1
Bags, other than paper, not including bags made in textile mills	2
Billiard tables and accessories	1
Blacking, stains, and dressings	1
Boot and shoe cut stock	1
Boxes, cigar	2
Boxes, set-up paper boxes and cartons	4
Brick	1
Brushes, paint and varnish	1
Buttons	1
Carpets, rag	3
Carriage and wagon materials	1
Cars and general shop construction and repairs by electric-railroad companies	1
Chemicals	1
Cleansing preparations	1
Clothing, women's	3
Coffee, roasting and grinding	3
Coffins, burial cases, and undertakers' goods	1
Cooperage	1
Cordage and twine	1
Cordials and flavoring sirups	1
Cutlery and edge tools	1
Dairymen's, poultrymen's, and apiarists' supplies	1
Dental goods	2
Druggists' preparations	2
Dyeing and finishing textiles, exclusive of that done in textile mills	1
Electrical machinery, apparatus, and supplies	2
Electroplating	2
Engines, steam, gas, and water	2
Engraving and diesinking	3
Engraving, steel and copper plate, including plate printing	1
Engraving, wood	1
Flags and banners	1
Furs, dressed	3
Gas, illuminating and heating	2
Glass, cutting, staining, and ornamenting	6
Gold and silver, reducing and refining, not from the ore	1
Hair work	1
Hand stamps	5
Hats and caps, other than felt, straw, and wool	3
Hats, wool-felt	1
House-furnishing goods, not elsewhere specified	2
Ice, manufactured	1
Ink, printing	1
Instruments, medical and surgical	1
Jewelry	8
Lead, bar, pipe, and sheet	1
Liquors, malt	3
Liquors, vinous	1

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars. 4,534,416	*Dollars.* 5,098,044	*Dollars.* 24,449,322	*Dollars.* 672,181	*Dollars.* 783,192	*Dollars.* 4,740,660	*Dollars.* 83,267,081	*Dollars.* 1,903,379	*Dollars.* 149,638,290	*Dollars.* 64,467,830	40,845	18,934	1,733	284	.....	19,894	13,965	1
9,038	3,225	75,013	.....	504	1,707	68,381	3,806	180,122	107,935	97	.....	.....	27	.....	70	.....	2
20,645	7,124	86,043	.....	7,064	3,628	123,943	7,067	335,224	204,214	183	.....	.....	.....	.....	183	.....	3
38,399	27,264	366,885	11,900	53,662	7,057	347,440	19,093	990,300	623,767	207	.....	.....	2	.....	205	.....	4
.....	3,749	16,265	.....	2,400	230	49,654	705	105,820	55,461	11	.....	.....	.....	.....	11	.....	5
2,100	1,778	55,242	.....	3,812	1,085	45,059	1,358	126,039	79,622	21	.....	.....	.....	.....	21	.....	6
189,634	364,684	1,164,383	.....	26,785	168,649	4,843,287	33,759	7,776,683	2,899,637	1,308	.....	.....	.....	.....	1,308	.....	7
80,414	8,514	279,248	.....	2,250	25,721	813,985	15,885	1,429,361	599,491	1,091	791	.....	.....	.....	300	40	8
25,480	10,465	168,495	.....	2,700	12,988	297,197	21,646	626,966	308,123	331	.....	.....	.....	.....	331	.....	9
150,085	194,641	595,723	1,900	73,633	46,455	3,629,744	82,936	5,599,146	1,886,466	815	370	.....	.....	.....	445	247	10
.....	2,100	29,061	.....	1,344	170	79,908	472	133,656	53,276	21	.....	.....	2	.....	19	.....	11
78,004	86,799	145,815	295	12,502	35,315	7,916,309	39,654	9,038,459	1,082,496	928	615	.....	.....	.....	313	411	12
33,417	31,585	312,907	.....	4,595	45,581	682,205	17,968	1,378,738	678,565	605	500	.....	.....	.....	105	565	13
241,379	110,935	5,247,804	.....	.....	.....	2,291,856	223,910	8,068,846	5,553,080	2,471	2,444	.....	12	.....	15	4,225	14
44 289	48,498	349,429	2,421	13,577	27,669	1,077,146	6,027	1,821,916	738,743	356	224	.....	.....	.....	132	22	15
65,584	172,181	381,756	600	39,683	201,135	1,912,035	30,830	3,481,190	1,538,325	537	215	.....	.....	.....	322	55	16
45,026	12,398	199,449	4,038	7,285	8,487	375,039	6,202	793,219	411,978	121	.....	.....	2	.....	119	.....	17
10,735	8,575	54,315	.....	8,066	2,505	108,431	1,738	208,116	97,947	55	.....	.....	.....	.....	55	.....	18
36,725	36,201	120,026	.....	5,200	28,871	6,135,047	39,736	6,589,872	415,089	1,191	125	.....	.....	.....	1,066	.....	19
67,048	42,007	146,503	36,000	14,806	147,530	3,721,722	32,348	5,073,392	1,319,322	498	114	.....	.....	.....	384	60	20
325,309	350,267	2,701,645	16	16,452	310,810	3,521,273	311,298	12,079,703	8,247,132	3,399	710	1,333	10	.....	1,346	4,150	21
86,231	48,950	778,950	16	2,400	192,820	1,290,355	184,316	3,479,343	2,004,672	1,178	225	.....	.....	.....	953	.....	22
239,078	301,317	1,922,695	.....	14,052	117,990	2,230,918	126,982	8,600,360	6,242,400	2,221	485	1,333	10	.....	393	4,150	23
190,673	364,446	797,085	4,203	74,716	275,993	4,473,596	15,503	6,581,868	2,092,769	441	.....	.....	.....	.....	441	.....	24
49,358	37,328	213,921	100	11,140	10,143	330,524	12,219	802,031	459,288	306	100	.....	.....	.....	206	1	25
28,790	15,372	96,784	.....	9,700	4,552	147,986	5,416	383,811	230,409	130	100	.....	.....	.....	30	1	26
20,568	21,056	117,137	100	1,440	5,591	182,538	6,803	418,220	228,879	176	.....	.....	.....	.....	176	.....	27
5,325	3,801	23,898	4,860	3,544	698	52,977	965	120,958	67,016	20	.....	.....	.....	.....	7	.....	28
.....	1,000	12,536	.....	500	260	88,299	728	125,752	36,725	7	.....	.....	.....	.....	7	.....	29
157,200	132,607	458,341	.....	14,554	79,805	1,893,731	6,467	3,070,485	1,170,287	109	.....	.....	.....	.....	109	.....	30
80,141	284,486	355,976	.....	8,233	35,006	1,413,623	26,598	2,506,654	1,066,433	2,194	1,120	.....	.....	.....	1,074	17	31
32,457	11,036	143,573	16,000	9,714	5,976	211,258	16,571	550,622	322,793	930	95	.....	3	.....	832	.....	32
7,810	4,830	21,893	.....	1,596	1,059	48,034	1,551	117,340	67,755	76	.....	.....	3	.....	73	.....	33
24,647	6,206	121,080	16,000	8,118	4,917	163,224	15,020	433,282	255,038	854	95	.....	.....	.....	759	.....	34
18,555	27,326	27,604	.....	4,853	25,996	116,208	3,223	209,218	149,787	61	.....	.....	11	.....	50	.....	35
81,695	94,357	51,613	7,884	7,307	32,153	253,914	3,854	948,593	690,825	151	6	.....	.....	.....	145	.....	36
74,495	92,758	43,661	7,884	6,227	31,896	240,437	3,742	909,598	665,419	145	.....	.....	.....	.....	145	.....	37
7,200	1,599	7,952	.....	1,140	257	13,477	112	38,995	25,406	6	6	.....	.....	.....	.....	.....	38
429,854	543,017	1,333,944	291,172	71,298	144,663	1,541,928	49,492	5,824,289	4,232,869	1,389	100	.....	.....	.....	1,289	1	39
268,028	140,799	860,798	235,414	60,472	55,882	1,327,971	36,005	3,761,636	2,397,660	1,087	100	.....	.....	.....	987	1	40
161,826	402,218	473,146	55,758	10,826	88,781	213,957	13,487	2,062,653	1,835,209	302	.....	.....	.....	.....	302	.....	41
337,342	272,014	1,083,311	237,959	73,548	134,667	1,784,582	33,010	6,579,475	4,761,883	677	.....	.....	.....	.....	677	.....	42
275,368	231,527	1,062,658	55,242	62,348	130,394	1,704,966	32,937	5,978,593	4,240,690	675	.....	.....	.....	.....	675	.....	43
61,974	40,487	20,653	182,717	11,200	4,273	79,616	73	600,882	521,193	2	.....	.....	.....	.....	2	.....	44
2,000	3,000	26,551	.....	1,800	676	195,763	5,080	277,889	77,046	77	.....	.....	.....	.....	77	.....	45
24,177	8,505	140,181	7,639	2,362	3,555	260,044	11,740	481,488	209,704	125	.....	.....	.....	.....	125	.....	46
27,792	62,379	289,348	421	14,039	144,319	601,760	4,015	1,249,836	644,061	18	.....	.....	.....	.....	18	.....	47
1,634,446	1,729,752	6,995,433	44,773	189,204	2,771,157	32,009,213	817,476	54,412,364	21,585,675	20,094	11,405	400	215	.....	8,074	4,171	48

Lithographing 1
Looking-glass and picture frames 1
Lubricating greases 1
Mats and matting, from cocoa fiber, grass, and coir 1
Mattresses and spring beds, not elsewhere specified 3
Millinery and lace goods, not elsewhere specified 7
Models and patterns, not including paper patterns 6
Mucilage, paste, and other adhesives, not elsewhere specified 2
Musical instruments, pianos 1
Oil, linseed 2
Optical goods 1
Paints 3
Paper and wood pulp 1
Paper goods, not elsewhere specified 2
Paving materials 1
Perfumery and cosmetics 3
Phonographs and graphophones 1
Photo-engraving 4
Photographic materials 1
Pickles and sauces 3
Printing materials 2
Refrigerators 2
Regalia, and society badges and emblems 1
Roofing materials 3
Saddlery and harness 8
Sand and emery paper and cloth 1
Shipbuilding, wooden, small boats 2
Shirts 4
Show cases 1
Signs and advertising novelties 9
Slaughtering and meat packing 3
Soap 6
Sporting and athletic goods 2
Stationery goods, not elsewhere specified 1
Statuary and art goods 1
Steam packing 3
Steel barrels, drums, and tanks 1
Stereotyping and electrotyping 2
Stoves and hot-air furnaces 4
Stoves, gas and oil 1
Surgical appliances 1
Suspenders, garters, and elastic woven goods 2
Theatrical scenery 1
Tinware, not elsewhere specified 4
Tobacco, smoking 2
Tools, not elsewhere specified 4
Toys and games 1
Trunks and valises 4
Upholstering materials, not elsewhere specified 1
Varnishes 3
Window shades and fixtures 2
Wirework, not elsewere specified 2
Wood, turned and carved 1
Wooden goods, not elsewhere specified 1

[3] Same number reported for one or more other months.
[4] Same number reported throughout the year.

TABLE 30.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.		Male.	Female.	Male.	Female.	
CITIES OF 10,000 TO 50,000 INHABITANTS[2]—ALL INDUSTRIES COMBINED.															
1 FARIBAULT	53	1,001	42	60	54	42	806	Au 948	Fe 717	955	696	244	14	1	Dollars. 4,424,890
2 HIBBING	16	75	16	4	2	3	50	Je 53	Ja 45	53	38	15	.....	.....	398,872
3 MANKATO	56	1,037	55	73	77	61	771	No 862	Ja 692	863	692	170	1	.....	6,365,977
4 ROCHESTER	41	439	49	23	8	.....	359	No 381	Ja 334	379	320	59	.....	.....	2,172,002
5 ST. CLOUD	72	2,336	58	99	88	93	1,998	Oc 2,145	De 1,898	1,990	1,886	81	23	.....	8,596,608
6 WINONA	73	3,054	54	154	200	112	2,534	De 2,842	Ap 2,345	2,874	2,027	843	1	3	17,441,370

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.						
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.
											Owned.					
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	
CITIES OF 10,000 TO 50,000 INHABITANTS[3]—ALL INDUSTRIES COMBINED.																
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*							
158,968	118,580	688,298	3,266	21,705	132,656	7,953,981	124,703	10,155,358	2,076,674	2,823	1,525	.....	.....	310	988	514
5,696	4,710	67,600	400	5,620	4,845	151,975	15,706	320,427	152,746	63	.....	.....	.....	.....	63	.....
170,950	187,356	728,045	431	10,605	118,303	7,812,388	139,657	9,766,306	1,814,261	3,291	1,755	40	2	6	1,488	618
59,966	19,181	336,700	108	12,769	49,612	1,235,536	71,273	2,250,242	943,433	1,368	729	25	114	50	450	256
281,543	292,509	2,328,409	5,844	16,858	81,620	4,261,828	205,396	7,733,764	3,266,540	6,883	1,620	.....	102	600	4,561	100
457,532	475,218	2,161,363	74,181	24,786	478,269	18,896,561	376,545	25,119,522	5,846,416	10,458	3,150	.....	2	.....	7,306	680

[3] Excludes Austin and Virginia to avoid disclosure of individual operations.

MISSISSIPPI.

GENERAL STATISTICS.

General character of the state.—Mississippi has a gross area of 46,865 square miles, of which 46,362 represent land surface. The inhabitants of the state in 1900 numbered 1,551,270; in 1910, 1,797,114; and in 1920, 1,790,618. In total population Mississippi ranked twenty-third among the states in 1920, and in density of population twenty-sixth. The number of inhabitants per square mile in 1910 was 38.8, the corresponding figures for 1920 being 38.6.

There were in the state in 1920 nine cities having more than 10,000 inhabitants—Biloxi, Columbus, Greenville, Hattiesburg, Jackson, Laurel, Meridian, Natchez, and Vicksburg. These nine cities, with a combined population in that year of 136,201, or 7.6 per cent of the total population for Mississippi, reported 24.9 per cent of the value of the state's manufactured products in 1919.

Importance and growth of manufactures (Table 1).—The large increases in wages, cost of materials, and value of products, as presented in Table 1, are largely due to the change in industrial conditions brought about by the World War, and, therefore, can not properly be used to measure the growth of manufactures during the census period 1914–1919. However, the increases in the average number of wage earners and horsepower are significant evidences of the growth of the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the exceptional increase in "rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for other censuses with those for 1919.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products may not always be satisfactory as indicating their importance from a manufacturing standpoint. The ranking of many industries would change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919, was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 29.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 200 or more wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products, for cities of 10,000 inhabitants or more (Table 6).—The proportion of female wage earners in the state is small, but 5.2 per cent in 1919. Biloxi is the only city in the state showing a larger proportion of female wage earners (59.6 per cent) in 1919 than of males; this is due to the extensive employment of females in the canning industry in that city.

Wage earners, by months (Table 7).—The statistics for wage earners are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined and for the nine cities having 10,000 inhabitants or more. Although there were several industries in the state in which the females predominated, the canning industry is the only one of importance in this class.

Prevailing hours of labor (Table 9).—The figures presented in this table show a shortening of the working day since the census of 1914. In that year 7.2 per cent of the wage earners was included in the group "48 and under" as against 18.5 per cent in 1919, while in the "60" and "over 60" groups there was 75.2 per cent of the total average number of wage earners in 1914, as compared with 67.7 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 95.3 per cent was in the several classes having fewer than 101 wage earners, while such establishments employed only 42.2 per cent of the total number of wage earners. On the other hand, the number of establishments having more than 100 wage earners formed only 4.7 per cent, but reported 57.8 per cent of the average number of wage earners in the state.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at $100,000 to $1,000,000 constituted one group, but at the census of 1919 this group was subdivided into "$100,000 to $500,000" and "$500,000 to $1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for all items for 1909, and for the average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12.)—In the preparation of this table it was necessary in several instances to combine the establishments of one group with those of another group, to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 14).—Corporate ownership in 1914 reported 22.3 per cent of the total number of establishments in the state, 74.7 per cent of the average number of wage earners, and 79.2 per cent of the value of products. The corresponding proportions for 1919 were 20.3 per cent, 72.8 per cent, and 75.5 per cent, respectively. There was an increase of 7,018, or 20.1 per cent, in the average number of wage earners under corporate ownership, while the value of products increased $86,390,163, or 137.2 per cent, from 1914 to 1919.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows relatively the importance of the manufactures in the nine cities in the state as to value of products. Combined these cities reported 24.9 per cent of the total for the state in 1919, as compared with 23.4 per cent in 1914. The proportion of wage earners for the nine cities was also greater in 1919, being 20.5 per cent, as against 17.4 per cent in 1914.

Number and horsepower of types of prime movers (Table 16).—There was an increase in both the owned and rented power from 1914 to 1919, and although rented power formed but a small proportion of the total power in the state, the percentage that rented power formed of the total was greater in 1919 than in 1914. During this five-year period the owned power increased 7,503 horsepower, or 4.2 per cent, and rented power 6,877 horsepower, or 101 per cent.

Fuel consumed (Table 17).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	2,455	2,209	2,598	1,520	1,294	11.1	−15.0	70.9	17.5
Persons engaged	64,452	52,277	56,761	42,066	(2)	23.3	−7.9	32.1	.....
Proprietors and firm members	2,811	2,386	2,974	1,588	(2)	17.8	−19.8	87.3	.....
Salaried employees	4,081	3,189	3,403	2,688	1,260	28.0	−6.3	26.6	113.3
Wage earners (average number)	57,560	46,702	50,384	38,690	26,799	23.2	−7.3	30.2	44.4
Primary horsepower	209,814	186,434	206,222	110,338	65,738	7.7	−9.6	86.9	67.8
Capital	$154,117,337	$81,005,484	$72,393,485	$50,256,309	$22,712,186	90.3	11.9	44.0	121.3
Salaries and wages	59,182,535	23,007,760	22,421,367	17,417,380	9,002,544	157.2	2.6	28.7	93.5
Salaries	7,926,819	3,831,133	3,653,644	2,598,346	1,092,937	106.9	4.8	40.6	137.7
Wages	51,255,716	19,176,627	18,767,723	14,819,034	7,909,607	167.3	2.2	26.6	87.4
Paid for contract work	2,084,155	2,075,852	2,591,240	1,150,796	(2)	29.3	−19.9	125.2	.....
Rent and taxes	4,598,382	1,320,197	804,930	[3] 454,506	(2)	248.3	64.0	.....	.....
Cost of materials	96,677,871	41,340,122	36,925,582	25,800,885	16,543,029	133.9	12.0	43.1	56.0
Value of products	197,746,987	79,550,095	80,555,410	57,451,445	33,718,517	148.6	−1.2	40.2	70.4
Value added by manufacture [4]	101,069,116	38,209,973	43,629,828	31,650,560	17,175,488	164.5	−12.4	37.8	84.3

[1] A minus sign (−) denotes decrease. [2] Figures not available. [3] Exclusive of internal revenue. [4] Value of products less cost of materials.

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	2,455	57,560	$51,255,716	$4,598,382	$96,677,871	$197,746,987	$101,069,116	200,814
Adams	30	1,300	921,646	35,248	1,605,172	2,875,937	1,270,765	2,607
Alcorn	60	598	409,351	25,281	2,238,583	3,106,969	868,386	2,727
Amite	14	401	754,307	13,124	251,958	1,407,385	1,155,427	2,654
Attala	51	787	527,773	34,155	1,692,084	2,881,089	1,189,005	3,554
Benton	11	19	14,585	154	8,365	35,940	27,575	324
Bolivar	46	446	405,218	20,794	1,481,947	2,401,570	919,623	1,708
Calhoun	38	79	50,898	671	45,562	202,623	157,061	1,212
Carroll	8	36	9,720	1,735	162,287	185,664	23,377	428
Chickasaw	22	176	134,381	13,265	324,843	655,808	330,965	988
Choctaw	26	153	106,429	2,601	232,153	472,243	240,090	970
Claiborne	8	135	102,310	65,622	1,293,723	1,595,404	301,681	534
Clarke	42	1,493	1,275,909	225,885	1,714,880	4,001,471	2,286,591	5,356
Clay	21	206	162,475	14,365	528,908	897,675	368,767	982
Coahoma	36	317	286,737	74,889	3,699,120	4,667,962	968,842	3,038
Copiah	35	506	358,591	31,001	1,486,372	2,277,690	791,318	2,180
Covington	10	1,119	757,506	57,859	714,117	1,719,318	1,005,201	1,815
De Soto	9	8	3,400	628	22,418	42,566	20,148	325
Forrest	48	2,029	1,784,784	207,612	3,099,897	6,949,968	3,850,071	7,443
Franklin	15	849	811,713	81,213	375,292	1,743,312	1,368,020	2,385
Greene	25	979	926,751	65,366	1,136,446	3,368,341	2,231,895	2,392
Grenada	13	178	177,896	17,644	900,326	1,369,881	469,555	852
Hancock	16	1,449	1,061,531	78,817	639,947	2,306,529	1,666,582	2,939
Harrison	81	2,722	2,028,292	151,671	3,164,751	6,591,693	3,426,942	5,677
Hinds	82	1,779	1,418,530	227,657	9,827,591	13,789,266	3,961,675	7,620
Holmes	23	322	280,483	9,866	554,856	1,005,209	450,353	1,084
Humphreys	11	575	620,134	145,034	774,202	2,320,153	1,545,951	1,640
Itawamba	52	126	93,120	1,230	82,951	299,598	216,647	1,525
Jackson	38	2,833	4,054,319	93,959	3,133,023	8,407,789	5,274,766	8,106
Jasper	32	514	375,951	10,604	223,004	1,169,637	946,633	1,937
Jefferson	17	271	198,106	21,760	90,424	634,497	544,073	2,521
Jefferson Davis	4	5	4,110	140	8,620	19,630	11,010	102
Jones	56	3,517	3,286,386	535,946	4,201,138	10,807,074	6,605,936	13,973
Kemper	61	667	548,154	48,993	425,147	1,593,852	1,168,705	3,768
Lafayette	18	28	24,289	897	21,231	163,816	142,585	489
Lamar	14	1,948	1,830,441	243,349	1,128,426	4,752,595	3,624,169	5,573
Lauderdale	85	2,670	2,440,329	268,284	6,252,394	10,736,358	4,483,964	7,334
Lawrence	11	216	181,912	13,177	113,029	529,369	416,340	298
Leake	23	32	21,017	642	24,793	90,930	66,137	746
Lee	22	343	236,850	103,456	1,320,555	1,983,790	663,235	1,184
Leflore	37	483	460,344	66,283	5,315,370	6,748,555	1,433,185	3,953
Lincoln	23	804	651,604	119,197	1,966,499	3,406,938	1,440,439	2,308
Lowndes	55	1,331	947,906	59,891	1,849,554	3,595,766	1,746,212	3,936
Madison	16	286	256,996	4,328	182,755	691,903	509,148	1,416
Marion	34	1,750	1,563,724	155,988	1,581,066	4,594,501	3,013,435	3,013
Marshall	13	59	38,257	3,048	318,093	391,231	73,138	394
Monroe	96	461	363,099	23,147	927,857	1,973,838	1,045,981	3,870
Montgomery	19	225	144,109	82,834	1,087,370	1,575,574	488,204	1,046
Neshoba	34	613	603,706	26,216	508,612	1,691,156	1,182,544	2,312
Newton	52	695	536,813	41,581	1,174,553	2,538,694	1,364,141	3,106
Noxubee	45	463	396,002	11,235	653,252	1,326,241	672,989	2,090
Oktibbeha	23	212	143,926	5,223	634,037	965,919	331,882	1,208
Panola	15	646	672,249	88,252	502,037	2,145,827	1,643,790	1,997
Pearl River	18	1,927	1,929,316	111,894	2,198,401	5,434,437	3,236,036	3,697
Perry	17	695	744,575	40,916	289,866	1,588,376	1,298,510	1,011
Pike	32	2,427	2,689,936	53,968	2,238,578	5,591,173	3,352,595	3,796
Pontotoc	31	81	54,675	3,162	379,772	502,607	122,835	1,013
Prentiss	24	173	106,928	1,999	146,788	398,754	251,966	873
Quitman	6	55	69,373	2,577	32,290	144,227	111,937	250
Rankin	31	590	449,525	.....	284,894	1,049,398	764,504	2,393
Scott	24	924	791,802	23,022	618,120	2,552,500	1,934,380	3,206
Sharkey	5	199	150,507	5,376	781,741	902,720	120,979	595
Simpson	23	1,296	1,023,928	151,776	1,090,977	3,146,700	2,055,723	4,757
Smith	11	62	42,840	1,072	26,472	123,145	96,673	355
Stone	8	989	688,474	67,445	725,968	1,930,012	1,204,044	2,930
Sunflower	45	470	461,298	20,309	1,330,155	2,456,399	1,126,244	2,142
Tallahatchie	27	1,030	857,891	49,917	1,607,287	3,524,128	1,916,841	3,710
Tate	9	42	23,748	6,052	289,732	365,995	76,263	530
Tippah	35	84	52,384	967	74,707	284,500	209,793	1,012
Tishomingo	84	257	158,539	2,430	265,779	699,552	433,773	2,214
Tunica	9	113	87,599	3,678	423,201	589,682	166,481	420
Union	31	128	94,005	7,166	280,502	615,919	335,417	1,108
Walthall	12	156	166,648	35,159	117,055	367,806	250,751	692
Warren	46	2,056	1,979,072	113,235	2,820,206	6,368,506	3,548,300	6,003
Washington	52	1,208	1,024,903	149,590	5,889,503	9,400,726	3,511,223	6,533
Wayne	22	682	429,053	5,228	359,865	1,309,078	949,213	9601
Webster	48	130	71,828	1,068	89,127	282,023	192,896	1,711
Wilkinson	6	12	5,860	.....	8,246	28,143	19,897	53
Winston	74	743	546,084	26,317	853,002	2,424,689	1,571,687	3,917
Yalobusha	16	566	722,396	14,149	570,283	1,499,590	929,307	732
Yazoo	29	554	429,777	66,096	1,075,329	2,285,231	1,209,902	2,340
All other counties[1]	4	52	27,083	1,497	108,435	174,227	65,792	224

[1] All other counties include George and Issaquena.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries	2,455	57,560	100.0	$197,747	100.0	$101,069	100.0
Lumber and timber products	1,435	35,512	61.7	87,508	44.3	61,063	60.4
Oil and cake, cottonseed	49	2,454	4.3	39,202	19.8	5,461	5.4
Cars and general shop construction and repairs by steam-railroad companies	13	4,030	7.0	10,226	5.2	6,167	6.1
Cotton goods	15	2,406	4.2	8,067	4.1	3,093	3.1
Lumber, planing-mill products, not including planing mills connected with sawmills	65	1,102	1.9	5,933	3.0	2,445	2.4
Turpentine and rosin	45	2,495	4.3	5,548	2.8	4,257	4.2
Fertilizers	9	370	0.6	3,627	1.8	959	0.9
Mineral and carbonated waters	68	440	0.8	3,333	1.7	1,624	1.6
Butter	19	106	0.2	2,248	1.1	353	0.3
Bread and other bakery products	82	295	0.5	2,189	1.1	739	0.7
Flour-mill and gristmill products	54	61	0.1	2,092	1.1	195	0.2
Foundry and machine-shop products	43	460	0.8	1,786	0.9	935	0.9
Food preparations, not elsewhere specified	7	81	0.1	1,684	0.9	260	0.3
Ice, manufactured	50	447	0.8	1,515	0.8	940	0.9
Printing and publishing, newspapers and periodicals	156	412	0.7	$1,348	0.7	$1,030	1.0
Confectionery and ice cream	21	158	0.3	1,211	0.6	505	0.5
Wood preserving	4	206	0.4	1,184	0.6	493	0.5
Boxes, wooden packing, except cigar boxes	4	821	1.4	1,059	0.5	543	0.5
Shipbuilding, wooden, including boat building	9	248	0.4	1,028	0.5	610	0.6
Carriages and wagons, including repairs	14	187	0.3	933	0.5	557	0.6
Brick, sewer pipe, and draintile	28	472	0.8	925	0.5	633	0.6
Canning and preserving, fish	11	481	0.8	882	0.4	256	0.3
Canning and preserving, oysters	7	364	0.6	797	0.4	366	0.4
Automobile repairing	76	177	0.3	686	0.3	510	0.5
Printing and publishing, book and job	37	183	0.3	662	0.3	428	0.4
Canning and preserving, vegetables	10	249	0.4	624	0.3	164	0.2
Coffee, roasting and grinding	7	28	0.1	620	0.3	147	0.1
Copper, tin, and sheet-iron work	14	84	0.2	462	0.2	309	0.3
Gas, illuminating and heating	7	122	0.2	411	0.2	207	0.2
All other industries [1]	96	3,109	5.4	9,957	5.0	5,814	5.8

[1] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are four having products in excess of some for which figures are shown in the table. These industries are as follows: "Clothing, men's"; "furniture"; "paper and wood pulp"; and "shipbuilding, steel."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	64,452	60,866	3,586	94.4	5.6
	1914	52,277	50,010	2,267	95.7	4.3
	1909	56,761	54,057	2,704	95.2	4.8
Proprietors and officials	1919	5,012	4,894	118	97.6	2.4
	1914	3,806	3,755	51	98.7	1.3
	1909	4,665	4,603	62	98.7	1.3
Proprietors and firm members	1919	2,811	2,719	92	96.7	3.3
	1914	2,386	2,340	46	98.1	1.9
	1909	2,974	2,918	56	98.1	1.9
Salaried officers of corporations	1919	554	544	10	98.2	1.8
	1914	376	373	3	99.2	0.8
	1909	305	302	3	99.0	1.0
Superintendents and managers	1919	1,647	1,631	16	99.0	1.0
	1914	1,044	1,042	2	99.8	0.2
	1909	1,386	1,383	3	99.8	0.2
Clerks and other subordinate salaried employees	1919	1,880	1,379	501	73.4	26.6
	1914	1,769	1,576	193	89.1	10.9
	1909	1,712	1,556	156	90.9	9.1
Wage earners (average number)	1919	57,560	54,593	2,967	94.8	5.2
	1914	46,702	44,679	2,023	95.7	4.3
	1909	50,384	47,898	2,486	95.1	4.9
16 years of age and over	1919	57,080	54,254	2,826	95.0	5.0
	1914	46,069	44,165	1,904	95.9	4.1
	1909	49,326	47,287	2,039	95.9	4.1
Under 16 years of age	1919	480	339	141	70.6	29.4
	1914	633	514	119	81.2	18.8
	1909	1,058	611	447	57.8	42.2

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	57,560	94.3	4.9	0.8
	1914	46,702	94.6	4.1	1.3
	1909	50,384	93.9	4.0	2.1
Boxes, wooden packing, except cigar boxes	1919	821	91.3	8.8	.....
	1914	213	85.4	10.8	3.8
Bread and other bakery products	1919	295	87.8	7.8	4.4
	1914	306	93.4	2.5	4.1
Brick, sewer pipe, and draintile	1919	472	97.0	.....	3.0
	1914	551	94.4	1.1	4.5
Canning and preserving, fish	1919	481	26.8	71.3	1.9
	1914	791	36.2	59.4	4.4
Canning and preserving, oysters [1]	1919	364	24.2	75.3	0.5
Canning and preserving, vegetables	1919	249	43.8	55.4	0.8
	1914	82	52.4	43.9	3.7
Cars and general shop construction and repairs by steam-railroad companies.	1919	4,030	99.4	0.6	.....
	1914	3,278	99.4	0.6	.....
Cotton goods	1919	2,406	49.7	45.1	5.2
	1914	1,989	50.2	40.3	9.5
Fertilizers	1919	370	99.7	0.3	.....
	1914	379	100.0	.....	.....
Foundry and machine-shop products	1919	460	99.1	0.7	0.2
	1914	423	99.2	0.5	0.3
Ice, manufactured	1919	447	99.8	0.2	.....
	1914	476	96.2	.....	3.8
Lumber and timber products	1919	35,512	99.3	0.5	0.2
	1914	28,490	99.6	(2)	0.4
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,102	98.6	1.0	0.4
	1914	937	99.5	.....	0.5
Mineral and carbonated waters	1919	440	93.4	5.2	1.4
	1914	308	94.1	2.3	3.6
Oil and cake, cottonseed	1919	2,454	96.0	1.0	3.1
	1914	2,336	99.5	0.2	0.3
Printing and publishing, newspapers and periodicals.	1919	412	74.0	17.2	8.7
	1914	563	73.9	9.4	16.7
Shipbuilding, wooden, including boat building.	1919	248	100.0	.....	.....
	1914	65	100.0	.....	.....
Turpentine and rosin	1919	2,495	97.2	1.3	1.5
	1914	3,275	98.1	0.6	1.3
Wood preserving	1919	206	100.0	.....	.....
	1914	241	100.0	.....	.....
All other industries	1919	4,296	85.8	12.2	2.0
	1914	1,999	74.5	22.0	3.6

[1] Not shown separately in 1914.

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

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. Total.			16 years of age and over. Male.			Female.			Under 16 years of age.			VALUE OF PRODUCTS.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
Biloxi	787	.....	.....	317	.....	.....	468	.....	.....	2	.....	.....	$1,941,629	.....	.....
Columbus	549	521	.....	465	455	.....	72	49	.....	12	17	.....	2,150,568	$1,248,543	.....
Greenville	822	671	.....	765	667	.....	55	1	.....	2	3	.....	4,419,662	1,935,153	.....
Hattiesburg	1,267	587	648	1,256	560	645	8	4	3	3	23	.....	4,533,382	1,133,927	$1,250,892
Jackson	1,326	943	772	1,231	895	740	55	23	15	40	25	17	11,401,869	3,625,068	2,959,812
Laurel	2,223	2,129	.....	2,005	1,868	.....	179	173	.....	39	88	.....	8,182,357	3,372,292	.....
Meridian	2,165	1,974	1,524	1,821	1,722	1,366	265	204	120	79	48	38	9,589,986	4,738,763	4,237,476
Natchez	1,180	297	428	1,001	264	333	179	16	72	.....	17	23	2,717,187	895,913	1,114,087
Vicksburg	1,455	1,009	1,202	1,367	947	1,172	84	54	17	4	8	13	4,336,392	1,672,907	2,229,344

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909	MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909
January	54,573	48,363	49,148	84.3	100.0	87.1	July	55,793	46,143	47,237	86.2	95.4	83.7
February	53,177	47,519	49,511	82.1	98.3	87.7	August	59,933	47,304	50,341	92.6	97.8	89.2
March	53,870	47,810	49,839	83.2	98.9	88.3	September	63,160	48,010	53,195	97.6	99.3	94.3
April	*52,653*	47,290	47,851	81.3	97.8	84.8	October	**64,736**	47,774	55,387	100.0	98.8	**98.1**
May	53,185	45,296	*45,178*	82.2	93.7	80.1	November	63,823	45,881	**56,436**	98.6	94.9	100.0
June	52,920	45,097	45,198	81.7	93.2	80.1	December	62,897	*43,937*	55,285	97.2	90.8	98.0

[1] The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by **bold-faced** figures, minimum by *italic* figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	57,560	54,573	53,177	53,870	*52,653*	53,185	52,920	55,703	59,933	63,160	**64,736**	63,823	62,897	81.3
Males	54,593	51,333	50,042	50,825	*49,689*	50,568	50,717	53,563	57,056	60,174	**61,249**	60,389	59,511	81.1
Females	2,967	3,240	3,135	3,045	2,964	2,617	*2,203*	2,230	2,877	2,986	**3,487**	3,434	3,386	63.2
Boxes, wooden packing, except cigar boxes	821	754	706	*651*	720	840	869	881	871	855	864	896	**936**	69.6
Bread and other bakery products	295	*283*	287	290	295	292	290	289	292	304	**308**	305	305	91.9
Brick, sewer pipe, and draintile	472	*335*	348	369	480	512	540	555	**612**	573	501	458	381	54.7
Canning and preserving, fish	481	534	588	562	535	254	*74*	82	621	611	**671**	627	613	11.0
Canning and preserving, oysters	364	498	490	**514**	489	271	9	*6*	321	313	498	477	482	1.2
Canning and preserving, vegetables	249	348	114	72	77	*65*	96	114	117	266	545	**624**	550	10.4
Cars and general shop construction and repairs by steam-railroad companies	4,030	4,206	4,052	4,130	4,054	3,926	3,789	*3,746*	3,793	3,996	4,129	4,252	**4,287**	87.4
Cotton goods	2,406	**2,540**	2,498	2,427	2,370	2,428	2,308	2,332	*2,297*	2,343	2,405	2,449	2,475	90.4
Fertilizers	370	513	542	**592**	548	332	*241*	266	276	280	273	269	308	40.7
Foundry and machine-shop products	460	426	433	*417*	439	450	454	464	489	488	473	481	**506**	82.4
Ice, manufactured	447	*302*	332	332	420	510	539	593	**623**	578	447	360	328	48.5
Lumber and timber products	35,512	32,257	31,185	31,931	*31,042*	32,167	32,588	35,007	38,276	40,328	40,678	39,843	**40,842**	76.0
Lumber, planing-mill products, not including planing mills connected with sawmills	1,102	*970*	981	1,000	1,026	1,059	1,085	1,137	1,164	1,207	1,187	1,195	**1,213**	80.0
Mineral and carbonated waters	440	360	*355*	380	402	439	487	**510**	**510**	506	470	444	417	69.6
Oil and cake, cottonseed	2,454	3,216	3,055	2,547	2,123	1,678	1,521	1,524	*1,496*	2,392	3,289	3,288	**3,319**	45.1
Printing and publishing, newspapers and periodicals	412	*400*	406	401	404	407	413	410	414	412	421	427	**429**	93.2
Shipbuilding, wooden, including boat building	248	596	592	472	279	319	228	128	75	*65*	76	75	71	10.9
Turpentine and rosin	2,495	2,201	2,248	2,486	2,646	2,623	2,572	2,682	**2,685**	2,662	2,495	2,451	*2,189*	81.5
Wood preserving	206	204	207	206	209	**227**	222	204	215	188	198	210	*183*	80.2
All other industries	4,296	3,630	3,758	4,091	4,086	4,386	4,595	**4,863**	4,786	4,793	4,808	4,602	*3,064*	63.0
Industries showing large proportion of females.														
Boxes, wooden packing, except cigar boxes	72	61	74	69	82	61	83	64	73	*56*	79	72	**90**	62.2
Canning and preserving, fish	345	389	442	417	395	182	*30*	35	454	417	**489**	453	437	6.1
Canning and preserving, oysters	275	365	368	366	360	*202*	.....	.....	264	263	385	358	309	52.5
Canning and preserving, vegetables	138	167	61	39	*36*	38	48	43	37	141	340	378	328	9.5
Cotton goods	1,152	**1,252**	1,190	1,155	1,130	1,170	1,099	1,122	*1,097*	1,117	1,157	1,164	1,171	87.6
Printing and publishing, newspapers and periodicals	72	*68*	70	69	*68*	72	74	72	73	73	**75**	**75**	**75**	90.7
Total for cities	11,774	12,034	11,558	11,491	11,372	11,092	*10,663*	11,020	11,842	12,294	**12,734**	12,603	12,685	83.0
Males	10,310	10,473	9,993	9,955	9,842	9,750	*9,544*	10,009	10,343	10,826	11,031	10,910	**11,044**	86.4
Females	1,464	1,561	1,565	1,536	1,530	1,342	1,019	*1,011*	1,499	1,468	**1,703**	1,693	1,641	59.4
BILOXI	787	906	953	934	915	648	*211*	225	813	798	**1,067**	995	979	19.8
Males	318	355	345	358	348	263	*180*	189	301	325	**398**	385	369	45.2
Females	469	551	608	576	567	385	*31*	36	512	473	**669**	610	610	4.6
COLUMBUS	549	632	618	523	500	479	*434*	502	521	573	623	612	571	68.7
Males	470	532	518	430	430	409	*363*	430	446	495	**545**	541	501	66.6
Females	79	**100**	**100**	93	*70*	*70*	71	72	75	78	78	71	*70*	70.0
GREENVILLE	822	813	844	*723*	779	775	739	758	900	789	910	882	**952**	75.9
Males	767	758	788	*673*	721	717	688	705	839	732	857	829	**897**	75.0
Females	55	55	56	*50*	58	58	51	53	**61**	57	53	53	55	82.0
HATTIESBURG	1,267	**1,347**	1,299	1,318	1,289	1,238	1,237	1,217	*1,189*	1,208	1,245	1,263	1,264	88.3
Males	1,259	**1,341**	1,293	1,312	1,283	1,232	1,231	1,210	*1,179*	1,287	1,233	1,253	1,254	87.9
Females	8	*6*	*6*	*6*	*6*	*6*	*6*	7	10	11	**12**	10	10	50.0
JACKSON	1,326	1,392	1,326	1,294	1,153	1,116	*1,094*	1,233	1,249	1,534	**1,551**	1,474	1,496	70.5
Males	1,265	1,330	1,269	1,235	1,096	1,052	*1,033*	1,173	1,189	1,479	**1,486**	1,411	1,427	69.5
Females	61	62	57	59	57	64	61	60	60	*55*	65	63	**69**	79.7
LAUREL	2,223	2,225	*1,880*	1,882	1,920	2,016	2,043	2,407	2,445	2,437	2,487	2,444	**2,490**	75.5
Males	2,029	2,019	*1,694*	*1,694*	1,733	1,827	1,853	2,217	2,256	2,246	**2,294**	2,228	2,287	73.8
Females	194	206	*186*	188	187	189	190	190	189	191	193	**216**	203	86.1
MERIDIAN	2,165	2,256	2,245	2,322	2,295	2,188	2,112	2,010	*1,995*	2,134	2,110	2,149	2,164	85.9
Males	1,830	1,899	1,931	**2,001**	1,964	1,856	1,772	1,663	*1,656*	1,793	1,777	1,811	1,837	82.8
Females	335	**357**	*314*	321	331	332	340	347	339	341	333	338	327	88.0
NATCHEZ	1,180	1,055	*1,048*	1,083	1,154	1,178	1,226	1,236	1,226	1,190	1,211	1,240	**1,313**	79.8
Males	1,001	891	*875*	907	967	1,013	1,035	1,065	1,050	1,028	1,020	1,053	**1,108**	79.0
Females	179	164	173	176	187	165	191	171	176	*162*	191	187	**205**	79.0
VICKSBURG	1,455	1,408	*1,345*	1,412	1,367	1,454	1,467	1,432	1,504	1,541	1,530	**1,544**	1,456	87.1
Males	1,371	1,348	*1,280*	1,345	1,300	1,381	1,389	1,357	1,427	**1,441**	1,421	1,399	1,364	88.8
Females	84	*60*	65	67	67	73	78	75	77	100	109	**145**	92	41.4

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	57,560	4,340	2,695	3,613	2,592	3,001	2,363	35,921	3,035
	1914	46,702	(2)	(2)	3,345	2,291	4,369	1,573	32,149	2,975
	1909	50,384	(2)	(2)	2,794	982	2,924	1,555	22,957	19,172
Boxes, wooden packing, except cigar boxes	1919	821	.....	.....	.....	.....	.....	120	701	.....
	1914	213	.....	.....	.....	.....	.....	108	105	.....
Bread and other bakery products	1919	295	3	.....	81	.....	47	17	109	38
	1914	306	(2)	(2)	4	4	5	38	135	120
Brick, sewer pipe, and draintile	1919	472	14	.....	67	9	47	33	301	1
	1914	551	(2)	(2)	53	12	53	.....	433	.....
Canning and preserving, fish	1919	481	.....	.....	251	.....	100	.....	130	.....
	1914	791	(2)	(2)	496	.....	83	.....	212	.....
Canning and preserving, oysters [3]	1919	364	18	.....	234	.....	104	.....	8	.....
Canning and preserving, vegetables	1919	249	.....	.....	.....	18	17	91	123	.....
	1914	82	.....	.....	.....	.....	5	45	32	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	4,030	.....	2,426	1,579	.....	.....	.....	25	.....
	1914	3,278	.....	.....	.....	948	2,296	.....	34	.....
Cotton goods	1919	2,406	.....	.....	.....	.....	127	220	2,059	.....
	1914	1,989	.....	.....	.....	.....	65	.....	1,924	.....
Fertilizers	1919	370	.....	.....	.....	.....	12	119	186	53
	1914	379	.....	.....	.....	.....	63	.....	152	164
Foundry and machine-shop products	1919	460	.....	.....	51	.....	298	11	100	.....
	1914	423	(2)	(2)	20	12	173	5	212	1
Ice, manufactured	1919	447	.....	.....	28	.....	13	25	102	279
	1914	476	(2)	(2)	25	.....	5	21	106	319
Lumber and timber products	1919	35,512	2,327	164	410	2,288	970	1,372	27,483	498
	1914	28,490	(2)	(2)	474	815	662	917	25,201	421
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,102	105	.....	43	115	204	179	456	.....
	1914	937	(2)	(2)	1	22	237	88	589	.....
Mineral and carbonated waters	1919	440	20	17	32	.....	98	6	267	.....
	1914	308	(2)	(2)	12	1	21	17	257	.....
Oil and cake, cottonseed	1919	2,454	.....	.....	.....	67	113	.....	393	1,881
	1914	2,336	.....	.....	.....	26	43	173	334	1,760
Printing and publishing, newspapers and periodicals	1919	412	6	.....	241	11	57	18	76	3
	1914	563	(2)	(2)	275	21	145	6	116	.....
Shipbuilding, wooden, including boat building	1919	248	153	.....	27	.....	64	.....	4	.....
	1914	65	.....	.....	.....	.....	61	.....	4	.....
Turpentine and rosin	1919	2,495	40	14	4	19	259	.....	2,150	.....
	1914	3,275	(2)	(2)	1,494	405	9	50	1,240	77
Wood preserving	1919	206	.....	.....	.....	.....	18	.....	84	104
	1914	241	.....	.....	.....	.....	.....	.....	241	.....
All other industries	1919	4,296	1,645	74	565	65	453	152	1,164	178
	1914	1,999	(2)	(2)	491	25	443	105	822	113
Total for cities	1919	11,774	103	798	1,981	201	733	400	6,706	852
	1914	8,131	(2)	(2)	385	166	2,079	276	4,378	847
BILOXI [3]	1919	787	18	.....	349	.....	175	.....	185	60
COLUMBUS	1919	549	28	.....	95	35	3	4	314	70
	1914	521	(2)	(2)	1	22	160	6	267	65
GREENVILLE	1919	822	.....	.....	12	.....	64	15	552	179
	1914	671	(2)	(2)	7	.....	17	14	466	167
HATTIESBURG	1919	1,267	.....	.....	261	.....	103	125	774	4
	1914	587	(2)	(2)	36	3	241	6	171	130
JACKSON	1919	1,326	.....	91	123	.....	110	74	523	405
	1914	943	(2)	(2)	90	109	252	129	158	205
LAUREL	1919	2,223	9	.....	13	67	88	6	2,040	.....
	1914	2,129	(2)	(2)	44	6	11	.....	2,052	16
MERIDIAN	1919	2,165	48	.....	1,030	85	104	60	813	25
	1914	1,974	(2)	(2)	107	26	703	57	1,027	54
NATCHEZ	1919	1,180	.....	.....	9	14	28	88	992	49
	1914	297	(2)	(2)	35	.....	27	51	96	88
VICKSBURG	1919	1,455	.....	707	89	.....	58	28	513	60
	1914	1,009	(2)	(2)	65	.....	668	13	141	122

[1] Includes 48 and under for 1914 and 1909.

[2] Corresponding figures not available.

[3] Not shown separately in 1914.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	2,455	57,560	158	1,272	2,853	597	6,705	208	6,999	105	7,750	74	11,884	24	8,569	14	9,088	3	3,712
Boxes, wooden packing, except cigar boxes	4	821								2	171	1	120			1	530		
Bread and other bakery products	82	295	6	53	111	23	184												
Brick, sewer pipe, and draintile	28	472	2	9	35	10	105	6	216			1	116						
Canning and preserving, fish	11	481		1	4	3	43	4	116	1	59	2	259						
Canning and preserving, oysters	7	364				2	26	2	47	2	160	1	131						
Canning and preserving, vegetables	10	249				6	95	4	154										
Cars and general shop construction and repairs by steam-railroad companies	13	4,030				1	14	3	109	3	258	2	353	1	463	1	707	2	2,126
Cottongoods	15	2,406								6	416	8	1,502	1	488				
Fertilizers	9	370		2	5	1	8	2	77	4	280								
Foundry and machine-shop products	43	460	2	18	44	17	220	6	196										
Ice, manufactured	50	447		27	88	19	239	4	120										
Lumber and timber products	1,435	35,512	15	823	1,777	360	4,021	108	3,619	53	3,944	44	7,264	20	7,036	12	7,851		
Lumber, planing-mill products, not including planing mills connected with sawmills	65	1,102		19	41	32	404	12	392			2	265						
Mineral and carbonated waters	68	440	2	42	132	22	242	2	66										
Oil and cake, cottonseed	49	2,454				6	101	24	937	17	1,171	2	245						
Printing and publishing, newspapers and periodicals	156	412	38	100	197	16	158	2	57										
Shipbuilding, wooden, including boat building	9	248	1	5	15			1	23	1	57	1	153						
Turpentine and rosin	45	2,495	1	7	12	11	145	9	342	10	859	6	861	1	276				
Wood preserving	4	206				1	18	1	24	1	61	1	103						
All other industries	352	4,296	91	166	392	67	682	18	504	5	314	3	512	1	306			1	1,586
Total for cities	316	11,774	25	86	236	115	1,306	48	1,447	19	1,415	14	2,243	3	884	5	3,235	1	1,008
BILOXI	33	787	2	9	24	10	119	8	225	2	160	2	259						
COLUMBUS	27	549	7	6	18	8	82	3	101	1	83	2	265						
GREENVILLE	32	822	3	10	23	13	143	1	25	4	302			1	329				
HATTIESBURG	36	1,267	2	13	31	14	140	4	136	1	91	1	165			1	704		
JACKSON	55	1,326	6	12	41	20	241	9	268	5	386	3	390						
LAUREL	23	2,223		6	18	5	39	5	160	3	195	1	248	1	269	2	1,294		
MERIDIAN	54	2,165	2	17	48	18	214	12	356	2	117	2	422					1	1,008
NATCHEZ	22	1,180	1	4	10	12	132	1	38	1	81	2	389			1	530		
VICKSBURG	34	1,455	2	9	23	15	196	5	138			1	105	1	286	1	707		

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	2,455	2,209	2,598	57,560	46,702	50,384	$197,746,987	$79,550,095	$80,555,410	$101,069,116	$38,209,073	$43,629,828
Less than $5,000	759	1,083	1,156	869	2,600	3,260	1,882,744	2,321,838	2,573,206	1,337,938	1,655,479	1,918,351
$5,000 to $20,000	749	617	785	3,411	5,156	6,838	7,626,893	6,294,551	8,089,215	5,383,955	4,069,108	5,717,616
$20,000 to $100,000	593	320	467	9,175	8,779	12,679	25,086,780	13,739,910	19,633,830	15,792,497	7,815,467	12,336,122
$100,000 to $500,000	257	166	190	17,755	[1] 30,167	27,607	58,806,959	39,694,048	50,259,159	30,504,697	[1] 24,669,919	23,657,739
$500,000 to $1,000,000	59	[1] 23		11,115			43,400,086	[1] 17,499,748		20,150,250		
$1,000,000 and over	38			15,235			60,043,525			27,899,779		
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	30.9	49.0	44.5	1.5	5.6	6.5	1.0	2.9	3.2	1.3	4.3	4.4
$5,000 to $20,000	30.5	27.9	30.2	5.9	11.0	13.6	3.9	7.9	10.0	5.3	10.6	13.1
$20,000 to $100,000	24.2	14.5	18.0	15.9	18.8	25.2	13.1	17.3	24.4	15.6	20.5	28.3
$100,000 to $500,000	10.5	7.5	7.3	30.8	64.6	54.8	29.7	49.9	62.4	30.2	64.6	54.2
$500,000 to $1,000,000	2.4	1.0		19.3			21.9	22.0		19.0		
$1,000,000 and over	1.5			26.5			30.4			27.6		

[1] Includes the group "$1,000,000 and over."

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
BREAD AND OTHER BAKERY PRODUCTS	82	83	100.0	100.0	295	306	100.0	100.0	$2,189,341	$919,007	100.0	100.0	$738,964	$404,681	100.0	100.0
Less than $5,000	16	36	19.5	43.4	10	27	3.4	8.8	56,318	96,521	2.6	10.5	24,190	46,289	3.3	11.4
$5,000 to $20,000	28	32	34.1	38.6	51	123	17.3	40.2	292,235	356,579	13.3	38.8	103,112	167,547	14.0	41.4
$20,000 to $100,000	35	15	42.7	18.1	202	156	68.5	51.0	1,453,200	465,907	66.4	50.7	508,935	190,845	68.9	47.2
$100,000 to $500,000	3	.....	3.7	.....	32	.....	10.8	.....	387,588	.....	17.7	.....	102,727	.....	13.9	.....
COTTON GOODS	15	11	100.0	100.0	2,406	1,989	100.0	100.0	8,066,769	2,789,007	100.0	100.0	3,092,662	977,007	100.0	100.0
Less than $100,000	.....	3	.....	27.3	.....	175	.....	8.8	.....	210,591	.....	7.6	.....	78,391	.....	8.0
$100,000 to $500,000	9	[1] 8	60.0	72.7	924	[1] 1,814	38.4	91.2	2,735,339	[1] 2,578,416	33.9	92.4	1,040,497	[1] 898,616	33.6	92.0
$500,000 and over	6	.....	40.0	.....	1,482	.....	61.6	.....	5,331,430	.....	66.1	.....	2,052,165	.....	66.4	.....
FERTILIZERS	9	11	100.0	100.0	370	379	100.0	100.0	3,626,674	2,059,786	100.0	100.0	958,626	454,801	100.0	100.0
Less than $100,000	3	5	33.3	45.5	13	26	3.5	6.9	143,374	161,803	4.0	7.9	21,410	51,950	2.2	11.4
$100,000 and over	6	6	66.7	54.5	357	353	96.5	93.1	3,483,300	1,897,983	96.0	92.1	937,216	402,851	97.8	88.6
FLOUR-MILL AND GRISTMILL PRODUCTS	54	17	100.0	100.0	61	48	100.0	100.0	2,091,663	410,332	100.0	100.0	194,855	66,054	100.0	100.0
Less than $5,000	33	7	61.1	41.2	2	9	3.3	18.7	75,564	16,298	3.6	4.0	15,133	2,950	7.8	4.5
$5,000 to $20,000	13	6	24.1	35.3	5	11	8.2	22.9	112,231	69,534	5.4	16.9	17,673	14,770	9.1	22.4
$20,000 to $100,000	5	[2] 4	9.3	23.5	13	[2] 28	21.3	58.3	265,667	[2] 324,500	12.7	79.1	45,146	[2] 48,334	23.2	73.2
$100,000 and over	3	.....	5.6	.....	41	.....	67.2	.....	1,638,201	.....	78.3	.....	116,903	.....	60.0	.....
LUMBER AND TIMBER PRODUCTS	1,435	1,240	100.0	100.0	35,512	28,490	100.0	100.0	87,508,229	36,506,812	100.0	100.0	61,062,707	22,712,761	100.0	100.0
Less than $5,000	495	705	34.5	56.9	679	2,016	1.9	7.1	1,193,796	1,396,300	1.4	3.8	928,801	1,043,058	1.5	4.6
$5,000 to $20,000	475	308	33.1	24.8	2,504	3,075	7.1	10.8	4,897,365	3,073,856	5.6	8.4	3,768,296	2,146,743	6.2	9.5
$20,000 to $100,000	314	146	21.9	11.8	5,789	4,734	16.3	16.6	12,963,571	6,503,677	14.8	17.8	9,350,706	4,103,768	15.3	18.1
$100,000 to $500,000	109	72	7.6	5.8	10,322	[3] 18,665	29.1	65.5	25,893,070	17,138,357	29.6	46.9	17,267,873	[3] 15,419,192	28.3	67.9
$500,000 to $1,000,000	27	[4] 9	1.9	0.7	7,812	.....	22.0	.....	20,685,222	[4] 8,394,622	23.6	23.0	14,610,044	.....	23.9	.....
$1,000,000 and over	15	.....	1.0	.....	8,406	.....	23.7	.....	21,875,205	.....	25.0	.....	15,136,987	.....	24.8	.....
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	65	48	100.0	100.0	1,102	937	100.0	100.0	5,933,133	1,828,954	100.0	100.0	2,444,717	842,742	100.0	100.0
Less than $5,000	10	12	15.4	25.0	18	38	1.6	4.1	29,414	37,219	0.5	2.0	21,227	20,624	0.9	2.4
$5,000 to $20,000	9	16	13.8	33.3	42	168	3.8	17.9	104,810	185,326	1.8	10.1	54,042	105,490	2.2	12.5
$20,000 to $100,000	25	16	38.5	33.3	375	323	34.0	34.5	1,343,959	571,446	22.7	31.2	553,816	259,109	22.7	30.7
$100,000 and over	21	4	32.3	8.3	667	408	60.5	43.5	4,454,950	1,034,963	75.1	56.6	1,815,632	457,519	74.3	54.3
MINERAL AND CARBONATED WATERS	68	80	100.0	100.0	440	308	100.0	100.0	3,333,437	1,066,364	100.0	100.0	1,623,929	500,247	100.0	100.0
Less than $5,000	6	43	8.8	53.8	8	54	1.8	17.5	18,034	100,356	0.5	9.4	7,526	56,901	0.5	11.4
$5,000 to $20,000	24	24	35.3	30.0	62	79	14.1	25.6	253,936	262,136	7.6	24.6	111,921	125,016	6.9	25.0
$20,000 to $100,000	29	[2] 13	42.6	16.2	202	[2] 175	45.9	56.8	1,402,149	[2] 703,872	42.1	66.0	704,891	[2] 318,330	43.4	63.6
$100,000 to $500,000	9	.....	13.2	.....	168	.....	38.2	.....	1,659,318	.....	49.8	.....	799,591	.....	49.2	.....
OIL AND CAKE, COTTONSEED	49	67	100.0	100.0	2,454	2,336	100.0	100.0	39,202,188	17,599,651	100.0	100.0	5,460,842	3,162,023	100.0	100.0
Less than $100,000	.....	8	.....	11.9	.....	75	.....	3.2	.....	331,922	.....	1.9	.....	65,375	.....	2.1
$100,000 to $500,000	16	52	32.7	77.6	485	[1] 2,261	19.8	96.8	5,217,878	12,633,488	13.3	71.8	533,902	[1] 3,096,648	9.8	97.9
$500,000 to $1,000,000	19	7	38.8	10.4	932	.....	38.0	.....	13,532,726	4,634,241	34.5	26.3	1,918,884	.....	35.1	.....
$1,000,000 and over	14	.....	28.6	.....	1,037	.....	42.3	.....	20,451,584	.....	52.2	.....	3,008,056	.....	55.1	.....
TURPENTINE AND ROSIN	45	61	100.0	100.0	2,495	3,275	100.0	100.0	5,547,813	1,997,139	100.0	100.0	4,257,412	1,416,960	100.0	100.0
Less than $5,000	.....	8	.....	13.1	.....	14	.....	0.4	.....	23,521	.....	1.2	.....	14,138	.....	1.0
$5,000 to $20,000	[5] 9	28	20.0	45.9	[5] 98	371	3.9	11.3	[5] 109,107	318,178	2.0	15.9	[5] 72,671	217,120	1.7	15.3
$20,000 to $100,000	15	21	33.3	34.4	231	1,200	9.3	36.6	713,573	917,733	12.9	46.0	493,438	672,776	11.6	47.5
$100,000 to $500,000	21	4	46.7	6.6	2,166	1,690	86.8	51.6	4,725,133	737,707	85.2	36.9	3,691,303	512,926	86.7	36.2

[1] Includes the group "$500,000 to $1,000,000."
[2] Includes the group "$100,000 to $500,000."
[3] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[4] Includes the group "$1,000,000 and over."
[5] Includes the group "Less than $5,000."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
BILOXI	33	787	100.0	$1,941,629	100.0	$807,358	100.0
Less than $5,000	3	1	0.1	5,050	0.3	3,878	0.5
$5,000 to $20,000	5	12	1.5	47,543	2.4	27,980	3.5
$20,000 to $100,000	19	309	39.3	797,898	41.1	394,975	48.9
$100,000 to $500,000	6	465	59.1	1,091,138	56.2	380,525	47.1
COLUMBUS	27	549	100.0	2,150,568	100.0	730,710	100.0
Less than $5,000	7	2	0.4	14,321	0.7	7,081	1.0
$5,000 to $20,000	5	11	2.0	48,977	2.3	22,727	3.1
$20,000 to $100,000	9	96	17.5	397,113	18.5	142,719	19.5
$100,000 to $500,000	6	440	80.1	1,690,157	78.6	558,183	76.4
GREENVILLE	32	822	100.0	4,419,662	100.0	1,888,351	100.0
Less than $5,000	6	3	0.4	13,206	0.3	5,861	0.3
$5,000 to $20,000	5	14	1.7	52,255	1.2	27,085	1.4
$20,000 to $100,000	15	157	19.1	750,072	17.0	366,481	19.4
$100,000 to $500,000	3	170	20.7	834,711	18.9	505,766	26.8
$500,000 and over	3	478	58.1	2,769,418	62.7	983,158	52.1
HATTIESBURG	36	1,267	100.0	4,533,382	100.0	2,468,423	100.0
Less than $5,000	3	.....	.....	8,000	0.2	4,285	0.2
$5,000 to $20,000	8	20	1.6	86,539	1.9	50,006	2.0
$20,000 to $100,000	19	192	15.2	1,006,347	22.2	414,041	16.8
$100,000 and over	6	1,055	83.3	3,432,496	75.7	2,000,091	81.0
JACKSON	55	1,326	100.0	11,401,869	100.0	3,117,090	100.0
Less than $5,000	7	3	0.2	16,775	0.1	9,264	0.3
$5,000 to $20,000	6	21	1.6	69,811	0.6	48,838	1.6
$20,000 to $100,000	17	272	20.5	941,280	8.3	410,889	13.2
$100,000 to $500,000	19	497	37.5	2,930,039	25.7	1,344,845	43.1
$500,000 and over	6	533	40.2	7,443,964	65.3	1,303,254	41.8
LAUREL	23	2,223	100.0	$8,182,357	100.0	$4,835,901	100.0
Less than $20,000	6	17	0.8	47,193	0.6	27,608	0.6
$20,000 to $100,000	8	127	5.7	413,261	5.1	204,583	4.2
$100,000 to $500,000	4	199	9.0	1,060,692	13.0	558,824	11.6
$500,000 and over	5	1,880	84.6	6,661,211	81.4	4,044,886	83.6
MERIDIAN	54	2,165	100.0	9,589,986	100.0	3,788,166	100.0
Less than $5,000	3	3	0.1	7,950	0.1	4,149	0.1
$5,000 to $20,000	11	24	1.1	113,300	1.2	68,436	1.8
$20,000 to $100,000	23	323	14.9	1,245,842	13.0	728,037	19.2
$100,000 to $500,000	12	455	21.0	2,333,399	24.3	995,783	26.3
$500,000 and over	5	1,360	62.8	5,889,495	61.4	1,991,761	52.6
NATCHEZ	22	1,180	100.0	2,717,187	100.0	1,143,981	100.0
Less than $20,000	5	10	0.8	47,264	1.7	22,580	2.0
$20,000 to $100,000	9	100	8.5	402,108	14.8	199,390	17.4
$100,000 and over	8	1,070	90.7	2,267,815	83.5	922,011	80.6
VICKSBURG	34	1,455	100.0	4,336,392	100.0	2,593,163	100.0
Less than $5,000	4	3	0.2	10,050	0.2	5,208	0.2
$5,000 to $20,000	6	22	1.5	67,051	1.5	29,731	1.1
$20,000 to $100,000	16	225	15.5	878,181	20.3	466,576	18.0
$100,000 and over	8	1,205	82.8	3,381,110	78.0	2,091,648	80.7

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	1,282	498	675	57,560	8,335	41,921	7,304	14.5	72.8	12.7	$197,746,987	$25,563,980	$149,371,210	$22,811,797	12.9	75.5	11.5
	1914	1,180	493	536	46,702	7,248	34,903	4,551	15.5	74.7	9.8	79,550,095	9,514,036	62,981,047	7,055,012	12.0	79.2	8.9
	1909	1,353	555	690	50,384	9,779	33,467	7,138	19.4	66.4	14.2	80,555,410	11,674,333	58,719,954	10,161,123	14.5	72.9	12.6
Bread and other bakery products.	1919	66	2	14	295	238	.....	[1] 57	80.7	.....	19.3	2,189,341	1,792,016	.....	[1] 397,325	81.9	.....	18.1
	1914	66	2	15	306	208	.....	[1] 98	68.0	.....	32.0	919,007	647,090	.....	[1] 271,917	70.4	.....	29.6
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	13	.....	4,030	.....	4,030	.....	.....	100.0	.....	10,225,791	.....	10,225,791	.....	.....	100.0	.....
	1914	.....	15	.....	3,278	.....	3,278	.....	.....	100.0	.....	3,682,100	.....	3,682,100	.....	.....	100.0	.....
Cotton goods	1919	1	14	.....	2,406	.....	[2] 2,406	.....	.....	100.0	.....	8,066,769	.....	[2] 8,066,769	.....	.....	100.0	.....
	1914	.....	11	.....	1,989	.....	1,989	.....	.....	100.0	.....	2,789,007	.....	2,789,007	.....	.....	100.0	.....
Fertilizers	1919	.....	9	.....	370	.....	370	.....	.....	100.0	.....	3,626,674	.....	3,626,674	.....	.....	100.0	.....
	1914	2	9	.....	379	.....	[2] 379	.....	.....	100.0	.....	2,059,786	.....	[2] 2,059,786	.....	.....	100.0	.....
Flour-mill and gristmill products.	1919	38	9	7	61	18	43	.....	29.5	70.5	.....	2,091,663	702,031	1,364,258	25,374	33.6	65.2	1.2
	1914	6	4	7	48	9	16	23	18.8	33.3	47.9	410,332	60,023	181,130	169,179	14.6	44.1	41.2
Lumber and timber products.	1919	787	176	472	35,512	6,232	23,793	5,487	17.5	67.0	15.5	87,508,229	15,502,317	58,885,548	13,120,364	17.7	67.3	15.0
	1914	719	160	361	28,490	5,318	19,842	3,330	18.7	69.6	11.7	36,506,812	5,763,325	26,524,966	4,218,521	15.8	72.7	11.6
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	22	21	22	1,102	348	500	254	31.6	45.4	23.0	5,933,133	1,475,573	3,021,566	1,435,994	24.9	50.9	24.2
	1914	14	17	17	937	65	720	152	6.9	76.8	16.2	1,828,954	198,505	1,235,668	394,781	10.9	67.6	21.6
Mineral and soda waters	1919	28	23	17	440	136	223	81	30.9	50.7	18.4	3,333,437	921,323	1,919,457	492,657	27.6	57.6	14.8
	1914	45	17	18	308	134	137	37	43.5	44.5	12.0	1,066,364	333,333	601,780	131,251	31.3	56.4	12.3
Oil and cake, cottonseed	1919	.....	46	3	2,454	.....	2,310	144	.....	94.1	5.9	39,202,188	.....	36,732,414	2,469,774	.....	93.7	6.3
	1914	1	61	5	2,336	.....	2,207	[2] 129	.....	94.5	5.5	17,599,651	.....	16,991,585	[2] 608,066	.....	96.5	3.5
Turpentine and rosin	1919	6	25	14	2,495	76	2,047	372	3.0	82.0	14.9	5,547,813	195,307	4,517,664	834,842	3.5	81.4	15.0
	1914	16	30	15	3,275	233	2,770	272	7.1	84.6	8.3	1,997,139	155,842	1,552,057	289,240	7.8	77.7	14.5

[1] Includes the group, "Corporations."

[2] Includes the group, "Individuals."

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
Total for cities	1919	108	149	59	11,774	812	10,266	696	6.9	87.2	5.9	$49,273,032	$4,408,685	$41,561,944	$3,302,403	8.9	84.3	6.7
	1914	94	124	56	8,131	616	6,971	544	7.6	85.7	6.7	18,622,566	1,400,018	15,926,569	1,295,979	7.5	85.5	7.0
BILOXI	1919	9	13	11	787	114	564	109	14.5	71.7	13.8	1,941,629	285,157	1,450,070	206,402	14.7	74.7	10.6
COLUMBUS	1919	10	10	7	549	66	438	45	12.0	79.8	8.2	2,150,568	333,159	1,509,100	308,309	15.5	70.2	14.3
	1914	11	10	6	521	83	412	26	15.9	79.1	5.0	1,248,543	159,572	1,036,937	52,034	12.8	83.0	4.2
GREENVILLE	1919	13	11	8	822	112	596	114	13.6	72.5	13.9	4,419,662	507,571	3,322,003	590,088	11.5	75.2	13.4
	1914	9	11	5	671	53	516	102	7.9	76.9	15.2	1,935,153	97,014	1,579,039	259,100	5.0	81.6	13.4
HATTIESBURG	1919	12	20	4	1,267	50	1,197	20	3.9	94.5	1.6	4,533,382	278,706	4,188,427	66,249	6.1	92.4	1.5
	1914	14	14	7	587	47	483	57	8.0	82.3	9.7	1,133,927	110,400	870,219	153,308	9.7	76.7	13.5
JACKSON	1919	16	30	9	1,326	101	1,126	99	7.6	84.9	7.5	11,401,869	969,145	9,834,285	598,439	8.5	86.3	5.2
	1914	13	26	10	943	92	797	54	9.8	84.5	5.7	3,625,068	203,079	3,243,517	178,472	5.6	89.5	4.9
LAUREL	1919	8	15	.....	2,223	72	2,151	.....	3.2	96.8	.....	8,182,357	182,834	7,999,523	.....	2.2	97.8	.....
	1914	7	15	4	2,129	54	2,067	8	2.5	97.1	0.4	3,372,292	73,539	3,264,033	34,720	2.2	96.8	1.0
MERIDIAN	1919	18	25	11	2,165	157	1,848	160	7.3	85.4	7.4	9,589,986	889,893	7,636,806	1,063,287	9.3	79.6	11.1
	1914	15	24	12	1,974	148	1,716	110	7.5	86.9	5.6	4,738,763	298,549	4,110,618	329,596	6.3	86.7	7.0
NATCHEZ	1919	10	7	5	1,180	77	988	115	6.5	83.7	9.7	2,717,187	566,182	1,780,333	370,672	20.8	65.5	13.6
	1914	12	9	3	297	73	130	94	24.6	43.8	31.6	895,913	247,571	480,592	167,750	27.6	53.6	18.7
VICKSBURG	1919	12	18	4	1,455	63	1,358	34	4.3	93.3	2.3	4,336,392	396,038	3,841,397	98,957	9.1	88.6	2.3
	1914	13	15	9	1,009	66	850	93	6.5	84.3	9.2	1,672,907	210,294	1,341,614	120,999	12.6	80.2	7.2

TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.						THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	9	.....	9	.....	.....	.....	.....	.....
	1914	.....	8	.....	7	.....	1	.....	.....	.....
	1909	.....	5	.....	5	.....	.....	.....	.....	.....
Population [1]	1920	1,790,618	136,201	7.6	136,201	7.6	.....	.....	1,654,417	92.4
	1915	1,901,882	128,858	6.8	101,851	5.4	27,007	1.4	1,773,024	93.2
	1910	1,797,114	88,885	4.9	88,885	4.9	.....	.....	1,708,229	95.1
Number of establishments	1919	2,455	316	12.9	316	12.9	.....	.....	2,139	87.1
	1914	2,209	274	12.4	225	10.2	49	2.2	1,935	87.6
	1909	2,598	201	7.7	201	7.7	.....	.....	2,397	92.3
Average number of wage earners	1919	57,560	11,774	20.5	11,774	20.5	.....	.....	45,786	79.5
	1914	46,702	8,131	17.4	7,188	15.4	943	2.0	38,571	82.6
	1909	50,384	4,574	9.1	4,574	9.1	.....	.....	45,810	90.9
Value of products	1919	$197,746,987	$49,273,032	24.9	$49,273,032	24.9	.....	.....	$148,473,955	75.1
	1914	79,550,095	18,622,566	23.4	14,997,498	18.8	$3,625,068	4.6	60,927,529	76.6
	1909	80,555,410	11,791,611	14.6	11,791,611	14.6	.....	.....	68,763,799	85.4
Value added by manufacture	1919	101,069,116	21,373,143	21.1	21,373,143	21.1	.....	.....	79,695,973	78.9
	1914	38,209,973	7,647,337	20.0	6,536,269	17.1	1,111,068	2.9	30,562,636	80.0
	1909	43,629,828	5,003,122	11.5	5,003,122	11.5	.....	.....	38,626,706	88.5

[1] Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	4,162	3,249	3,251	200,814	186,434	206,222	100.0	100.0	100.0
Owned	2,701	2,527	2,924	187,128	179,625	203,661	93.2	96.3	98.8
Steam[1]	2,387	2,273	2,747	183,990	177,287	202,346	91.6	95.1	98.1
Engines	2,331	(2)	(2)	170,894	(2)	(2)	85.1	.....	.....
Turbines	56	(2)	(2)	13,096	(2)	(2)	6.5	.....	.....
Internal-combustion engines	302	237	166	2,957	1,695	1,077	1.5	0.9	0.5
Water	12	17	11	181	643	238	0.1	0.3	0.1
Water wheels and turbines	11	12	11	179	518	238	0.1	0.3	0.1
Water motors	1	5	.....	2	125	.....	(3)	0.1	.....
Rented	1,461	722	327	13,686	6,809	2,561	6.8	3.7	1.2
Electric	1,461	722	327	13,644	6,779	2,496	6.8	3.6	1.2
Other	.....	.....	.....	42	30	65	(3)	(3)	(3)
Electric	2,127	1,016	517	34,829	17,351	7,627	100.0	100.0	100.0
Rented	1,461	722	327	13,644	6,779	2,496	39.2	39.1	32.7
Generated by establishments reporting	666	294	190	21,185	10,572	5,131	60.8	60.9	67.3

[1] Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power. [2] Not reported separately. [3] Less than one-tenth of 1 per cent.

TABLE 17.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	10,874	446,676	4,861	66,493	4,850	4,395
1914	1,853	476,108	6,242	12,117	(1)	3,536
Per cent of increase[2]	486.8	−6.2	−22.1	488.8	(1)	24.3
Brick, sewer pipe, and draintile	250	26,426	.....	168	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	347	42,469	226	959	115	.....
Confectionery and ice cream	2,805	1,522	12	2,336	5	486
Cotton goods	.....	38,609	43	.....	.....	.....
Gas, illuminating and heating	.....	23,466	1,194	3,301	.....	.....
Ice, manufactured	4,164	40,351	.....	5,570	34	.....
Lumber and timber products	760	64,756	1,032	268	1,695	.....
Mineral and carbonated waters	99	5,237	15	13	404	.....
Oil and cake, cottonseed	2,220	160,259	.....	.....	20	.....
Shipbuilding, steel	.....	.....	.....	48,200	.....	.....
Wood preserving	.....	13,764	.....	5,000	.....	.....
All other industries	229	29,817	2,339	588	2,517	3,909
Total for cities	3,356	121,588	3,070	4,354	535	4,248
BILOXI	.....	14,140	112	.....	8	250
COLUMBUS	.....	10,722	.....	.....	.....	.....
GREENVILLE	7	13,163	10	3	87	60
HATTIESBURG	.....	3,999	302	.....	22	110
JACKSON	.....	27,419	340	.....	195	555
LAUREL	.....	11,810	201	2	127	.....
MERIDIAN	20	13,599	562	360	.....	2,873
NATCHEZ	30	9,071	63	1	31	.....
VICKSBURG	3,299	17,665	1,480	3,988	65	400

[1] Included in figures for fuel oils. [2] A minus sign (−) denotes decrease.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for six of these industries in Mississippi are here presented.

Lumber and timber products (Table 18).—This table presents statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. Measured by the value of products, this is the most important manufacturing industry in the state, contributing 44.3 per cent of the total value of all manufactured products in 1919.

For a number of years Mississippi has been one of the leading lumber-producing states, ranking fourth in the production of this commodity in 1919 and third for both 1914 and 1909.

In 1919 yellow pine contributed 1,980,395 M feet, board measure, or 82.9 per cent of the total lumber cut in the state; red gum 168,226 M feet, or 7 per cent; and oak 132,804 M feet, or 5.6 per cent. Other important woods cut were cottonwood, cypress, hickory, ash, elm, yellow poplar, tupelo, and maple.

TABLE 18.—PRODUCTION OF LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY.		
	1919	1914	1909
Lumber M ft., b. m.	2,390,135	[1] 2,280,966	2,572,669
Lath thousands	96,204	(2)	90,926
Shingles thousands	34,002	(2)	151,303

[1] Data for custom mills not included. [2] Not reported.

Oil and cake, cottonseed (Table 19).—This table shows the quantities of the chief products of the industry for 1919, 1914, and 1909. The statistics for 1919 relate to the crushing season of 1918–19—that is to the handling of the seed from the crop of 1918. They cover the operation of only those establishments which were engaged primarily in the cottonseed industry. The crude products reported do not include those intermediate products, which were used in further manufacture.

Mississippi ranked sixth among the states in cottonseed products manufactured. While there has been an increase in the total value of products, there has been an actual decrease in the quantity of seed handled, the amount in 1919 being less than in 1914 and 1909.

TABLE 19.—OIL AND CAKE, COTTONSEED: 1919, 1914, AND 1909.

MATERIAL AND PRODUCT.	QUANTITY.		
	1919	1914	1909
Cottonseed, crushed.....tons (2,000 lbs.)..	438,725	506,190	559,357
Crude products manufactured:			
Oil.....gallons..	18,255,656	21,312,278	24,386,289
Meal and cake.....tons (2,000 lbs.)..	219,204	232,126	244,738
Hulls.....tons (2,000 lbs.)..	106,590	138,669	181,797
Linters.....pounds..	43,739,388	35,652,381	24,237,536

Cotton goods (Table 20).—This table presents detailed statistics as to materials and products of the cotton-goods industry in Mississippi for 1919, 1914, and 1909. It will be seen from the details for materials used that the mills in the state largely produced their own yarn, raw cotton representing 87.2 per cent of the total cost of all materials in 1919.

TABLE 20.—COTTON GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	$4,974,107	$1,812,000	$2,042,150
Cotton, domestic:			
Pounds.....	14,370,837	13,897,361	16,371,192
Cost.....	$4,335,759	$1,545,598	$1,797,222
Starch, cost.....	$34,481	$13,385	$12,769
Chemicals and dyestuffs, cost.....	$53,810	$34,052	$31,042
Fuel and rent of power, cost.....	$187,667	$78,261	$101,557
All other materials, cost.....	$362,390	$140,104	$99,560
PRODUCTS.			
Total value.....	$8,066,769	$2,789,007	$3,102,398
Drills:			
Pounds.....	2,535,093	(1)	(1)
Square yards.....	7,567,026	6,676,949	7,705,349
Value.....	$1,477,625	$448,493	$437,721
Unbleached and bleached sheetings, shirtings, and muslins:			
Pounds.....	3,105,311	(1)	(1)
Square yards.....	15,138,186	16,137,838	26,146,744
Value.....	$1,830,665	$771,676	$1,407,366
Other woven goods:			
Pounds.....	4,391,264	(1)	(1)
Square yards.....	16,022,142	20,086,423	11,744,171
Value.....	$3,239,679	$1,219,702	$933,126
Yarns, for sale:			
Pounds.....	2,055,323	1,333,799	1,119,504
Value.....	$1,285,530	$288,050	$220,920
Waste, bagging, and ties:			
Value.....	$88,856	$35,923	$28,556
All other products, value.....	$145,014	$25,163	$74,709
ACTIVE MACHINERY.			
Spindles (producing, not including doubling and twisting spindles) number..	158,802	120,186	153,804
Looms, number.....	3,883	3,537	4,733

[1] Not reported.

The total value of products increased by $5,277,762, or 189.2 per cent, from 1914 to 1919, notwithstanding a decrease in yardage. Woven goods was the principal product and constituted 81.2 per cent of the total value for the industry in 1919. The total output of woven goods was 45,596,264 square yards in 1909, 42,901,210 square yards in 1914, and 38,727,354 square yards in 1919. The decrease in the production of woven goods for the last five-year period was 9.7 per cent, and for the last ten-year period 15.1 per cent.

Turpentine and rosin (Table 21).—The quantities and values of turpentine and rosin produced by 45 establishments in 1919, 61 in 1914, and 64 in 1909, are shown in this table.

The working unit in the gathering of crude gum is called a crop, which consists of 10,500 boxes or cups. In 1919 there were 822 crops worked in the state. Of these, 275 were from "virgin" trees, or trees worked the first year; 257 from "yearling," or trees worked the second year; and 290 from "pulling," or trees worked the third and subsequent years. Of the foregoing, 69 were worked from back-boxed timber—20 "virgin," 15 "yearling," and 34 "pulling."

In 1919 only the cup system was reported as being used for gathering crude gum in the state. In 1909 and 1914 both the box system and cup system were used. In the former year 831 crops out of a total of 1,053 and in the latter year 17 crops out of a total of 1,138 were gathered by the box system.

TABLE 21.—PRODUCTION AND VALUE OF TURPENTINE AND ROSIN: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value.....	$5,547,813	$1,997,139	$1,474,629
Spirits of turpentine:			
Gallons.....	1,749,812	2,385,054	1,588,786
Value.....	$2,011,866	$905,747	$732,334
Rosin:			
Barrels (280 pounds).....	207,114	275,205	192,508
Value.....	$3,498,136	$1,081,040	$739,799
All other products, value.....	$37,811	$10,352	$2,496

Fertilizers (Table 22).—This table shows the quantities and values of the products of the fertilizer industry for 1919, 1914, and 1909.

TABLE 22.—FERTILIZERS: 1919, 1914, AND 1909.

	1919	1914	1909
Total value.....	$3,626,674	$2,059,786	$2,125,029
Fertilizers:			
Tons.....	[1] 103,984	[1] 129,469	[1] 133,101
Value.....	$3,169,469	$1,861,845	$1,725,256
Complete and ammoniated fertilizers—			
Tons.....	51,898	65,766	72,193
Value.....	$2,120,381	$1,349,190	$1,167,632
Superphosphates, concentrated phosphates, and all others—			
Tons.....	52,086	63,703	60,908
Value.....	$1,049,088	$512,655	$557,624
All other products, value.....	$457,205	$197,941	$399,773

[1] In addition, there were produced in cottonseed-oil mills and other industries 18,742 tons of fertilizer, valued at $740,512, in 1919; 29,794 tons, valued at $521,174, in 1914; and 33,971 tons, valued at $616,052, in 1909.

Printing and publishing (Table 23).—This table shows the publications in Mississippi, by number and aggregate circulation per issue, classified according to period of issue for the years 1919, 1914, and 1909.

The decrease shown in the total number of publications and of circulation is due to the disappearance of a number of weekly newspapers—a decrease also accentuated at the census of 1914.

The increase in circulation of daily newspapers—23.3 per cent for the five-year period from 1914 to 1919, and 18.9 per cent for the decade—was accompanied by a small decrease in number of publications for both periods.

Of the dailies, 11 were published in the afternoon, a decrease of 1 from 1914 to 1919, the circulation increasing slightly. The increase in the circulation of morning newspapers, the number of which decreased by 2 during the five-year period, was 10,518, or 66.3 per cent. The circulation of Sunday newspapers increased 4,784 during the same period, or 14.7 per cent. All publications were printed in the English language.

TABLE 23.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	169	218	219	227,972	267,319	315,731
Daily	14	17	18	56,480	45,792	47,492
Sunday	5	7	7	37,355	32,571	36,322
Semiweekly [1]	4	7	5	6,725	6,236	6,000
Weekly	139	169	182	112,962	161,865	221,492
Monthly [2]	7	18	7	14,450	20,855	4,425

[1] Includes in 1914, 1 triweekly.
[2] Includes in 1919, 2 semimonthlies and 1 quarterly; in 1914, 4 semimonthlies and 1 quarterly; and in 1909, 1 semimonthly and 1 bimonthly.

Laundries (Table 24).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 24, however, summarizes the statistics for such laundries in the state for 1919 and 1914.

TABLE 24.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase.[1] 1914–1919.
	1919	1914	
Number of establishments	23	27	.....
Persons engaged	712	688	3.5
Proprietors and firm members	20	32	.....
Salaried employees	58	49	.....
Wage earners (average number)	634	607	4.4
Primary horsepower	1,816	680	167.1
Capital	$527,254	$347,909	51.5
Salaries and wages	397,753	267,848	48.5
Salaries	77,848	53,270	46.1
Wages	319,905	214,578	49.1
Paid for contract work	26,918	75	.....
Rent and taxes	18,439	12,435	48.3
Cost of materials	286,102	122,244	134.0
Amount received for work done	946,670	540,209	75.2

[1] Percentages are omitted where base is less than 100.

Dyeing and cleaning (Table 25).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 25.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	24
Persons engaged	105
Proprietors and firm members	29
Salaried employees	8
Wage earners (average number)	68
Primary horsepower	635
Capital	$59,780
Salaries and wages	54,861
Salaries	8,854
Wages	46,007
Paid for contract work	425
Rent and taxes	8,315
Cost of materials	26,616
Amount received for work done	128,143

Custom sawmills and gristmills (Tables 26 and 27).—Statistics for custom sawmills and custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for custom mills were not collected in 1914. Tables 26 and 27, however, summarize the statistics for such mills for 1919 and 1909. The value of products for custom sawmills represents the amount charged for the work performed, and that for custom gristmills, the selling value of the grain milled.

TABLE 26.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	72	27	.....
Persons engaged	154	95	.....
Proprietors and firm members	97	35	.....
Wage earners (average number)	57	60	.....
Primary horsepower	2,187	663	229.9
Capital	$88,495	$26,600	232.7
Wages	31,243	10,133	208.3
Rent and taxes	991	(2)	.....
Cost of materials	13,729	933	1,371.5
Value of products [3]	80,191	28,769	178.7

[1] Percentages are omitted where base is less than 100.
[2] Figures not available.
[3] Amount received for work done.

TABLE 27.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	598	596	0.3
Persons engaged	790	912	−13.4
Proprietors and firm members	731	837	−12.7
Salaried employees	9	10	.....
Wage earners (average number)	50	65	.....
Primary horsepower	13,253	15,852	−16.4
Capital	$520,726	$475,776	9.4
Salaries and wages	40,758	34,489	18.2
Salaries	2,260	804	181.1
Wages	38,498	33,685	14.3
Rent and taxes	8,904	(2)	.....
Cost of materials [3]	1,830,290	1,073,848	70.4
Value of products [3]	2,299,950	1,258,318	82.8

[1] A minus sign (−) denotes decrease. Percentages are omitted where base is less than 100.
[2] Figures not available.
[3] Includes estimate of all grain ground.

GENERAL TABLES.

Table 28 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and for all industries combined for the cities of Columbus, Greenville, Hattiesburg, Jackson, Laurel, Meridian, Natchez, and Vicksburg for 1919, 1914, and 1909. Certain kindred industries are combined in some instances for comparison with 1909.

Table 29 presents, for 1919, statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations, and for all industries combined in the nine cities of 10,000 inhabitants or more.

TABLE 28.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
All industries	1919	2,455	57,560	200,814	$51,256	$96,678	$197,747
	1914	2,209	46,702	186,434	19,177	41,340	79,550
	1909	2,598	50,384	206,222	18,768	36,926	80,555
Bread and other bakery products.	1919	82	295	662	249	1,450	2,189
	1914	83	306	184	145	514	919
	1909	79	285	92	128	516	878
Brick, sewer pipe, and draintile.	1919	28	472	1,702	365	292	925
	1914	38	551	2,435	198	188	513
Canning and preserving [1].	1919	28	1,094	846	375	1,518	2,303
	1914	18	1,052	600	229	877	1,655
	1909	11	847	378	97	508	824
Carriages and wagons and materials.	1919	19	276	706	236	457	1,105
	1914	23	210	1,074	101	223	479
	1909	41	365	1,350	154	274	642
Cars and general shop construction and repairs by steam-railroad companies.	1919	13	4,030	4,433	5,649	4,059	10,226
	1914	15	3,278	3,350	2,028	1,493	3,682
	1909	10	2,572	2,232	1,558	1,422	3,233
Coffee, roasting and grinding.	1919	7	28	49	13	474	620
	1914	5	8	29	4	75	94
Confectionery and ice cream.	1919	21	158	645	108	706	1,211
	1914	13	56	51	23	103	177
Copper, tin, and sheet-iron work.	1919	14	84	34	88	153	462
	1914	18	82	.....	51	90	191
	1909	15	119	.....	69	91	211
Cotton goods	1919	15	2,406	6,939	1,537	4,974	8,067
	1914	11	1,989	5,510	580	1,812	2,789
	1909	14	2,645	8,045	695	2,042	3,102
Fertilizers	1919	9	370	2,316	285	2,668	3,627
	1914	11	379	2,809	155	1,605	2,060
	1909	10	449	1,823	141	1,385	2,125
Flour-mill and gristmill products.	1919	54	61	1,634	49	1,897	2,092
	1914	17	48	783	14	344	410
	1909	13	18	609	5	132	153
Food preparations, not elsewhere specified.	1919	7	81	473	53	1,424	1,684
	1914	5	19	100	5	166	201
Foundry and machine-shop products.	1919	43	460	1,240	590	850	1,786
	1914	43	423	1,095	231	262	699
	1909	50	583	1,372	295	472	1,088
Gas, illuminating and heating.	1919	7	122	228	100	204	411
	1914	8	113	196	56	111	292
	1909	8	101	148	39	86	256
Ice, manufactured	1919	50	447	6,298	372	569	1,515
	1914	58	476	8,439	219	327	1,046
	1909	51	341	7,003	189	213	866
Lumber and timber products.[2]	1919	1,504	37,435	139,851	32,431	30,450	94,501
	1914	1,296	29,640	125,371	12,413	14,856	38,538
	1909	1,647	33,397	149,715	12,583	14,207	42,793
Marble and stone work	1919	12	78	114	$59	$195	$390
	1914	13	58	108	31	77	149
	1909	11	71	80	41	79	176
Mattresses and spring beds, not elsewhere specified.	1919	7	39	120	28	130	208
	1914	7	33	104	13	36	70
	1909	6	40	101	26	67	118
Mineral and carbonated waters.	1919	68	440	1,148	269	1,710	3,333
	1914	80	308	543	119	566	1,066
	1909	79	191	317	72	234	561
Oil and cake, cottonseed	1919	49	2,454	20,537	1,664	33,741	39,202
	1914	67	2,336	25,272	850	14,438	17,600
	1909	87	2,503	24,534	833	12,169	15,966
Printing and publishing	1919	193	595	698	514	551	2,009
	1914	219	663	643	371	314	1,267
	1909	225	736	496	387	300	1,308
Shipbuilding, wooden, including boat building.	1919	9	248	635	360	418	1,028
	1914	11	65	170	31	47	101
	1909	15	91	301	51	66	161
Turpentine and rosin	1919	45	2,495	78	1,574	1,290	5,548
	1914	61	3,275	108	669	580	1,997
	1909	64	2,573	286	582	349	1,475
Wood preserving	1919	4	206	1,180	196	691	1,184
	1914	4	241	1,497	153	1,061	1,479
	1909	3	263	1,275	112	652	1,315
All other industries	1919	167	3,186	8,248	4,092	5,807	12,121
	1914	85	1,093	5,963	488	1,175	2,076
	1909	159	2,194	6,065	711	1,662	3,304
CITIES.							
COLUMBUS	1919	27	549	1,776	361	1,420	2,151
	1914	27	521	2,449	224	747	1,249
GREENVILLE	1919	32	822	3,628	658	2,531	4,420
	1914	25	671	2,688	315	1,177	1,935
HATTIESBURG	1919	36	1,267	4,781	1,038	2,065	4,533
	1914	35	587	2,964	292	666	1,134
	1909	29	648	2,273	297	625	1,251
JACKSON	1919	55	1,326	5,763	1,094	8,285	11,402
	1914	49	943	4,862	460	2,514	3,625
	1909	44	772	3,292	366	1,852	2,960
LAUREL	1919	23	2,223	10,258	2,167	3,346	8,182
	1914	26	2,129	7,115	1,066	1,713	3,372
MERIDIAN	1919	54	2,165	5,443	2,089	5,802	9,590
	1914	51	1,974	5,538	1,017	2,720	4,739
	1909	54	1,524	5,361	702	2,474	4,237
NATCHEZ	1919	22	1,180	2,277	831	1,573	2,717
	1914	24	297	1,158	131	606	896
	1909	27	428	1,481	169	689	1,114
VICKSBURG	1919	34	1,455	4,053	1,600	1,743	4,336
	1914	37	1,009	1,757	534	832	1,673
	1909	47	1,202	2,037	637	1,148	2,229

[1] Includes "canning and preserving, fish," "canning and preserving, fruits and vegetables," and "canning and preserving, oysters," in all years; and also pickles, preserves, and sauces," in 1914 and 1909.
[2] Includes "boxes, wooden packing," and "lumber, planing-mill products, not including planing mills connected with sawmills."

TABLE 29.—DETAILED STATEMENT OF ALL INDUSTRIES

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

	INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
1	All industries	2,455	64,452	2,811	2,201	1,379	501	57,560	Oc 64,736	Ap 52,653	(3)	(3)	(3)	(3)	(3)	*Dollars.* 154,117,337
2	Artificial stone products	3	17	1	2	.....	.....	14	Je 23	Fe[4] 2	23	23	.....	.....	.....	124,245
3	Automobile bodies and parts	4	75	2	9	7	1	56	De 83	Ja 35	82	78	4	.....	.....	126,176
4	Automobile repairing	76	289	100	3	3	6	177	Oc[4] 196	Ap 157	195	188	1	6	.....	306,663
5	Awnings, tents, and sails	3	4	3	.....	.....	.....	1	Ap[4] 2	Ja[5] 0	2	2	.....	.....	.....	4,200
6	Boxes, wooden packing, except cigar boxes.	4	872	.....	32	8	11	821	De 936	Mh 651	936	846	90	.....	.....	1,392,903
7	Bread and other bakery products	82	459	98	19	18	29	295	Oc 308	Ja 283	309	271	25	13	.....	709,029
8	Brick, sewer pipe, and draintile	28	547	37	33	1	4	472	Au 612	Ja 335	606	588	.....	18	.....	1,230,183
9	Brooms, from broom corn	7	35	11	1	2	1	20	My[4] 24	Se 14	35	16	19	.....	.....	18,747
10	Butter	19	152	13	16	9	8	106	Au 139	Ja 68	113	103	9	.....	1	365,850
11	Canning and preserving, fish	11	516	13	13	7	2	481	Oc 671	Je 74	673	176	484	10	3	710,787
12	Canning and preserving, oysters	7	388	1	17	4	2	364	Mh 514	Jy 6	502	122	377	1	2	465,710
13	Canning and preserving, vegetables	10	276	2	17	4	4	249	No 624	My 65	635	249	381	5	.....	417,136
14	Carriage and wagon materials	5	101	5	7	.....	.....	89	Au 112	Ja 64	87	87	.....	.....	.....	86,823
15	Carriages and wagons, including repairs.	14	235	15	12	19	2	187	.....	.....	203	203	.....	.....	.....	614,227
16	Carriages and wagons	7	183	8	10	12	1	152	No 175	Fe 130	169	169	.....	.....	.....	431,002
17	Repair work only	7	52	7	2	7	1	35	Jy[4] 38	Mh[4] 32	34	34	.....	.....	.....	183,225
18	Cars and general shop construction and repairs by electric-railroad companies.	5	18	.....	2	.....	.....	16	Ap[4] 17	Ja[4] 15	17	17	.....	.....	.....	38,897
19	Cars and general shop construction and repairs by steam-railroad companies.	13	4,266	.....	92	107	37	4,030	De 4,287	Jy 3,746	4,224	4,199	25	.....	.....	4,394,222
20	Coffee, roasting and grinding	7	59	5	9	16	1	28	My[4] 29	Fe 26	29	15	14	.....	.....	203,623
21	Confectionery and ice cream	21	238	27	25	16	12	158	.....	.....	173	127	45	1	.....	2,300,856
22	Confectionery	5	110	7	9	6	3	85	Se 99	Fe 66	93	53	40	.....	.....	215,685
23	Ice cream	16	128	20	16	10	9	73	Je 104	Fe 41	80	74	5	1	.....	2,085,171
24	Copper, tin, and sheet-iron work	14	112	13	8	4	3	84	Oc[4] 94	Mh 72	94	90	4	.....	.....	131,634
25	Cotton goods	15	2,500	1	62	18	13	2,406	Ja 2,540	Au 2,297	2,805	1,386	1,273	69	77	6,080,362
26	Fertilizers	9	431	.....	31	25	5	370	Mh 592	Je 241	346	346	.....	.....	.....	4,738,555
27	Flour-mill and gristmill products	54	127	53	7	6	.....	61	Oc[4] 65	Ap 58	62	62	.....	.....	.....	606,420
28	Food preparations, not elsewhere specified.	7	121	8	15	14	3	81	De 112	Ap 66	95	95	.....	.....	.....	515,178
29	Foundry and machine-shop products	43	572	44	31	27	10	460	.....	.....	494	490	3	1	.....	1,565,947
30	Boiler shops and foundries	6	117	4	4	4	2	103	De 111	Mh 94	111	111	.....	.....	.....	206,202
31	Machine shops	25	237	32	11	13	2	179	Au 201	Mh 150	186	185	1	.....	.....	692,847
32	Machine shop and foundry combined.	12	218	8	16	10	6	178	De 196	Ja 167	197	194	2	1	.....	666,898
33	Gas, illuminating and heating	7	160	.....	15	10	13	122	De 133	Mh 106	134	134	.....	.....	.....	1,190,879
34	Ice, manufactured	50	557	29	57	17	7	447	Au 623	Ja 302	479	478	1	.....	.....	2,086,356
35	Lumber and timber products	1,435	39,131	1,854	937	641	187	35,512	De 40,842	Ap 31,042	45,533	45,204	226	94	9	87,841,015
36	Lumber, planing-mill products, not including planing mills connected with sawmills.	65	1,341	72	92	46	29	1,102	De 1,213	Ja 970	1,245	1,238	2	5	.....	2,746,400
37	Marble and stone work, monuments and tombstones.	12	106	18	4	1	5	78	Au[4] 87	Ja 64	85	85	.....	.....	.....	148,402
38	Mattresses and spring beds, not elsewhere specified.	7	55	7	7	1	1	39	No 44	Mh 36	44	35	9	.....	.....	95,585
39	Mineral and carbonated waters	68	637	30	69	35	13	440	Jy[4] 510	Fe 355	441	411	24	6	.....	2,744,257
40	Oil and cake, cottonseed	49	2,800	2	200	115	29	2,454	De 3,319	Au 1,496	3,252	3,142	10	100	.....	12,317,330
41	Patent medicines and compounds	8	16	7	2	.....	1	6	Fe[4] 7	Au[4] 5	6	1	5	.....	.....	12,682
42	Pottery, earthen and stone ware	4	15	3	1	.....	.....	11	(6) 11	(6) 11	11	11	.....	.....	.....	27,250
43	Printing and publishing, book and job.	37	255	35	16	10	11	183	.....	.....	194	144	46	4	.....	458,142
44	Job printing	34	251	31	16	10	11	183	No 195	Fe 175	194	144	46	4	.....	455,842
45	Book publishing without printing.	3	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,300
46	Printing and publishing, newspapers and periodicals.	156	683	173	50	26	22	412	.....	.....	431	319	75	36	1	1,110,634
47	Printing and publishing	13	210	22	20	14	15	139	Oc 141	Mh 137	139	97	18	24	.....	323,032
48	Printing, publishing, and job printing.	136	467	148	27	12	7	273	De 289	Ja 261	292	222	57	12	1	786,777
49	Publishing without printing	7	6	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	825
50	Saddlery and harness	5	34	6	1	.....	.....	27	Ja[4] 53	No[4] 16	16	4	10	1	1	33,002
51	Shipbuilding, wooden, including boat building.	9	308	6	20	29	5	248	Ja 596	Se 65	276	276	.....	.....	.....	393,765
52	Turpentine and rosin	45	2,656	39	96	26	.....	2,495	Au 2,685	De 2,189	2,608	2,540	30	38	.....	3,471,334
53	Upholstering materials, excelsior	3	39	6	2	.....	.....	31	My[4] 37	Ja[4] 22	37	33	.....	4	.....	37,968
54	Wood preserving	4	221	.....	10	4	1	206	My 227	De 182	182	182	.....	.....	.....	911,025
55	All other industries*	30	3,028	22	159	103	23	2,721	.....	.....	.....	.....	.....	.....	.....	10,742,938

*All other industries embrace—

Agricultural implements	2	Clothing, men's	1	Flavoring extracts	1
Belting, leather	1	Coffins, burial cases, and undertakers' goods	2	Furniture	5
Cars, steam-railroad, not including operations of railroad companies	1	Cordage and twine	1	Knit goods	1
		Druggists' preparations	1	Millinery, trimmed hats and hat frames	1

[1] Includes water wheels and turbines (irrespective of ownership of water supply) and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).
[3] No figures given for reasons stated under "Explanation of terms."

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
Dollars. 5,242,807	*Dollars.* 2,684,012	*Dollars.* 51,255,716	*Dollars.* 2,684,155	*Dollars.* 221,169	*Dollars.* 4,377,213	*Dollars.* 93,682,626	*Dollars.* 2,995,245	*Dollars.* 197,746,987	*Dollars.* 101,069,116	200,814	170,894	13,096	2,957	181	13,686	21,185	1
5,720	678	13,465	600	199	1,642	34,269	822	65,097	30,006	5	.....	.....	.....	.....	5	.....	2
15,512	6,527	48,987	.....	3,360	5,662	70,083	1,866	177,677	105,728	211	140	.....	.....	.....	71	.....	3
2,100	6,472	215,637	3,273	23,360	7,062	163,014	13,111	686,164	510,039	472	.....	.....	248	.....	224	8	4
.....	.....	254	.....	710	29	3,597	96	4,930	1,237	6	.....	.....	.....	.....	6	.....	5
45,677	19,575	624,388	.....	1,200	3,724	509,287	6,782	1,059,191	543,122	1,340	1,340	.....	.....	.....	.....	900	6
33,211	36,451	248,577	3,800	26,751	7,918	1,400,805	49,572	2,189,341	738,964	662	3	.....	15	.....	644	.....	7
55,745	14,418	364,947	.....	160	10,055	116,570	175,222	925,222	633,430	1,702	1,680	.....	22	.....	.....	.....	8
900	2,822	16,880	.....	515	152	35,298	504	75,163	39,361	27	.....	.....	12	.....	15	.....	9
27,826	16,012	99,825	.....	5,524	4,158	1,865,970	28,645	2,248,099	353,484	501	187	1	12	.....	301	.....	10
26,900	10,088	169,561	2,513	1,370	5,195	606,791	19,617	882,132	255,724	418	408	.....	.....	.....	10	.....	11
34,142	6,983	111,178	46,358	900	10,679	409,547	21,381	796,920	365,992	209	207	.....	.....	.....	2	.....	12
30,512	8,098	93,806	.....	270	1,480	451,937	8,461	624,312	163,914	219	203	.....	.....	.....	16	.....	13
12,300	.....	63,273	9,067	50	1,181	81,314	110	172,169	90,745	172	172	.....	.....	.....	.....	.....	14
46,411	32,771	172,564	4,508	1,388	63,677	365,964	9,680	933,042	557,398	534	295	.....	79	.....	160	.....	15
28,411	21,321	140,117	.....	1,040	58,413	336,716	6,923	757,782	414,143	425	295	.....	31	.....	99	.....	16
18,000	11,450	32,447	4,508	348	5,264	29,248	2,757	175,260	143,255	109	.....	.....	48	.....	61	.....	17
2,700	.....	18,942	.....	.....	486	13,802	1,231	40,556	25,523	48	10	.....	.....	.....	38	.....	18
259,869	224,958	5,648,985	.....	.....	15,333	3,853,543	205,343	10,225,791	6,166,905	4,433	1,557	.....	.....	.....	2,876	.....	19
17,095	21,857	12,850	.....	1,965	4,051	470,760	2,821	620,137	146,556	49	.....	.....	.....	.....	49	.....	20
62,463	29,293	108,333	2,403	7,260	23,969	670,704	34,896	1,211,067	505,467	645	443	.....	25	.....	177	.....	21
25,370	13,452	43,546	.....	2,370	5,228	266,775	7,964	454,491	179,752	36	23	.....	.....	.....	13	.....	22
37,093	15,841	64,787	2,403	4,890	18,741	403,929	26,932	756,576	325,715	609	420	.....	25	.....	164	.....	23
11,470	5,453	87,828	.....	4,050	1,725	151,720	1,511	462,238	309,007	34	.....	.....	.....	.....	34	.....	24
163,595	43,166	1,537,147	400	.....	457,764	4,786,440	187,667	8,066,769	3,092,662	6,939	6,030	.....	6	.....	903	647	25
86,880	36,568	284,818	.....	4,800	159,357	2,612,394	55,654	3,626,674	958,626	2,316	588	.....	.....	.....	1,728	47	26
14,045	7,068	48,678	150	3,391	14,847	1,879,641	17,167	2,091,663	194,855	1,634	450	.....	455	.....	729	.....	27
32,184	24,456	53,357	.....	2,225	9,531	1,417,567	5,981	1,683,572	260,024	473	30	.....	65	.....	378	.....	28
99,986	38,803	589,743	150	4,830	29,369	801,689	48,447	1,785,569	935,433	1,240	405	.....	148	.....	687	88	29
11,900	6,001	132,566	.....	300	6,542	133,433	12,446	364,706	218,827	245	40	.....	.....	.....	205	5	30
35,320	16,490	199,851	150	1,920	6,136	323,704	17,106	666,844	326,034	593	315	.....	98	.....	180	83	31
52,766	16,402	257,326	.....	2,610	16,691	344,552	18,895	754,019	390,572	402	50	.....	50	.....	302	.....	32
22,535	16,293	99,945	100	3,420	16,174	37,254	166,717	411,344	207,373	228	167	.....	.....	.....	61	.....	33
89,631	25,609	371,546	100	2,039	61,042	219,950	348,935	1,515,223	946,338	6,298	5,759	.....	150	.....	389	129	34
2,507,943	1,133,671	30,995,202	2,486,895	46,092	2,457,696	26,060,008	385,514	87,508,229	61,062,707	132,508	122,591	8,275	1,090	179	373	14,860	35
231,433	78,758	811,333	29,192	6,677	93,280	3,473,739	14,677	5,933,133	2,444,717	6,003	5,205	260	20	.....	518	48	36
6,778	8,408	59,297	1,821	2,822	1,775	190,324	4,963	389,642	194,355	114	.....	.....	10	.....	104	.....	37
10,750	845	27,801	240	2,083	2,359	127,913	1,748	207,939	78,278	120	.....	.....	.....	.....	120	.....	38
159,380	62,226	268,736	905	15,703	162,144	1,653,949	55,559	3,333,437	1,623,929	1,148	502	.....	42	.....	604	50	39
502,996	212,964	1,663,938	15,241	5,082	448,343	32,912,771	828,575	39,202,188	5,460,842	20,537	18,750	550	61	.....	1,176	1,467	40
4,200	600	2,552	.....	660	305	11,728	86	29,499	17,685	.....	.....	.....	.....	.....	.....	.....	41
1,200	.....	8,350	.....	.....	341	7,908	1,780	25,089	15,401	40	40	.....	.....	.....	.....	.....	42
36,159	18,064	172,587	14,103	11,409	6,311	226,172	7,597	661,719	427,950	187	.....	.....	5	.....	182	.....	43
36,159	18,064	172,587	10,499	11,409	6,309	226,137	7,597	654,894	421,160	187	.....	.....	5	.....	182	.....	44
.....	.....	.....	3,604	.....	2	35	.....	6,825	6,790	.....	.....	.....	.....	.....	.....	.....	45
104,836	51,938	341,665	10,733	22,670	18,239	292,267	25,084	1,347,777	1,030,426	511	.....	.....	162	.....	349	1	46
55,857	28,855	108,411	200	5,882	7,126	86,302	7,106	478,225	384,817	136	.....	.....	5	.....	131	.....	47
47,379	23,083	233,254	1,916	16,488	11,113	205,538	17,978	852,227	628,711	375	.....	.....	157	.....	218	1	48
1,600	.....	.....	8,617	300	.....	427	.....	17,325	16,898	.....	.....	.....	.....	.....	.....	.....	49
2,460	.....	9,894	.....	1,260	425	15,722	547	41,479	25,210	20	.....	.....	.....	2	18	2	50
66,733	50,294	359,597	.....	731	896	393,356	24,806	1,028,361	610,199	635	437	.....	11	.....	187	1	51
131,001	31,979	1,574,063	51,003	776	148,968	1,276,579	13,822	5,547,813	4,257,412	78	20	.....	58	.....	.....	.....	52
3,600	.....	18,335	.....	.....	232	21,142	3,715	66,383	41,526	330	330	.....	.....	.....	.....	.....	53
28,429	5,931	195,525	.....	.....	15,554	625,107	65,787	1,184,246	493,352	1,180	1,080	.....	.....	.....	100	178	54
245,500	393,225	3,641,327	600	5,467	104,083	3,364,031	148,746	8,659,991	5,147,214	6,588	1,865	4,010	261	.....	452	2,759	55

Models and patterns, not including paper patterns	1	Scales and balances	1	Tools, not elsewhere specified	1
Paper and wood pulp	1	Shipbuilding, steel	1	Vinegar and cider	1
Pickles and sauces	1	Slaughtering	1	Wood distillation	2
Saws	1	Sugar, cane	1	Wood, turned and carved	1

[4] Same number reported for one or more other months.
[5] None reported for one or more other months.
[6] Same number reported throughout the year.

TABLE 29.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
						Male.	Female.	Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.		Male.	Female.	Male.	Female.	
	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
1	BILOXI	33	879	34	39	14	5	787	Oc 1,067	Je 211	1,079	408	668	1	2	*Dollars.* 1,268,293
2	COLUMBUS	27	652	25	40	27	11	549	Ja 632	Je 434	571	496	64	5	6	1,312,819
3	GREENVILLE	32	941	36	39	31	13	822	De 952	Mh 723	954	896	55	3	.....	3,904,601
4	HATTIESBURG	36	1,358	21	29	31	10	1,267	Ja 1,347	Au 1,189	1,241	1,228	11	2	.....	3,100,518
5	JACKSON	55	1,575	34	94	82	39	1,326	Oc 1,551	Je 1,094	1,493	1,398	56	38	6	6,245,549
6	LAUREL	23	2,432	8	103	76	22	2,223	De 2,490	Fe 1,880	2,848	2,434	354	30	30	9,802,246
7	MERIDIAN	54	2,458	45	130	81	37	2,165	Mh 2,322	Au 1,995	2,192	1,854	259	10	69	6,687,067
8	NATCHEZ	22	1,291	20	48	26	17	1,180	De 1,313	Fe 1,048	1,317	1,113	204	.....	.....	2,183,787
9	VICKSBURG	34	1,610	25	70	42	18	1,455	No 1,544	Fe 1,345	1,549	1,425	120	4	.....	3,033,987

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam-turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
77,877	19,738	382,401	49,111	5,142	22,927	1,039,104	95,167	1,941,629	807,358	986	811	.....	12	.....	163	12	1
81,034	43,990	360,797	1,584	7,186	35,172	1,372,849	47,009	2,150,568	730,710	1,776	1,430	60	.....	.....	286	.....	2
129,450	52,568	657,645	122,261	11,662	87,638	2,439,494	91,817	4,419,662	1,888,351	3,628	2,780	.....	25	2	821	62	3
73,686	53,731	1,038,018	83,737	8,615	136,515	1,948,552	116,407	4,533,382	2,468,423	4,781	2,775	.....	15	.....	1,991	600	4
240,959	170,627	1,093,716	6,009	68,842	102,279	8,094,632	190,147	11,401,869	3,117,090	5,763	4,917	.....	15	.....	831	579	5
257,895	149,638	2,166,819	60,850	7,397	470,285	3,251,692	94,766	8,182,357	4,835,901	10,258	9,213	375	45	.....	625	1,884	6
348,039	138,966	2,089,362	9,597	19,369	230,607	5,610,776	191,044	9,589,986	3,788,166	5,443	2,030	200	.....	.....	3,213	40	7
92,149	49,659	831,093	.....	6,590	27,290	1,510,525	62,681	2,717,187	1,143,981	2,277	2,058	.....	25	.....	194	923	8
183,983	83,149	1,600,289	4,808	7,689	84,288	1,595,684	147,545	4,336,392	2,593,163	4,053	3,037	.....	25	.....	991	822	9

[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MISSOURI.

GENERAL STATISTICS.

General character of the state.—Missouri has a gross area of 69,420 square miles, of which 68,727 represent land surface. The inhabitants of the state in 1900 numbered 3,106,665; in 1910, 3,293,335; and in 1920, 3,404,055. In total population Missouri ranked ninth among the states in 1920. The number of inhabitants per square mile in 1910 was 47.9, the corresponding figure for 1920 being 49.5.

In 1920 there were 13 cities in the state—Cape Girardeau, Carthage, Columbia, Hannibal, Independence, Jefferson City, Joplin, Kansas City, Moberly, St. Joseph, St. Louis, Sedalia, and Springfield—having more than 10,000 inhabitants. The combined population of these 13 cities in that year was 1,354,925, which formed 39.8 per cent of the total population for Missouri. In 1919 these cities reported 75.6 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The large increases in salaries and wages, cost of materials, and value of products from 1914 to 1919, as presented in Table 1, are largely due to the changes in industrial conditions brought about by the World War, and therefore can not properly be used to measure the growth of manufactures during the census period 1914 to 1919. The increases shown, however, in number of wage earners and horsepower are indicative of a decided growth in the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of the totals for the 114 counties in 1919 with those for prior censuses. St. Louis, an independent city, is included in this table in order to show the complete statistics for the state. This city alone reported 55.3 per cent of the average number of wage earners in the state, and 54.7 per cent of the value of products.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is not always satisfactory as indicating their importance from a manufacturing standpoint. Their ranking in many instances would change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 31.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 1,500 or more wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—During the census period 1914 to 1919 all cities for which comparative figures are given show increases in value of products, due largely to the increased value of commodities at the later period.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months for selected industries, similar data are given for males and females for all industries combined, and for each of the 13 cities shown in the table. The table also shows a number of industries in the state in 1919 which employed a large number of female wage earners. Of the total number of female wage earners in the state, 88.4 per cent were in the 13 cities, while of the male wage earners, only 72.9 per cent were reported by the cities.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Missouri. In that year only 18.8 per cent of the wage earners were included in the group "48 and under," as against 46.6 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 23.9 per cent of the total wage earners, as compared with 9 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 95.5 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 34.6 per cent of the total number of

wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 4.5 per cent of the total number of manufacturing establishments in the state, but reported 65.4 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at "$100,000 to $1,000,000" constituted one group, but at the census of 1919 this group was subdivided into "$100,000 to $500,000" and "$500,000 to $1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups for all items for 1909, and for the average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine the establishments of one group of the industry with those of some other group of that industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table. Although corporations owned but 32.6 per cent of the number of establishments in the state in 1919, they reported 89.4 per cent of the average number of wage earners and 92.9 per cent of the total value of products. During the five-year period 1914 to 1919 the average number of wage earners in corporations increased 41,186, or 30.9 per cent, and the value of products, $906,046,660, or 157.6 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in these 13 cities in 1919 represented 58.3 per cent of the total in the state. They reported in that year 76.7 per cent of the average number of wage earners and 75.6 per cent of the value of products. These proportions do not differ materially from those of 1914.

Principal industries in Kansas City, St. Joseph, and St. Louis, with per cent of total for state (Table 16).—This table presents the principal industries in each of the three cities in the state having 50,000 inhabitants or more in 1920, the figures being given for those which can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 85,918 horsepower, or 22 per cent. This increase, however, is due to the gain of 95,840 horsepower, or 111 per cent, in rented power, since owned power decreased 9,922 horsepower, or 3.3 per cent, during the five-year period. Of the total horsepower in 1914, 77.9 per cent was owned power and 22.1 per cent rented. The corresponding proportions for 1919 were 61.8 per cent and 38.2 per cent, respectively.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. In 1919 six industries combined—brick and tile, terra-cotta, and fire-clay products; steam-railroad repair shops; cement; flour and grist mills; manufactured gas; and slaughtering and meat packing—consumed 54.1 per cent of the bituminous coal.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	8,592	8,386	8,375	6,464	6,853	2.5	0.1	29.6	−5.7
Persons engaged	244,939	188,266	185,705	156,585	(2)	30.1	1.4	18.6	.....
Proprietors and firm members	7,676	7,698	8,226	6,299	(2)	−0.3	−6.4	30.6	.....
Salaried employees	42,226	28,386	24,486	17,119	12,474	48.8	15.9	43.0	37.2
Wage earners (average number)	195,037	152,182	152,993	133,167	107,704	28.2	−0.5	14.9	23.6
Primary horsepower	477,303	391,385	340,467	247,861	189,117	22.0	15.0	37.4	31.1
Capital	$938,760,773	$522,548,083	$444,343,135	$379,368,827	$223,781,088	79.7	17.6	17.1	69.5
Salaries and wages	275,560,003	126,494,933	109,836,698	85,646,364	60,008,556	117.8	15.2	28.2	42.7
Salaries	79,044,650	37,297,456	28,993,922	19,002,238	13,294,822	111.9	28.6	52.6	42.9
Wages	196,515,353	89,197,477	80,842,776	66,644,126	46,713,734	120.3	10.3	21.3	42.7
Paid for contract work	4,338,793	2,602,416	2,667,451	2,649,428	(2)	66.7	−2.4	0.7	.....
Rent and taxes	62,450,247	18,023,569	14,617,099	[3] 1,681,955	(2)	246.5	23.3	.....	.....
Cost of materials	1,056,457,164	388,714,859	354,411,151	252,258,417	184,189,030	171.8	9.7	40.0	37.0
Value of products	1,594,208,338	637,952,128	574,111,070	439,548,957	316,304,095	149.9	11.1	30.6	39.0
Value added by manufacture [4]	537,751,174	249,237,269	219,699,919	187,290,540	132,115,065	115.8	13.4	17.3	41.8

[1] A minus sign (−) denotes decrease. [2] Figures not available. [3] Exclusive of internal revenue. [4] Value of products less cost of materials.

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	8,592	195,037	$196,515,353	$62,450,247	$1,056,457,164	$1,594,208,338	$537,751,174	477,303
Adair	43	482	346,237	41,364	2,536,047	3,343,447	807,400	750
Andrew	13	70	35,134	3,539	76,055	139,898	63,843	942
Atchison	11	34	23,836	15,581	169,792	278,215	108,423	278
Audrain	40	853	719,471	92,555	2,273,273	3,995,406	1,722,133	1,731
Barry	69	516	515,187	31,569	927,096	1,711,623	784,527	2,127
Barton	24	147	144,279	5,033	265,941	449,998	184,057	923
Bates	33	87	61,436	5,835	202,455	364,816	162,361	511
Benton	13	17	11,372	1,246	76,916	118,259	41,343	132
Bollinger	40	140	90,896	1,466	294,886	514,402	219,516	1,025
Boone	47	439	294,916	52,066	1,677,313	2,464,786	787,473	1,347
Buchanan	233	11,479	12,414,347	1,793,724	176,495,178	204,590,961	28,095,783	26,672
Butler	34	1,104	895,060	120,383	2,132,862	4,024,049	1,891,187	3,606
Caldwell	29	48	43,746	4,212	130,973	225,911	94,938	218
Callaway	24	252	218,302	18,881	783,222	1,218,891	435,669	744
Camden	7	9	3,260	256	55,768	69,096	13,328	97
Cape Girardeau	99	1,992	1,612,948	279,619	8,346,034	12,409,073	4,063,039	8,739
Carroll	35	67	84,010	5,961	387,661	544,793	157,132	479
Carter	15	419	487,657	11,398	1,117,713	1,649,198	531,485	2,941
Cass	33	120	119,025	6,323	418,612	649,677	231,065	1,220
Cedar	22	23	16,419	1,687	161,664	223,537	61,873	396
Chariton	46	75	60,617	13,197	272,763	439,238	166,475	768
Christian	38	85	39,885	4,105	596,666	725,575	128,909	765
Clark	14	69	48,774	4,200	433,341	597,793	164,452	262
Clay	53	1,080	1,107,204	137,496	8,014,364	10,685,568	2,671,204	3,626
Clinton	26	101	74,122	6,286	303,197	435,054	131,857	284
Cole	55	1,728	1,239,476	123,838	7,484,104	10,373,241	2,889,137	2,466
Cooper	41	230	153,569	45,885	831,853	1,234,572	402,719	1,095
Crawford	14	16	11,846	1,678	213,283	257,626	44,343	205
Dade	20	19	16,798	2,296	156,002	218,004	62,002	431
Dallas	11	16	13,780	595	113,273	143,898	30,625	246
Daviess	16	51	38,373	4,579	323,585	422,839	99,254	167
De Kalb	15	9	6,923	1,626	53,141	86,540	33,399	254
Dent	24	165	259,152	11,687	945,980	1,298,380	352,400	889
Douglas	35	75	32,681	2,563	367,215	531,390	164,175	743
Dunklin	38	490	398,758	44,428	840,549	1,547,741	707,192	1,891
Franklin	59	1,172	812,362	188,474	6,328,765	8,119,558	1,790,793	2,968
Gasconade	23	267	161,682	14,621	2,405,650	2,758,413	352,763	804
Gentry	25	80	101,463	5,546	105,716	280,827	175,111	251
Greene	145	4,450	4,780,099	370,265	16,842,274	25,608,705	8,766,431	10,469
Grundy	23	358	439,269	6,036	1,164,693	1,667,072	502,379	552
Harrison	18	29	19,452	3,944	88,280	151,567	63,287	246
Henry	59	480	436,415	20,498	1,614,727	2,468,473	853,746	2,214
Hickory	6	7	4,960	223	159,002	188,242	29,240	154
Holt	17	30	25,699	3,409	202,362	806,681	604,319	73
Howard	26	81	71,119	12,977	893,503	1,136,285	242,782	484
Howell	41	102	65,356	10,406	1,415,242	1,657,460	242,218	741
Iron	58	241	190,254	4,892	189,964	585,650	395,686	1,816
Jackson	1,052	23,856	26,130,155	7,747,663	148,337,318	221,936,283	73,598,965	57,027
Jasper	254	3,450	3,171,071	768,491	20,917,267	30,999,559	10,082,292	12,071
Jefferson	44	3,244	3,723,531	564,290	7,902,953	13,807,347	5,904,394	17,474
Johnson	35	145	101,829	34,100	2,976,907	3,402,781	425,874	907
Knox	9	40	31,442	2,101	100,353	174,880	74,527	72
Laclede	28	75	44,583	2,749	351,331	481,613	130,282	541
Lafayette	56	155	130,880	38,380	1,960,656	2,365,532	404,876	1,272
Lawrence	53	210	152,730	52,010	3,808,623	4,371,941	563,318	1,730
Lewis	27	201	156,250	9,285	196,459	442,384	245,925	423
Lincoln	24	70	70,457	4,725	217,599	357,371	139,772	772
Linn	58	518	364,985	59,037	1,930,156	2,931,727	1,001,571	578
Livingston	39	278	198,245	17,722	1,498,878	2,013,535	514,657	1,169
McDonald	39	72	52,250	3,386	384,612	536,507	151,895	653
Macon	51	91	72,230	8,231	432,453	613,381	180,928	535
Madison	34	374	362,340	9,471	1,167,536	1,147,940	[1] 19,596	3,229
Maries	9	6	2,594	252	65,944	76,553	10,609	155
Marion	85	3,847	4,309,149	351,942	12,077,967	21,394,577	9,316,610	17,938
Mercer	8	10	7,084	1,096	22,332	48,542	26,210	39
Miller	21	253	196,234	13,433	715,715	1,075,603	359,888	567
Mississippi	17	78	78,804	23,934	883,637	1,220,259	336,622	568
Moniteau	31	142	145,974	9,051	848,867	1,108,495	259,628	529
Monroe	21	39	30,365	2,931	75,241	160,843	85,602	284
Montgomery	30	173	149,023	15,583	798,746	1,171,671	372,925	1,440
Morgan	20	109	103,269	2,231	398,784	478,803	80,019	806
New Madrid	47	1,029	653,497	110,071	975,661	2,486,233	1,510,572	3,499
Newton	63	219	170,856	25,210	1,865,637	2,319,648	454,011	1,592
Nodaway	43	148	108,324	25,227	337,922	616,897	278,975	618
Oregon	18	15	10,111	1,196	92,838	131,151	38,313	326
Osage	28	68	32,631	4,832	416,299	569,681	153,382	725
Ozark	11	6	2,984	310	37,392	67,928	30,536	203
Pemiscot	28	723	527,472	54,447	1,099,729	2,245,994	1,146,265	2,589
Perry	47	97	64,966	6,411	638,304	893,241	254,937	1,017
Pettis	74	2,608	3,257,888	103,763	5,739,130	9,848,299	4,109,169	5,202

[1] Loss.

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919—Continued.

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
Phelps	24	30	$21,924	$3,832	$224,213	$283,145	$58,932	425
Pike	43	533	517,709	58,839	2,121,311	3,760,696	1,639,385	2,001
Platte	17	52	44,990	3,059	906,718	1,075,321	168,603	648
Polk	24	40	33,157	3,765	504,691	609,657	104,966	538
Pulaski	18	35	15,410	1,680	130,758	176,340	45,582	197
Putnam	19	27	19,949	3,094	94,674	162,716	68,042	135
Ralls	6	6	3,914	922	9,426	26,314	16,888	15
Randolph	36	1,460	1,636,040	85,806	3,790,111	6,342,315	2,552,204	2,276
Ray	30	77	64,118	8,889	356,766	487,799	131,033	378
Reynolds	77	466	390,261	17,964	332,775	1,375,673	1,042,898	2,464
Ripley	24	105	80,402	5,081	188,774	431,543	242,769	630
St. Charles	40	1,400	1,259,738	714,202	7,439,396	10,542,663	3,103,267	3,376
St. Clair	30	29	28,015	1,947	107,184	187,636	80,452	398
St. Francois	41	222	189,073	14,117	940,243	1,344,666	404,423	1,091
St. Louis	153	6,882	7,330,837	1,025,477	10,590,002	26,688,812	16,098,810	25,131
St. Louis city [1]	3,205	107,919	108,557,326	46,680,451	540,826,347	871,700,438	330,874,091	195,607
Ste. Genevieve	35	259	237,199	28,469	1,684,015	2,326,622	642,607	1,012
Saline	43	650	745,200	48,667	5,165,669	6,177,342	1,011,673	1,620
Schuyler	20	10	6,508	1,073	57,099	82,710	25,611	209
Scotland	11	61	47,934	1,360	61,128	129,083	67,955	129
Scott	31	539	380,631	45,560	4,109,528	5,140,012	1,030,484	1,969
Shannon	26	279	219,571	9,595	181,527	504,657	323,130	1,068
Shelby	17	27	25,838	2,426	103,432	180,545	77,113	273
Stoddard	58	505	385,111	13,204	2,008,657	2,859,633	850,976	2,554
Stone	42	285	96,388	5,940	311,057	596,846	285,789	961
Sullivan	20	13	11,671	1,716	58,880	99,880	41,000	138
Taney	16	26	23,733	1,152	59,678	120,494	60,816	391
Texas	50	57	41,504	2,145	416,474	573,548	157,074	971
Vernon	43	361	454,230	11,015	489,306	1,140,850	651,544	838
Warren	14	27	28,297	1,204	48,385	107,339	58,954	199
Washington	20	90	77,761	13,045	793,201	1,345,916	552,715	573
Wayne	40	62	55,028	3,394	296,993	426,173	129,180	714
Webster	65	211	71,443	4,331	550,369	720,179	169,810	767
Worth	12	12	7,930	1,554	37,357	71,872	34,515	64
Wright	28	127	44,684	13,263	1,298,819	1,499,276	200,457	561

[1] An independent city, included to complete the statistics for the state.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries	8,592	195,037	100.0	$1,594,208	100.0	$537,751	100.0
Slaughtering and meat packing	49	8,290	4.3	246,610	15.5	18,601	3.5
Flour-mill and gristmill products	690	3,015	1.5	113,297	7.1	15,113	2.8
Boots and shoes, not including rubber boots and shoes	54	17,458	9.0	109,193	6.9	32,268	6.0
Automobiles	8	1,865	1.0	62,625	3.9	12,500	2.3
Foundry and machine-shop products	301	9,530	4.9	49,471	3.1	29,489	5.5
Cars, steam-railroad, not including operations of railroad companies	8	4,307	2.2	46,854	2.9	15,065	2.8
Tobacco, chewing and smoking, and snuff	11	2,752	1.4	44,922	2.8	19,421	3.6
Bread and other bakery products	975	6,156	3.2	43,839	2.7	17,483	3.2
Bags, other than paper, not including bags made in textile mills	10	1,752	0.9	38,021	2.4	5,301	1.0
Clothing, men's	112	6,823	3.5	35,839	2.2	13,663	2.5
Cars and general shop construction and repairs by steam-railroad companies	45	13,471	6.9	33,021	2.1	20,294	3.8
Coffee, roasting and grinding	40	814	0.4	30,070	1.9	7,012	1.3
Printing and publishing, newspapers and periodicals	774	4,183	2.2	30,012	1.9	18,152	3.4
Boot and shoe cut stock	7	1,593	0.8	28,696	1.8	2,221	0.4
Printing and publishing, book and job	460	5,866	3.0	25,880	1.6	16,642	3.1
Petroleum, refining	4	930	0.5	24,611	1.5	3,495	0.6
Liquors, malt	20	2,930	1.5	24,366	1.5	20,642	3.8
Confectionery and ice cream	220	3,669	1.9	23,498	1.5	10,570	2.0
Food preparations, not elsewhere specified	87	1,454	0.7	23,463	1.5	5,256	1.0
Butter	66	686	0.4	22,148	1.4	2,112	0.4
Electrical machinery, apparatus, and supplies	35	6,367	3.3	22,008	1.4	13,845	2.6
Clothing, women's	116	3,308	1.7	18,434	1.2	6,940	1.3
Furniture	86	3,373	1.7	16,155	1.0	7,831	1.5
Stoves and hot-air furnaces	19	2,462	1.3	15,340	1.0	9,274	1.7
Patent medicines and compounds	142	1,040	0.5	14,591	0.9	9,400	1.7
Paints	30	898	0.5	14,531	0.9	4,813	0.9
Lumber and timber products	557	5,283	2.7	14,026	0.9	9,101	1.7
Chemicals	22	1,253	0.6	13,538	0.8	5,821	1.1
Iron and steel, steel works and rolling mills	5	2,647	1.4	12,537	0.8	6,876	1.3
Lumber, planing-mill products, not including planing mills connected with sawmills	111	2,895	1.5	12,318	0.8	5,523	1.0
Cement	5	1,788	0.9	11,738	0.7	6,168	1.1
Shirts	19	2,715	1.4	11,705	0.7	4,440	0.8
Brick and tile, terra-cotta, and fire-clay products	65	4,469	2.3	11,456	0.7	7,538	1.4
Gas, illuminating and heating	26	1,318	0.7	11,113	0.7	8,117	1.5
Saddlery and harness	88	1,215	0.6	9,450	0.6	3,112	0.6
Automobile bodies and parts	78	1,375	0.7	9,315	0.6	4,496	0.8
Boxes, paper and other, not elsewhere specified	41	2,369	1.2	8,857	0.6	3,901	0.7
Soap	7	652	0.3	$8,556	0.5	$2,888	0.5
Brass and bronze products	21	608	0.3	8,208	0.5	2,350	0.4
Copper, tin, and sheet-iron work	180	1,208	0.6	8,146	0.5	3,594	0.7
Wirework, including wire rope and cable, not elsewhere specified	24	1,010	0.5	7,790	0.5	2,972	0.6
Millinery and lace goods, not elsewhere specified	42	1,809	0.9	7,434	0.5	3,288	0.6
Boxes, wooden packing, except cigar boxes	29	1,827	0.9	7,312	0.5	3,136	0.6
Explosives	5	566	0.3	7,172	0.4	3,687	0.7
Glass	4	2,034	1.1	6,927	0.4	4,367	0.8
Ice, manufactured	129	1,174	0.6	6,505	0.4	4,397	0.8
Tinware, not elsewhere specified	10	1,516	0.8	6,124	0.4	2,426	0.5
Awnings, tents, and sails	23	771	0.4	5,824	0.4	2,038	0.4
Structural ironwork, not made in steel works or rolling mills	35	1,063	0.5	5,544	0.3	2,597	0.5
Stamped ware, not elsewhere specified	7	662	0.3	5,427	0.3	2,454	0.5
Automobile repairing	417	1,283	0.7	5,212	0.3	3,135	0.6
Cooperage	30	677	0.3	5,161	0.3	1,908	0.4
Druggists' preparations	36	646	0.3	4,832	0.3	2,242	0.4
Pickles, preserves, and sauces	11	346	0.2	4,818	0.3	798	0.1
Boot and shoe findings	12	484	0.2	4,576	0.3	1,170	0.2
Carriages and wagons, including repairs	113	885	0.5	4,446	0.3	1,982	0.4
Oleomargarine and other butter substitutes	4	197	0.1	4,415	0.3	728	0.1
Trunks and valises	20	877	0.4	4,279	0.3	1,882	0.3
Oil, not elsewhere specified	5	99	0.1	4,175	0.3	1,230	0.2
Engines, steam, gas, and water	10	782	0.4	4,166	0.3	2,665	0.5
Rubber tires, tubes, and rubber goods, not elsewhere specified	7	621	0.3	3,865	0.2	1,387	0.3
Marble and stone work	154	840	0.4	3,803	0.2	2,080	0.4
Leather, tanned, curried, and finished	7	265	0.1	3,770	0.2	824	0.2
Mineral and soda waters	178	476	0.2	3,598	0.2	2,056	0.4
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	6	142	0.1	3,308	0.2	359	0.1
Coffins, burial cases, and undertakers' goods	16	608	0.3	3,253	0.2	1,469	0.3
Bookbinding and blank-book making	39	977	0.5	3,195	0.2	1,863	0.3
Furnishing goods, men's	12	374	0.2	2,893	0.2	1,102	0.2
Tobacco, cigars	279	932	0.5	2,830	0.2	1,541	0.3
Cars and general shop construction and repairs by electric-railroad companies	8	1,162	0.6	2,719	0.2	1,485	0.3
Steam fittings and steam and hot-water heating apparatus	6	622	0.3	2,597	0.2	1,380	0.3
Hats, straw	10	384	0.2	2,464	0.2	1,245	0.2
Mattresses and spring beds, not elsewhere specified	28	348	0.2	2,407	0.2	1,006	0.2
Lime	16	736	0.4	2,090	0.1	1,298	0.2
Varnishes	7	93	(1)	2,027	0.1	673	0.1
All other industries [2]	1,259	22,962	11.8	128,791	8.1	57,553	10.7

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

[2] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 10 having products in excess of some for which figures are shown in the table. These industries are as follows: "Babbitt and type metal"; "cars, electric-railroad, not including operations of railroad companies"; "chewing gum"; "coal-tar products"; "cordials and flavoring sirups"; "cotton goods"; "iron and steel, blast furnaces"; "jute goods"; "smelting, lead"; and "stationery goods, not elsewhere specified."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	244,939	186,828	58,111	76.3	23.7
	1914	188,266	150,451	37,815	79.9	20.1
	1909	185,705	150,750	34,955	81.2	18.8
Proprietors and officials	1919	19,207	18,471	736	96.2	3.8
	1914	14,809	14,340	469	96.8	3.2
	1909	14,820	14,423	397	97.3	2.7
Proprietors and firm members	1919	7,676	7,428	248	96.8	3.2
	1914	7,698	7,426	272	96.5	3.5
	1909	8,226	7,989	237	97.1	2.9
Salaried officers of corporations	1919	4,282	4,083	199	95.4	4.6
	1914	3,328	3,209	119	96.4	3.6
	1909	3,010	2,924	86	97.1	2.9
Superintendents and managers	1919	7,249	6,960	289	96.0	4.0
	1914	3,783	3,705	78	97.9	2.1
	1909	3,584	3,510	74	97.9	2.1
Clerks and other subordinate salaried employees	1919	30,695	20,722	9,973	67.5	32.5
	1914	21,275	16,483	4,792	77.5	22.5
	1909	17,892	14,061	3,831	78.6	21.4
Wage earners (average number)	1919	195,037	147,635	47,402	75.7	24.3
	1914	152,182	119,628	32,554	78.6	21.4
	1909	152,993	122,266	30,727	79.9	20.1
16 years of age and over	1919	192,886	146,317	46,569	75.9	24.1
	1914	150,390	118,650	31,740	78.9	21.1
	1909	149,175	119,980	29,195	80.4	19.6
Under 16 years of age	1919	2,151	1,318	833	61.3	38.7
	1914	1,792	978	814	54.6	45.4
	1909	3,818	2,286	1,532	59.9	40.1

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	195,037	75.0	23.9	1.1
	1914	152,182	79.0	19.9	1.1
	1909	152,993	78.4	19.1	2.5
Automobiles	1919	1,865	97.2	2.8	.....
	1914	327	98.8	1.2	.....
Bags, other than paper, not including bags made in textile mills.[1]	1919	1,752	30.9	67.1	2.0
Boot and shoe cut stock[1]	1919	1,593	69.8	29.3	0.9
Boots and shoes, not including rubber boots and shoes.	1919	17,458	56.5	42.3	1.2
	1914	13,169	61.2	37.4	1.4
Boxes, paper and other, not elsewhere specified.	1919	2,369	38.5	58.9	2.6
	1914	1,092	29.0	63.0	8.0
Boxes, wooden packing, except cigar boxes.	1919	1,827	85.7	12.5	1.8
	1914	1,051	91.4	1.6	6.9
Bread and other bakery products	1919	6,156	61.3	37.3	1.4
	1914	5,269	65.5	33.2	1.3
Brick and tile, terra-cotta, and fire-clay products.	1919	4,469	99.6	0.3	0.1
	1914	5,188	99.3	0.2	0.5
Cars and general shop construction and repairs by steam-railroad companies.	1919	13,471	99.4	0.1	0.5
	1914	9,721	99.9	0.1	.....
Cars, steam-railroad, not including operations of railroad companies.[1]	1919	4,307	99.4	0.6	.....
Cement[1]	1919	1,788	96.5	3.4	0.1
Clothing, men's	1919	6,823	19.2	80.2	0.7
	1914	5,593	28.8	70.1	1.1
Clothing, women's	1919	3,308	18.3	80.8	0.9
	1914	2,355	20.6	77.1	2.3
Confectionery and ice cream[2]	1919	3,669	48.0	51.3	0.7
	1914	2,854	44.4	54.6	1.1
Electrical machinery, apparatus, and supplies.	1919	6,367	69.9	29.0	1.1
	1914	2,560	76.2	22.6	1.2
Flour-mill and gristmill products	1919	3,015	96.1	3.8	0.1
	1914	2,096	99.1	0.8	0.1
Foundry and machine-shop products[3]	1919	9,705	98.5	1.1	0.4
	1914	5,602	99.6	0.1	0.3
Furniture	1919	3,373	91.4	7.9	0.7
	1914	3,209	97.1	1.9	0.9
Glass	1919	2,634	92.2	7.8	.....
	1914	2,248	98.3	1.4	0.3
Iron and steel, steel works and rolling mills.	1919	2,647	95.9	3.3	0.8
	1914	1,237	99.9	.....	0.1
Liquors, malt	1919	2,930	98.0	2.0	.....
	1914	5,947	95.0	4.9	0.1
Lumber and timber products	1919	5,283	99.0	0.7	0.3
	1914	6,007	98.4	0.5	1.2
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	2,895	94.8	3.4	1.8
	1914	2,039	98.3	0.7	1.0
Millinery and lace goods, not elsewhere specified.	1919	1,809	12.6	85.6	1.8
	1914	908	10.5	88.1	1.4
Printing and publishing, book and job	1919	5,866	67.0	30.7	2.3
	1914	5,123	72.9	25.0	2.0
Printing and publishing, newspapers and periodicals.	1919	4,183	77.5	17.2	5.3
	1914	4,279	80.8	18.0	1.2
Shirts	1919	2,715	6.2	91.5	2.4
	1914	2,547	8.9	89.4	1.7
Slaughtering and meat packing	1919	8,290	92.2	7.7	0.1
	1914	5,152	96.0	3.9	0.1
Stoves and hot-air furnaces	1919	2,462	99.1	0.6	0.2
	1914	1,714	99.8	0.2	0.1
Tinware, not elsewhere specified	1919	1,516	66.6	32.2	1.3
	1914	843	74.8	22.2	3.0
Tobacco, chewing and smoking, and snuff.	1919	2,752	48.5	49.5	2.0
	1914	2,871	60.6	36.6	2.7
All other industries	1919	56,340	78.0	20.5	1.5
	1914	51,181	83.3	15.5	1.2

[1] Not shown separately in 1914.
[2] Includes "chewing gum" in 1914.
[3] Includes "iron and steel, tempering and welding" and "machine tools."

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. Total. 1919	1914	1909	16 years of age and over. Male. 1919	1914	1909	Female. 1919	1914	1909	Under 16 years of age. 1919	1914	1909	VALUE OF PRODUCTS. 1919	1914	1909
Cape Girardeau	1,427	1,259	.....	1,018	1,040	.....	393	212	.....	16	7	.....	$8,586,593	$3,888,376	.....
Carthage	515	.....	.....	358	.....	.....	136	.....	.....	21	.....	.....	6,627,782	.....	.....
Columbia	379	479	.....	250	352	.....	128	126	.....	1	1	.....	2,232,207	1,269,702	.....
Hannibal	2,800	2,366	2,445	2,245	1,877	1,808	529	486	542	26	3	95	14,026,833	6,214,645	$6,195,129
Independence	283	.....	.....	254	.....	.....	22	.....	.....	7	.....	.....	5,344,137	.....	.....
Jefferson City	1,713	1,401	651	1,070	738	450	609	606	171	34	57	30	10,188,406	8,086,920	5,445,518
Joplin	1,810	1,156	830	1,306	964	659	500	185	168	4	7	3	14,219,935	5,950,150	4,135,925
Kansas City	22,137	16,252	14,643	15,798	12,276	10,841	6,117	3,900	3,562	222	76	240	192,815,052	60,953,411	54,704,510
Moberly	570	463	999	348	307	860	187	147	118	35	9	21	4,496,894	2,136,330	1,983,071
St. Joseph	5,943	4,914	5,390	3,817	3,108	3,268	2,103	1,798	2,035	23	8	87	50,097,198	17,067,642	17,625,682
St. Louis	107,919	85,058	87,371	76,998	63,697	65,802	29,557	20,159	19,105	1,364	1,202	2,464	871,700,438	360,479,868	328,495,313
Sedalia	1,163	903	935	946	777	768	206	120	163	11	6	4	5,561,865	2,921,686	2,333,072
Springfield	2,910	2,009	2,131	2,270	1,886	2,020	630	117	98	10	6	13	18,812,549	6,192,954	5,382,098

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER.[1]			PER CENT OF MAXIMUM.			MONTH.	NUMBER.[1]			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January	184,513	151,293	*141,268*	88.0	96.4	86.4	July	194,709	156,263	150,969	92.8	99.6	92.3
February	182,796	151,799	145,022	87.2	96.7	88.7	August	202,609	155,366	157,351	96.6	99.0	96.2
March	*182,239*	155,240	148,776	86.9	98.9	91.0	September	206,394	154,431	**163,514**	98.4	98.4	100.0
April	182,885	**156,968**	147,979	87.2	100.0	90.5	October	**209,704**	152,048	161,110	100.0	96.9	98.5
May	187,384	*155,556*	148,053	89.4	99.1	90.5	November	207,586	141,558	161,540	99.0	90.2	98.8
June	190,266	156,296	150,028	90.7	99.6	91.8	December	209,359	*139,366*	160,294	99.8	88.8	98.0

[1] The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by **bold-faced** figures, minimum by *italic* figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	195,037	184,513	182,796	*182,239*	182,885	187,384	190,266	194,709	202,609	206,394	209,704	207,586	209,359	86.9
Males	147,635	139,556	*137,933*	138,043	138,796	142,567	144,990	148,933	152,987	155,856	158,121	156,238	157,600	87.2
Females	47,402	44,957	44,863	44,196	*44,089*	44,817	45,276	45,776	49,622	50,538	51,583	51,348	51,759	85.2
Automobiles	1,865	*1,663*	1,690	1,749	1,787	1,837	1,920	1,921	1,913	1,916	1,977	1,995	2,012	82.7
Bags, other than paper, not including bags made in textile mills	1,752	1,611	1,560	*1,510*	1,601	1,724	1,782	1,809	1,849	1,840	1,904	1,935	1,899	78.0
Boot and shoe cut stock	1,593	*1,303*	1,336	1,520	1,573	1,608	1,640	1,565	1,541	1,645	1,808	1,850	1,727	70.4
Boots and shoes, not including rubber boots and shoes	17,458	16,315	*16,290*	16,452	16,964	17,259	17,721	17,859	17,945	17,829	18,055	18,340	18,467	88.2
Boxes, paper and other, not elsewhere specified	2,369	*2,169*	2,195	2,232	2,216	2,309	2,340	2,417	2,419	2,413	2,503	2,619	2,596	82.8
Boxes, wooden packing, except cigar boxes	1,827	**1,971**	1,744	1,821	1,803	1,903	*1,717*	1,827	1,890	1,724	1,784	1,903	1,837	87.1
Bread and other bakery products	6,156	*5,700*	5,765	5,824	6,039	5,952	5,864	5,941	6,147	6,320	6,740	6,741	6,839	83.3
Brick and tile, terra-cotta, and fire-clay products	4,469	*3,452*	3,534	3,623	4,172	4,664	4,764	4,865	4,952	5,026	5,292	4,781	4,503	65.2
Cars and general shop construction and repairs by steam-railroad companies	13,471	13,488	13,389	13,421	*12,942*	13,015	13,016	13,115	13,270	13,550	13,917	14,294	14,235	90.5
Cars, steam-railroad, not including operations of railroad companies	4,307	4,572	4,648	4,770	4,093	4,635	4,123	4,646	4,601	4,404	4,450	*2,790*	3,952	58.5
Cement	1,788	1,744	1,709	1,650	1,753	1,783	1,791	1,855	1,892	1,837	1,918	1,886	*1,638*	85.4
Clothing, men's	6,823	6,529	6,295	5,974	*5,815*	6,084	6,429	6,780	7,017	7,378	7,682	7,874	8,019	72.5
Clothing, women's	3,308	*2,880*	3,163	3,310	3,310	3,243	3,251	3,401	3,545	3,529	3,447	3,310	3,307	81.2
Confectionery and ice cream	3,669	*3,368*	3,428	3,432	3,402	3,414	3,412	3,471	3,711	3,966	4,138	4,215	4,071	79.9
Electrical machinery, apparatus, and supplies	6,367	5,867	*5,357*	5,464	5,545	5,759	6,184	6,493	6,779	6,720	7,182	7,360	7,694	69.6
Flour-mill and gristmill products	3,015	2,909	2,783	2,775	2,765	2,752	*2,722*	2,845	3,334	3,583	3,292	3,210	3,210	76.0
Foundry and machine-shop products	9,530	8,650	*8,317*	8,332	8,413	8,423	8,720	9,858	10,012	10,663	10,866	11,213	10,893	74.2
Furniture	3,373	*3,120*	3,142	3,228	3,239	3,197	3,352	3,460	3,531	3,507	3,568	3,532	3,600	86.7
Glass	2,034	2,025	2,029	2,299	2,243	2,162	2,148	1,692	*1,663*	1,850	1,972	2,191	2,134	72.3
Iron and steel, steel works and rolling mills	2,647	3,250	3,253	3,213	2,531	2,459	2,447	2,227	2,605	2,581	2,536	*2,176*	2,486	66.9
Liquors, malt	2,930	2,832	2,730	2,904	3,040	3,161	3,283	3,320	3,481	2,971	2,713	*2,332*	2,393	67.0
Lumber and timber products	5,283	*4,119*	4,157	4,322	4,398	4,537	4,676	5,219	5,580	6,248	6,609	6,669	6,862	60.0
Lumber, planing-mill products, not including planing mills connected with sawmills	2,895	*2,512*	2,517	2,623	2,758	2,866	2,997	3,054	3,045	3,093	3,105	3,115	3,055	80.6
Millinery and lace goods, not elsewhere specified	1,809	1,717	1,986	1,924	1,853	1,724	*1,579*	1,710	1,933	1,869	1,742	1,777	1,894	79.5
Printing and publishing, book and job	5,866	*5,510*	5,743	5,759	5,761	5,786	5,830	5,771	5,848	5,821	5,975	6,187	6,401	86.1
Printing and publishing, newspapers and periodicals	4,183	*3,868*	3,956	4,053	4,155	4,164	4,224	4,191	4,197	4,248	4,348	4,375	4,417	87.6
Shirts	2,715	2,671	2,586	2,531	*2,506*	2,543	2,653	2,720	2,759	2,771	2,847	2,894	3,099	80.9
Slaughtering and meat packing	8,290	9,805	9,012	8,415	7,802	7,909	8,170	8,063	8,205	7,981	*7,654*	7,875	8,589	78.1
Stoves and hot-air furnaces	2,462	*2,035*	2,149	2,176	2,250	2,340	2,406	2,448	2,573	2,696	2,778	2,852	2,841	71.4
Tinware, not elsewhere specified	1,516	1,562	1,511	1,518	1,438	1,485	*1,394*	1,419	1,505	1,505	1,461	1,634	1,760	79.2
Tobacco, chewing and smoking, and snuff	2,752	3,292	3,119	*2,391*	2,512	2,574	2,534	2,414	2,607	2,782	2,968	2,941	2,890	72.6
All other industries	56,515	52,004	51,703	*51,024*	52,206	54,113	55,177	56,333	60,260	62,128	62,473	60,720	60,039	81.7
Industries showing large proportion of females.														
Boot and shoe cut stock	470	406	*370*	448	474	483	478	469	475	492	528	551	466	67.2
Boots and shoes, not including rubber boots and shoes	7,481	7,002	*6,952*	6,994	7,224	7,375	7,591	7,675	7,755	7,687	7,668	7,904	7,945	87.5
Boxes, paper and other, not elsewhere specified	1,447	*1,303*	1,363	1,390	1,374	1,430	1,438	1,454	1,447	1,458	1,507	1,610	1,590	80.9
Bread and other bakery products	2,354	*2,127*	2,195	2,204	2,274	2,202	2,154	2,260	2,345	2,411	2,741	2,678	2,657	77.6
Clothing, men's	5,509	5,305	5,039	4,734	*4,632*	4,854	5,171	5,401	5,600	5,911	6,291	6,522	6,648	69.7
Clothing, women's	2,700	*2,342*	2,578	2,704	2,730	2,666	2,654	2,773	2,871	2,869	2,797	2,704	2,712	81.6
Confectionery and ice cream	1,902	1,794	1,820	1,818	1,741	1,705	1,664	*1,660*	1,829	1,954	2,205	2,365	2,270	70.2
Electrical machinery, apparatus, and supplies	1,887	1,783	1,674	1,725	*1,670*	1,705	1,871	1,933	2,030	2,023	2,023	2,068	2,139	78.1
Printing and publishing, book and job	1,823	*1,736*	1,853	1,831	1,800	1,800	1,825	1,770	1,741	1,744	1,819	1,942	2,015	86.2
Printing and publishing, newspapers and periodicals	739	732	727	732	735	739	737	736	*725*	744	747	765	749	94.8
Shirts	2,547	2,505	2,425	2,366	*2,347*	2,389	2,487	2,544	2,580	2,595	2,673	2,720	2,933	80.6
Tobacco, chewing and smoking, and snuff	1,408	1,699	1,612	1,258	1,318	1,301	1,279	*1,190*	1,325	1,413	1,514	1,504	1,483	70.0

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Contd.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Total for cities	149,569	141,176	*140,583*	140,584	141,404	144,555	147,190	149,584	153,888	156,457	159,098	159,277	**161,032**	87.3
Males	107,689	100,920	*100,214*	100,682	101,483	104,238	106,609	108,828	111,782	113,606	114,997	113,815	**115,094**	87.1
Females	41,880	40,256	40,369	*39,902*	39,921	40,317	40,581	40,756	42,106	42,851	44,101	45,462	**45,938**	86.9
CAPE GIRARDEAU	1,427	*1,225*	1,245	1,279	1,322	1,345	1,459	1,477	**1,581**	1,571	1,571	1,496	1,553	77.5
Males	1,033	*849*	875	909	949	963	1,072	1,081	**1,180**	1,169	1,154	1,080	1,115	71.9
Females	394	376	*370*	*370*	373	382	387	396	401	402	417	416	**438**	84.5
CARTHAGE	515	*494*	512	511	503	499	525	503	514	514	**548**	517	540	90.1
Males	379	*355*	372	372	370	369	390	379	387	382	**403**	372	397	88.1
Females	136	139	140	139	133	130	135	*124*	127	132	**145**	**145**	143	85.5
COLUMBIA	379	377	366	*345*	*345*	357	369	382	390	393	387	416	**421**	81.9
Males	251	257	243	*228*	234	234	255	255	252	260	256	265	**273**	83.5
Females	128	120	123	117	*111*	123	114	127	138	133	131	151	**148**	73.5
HANNIBAL	2,800	2,811	2,764	2,757	*2,725*	2,781	2,811	2,795	2,773	2,763	2,844	**2,892**	2,884	94.2
Males	2,260	2,258	2,210	2,199	*2,183*	2,224	2,254	2,258	2,259	2,262	2,330	**2,345**	2,338	93.1
Females	540	553	554	558	542	557	557	537	514	*501*	514	547	546	89.8
INDEPENDENCE	283	267	267	*266*	*266*	278	288	311	**333**	295	281	275	269	79.9
Males	259	244	244	*243*	*243*	255	263	287	**307**	272	256	250	244	79.2
Females	24	*23*	*23*	*23*	*23*	*23*	25	24	**26**	*23*	25	25	25	88.5
JEFFERSON CITY	1,713	*1,518*	1,564	1,618	1,665	1,712	1,754	1,755	1,782	1,764	1,796	**1,824**	1,804	83.2
Males	1,096	*960*	1,014	1,021	1,051	1,084	1,127	1,128	1,140	1,138	1,155	**1,172**	1,162	81.9
Females	617	558	*550*	597	614	628	627	627	642	626	641	652	642	84.4
JOPLIN	1,810	1,610	*1,582*	1,609	1,640	1,644	1,729	1,843	1,960	2,018	2,003	2,018	**2,064**	76.6
Males	1,309	1,172	*1,097*	1,114	1,172	1,189	1,263	1,370	1,460	**1,498**	1,471	1,469	1,433	73.2
Females	501	*438*	485	495	468	455	466	473	500	520	532	549	**631**	69.4
KANSAS CITY	22,137	20,317	*20,255*	20,595	20,979	21,322	21,844	22,111	22,861	23,201	23,923	**24,154**	24,082	83.9
Males	15,958	14,458	*14,315*	14,721	15,101	15,525	16,052	16,129	16,666	16,903	17,214	**17,240**	17,172	83.0
Females	6,179	5,859	5,940	5,874	5,878	5,797	*5,792*	5,982	6,195	6,298	6,709	**6,914**	6,910	83.8
MOBERLY	570	488	*438*	499	534	553	607	**650**	644	636	611	595	585	67.4
Males	379	340	*306*	346	356	365	399	**423**	416	419	409	387	382	72.3
Females	191	148	*132*	153	178	188	208	227	**228**	217	202	208	203	57.9
ST. JOSEPH	5,943	*5,379*	5,441	5,481	5,592	5,652	5,705	5,807	6,344	**6,615**	6,572	6,409	6,319	81.3
Males	3,835	3,405	*3,387*	3,442	3,601	3,702	3,740	3,817	4,149	4,333	**4,345**	4,120	3,979	78.0
Females	2,108	1,974	2,054	2,039	1,991	*1,950*	1,965	1,990	2,195	2,282	2,227	2,289	**2,340**	83.3
ST. LOUIS	107,919	103,116	102,551	*101,948*	102,020	104,413	105,998	107,764	110,446	112,310	114,206	114,223	**116,033**	87.9
Males	77,697	73,689	73,142	*73,021*	73,086	75,057	76,503	78,410	80,241	81,631	82,693	81,719	**83,172**	87.8
Females	30,222	29,427	29,409	*28,927*	28,934	29,356	29,495	29,354	30,205	30,679	31,513	32,504	**32,861**	88.0
SEDALIA	1,163	1,053	1,041	*1,035*	1,060	1,075	1,149	1,190	1,232	1,262	1,277	**1,295**	1,287	70.9
Males	957	*891*	*891*	897	920	936	972	978	1,002	998	995	999	**1,005**	88.7
Females	206	162	150	*138*	140	139	177	212	230	264	282	**296**	282	46.6
SPRINGFIELD	2,910	*2,521*	2,557	2,641	2,753	2,924	2,952	2,996	3,028	3,115	3,079	3,163	**3,191**	79.0
Males	2,276	*2,042*	2,118	2,169	2,217	2,335	2,319	2,313	2,323	2,341	2,316	2,397	**2,422**	84.3
Females	634	479	*439*	472	536	589	633	683	705	774	763	766	**769**	56.7

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	195,037	18,974	7,699	64,117	30,600	31,903	15,257	13,184	4,303
	1914	152,182	(2)	(2)	28,576	19,252	47,528	20,480	29,786	6,560
	1909	152,993	(2)	(2)	23,276	10,671	36,711	28,934	46,446	6,955
Automobiles	1919	1,865	852	.....	572	159	282	.....	.....	.....
	1914	327	.....	.....	.....	144	183	.....	.....	.....
Bags, other than paper, not including bags made in textile mills[3]	1919	1,752	.....	.....	12	1,728	12	.....	.....	.....
Boot and shoe cut stock[3]	1919	1,593	.....	.....	1,465	96	32	.....	.....	.....
Boots and shoes, not including rubber boots and shoes	1919	17,458	3,274	34	6,443	4,216	3,195	296	.....	.....
	1914	13,169	(2)	(2)	110	819	5,783	6,063	394	.....
Boxes, paper and other, not elsewhere specified	1919	2,369	12	29	700	1,120	56	417	35	.....
	1914	1,092	(2)	(2)	150	145	677	114	6	.....
Boxes, wooden packing, except cigar boxes	1919	1,827	22	1	18	793	419	468	106	.....
	1914	1,051	(2)	(2)	120	462	44	250	175	.....
Bread and other bakery products	1919	6,156	69	822	1,707	2,170	901	225	190	72
	1914	5,269	(2)	(2)	485	496	3,392	147	589	160
Brick and tile, terra-cotta, and fire-clay products	1919	4,469	65	.....	259	582	644	1,009	1,910	.....
	1914	5,188	(2)	(2)	11	172	706	1,091	3,148	60
Cars and general shop construction and repairs by steam-railroad companies.	1919	13,471	8	149	11,160	6	15	2,116	17	.....
	1914	9,721	(2)	(2)	2,658	169	4,807	.....	70	2,017
Cars, steam-railroad, not including operations of railroad companies.[3]	1919	4,307	.....	.....	1,540	111	.....	2,656	.....	.....
Cement[3]	1919	1,788	.....	.....	.....	.....	.....	.....	1,141	647
Clothing, men's	1919	6,823	3,270	1,060	740	647	1,106	.....	.....	.....
	1914	5,593	(2)	(2)	1,712	3,499	303	76	3	.....

[1] Includes 48 and under for 1914 and 1909

[2] Corresponding figures not available.

[3] Not shown separately in 1914.

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
Clothing, women's	1919	3,308	979	452	883	910	84	.....	.....	.....
	1914	2,355	(2)	(2)	454	1,069	826	.....	6	.....
Confectionery and ice cream [3]	1919	3,669	64	245	198	840	1,638	484	60	140
	1914	2,854	(2)	(2)	68	796	785	427	538	240
Electrical machinery, apparatus, and supplies	1919	6,367	5	658	992	1,806	2,902	.....	4	.....
	1914	2,560	(2)	(2)	329	424	1,751	52	4	.....
Flour-mill and gristmill products	1919	3,015	65	.....	773	13	174	181	1,125	684
	1914	2,096	(2)	(2)	116	5	104	11	1,049	811
Foundry and machine-shop products [4]	1919	9,705	378	67	3,207	1,205	3,965	811	70	2
	1914	5,602	(2)	(2)	446	466	3,736	384	570	.....
Furniture	1919	3,373	28	.....	683	575	1,817	224	46	.....
	1914	3,209	(2)	(2)	750	485	992	262	720	.....
Glass	1919	2,034	.....	.....	325	1,525	184	.....	.....	.....
	1914	2,248	(2)	(2)	11	448	35	.....	1,754	.....
Iron and steel, steel works and rolling mills	1919	2,647	.....	.....	1,319	655	673	.....	.....	.....
	1914	1,237	(2)	(2)	339	.....	259	.....	639	.....
Liquors, malt	1919	2,930	2,555	52	187	.....	71	19	46	.....
	1914	5,947	(2)	(2)	5,226	.....	37	502	66	116
Lumber and timber products	1919	5,283	369	119	286	133	276	814	3,286	.....
	1914	6,007	(2)	(2)	238	193	349	226	4,900	101
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	2,895	94	4	647	702	743	525	180	.....
	1914	2,039	(2)	(2)	229	431	802	159	418	.....
Millinery and lace goods, not elsewhere specified	1919	1,809	251	306	159	742	351	.....	.....	.....
	1914	908	(2)	(2)	47	234	627	.....	.....	.....
Printing and publishing, book and job	1919	5,866	879	200	4,367	276	127	.....	17	.....
	1914	5,123	(2)	(2)	4,327	443	319	10	24	.....
Printing and publishing, newspapers and periodicals	1919	4,183	307	278	2,749	355	396	24	67	7
	1914	4,279	(2)	(2)	2,663	437	839	145	182	13
Shirts	1919	2,715	335	1,384	136	656	204	.....	.....	.....
	1914	2,547	(2)	(2)	478	1,420	649	.....	.....	.....
Slaughtering and meat packing	1919	8,290	142	.....	8,060	28	18	10	32	.....
	1914	5,152	(2)	(2)	625	84	785	1,827	1,729	102
Stoves and hot-air furnaces	1919	2,462	94	.....	1,290	358	720	.....	.....	.....
	1914	1,714	(2)	(2)	58	596	960	81	19	.....
Tinware, not elsewhere specified	1919	1,516	.....	.....	306	1,009	71	130	.....	.....
	1914	843	.....	.....	.....	205	315	313	10	.....
Tobacco, chewing and smoking, and snuff	1919	2,752	.....	4	2	2,696	50	.....	.....	.....
	1914	2,871	(2)	(2)	56	53	2,762	.....	.....	.....
All other industries	1919	56,340	4,857	1,835	12,932	13,488	16,777	4,848	4,852	2,751
	1914	51,181	(2)	(2)	6,870	5,617	14,701	8,382	12,671	2,940
Total for cities	1919	149,569	17,993	7,304	49,225	33,519	23,476	11,375	4,632	2,045
	1914	116,260	(2)	(2)	24,238	17,392	40,339	12,784	18,126	3,381
CAPE GIRARDEAU	1919	1,427	1	.....	122	42	846	26	379	11
	1914	1,259	(2)	(2)	48	4	194	645	327	41
CARTHAGE	1919	515	.....	9	83	212	46	45	49	71
COLUMBIA	1919	379	.....	.....	98	4	217	.....	54	6
	1914	479	(2)	(2)	106	.....	316	28	14	15
HANNIBAL	1919	2,800	25	10	1,172	1,211	247	.....	105	30
	1914	2,366	(2)	(2)	124	4	811	1,040	333	54
INDEPENDENCE	1919	283	4	.....	190	17	11	46	1	14
JEFFERSON CITY	1919	1,713	15	.....	314	285	1,021	15	60	3
	1914	1,401	(2)	(2)	203	264	5	794	106	29
JOPLIN	1919	1,810	1	.....	333	99	722	493	128	34
	1914	1,156	(2)	(2)	231	21	285	432	131	56
KANSAS CITY	1919	22,137	1,825	1,531	7,745	5,474	2,431	2,091	971	69
	1914	16,252	(2)	(2)	4,197	2,212	4,694	1,643	2,098	1,408
MOBERLY	1919	570	.....	.....	58	445	30	7	12	18
	1914	463	(2)	(2)	49	4	346	.....	40	24
ST. JOSEPH	1919	5,943	385	389	2,151	1,580	373	632	258	175
	1914	4,914	(2)	(2)	1,609	879	1,371	394	519	142
ST. LOUIS	1919	107,919	15,635	5,358	34,593	23,923	16,780	7,906	2,243	1,481
	1914	85,058	(2)	(2)	17,337	13,896	30,559	7,735	14,039	1,492
SEDALIA	1919	1,163	9	2	847	123	58	3	91	30
	1914	903	(2)	(2)	174	.....	546	9	157	17
SPRINGFIELD	1919	2,910	93	5	1,519	104	694	111	281	103
	1914	2,009	(2)	(2)	160	108	1,212	64	362	103

[1] Includes 48 and under for 1914 and 1909.
[2] Corresponding figures not available.
[3] Includes "chewing gum" in 1914.
[4] Includes "iron and steel, tempering and welding," and "machine tools."

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL		ESTABLISHMENTS EMPLOYING—																
			No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
	Establishments.	Wage earners (average number).	Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	8,592	195,037	1,396	4,454	9,385	1,426	15,901	623	20,390	307	21,856	224	35,394	100	34,044	44	30,549	18	27,518
Automobiles	8	1,865	.....	1	5	1	7	1	38	.....	.....	2	364	1	282	2	1,169	.....	.....
Bags, other than paper, not including bags made in textile mills	10	1,752	.....	1	5	3	33	.....	.....	.....	.....	3	624	2	535	1	555	.....	.....
Boot and shoe cut stock	7	1,593	.....	1	3	.....	.....	2	68	2	154	.....	.....	.....	.....	2	1,368	.....	.....
Boots and shoes, not including rubber boots and shoes	54	17,458	.....	2	4	4	61	5	175	1	97	14	2,532	19	6,946	6	4,044	3	3,599
Boxes, paper and other, not elsewhere specified	41	2,369	.....	4	8	8	96	13	474	9	643	6	886	1	262	.....	.....	.....	.....
Boxes, wooden packing, except cigar boxes	29	1,827	.....	6	22	5	88	9	329	4	335	4	747	1	306	.....	.....	.....	.....
Bread and other bakery products	975	6,156	209	673	1,250	64	607	16	520	6	466	2	336	2	552	2	1,132	1	1,293
Brick and tile, terra-cotta, and fire-clay products	65	4,469	.....	14	38	14	153	15	527	9	624	10	1,664	1	312	2	1,151	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	45	13,471	.....	4	13	5	53	6	235	3	229	10	1,517	8	2,297	5	4,295	4	4,832
Cars, steam-railroad, not including operations of railroad companies	8	4,307	.....	.....	.....	1	9	.....	.....	1	98	2	320	1	435	2	1,224	1	2,221
Cement	5	1,788	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	553	1	310	1	925	.....	.....
Clothing, men's	112	6,823	.....	23	72	32	365	19	635	23	1,662	9	1,508	4	1,424	2	1,157	.....	.....
Clothing, women's	116	3,308	1	25	60	41	524	29	926	14	1,014	6	775	.....	.....	.....	.....	.....	.....
Confectionery and ice cream	220	3,669	41	126	262	25	227	11	317	4	270	11	1,808	1	260	1	525	.....	.....
Electrical machinery, apparatus, and supplies	35	6,367	.....	4	12	12	125	5	167	4	286	5	695	2	638	2	1,570	1	2,874
Flour-mill and gristmill products	690	3,015	236	361	588	63	649	20	609	5	361	4	493	1	315	.....	.....	.....	.....
Foundry and machine-shop products	301	9,530	27	120	329	80	954	34	1,119	16	1,079	15	2,354	7	2,311	2	1,384	.....	.....
Furniture	86	3,373	5	19	46	19	245	20	721	16	1,025	5	589	2	747	.....	.....	.....	.....
Glass	4	2,034	.....	.....	.....	.....	.....	.....	.....	1	77	2	432	.....	.....	.....	.....	1	1,525
Iron and steel, steel works and rolling mills	5	2,647	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	132	1	375	3	2,140	.....	.....
Liquors, malt	20	2,930	.....	.....	.....	10	112	.....	.....	6	416	1	119	2	884	.....	.....	1	1,399
Lumber and timber products	557	5,283	29	405	687	78	828	24	786	11	777	6	886	4	1,310	.....	.....	.....	.....
Lumber, planing-mill products, not including planing mills connected with sawmills	111	2,895	4	48	104	33	392	18	613	3	192	2	372	3	1,222	.....	.....	.....	.....
Millinery and lace goods, not elsewhere specified	42	1,809	2	10	33	8	100	9	316	9	654	3	449	1	257	.....	.....	.....	.....
Printing and publishing, book and job	460	5,866	74	234	571	92	1,016	36	1,209	15	999	6	948	3	1,123	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals	774	4,183	243	445	945	56	595	15	467	7	484	6	836	1	335	1	521	.....	.....
Shirts	19	2,715	1	7	19	.....	.....	1	39	2	136	5	866	2	761	1	894	.....	.....
Slaughtering and meat packing	49	8,200	6	19	33	7	72	7	258	3	222	1	114	1	467	2	1,807	3	5,317
Stoves and hot-air furnaces	19	2,462	.....	.....	.....	7	64	1	29	3	235	6	1,030	1	384	1	720	.....	.....
Tinware, not elsewhere specified	10	1,516	.....	1	5	1	20	1	27	2	116	4	832	.....	.....	1	516	.....	.....
Tobacco, chewing and smoking, and snuff	11	2,752	2	3	8	1	6	3	119	.....	.....	1	199	.....	.....	.....	.....	1	2,420
All other industries	3,704	56,515	516	1,898	4,254	756	8,500	303	9,667	128	9,205	69	10,414	27	8,985	5	3,452	2	2,038
Total for cities	5,012	149,569	678	2,192	5,333	1,058	12,099	508	16,783	258	18,385	192	29,950	78	26,954	38	25,890	10	14,175
CAPE GIRARDEAU	50	1,427	6	27	81	8	80	3	104	4	279	1	119	.....	.....	1	764	.....	.....
CARTHAGE	49	515	.....	32	69	13	144	3	129	.....	.....	1	173	.....	.....	.....	.....	.....	.....
COLUMBIA	25	379	4	14	34	5	53	.....	.....	1	78	1	214	.....	.....	.....	.....	.....	.....
HANNIBAL	67	2,800	7	35	85	16	199	4	153	.....	.....	2	260	1	296	2	1,807	.....	.....
INDEPENDENCE	21	283	1	11	25	5	63	2	44	2	151	.....	.....	.....	.....	.....	.....	.....	.....
JEFFERSON CITY	42	1,713	5	20	37	9	120	1	48	1	79	3	485	3	944	.....	.....	.....	.....
JOPLIN	139	1,810	15	84	185	23	255	12	375	1	99	3	455	1	441	.....	.....	.....	.....
KANSAS CITY	997	22,137	129	422	1,304	251	2,873	109	3,539	46	3,303	28	4,428	6	2,248	5	3,150	1	1,292
MOBERLY	25	570	1	14	31	7	83	2	50	.....	.....	.....	.....	1	406	.....	.....	.....	.....
ST. JOSEPH	219	5,943	23	95	233	48	474	23	743	12	884	12	1,811	6	1,798	.....	.....	.....	.....
ST. LOUIS	3,205	107,919	465	1,349	3,047	636	7,354	341	11,388	181	12,819	137	21,570	59	20,372	28	18,486	9	12,883
SEDALIA	66	1,163	10	36	66	15	147	1	25	2	121	1	117	.....	.....	1	687	.....	.....
SPRINGFIELD	107	2,910	12	53	136	22	254	7	185	8	572	3	318	1	449	1	996	.....	.....

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	8,592	8,386	8,375	195,037	152,182	152,993	$1,594,208,338	$637,952,128	$574,111,070	$537,751,174	$249,237,269	$219,699,919
Less than $5,000	2,433	3,611	3,649	1,783	3,911	5,107	6,200,126	8,426,604	8,272,292	3,749,063	5,352,461	5,293,990
$5,000 to $20,000	2,791	2,512	2,505	7,311	10,152	10,999	29,517,745	25,006,975	25,001,039	15,756,004	14,351,718	14,249,566
$20,000 to $100,000	1,904	1,449	1,444	18,713	23,127	23,948	87,947,686	65,177,199	65,057,234	42,978,314	33,028,026	32,157,387
$100,000 to $500,000	942	602	683	38,395	61,506	64,791	210,689,301	134,663,617	204,184,575	94,731,089	87,704,685	84,656,927
$500,000 to $1,000,000	238	108		27,059			166,777,675	74,810,437		68,276,088		
$1,000,000 and over	284	104	94	101,776	53,486	48,148	1,093,075,805	329,867,296	271,595,930	312,260,616	108,800,379	83,342,049
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	28.3	43.1	43.6	0.9	2.6	3.3	0.4	1.3	1.4	0.7	2.1	2.4
$5,000 to $20,000	32.5	30.0	29.9	3.7	6.7	7.2	1.9	3.9	4.4	2.9	5.8	6.5
$20,000 to $100,000	22.2	17.3	17.2	9.6	15.2	15.7	5.5	10.2	11.3	8.0	13.3	14.6
$100,000 to $500,000	11.0	7.2	8.2	19.7	40.4	42.3	13.2	21.1	35.6	17.6	35.2	38.5
$500,000 to $1,000,000	2.8	1.3		13.9			10.5	11.7		12.7		
$1,000,000 and over	3.3	1.2	1.1	52.2	35.1	31.5	68.6	51.7	47.3	58.1	43.7	37.9

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
BOOTS AND SHOES, NOT INCLUDING RUBBER BOOTS AND SHOES	54	49	100.0	100.0	17,458	13,169	100.0	100.0	$109,193,423	$40,311,210	100.0	100.0	$32,267,606	$14,364,772	100.0	100.0
Less than $100,000	10	8	18.5	16.3	203	123	1.2	0.9	574,240	202,705	0.5	0.5	243,157	91,790	0.8	0.6
$100,000 to $500,000	.....	15	.....	30.6	.....	.....	.....	.....	.....	4,803,862	.....	11.9	.....	.....	.....	.....
$500,000 to $1,000,000	[1] 9	11	16.7	22.4	[1] 1,432	[1] 5,309	8.2	40.3	[1] 5,797,296	8,954,898	5.3	22.2	[1] 1,986,533	[1] 5,047,775	6.2	35.1
$1,000,000 and over	35	15	64.8	30.6	15,823	7,737	90.6	58.8	102,821,887	26,349,655	94.2	65.4	30,037,916	9,225,207	93.1	64.2
BREAD AND OTHER BAKERY PRODUCTS	975	1,043	100.0	100.0	6,156	5,269	100.0	100.0	43,839,428	19,940,499	100.0	100.0	17,483,032	9,783,693	100.0	100.0
Less than $5,000	179	503	18.4	48.2	50	321	0.8	6.1	534,320	1,548,923	1.2	7.8	200,170	744,934	1.1	7.6
$5,000 to $20,000	577	466	59.2	44.7	781	1,010	12.7	19.2	6,277,446	3,817,534	14.3	19.1	2,302,378	1,825,285	13.2	18.7
$20,000 to $100,000	181	54	18.6	5.2	923	660	15.0	12.5	6,530,657	2,364,435	14.9	11.9	2,150,654	979,091	12.3	10.0
$100,000 to $500,000	24	13	2.5	1.2	597	[2] 1,091	9.7	20.7	5,528,434	2,464,866	12.6	12.4	1,804,110	[2] 2,069,905	10.3	21.2
$500,000 to $1,000,000	6	3	0.6	0.3	415	.....	6.7	.....	3,920,424	1,987,183	8.9	10.0	1,402,368	.....	8.0	.....
$1,000,000 and over	8	4	0.8	0.4	3,390	2,187	55.1	41.5	21,048,147	7,757,558	48.0	38.9	9,623,352	4,164,478	55.0	42.6
BUTTER	66	54	100.0	100.0	686	361	100.0	100.0	22,147,691	5,167,343	100.0	100.0	2,111,996	800,031	100.0	100.0
Less than $5,000	3	6	4.5	11.1	2	2	0.3	0.6	10,198	15,125	(3)	0.3	2,498	3,957	0.1	0.5
$5,000 to $20,000	12	17	18.2	31.5	6	19	0.9	5.3	144,479	197,990	0.7	3.8	17,914	32,792	0.8	4.1
$20,000 to $100,000	25	21	37.9	38.9	63	83	9.2	23.0	1,186,780	834,186	5.4	16.1	148,024	140,937	7.0	17.6
$100,000 to $500,000	13	[4] 10	19.7	18.5	122	[4] 257	17.8	71.2	2,820,949	[4] 4,120,042	12.7	79.7	356,279	[4] 622,345	16.9	77.8
$500,000 to $1,000,000	5	.....	7.6	.....	97	.....	14.1	.....	3,643,184	.....	16.4	.....	189,807	.....	9.0	.....
$1,000,000 and over	8	.....	12.1	.....	396	.....	57.7	.....	14,342,101	.....	64.8	.....	1,397,474	.....	66.2	.....
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	45	39	100.0	100.0	13,471	9,721	100.0	100.0	33,020,800	12,847,379	100.0	100.0	20,293,735	7,475,468	100.0	100.0
$5,000 to $20,000	7	[5] 6	15.6	15.4	36	[5] 46	0.3	0.5	97,698	[5] 49,401	0.3	0.4	61,844	[5] 32,243	0.3	0.4
$20,000 to $100,000	6	12	13.3	30.8	179	501	1.3	5.2	363,425	615,997	1.1	4.8	272,904	418,727	1.3	5.6
$100,000 to $500,000	13	11	28.9	28.2	1,394	[2] 4,458	10.3	45.9	3,284,899	2,823,458	9.9	22.0	2,253,072	[2] 3,602,335	11.1	48.2
$500,000 to $1,000,000	10	5	22.2	12.8	2,734	.....	20.3	.....	6,965,425	3,516,078	21.1	27.4	4,276,258	.....	21.1	.....
$1,000,000 and over	9	5	20.0	12.8	9,128	4,716	67.8	48.5	22,309,353	5,842,445	67.6	45.5	13,429,657	3,422,163	66.2	45.8
CLOTHING, MEN'S	112	71	100.0	100.0	6,823	5,593	100.0	100.0	35,838,747	13,484,374	100.0	100.0	13,662,724	5,771,417	100.0	100.0
Less than $5,000	9	9	8.0	12.7	25	22	0.4	0.4	25,335	22,036	0.1	0.2	23,974	16,304	0.2	0.3
$5,000 to $20,000	25	14	22.3	19.7	210	211	3.1	3.8	250,527	147,782	0.7	1.1	208,872	114,593	1.5	2.0
$20,000 to $100,000	23	21	20.5	29.6	390	364	5.7	6.5	1,155,466	1,060,870	3.2	7.9	590,985	490,302	4.3	8.5
$100,000 to $500,000	37	24	33.0	33.8	1,970	2,780	28.9	49.7	10,017,921	5,984,357	28.0	44.4	3,661,187	2,289,437	26.8	39.7
$500,000 to $1,000,000	8	.....	7.2	.....	923	.....	13.5	.....	4,905,568	.....	13.7	.....	1,606,505	.....	11.8	.....
$1,000,000 and over	10	3	8.9	4.2	3,305	2,216	48.4	39.6	19,483,930	6,269,329	54.4	46.5	7,571,201	2,860,781	55.4	49.6
CLOTHING, WOMEN'S	116	74	100.0	100.0	3,308	2,355	100.0	100.0	18,433,548	5,517,015	100.0	100.0	6,940,062	2,482,862	100.0	100.0
Less than $5,000	10	.....	8.6	.....	14	.....	0.4	.....	23,549	.....	0.1	.....	16,894	.....	0.2	.....
$5,000 to $20,000	12	[5] 17	10.3	23.0	38	[5] 103	1.1	4.4	134,806	[5] 166,342	0.7	3.0	59,021	[5] 96,421	0.9	3.9
$20,000 to $100,000	40	42	34.5	56.8	482	952	14.6	40.4	2,268,980	2,108,618	12.3	38.2	912,338	955,791	13.1	38.5
$100,000 to $500,000	46	15	39.7	20.3	1,961	1,300	59.3	55.2	10,961,129	3,242,055	59.5	58.8	4,069,046	1,430,650	58.6	57.6
$500,000 to $1,000,000	8	.....	6.9	.....	813	.....	24.6	.....	5,045,084	.....	27.4	.....	1,882,763	.....	27.1	.....

[1] Includes the group "$100,000 to $500,000."
[2] Includes the group "$500,000 to $1,000,000."
[3] Less than one-tenth of 1 per cent.
[4] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[5] Includes the group "Less than $5,000."

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Con.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
COFFEE, ROASTING AND GRINDING	40	37	100.0	100.0	814	656	100.0	100.0	$30,070,206	$14,299,135	100.0	100.0	$7,011,581	$3,350,217	100.0	100.0
$5,000 to $20,000	6	[1] 4	15.0	10.8	9	[1] 6	1.1	0.9	79,760	[1] 25,871	0.3	0.2	24,406	[1] 12,616	0.3	0.4
$20,000 to $100,000	7	9	17.5	24.3	21	50	2.6	7.6	360,935	475,281	1.2	3.3	73,884	170,849	1.1	5.1
$100,000 to $500,000	9	15	22.5	40.5	99	[2] 290	12.2	44.2	2,530,281	3,919,850	8.4	27.4	416,709	[2] 1,376,985	5.9	41.1
$500,000 to $1,000,000	8	3	20.0	8.1	177	.....	21.7	.....	5,886,918	1,795,555	19.6	12.6	1,673,603	.....	23.9	.....
$1,000,000 and over	10	6	25.0	16.2	508	310	62.4	47.3	21,212,312	8,082,578	70.5	56.5	4,822,979	1,789,767	68.8	53.4
CONFECTIONERY AND ICE CREAM [3]	220	154	100.0	100.0	3,669	2,854	100.0	100.0	23,497,553	9,251,427	100.0	100.0	10,569,535	3,995,704	100.0	100.0
Less than $5,000	59	57	26.8	37.0	25	43	0.7	1.5	144,912	146,176	0.6	1.6	63,289	80,210	0.6	2.0
$5,000 to $20,000	83	55	37.7	35.7	165	168	4.5	5.9	886,496	603,530	3.8	6.5	396,398	316,551	3.8	7.9
$20,000 to $100,000	46	21	20.9	13.6	307	216	8.4	7.6	2,059,802	975,007	8.8	10.5	806,882	434,871	7.6	10.9
$100,000 to $500,000	19	15	8.6	9.7	665	[2] 2,427	18.1	85.0	4,118,091	3,824,014	17.5	41.3	1,651,406	[2] 3,164,072	15.6	79.2
$500,000 to $1,000,000	6	6	2.7	3.9	755	.....	20.6	.....	5,124,500	3,702,700	21.8	40.0	2,414,360	.....	22.8	.....
$1,000,000 and over	7	.....	3.2	.....	1,752	.....	47.8	.....	11,163,752	.....	47.5	.....	5,237,200	.....	49.5	.....
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES	35	19	100.0	100.0	6,367	2,560	100.0	100.0	22,007,658	6,643,210	100.0	100.0	13,845,405	4,227,457	100.0	100.0
Less than $5,000	.....	5	.....	26.3	.....	10	.....	0.4	.....	15,366	.....	0.2	.....	7,791	.....	0.2
$5,000 to $20,000	4	5	11.4	26.3	14	26	0.2	1.0	49,359	56,184	0.2	0.8	21,551	38,187	0.2	0.9
$20,000 to $100,000	10	3	28.6	15.8	93	72	1.5	2.8	389,221	161,652	1.8	2.4	252,590	69,480	1.8	1.6
$100,000 to $500,000	12	3	34.3	15.8	743	[4] 2,452	11.7	95.8	2,593,845	986,060	11.8	14.8	1,334,480	[4] 4,111,999	9.6	97.3
$500,000 to $1,000,000	4	[5] 3	11.4	15.8	587	.....	9.2	.....	3,047,950	[5] 5,423,948	13.8	81.7	1,571,520	.....	11.4	.....
$1,000,000 and over	5	.....	14.3	.....	4,930	.....	77.4	.....	15,927,283	.....	72.4	.....	10,665,255	.....	77.0	.....
FLOUR-MILL AND GRIST-MILL PRODUCTS	690	641	100.0	100.0	3,015	2,096	100.0	100.0	113,297,359	38,686,309	100.0	100.0	15,112,635	5,423,920	100.0	100.0
Less than $5,000	159	145	23.0	22.6	17	94	0.6	4.5	405,532	384,498	0.4	1.0	77,169	80,643	0.5	1.5
$5,000 to $20,000	205	244	29.7	38.1	119	275	3.9	13.1	2,321,425	2,771,811	2.0	7.2	427,052	538,725	2.8	9.9
$20,000 to $100,000	215	182	31.2	28.4	418	534	13.9	25.5	9,654,289	7,411,813	8.5	19.2	1,380,272	1,205,274	9.1	22.2
$100,000 to $500,000	67	52	9.7	8.1	479	[2] 874	15.9	41.7	15,920,418	11,326,649	14.1	29.3	1,886,777	[2] 2,493,546	12.5	46.0
$500,000 to $1,000,000	16	13	2.3	2.0	293	.....	9.7	.....	11,096,608	8,709,681	9.8	22.5	2,018,884	.....	13.4	.....
$1,000,000 and over	28	5	4.1	0.8	1,689	319	56.0	15.2	73,899,087	8,081,857	65.2	20.9	9,322,481	1,105,732	61.7	20.4
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	87	54	100.0	100.0	1,454	629	100.0	100.0	23,463,398	7,793,604	100.0	100.0	5,256,132	1,646,404	100.0	100.0
Less than $5,000	22	16	25.3	29.6	9	20	0.6	3.2	34,584	42,525	0.1	0.5	20,960	23,507	0.4	1.4
$5,000 to $20,000	17	15	19.5	27.8	46	81	3.2	12.9	171,109	201,871	0.7	2.6	63,946	114,424	1.2	6.9
$20,000 to $100,000	18	10	20.7	18.5	147	110	10.1	17.5	966,035	554,708	4.1	7.1	354,770	164,314	6.7	10.0
$100,000 to $500,000	19	[4] 13	21.8	24.1	423	[4] 418	29.1	66.5	4,911,416	[4] 6,994,500	20.9	89.7	1,402,548	[4] 1,344,159	26.7	81.6
$500,000 to $1,000,000	7	.....	8.0	.....	573	.....	39.4	.....	5,179,920	.....	22.1	.....	1,718,368	.....	32.7	.....
$1,000,000 and over	4	.....	4.6	.....	256	.....	17.6	.....	12,200,334	.....	52.0	.....	1,695,540	.....	32.3	.....
FOUNDRY AND MACHINE-SHOP PRODUCTS [6]	321	261	100.0	100.0	9,705	5,602	100.0	100.0	50,142,868	14,564,313	100.0	100.0	29,892,143	7,773,012	100.0	100.0
Less than $5,000	51	68	15.9	26.1	25	68	0.2	1.3	144,230	153,661	0.3	1.1	101,803	115,360	0.3	1.5
$5,000 to $20,000	95	86	29.6	33.0	280	456	2.9	8.1	1,124,024	1,001,997	2.2	6.9	730,769	692,863	2.4	8.9
$20,000 to $100,000	98	77	30.5	29.5	1,118	1,272	11.5	22.7	4,783,683	3,308,373	9.5	22.7	2,811,210	1,950,226	9.4	25.1
$100,000 to $500,000	54	25	16.8	9.6	2,459	[2] 3,806	25.3	67.9	11,679,547	6,339,475	23.3	43.5	6,646,118	[2] 5,014,563	22.2	64.5
$500,000 to $1,000,000	10	5	3.1	1.9	1,560	.....	16.1	.....	7,042,775	3,760,807	14.0	25.8	3,872,957	.....	13.0	.....
$1,000,000 and over	13	.....	4.0	.....	4,263	.....	43.9	.....	25,368,609	.....	50.6	.....	15,720,286	.....	52.6	.....
FURNITURE	86	91	100.0	100.0	3,373	3,209	100.0	100.0	16,154,865	7,174,010	100.0	100.0	7,831,475	3,819,183	100.0	100.0
Less than $5,000	13	15	15.1	16.5	11	16	0.3	0.5	26,325	33,443	0.2	0.5	14,271	20,307	0.2	0.5
$5,000 to $20,000	11	18	12.8	19.8	36	97	1.1	3.0	117,986	191,399	0.7	2.7	70,959	116,197	0.9	3.0
$20,000 to $100,000	20	36	23.3	39.6	292	982	8.7	30.6	1,078,723	1,891,255	6.7	26.4	542,492	1,047,625	6.9	27.4
$100,000 to $500,000	36	[2] 22	41.9	24.2	1,891	[2] 2,114	56.1	65.9	7,768,048	[2] 5,057,913	48.1	70.5	4,204,136	[2] 2,634,964	53.7	69.0
$500,000 to $1,000,000	3	.....	3.5	.....	257	.....	7.6	.....	1,905,276	.....	11.8	.....	837,043	.....	10.7	.....
$1,000,000 and over	3	.....	3.5	.....	886	.....	26.3	.....	5,258,507	.....	32.6	.....	2,162,574	.....	27.6	.....
LIQUORS, MALT	20	32	100.0	100.0	2,930	5,947	100.0	100.0	24,365,548	31,801,404	100.0	100.0	20,641,517	24,428,671	100.0	100.0
Less than $20,000	.....	5	.....	15.6	.....	13	.....	0.2	.....	42,472	.....	0.1	.....	20,085	.....	0.1
$20,000 to $100,000	[7] 7	11	35.0	34.4	[7] 72	162	2.5	2.7	[7] 375,427	697,173	1.5	2.2	[7] 247,462	474,073	1.2	1.9
$100,000 to $500,000	5	5	25.0	15.6	159	[2] 777	5.4	13.1	1,156,377	1,129,048	4.7	3.6	776,786	[2] 3,164,500	3.8	13.0
$500,000 to $1,000,000	3	6	15.0	18.8	209	.....	7.1	.....	2,035,710	3,547,991	8.4	11.2	1,627,380	.....	7.9	.....
$1,000,000 and over	5	5	25.0	15.6	2,490	4,995	85.0	84.0	20,798,034	26,384,720	85.4	83.0	17,989,880	20,761,013	87.2	85.0
PRINTING AND PUBLISHING, BOOK AND JOB	460	435	100.0	100.0	5,866	5,123	100.0	100.0	25,880,461	12,434,192	100.0	100.0	16,641,977	8,575,864	100.0	100.0
Less than $5,000	113	174	24.6	40.0	61	176	1.0	3.4	281,396	401,650	1.1	3.2	183,180	293,156	1.1	3.4
$5,000 to $20,000	171	158	37.2	36.3	506	771	8.6	15.0	1,888,564	1,587,698	7.3	12.8	1,218,051	1,150,895	7.3	13.4
$20,000 to $100,000	118	75	25.7	17.2	1,158	1,315	19.7	25.7	5,463,591	3,327,887	21.1	26.8	3,496,641	2,274,257	21.0	26.5
$100,000 to $500,000	51	25	11.1	5.7	2,428	[4] 2,861	41.4	55.8	9,839,819	4,418,744	38.0	35.5	6,251,937	[4] 4,857,556	37.6	56.6
$500,000 to $1,000,000	4	[5] 3	0.9	0.7	590	.....	10.1	.....	2,487,984	[5] 2,698,213	9.6	21.7	1,517,575	.....	9.1	.....
$1,000,000 and over	3	.....	0.6	.....	1,123	.....	19.1	.....	5,919,107	.....	22.9	.....	3,974,593	.....	23.9	.....

[1] Includes the group "Less than $5,000."
[2] Includes the group "$500,000 to $1,000,000."
[3] Includes "chewing gum" in 1914.
[4] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[5] Includes the group "$1,000,000 and over."
[6] Includes "iron and steel, tempering and welding" and "machine tools."
[7] Includes the group "$5,000 to $20,000."

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Con.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	774	851	100.0	100.0	4,183	4,279	100.0	100.0	$30,011,808	$18,034,624	100.0	100.0	$18,152,235	$13,058,831	100.0	100.0
Less than $5,000	413	572	53.4	67.2	362	845	8.7	19.7	1,079,805	1,360,935	3.6	7.5	829,963	1,123,928	4.6	8.6
$5,000 to $20,000	256	204	33.1	24.0	697	723	16.7	16.9	2,340,731	1,822,362	7.8	10.1	1,802,150	1,544,534	9.9	11.8
$20,000 to $100,000	69	51	8.9	6.0	580	400	13.9	9.3	2,767,614	1,965,998	9.2	10.9	2,112,174	1,656,462	11.6	12.7
$100,000 to $500,000	26	17	3.4	2.0	764	[1] 1,221	18.3	28.5	4,916,409	3,515,447	16.4	19.5	3,624,091	[1] 3,809,478	20.0	29.2
$500,000 to $1,000,000	4	3	0.5	0.4	359	.....	8.5	.....	2,372,905	1,950,317	7.9	10.8	1,646,995	.....	9.1	.....
$1,000,000 and over	6	4	0.8	0.5	1,421	1,090	34.0	25.5	16,534,344	7,419,565	55.1	41.1	8,136,853	4,924,429	44.8	37.7
SLAUGHTERING AND MEAT PACKING	49	31	100.0	100.0	8,290	5,152	100.0	100.0	246,610,195	91,608,121	100.0	100.0	18,600,819	7,272,686	100.0	100.0
$5,000 to $20,000	5	.....	10.2	.....	2	.....	(2)	.....	59,883	.....	(2)	.....	17,457	.....	0.1	.....
$20,000 to $100,000	16	[3] 11	32.7	35.5	33	[3] 53	0.4	1.0	845,713	[3] 439,461	0.3	0.5	144,696	[3] 93,331	0.8	1.3
$100,000 to $500,000	12	[1] 11	24.5	35.5	97	[1] 182	1.2	3.5	2,492,691	[1] 3,096,930	1.0	3.4	261,692	[1] 338,708	1.4	4.7
$500,000 to $1,000,000	3	.....	6.1	.....	104	.....	1.3	.....	2,266,827	.....	0.9	.....	315,810	.....	1.7	.....
$1,000,000 and over	13	9	26.5	29.0	8,054	4,917	97.2	95.4	240,945,081	88,071,730	97.7	96.1	17,861,164	6,840,647	96.0	94.1
STOVES AND HOT-AIR FURNACES	19	15	100.0	100.0	2,462	1,714	100.0	100.0	15,339,544	6,644,251	100.0	100.0	9,274,252	4,305,848	100.0	100.0
$20,000 to $100,000	5	3	26.3	20.0	45	70	1.8	4.1	222,186	164,302	1.4	2.5	116,178	87,892	1.3	2.0
$100,000 to $500,000	6	9	31.6	60.0	283	[4] 1,644	11.5	95.9	1,569,761	1,890,063	10.2	28.4	717,795	[4] 4,217,956	7.7	98.0
$500,000 to $1,000,000	3	[5] 3	15.8	20.0	469	.....	19.0	.....	1,951,999	[5] 4,589,886	12.7	69.1	1,488,467	.....	16.0	.....
$1,000,000 and over	5	.....	26.3	.....	1,665	.....	67.6	.....	11,595,598	.....	75.6	.....	6,951,812	.....	75.0	.....

[1] Includes the group "$500,000 to $1,000,000."
[2] Less than one-tenth of 1 per cent.
[3] Includes the groups "Less than $5,000" and "$5,000 to $20,000."
[4] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[5] Includes the group "$1,000,000 and over."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent of total.	VALUE OF PRODUCTS. Amount.	VALUE OF PRODUCTS. Per cent of total.	VALUE ADDED BY MANUFACTURE. Amount.	VALUE ADDED BY MANUFACTURE. Per cent of total.
CAPE GIRARDEAU	50	1,427	100.0	$8,586,593	100.0	$2,897,990	100.0
Less than $5,000	13	13	0.9	34,759	0.4	19,462	0.7
$5,000 to $20,000	17	62	4.3	197,454	2.3	99,548	3.4
$20,000 to $100,000	11	121	8.5	563,162	6.6	261,335	9.0
$100,000 and over	9	1,231	86.3	7,791,218	90.7	2,517,645	86.9
CARTHAGE	49	515	100.0	6,627,782	100.0	1,280,586	100.0
Less than $5,000	10	11	2.1	30,111	0.5	13,170	1.0
$5,000 to $20,000	14	39	7.6	137,110	2.1	72,871	5.7
$20,000 to $100,000	19	155	30.1	779,353	11.8	350,773	27.4
$100,000 to $500,000	3	100	19.4	833,382	12.6	243,400	19.0
$1,000,000 and over	3	210	40.8	4,847,826	73.1	600,372	46.9
COLUMBIA	25	379	100.0	2,232,207	100.0	681,922	100.0
Less than $5,000	7	4	1.1	19,086	0.9	10,214	1.5
$5,000 to $20,000	7	13	3.4	70,130	3.1	44,144	6.5
$20,000 to $100,000	6	42	11.1	269,400	12.1	169,975	24.9
$100,000 and over	5	320	84.4	1,873,591	83.9	457,589	67.1
HANNIBAL	67	2,800	100.0	14,026,833	100.0	5,512,023	100.0
Less than $5,000	10	7	0.2	28,629	0.2	15,427	0.3
$5,000 to $20,000	25	60	2.1	235,518	1.7	132,068	2.4
$20,000 to $100,000	18	193	6.9	934,431	6.7	368,556	6.7
$100,000 to $500,000	7	150	5.4	981,098	7.0	620,563	11.3
$500,000 to $1,000,000	4	286	10.2	3,007,797	21.4	874,385	15.9
$1,000,000 and over	3	2,104	75.1	8,839,360	63.0	3,501,024	63.5
INDEPENDENCE [1]	21	283	100.0	5,344,137	100.0	1,005,813	100.0
JEFFERSON CITY	42	1,713	100.0	10,188,406	100.0	2,823,701	100.0
Less than $5,000	11	7	0.4	34,543	0.3	19,189	0.7
$5,000 to $20,000	16	56	3.3	160,516	1.6	95,978	3.4
$20,000 to $100,000	3	35	2.0	121,437	1.2	72,149	2.6
$100,000 to $500,000	7	572	33.4	1,853,716	18.2	996,208	35.3
$500,000 and over	5	1,043	60.9	8,018,194	78.7	1,640,177	58.1
JOPLIN	139	1,810	100.0	14,219,935	100.0	4,605,860	100.0
Less than $5,000	42	29	1.6	125,323	0.9	76,485	1.7
$5,000 to $20,000	41	103	5.7	453,826	3.2	261,875	5.7
$20,000 to $100,000	35	260	14.4	1,708,592	12.0	737,836	16.0
$100,000 to $500,000	15	491	27.1	3,185,487	22.4	1,409,741	30.6
$500,000 and over	6	927	51.2	8,746,707	61.5	2,119,923	46.0
KANSAS CITY	997	22,137	100.0	$192,815,052	100.0	$68,505,148	100.0
Less than $5,000	154	83	0.4	438,354	0.2	268,407	0.4
$5,000 to $20,000	311	752	3.4	3,462,041	1.8	2,062,229	3.0
$20,000 to $100,000	304	3,206	14.5	14,766,273	7.7	8,313,934	12.1
$100,000 to $500,000	159	5,527	25.0	34,830,913	18.1	15,840,641	23.1
$500,000 to $1,000,000	36	4,279	19.3	27,027,396	14.0	11,503,023	16.8
$1,000,000 and over	33	8,290	37.4	112,290,075	58.2	30,516,914	44.5
MOBERLY	25	570	100.0	4,496,894	100.0	1,244,180	100.0
Less than $5,000	3	3	0.5	13,206	0.3	6,266	0.5
$5,000 to $20,000	7	13	2.3	64,295	1.4	28,988	2.3
$20,000 to $100,000	12	107	18.8	721,952	16.1	282,290	22.7
$100,000 and over	3	447	78.4	3,697,441	82.2	926,636	74.5
ST. JOSEPH	219	5,943	100.0	50,697,198	100.0	17,345,706	100.0
Less than $5,000	28	11	0.2	78,456	0.2	44,710	0.3
$5,000 to $20,000	70	150	2.5	756,011	1.5	407,896	2.3
$20,000 to $100,000	69	738	12.4	3,412,786	6.7	1,727,199	10.0
$100,000 to $500,000	27	1,276	21.5	6,580,002	13.0	3,028,139	17.5
$500,000 to $1,000,000	15	1,795	30.2	9,980,104	19.7	4,651,254	26.8
$1,000,000 and over	10	1,973	33.2	29,889,839	59.0	7,486,508	43.2
ST. LOUIS	3,205	107,919	100.0	871,700,438	100.0	330,874,091	100.0
Less than $5,000	590	300	0.3	1,516,942	0.2	981,857	0.3
$5,000 to $20,000	986	3,137	2.9	14,812,586	1.7	7,958,173	2.4
$20,000 to $100,000	805	8,813	8.2	40,786,197	4.7	21,507,346	6.5
$100,000 to $500,000	534	23,568	21.8	122,565,306	14.1	59,126,585	17.9
$500,000 to $1,000,000	126	13,729	12.7	88,240,712	10.1	37,407,512	11.3
$1,000,000 and over	164	58,372	54.1	603,778,695	69.2	203,892,618	61.6
SEDALIA	66	1,163	100.0	5,561,865	100.0	2,073,907	100.0
Less than $5,000	24	15	1.3	55,851	1.0	36,223	1.7
$5,000 to $20,000	19	58	5.0	219,708	3.9	119,665	5.8
$20,000 to $100,000	17	131	11.3	788,387	14.2	379,200	18.3
$100,000 and over	6	959	82.5	4,497,919	80.9	1,538,819	74.2
SPRINGFIELD	107	2,910	100.0	18,812,549	100.0	6,215,865	100.0
Less than $5,000	22	15	0.5	56,189	0.3	35,249	0.6
$5,000 to $20,000	38	115	4.0	424,007	2.3	258,826	4.2
$20,000 to $100,000	23	211	7.3	1,078,000	5.7	464,434	7.5
$100,000 to $500,000	12	382	13.1	1,878,686	10.0	861,798	13.9
$500,000 to $1,000,000	5	441	15.2	2,870,512	15.3	1,319,582	21.2
$1,000,000 and over	7	1,746	60.0	12,505,155	66.5	3,275,976	52.7

[1] Figures can not be shown by groups without disclosing individual operations.

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	4,209	2,802	1,581	195,037	13,093	174,296	7,648	6.7	89.4	3.9	$1,594,208,338	$69,526,004	$1,480,883,324	$43,798,920	4.4	92.9	2.7
	1914	4,346	2,501	1,539	152,182	12,832	133,110	6,240	8.4	87.5	4.1	637,952,128	40,542,260	574,836,664	22,573,204	6.4	90.1	3.5
	1909	4,335	2,447	1,593	152,993	13,755	130,514	8,724	9.0	85.3	5.7	574,111,070	38,121,568	508,761,173	27,228,320	6.6	88.6	4.7
Boxes, paper and other, not elsewhere specified.	1919	5	33	3	2,369	62	2,282	25	2.6	96.3	1.1	8,857,121	249,894	8,536,517	70,710	2.8	96.4	0.8
	1914	4	27	1	1,092	[1] 82	1,010	.....	7.5	92.5	.....	1,636,088	[1] 112,445	1,523,643	.....	6.9	93.1	.....
Bread and other bakery products.	1919	788	63	124	6,156	1,311	4,535	310	21.3	73.7	5.0	43,839,428	10,080,022	31,203,810	2,555,596	23.0	71.2	5.8
	1914	874	39	130	5,269	1,414	3,506	349	26.8	66.5	6.6	19,940,499	5,771,880	12,766,532	1,402,087	28.9	64.0	7.0
Brick and tile, terra-cotta, and fire-clay products.	1919	15	45	5	4,469	508	3,919	42	11.4	87.7	0.9	11,455,779	1,408,645	9,978,961	68,173	12.3	87.1	0.6
	1914	30	48	12	5,188	609	4,508	71	11.7	86.9	4.1	6,509,161	758,437	5,664,220	86,504	11.7	87.0	1.3
Butter	1919	20	33	13	636	45	613	28	6.6	89.4	4.1	22,147,691	1,419,127	20,188,615	539,949	6.4	91.2	2.4
	1914	16	24	14	361	30	303	28	8.3	83.9	7.8	5,167,343	248,665	4,617,591	301,087	4.8	89.4	5.8
Clothing, men's	1919	29	66	17	6,823	445	6,100	278	6.5	89.4	4.1	35,838,747	1,180,868	33,199,355	1,458,524	3.3	92.6	4.1
	1914	14	45	12	5,593	181	5,188	224	3.2	92.8	4.0	13,484,374	294,541	12,651,658	538,175	2.2	93.8	4.0
Clothing, women's	1919	35	56	25	3,308	626	2,246	436	18.9	67.9	13.2	18,433,548	2,734,714	13,003,297	2,695,537	14.8	70.5	14.6
	1914	23	37	14	2,355	326	1,674	355	13.8	71.1	15.1	5,517,015	832,892	3,943,425	740,698	15.1	71.5	13.4
Coffee, roasting and grinding.	1919	4	31	5	814	6	793	15	0.7	97.4	1.8	30,070,206	95,261	29,619,804	355,141	0.3	98.5	1.2
	1914	6	27	4	656	39	604	13	5.9	92.1	2.0	14,299,135	289,471	13,791,346	218,318	2.0	96.4	1.5
Confectionery and ice cream[2]	1919	103	50	67	3,669	550	2,975	144	15.0	81.1	3.9	23,497,553	3,000,292	19,422,459	1,074,802	12.8	82.7	4.6
	1914	69	42	43	2,854	225	2,468	161	7.9	86.5	5.6	9,251,427	808,932	7,753,411	689,084	8.7	83.8	7.4
Electrical machinery, apparatus, and supplies.	1919	3	31	1	6,367	[1] 65	6,302	.....	1.0	99.0	.....	22,007,658	[1] 244,467	21,763,191	.....	1.1	98.9	.....
	1914	7	12	.....	2,560	321	2,239	.....	12.5	87.5	.....	6,643,210	359,782	6,283,428	.....	5.4	94.6	.....
Flour-mill and gristmill products.	1919	315	179	196	3,015	259	2,539	217	8.6	84.2	7.2	113,297,359	6,390,869	100,538,509	6,367,981	5.6	88.7	5.6
	1914	284	152	205	2,096	393	1,345	358	18.7	64.2	17.1	38,686,309	4,328,928	27,838,468	6,518,913	11.2	72.0	16.8
Food preparations, not elsewhere specified.	1919	30	43	14	1,454	83	1,278	93	5.7	87.9	6.4	23,463,398	1,024,863	21,696,287	742,248	4.4	92.5	3.2
	1914	21	24	9	629	73	448	108	11.6	71.2	17.2	7,793,604	166,138	7,103,064	524,402	2.1	91.1	6.7
Foundry and machine-shop products.[3]	1919	112	167	42	9,705	523	9,006	176	5.4	92.8	1.8	50,142,868	2,176,015	47,235,430	731,423	4.3	94.2	1.5
	1914	82	139	40	5,602	289	5,142	171	5.2	91.8	3.1	14,564,313	780,839	13,381,213	402,261	5.4	91.9	2.8
Furniture	1919	23	54	9	3,373	113	3,199	61	3.4	94.8	1.8	16,154,865	439,807	15,414,449	300,609	2.7	95.4	1.9
	1914	28	55	8	3,209	227	2,935	47	7.1	91.5	1.5	7,174,010	476,607	6,596,029	101,374	6.6	91.9	1.4
Lumber and timber products.	1919	315	60	182	5,283	861	3,448	974	16.3	65.3	18.4	14,025,865	2,330,794	9,277,200	2,417,871	16.6	66.1	17.2
	1914	519	66	211	6,007	1,480	3,635	892	24.6	60.5	14.8	10,076,586	2,146,645	6,462,596	1,467,345	21.3	64.1	14.6
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	35	60	16	2,895	144	2,667	84	5.0	92.1	2.9	12,317,666	489,962	11,397,241	430,463	4.0	92.5	3.5
	1914	40	68	14	2,039	166	1,788	85	8.1	87.7	4.2	5,453,709	432,020	4,813,962	207,727	7.9	88.3	3.8
Patent medicines and compounds.	1919	57	75	10	1,040	109	918	13	10.5	88.3	1.2	14,590,676	996,312	13,446,399	147,965	6.8	92.2	1.0
	1914	61	92	15	787	102	677	8	13.0	86.0	1.0	6,828,865	785,282	5,992,996	50,587	11.5	87.8	0.7
Printing and publishing, book and job.	1919	240	149	71	5,866	671	4,847	348	11.4	82.6	5.9	25,880,461	2,959,085	21,431,721	1,489,655	11.4	82.8	5.8
	1914	241	124	70	5,123	643	4,166	314	12.6	81.3	6.1	12,434,192	1,333,101	10,290,477	810,614	10.7	82.8	6.5
Printing and publishing, newspapers and periodicals.	1919	462	160	152	4,183	1,341	2,505	337	32.1	59.9	8.1	30,011,808	8,376,113	19,598,796	2,036,899	27.9	65.3	6.8
	1914	540	155	156	4,279	1,412	2,531	336	33.0	59.1	7.9	18,034,624	4,907,972	12,333,629	793,023	27.2	68.4	4.4
Shirts	1919	3	16	.....	2,715	7	2,708	.....	0.3	99.7	.....	11,704,712	22,240	11,682,472	.....	0.2	99.8	.....
	1914	5	14	.....	2,547	19	2,528	.....	0.7	99.3	.....	3,815,735	34,581	3,781,154	.....	0.9	99.1	.....
Slaughtering and meat packing.	1919	21	25	3	8,290	[1] 49	8,241	.....	0.6	99.4	.....	246,610,195	[1] 1,719,239	244,890,956	.....	0.7	99.3	.....
	1914	6	22	3	5,152	[1] 48	5,104	.....	0.9	99.1	.....	91,608,121	[1] 773,033	90,835,088	.....	0.8	99.2	.....
Total for cities	1919	2,169	2,157	686	149,569	8,726	136,109	4,734	5.8	91.0	3.2	1,205,309,889	49,135,015	1,127,451,640	28,723,234	4.1	93.5	2.4
	1914	2,136	1,862	595	116,260	8,088	104,560	3,612	7.0	89.9	3.1	475,161,684	28,057,872	434,073,864	13,029,948	5.9	91.4	2.7
CAPE GIRARDEAU	1919	19	18	13	1,427	110	1,279	38	7.7	89.6	2.7	8,586,593	599,077	7,762,869	224,647	7.0	90.4	2.6
	1914	16	20	6	1,259	47	1,179	33	3.7	93.6	2.6	3,888,376	159,058	3,638,312	91,006	4.1	93.6	2.3
CARTHAGE	1919	18	17	14	515	85	389	41	16.5	75.5	8.0	6,627,782	298,757	6,038,376	290,649	4.5	91.1	4.4
COLUMBIA	1919	10	10	5	379	28	333	18	7.4	87.9	4.7	2,232,207	189,144	1,985,450	57,613	8.5	88.9	2.6
	1914	10	8	4	479	29	413	37	6.1	86.2	7.7	1,269,702	70,056	1,156,023	43,623	5.5	91.0	3.4

[1] Includes the group "All others." [2] Includes "chewing gum" in 1914. [3] Includes "iron and steel, tempering and welding" and "machine tools."

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Con.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
HANNIBAL	1919	32	24	11	2,800	78	2,651	71	2.8	94.7	2.5	$14,026,833	$478,971	$13,113,176	$434,686	3.4	93.5	3.1
	1914	23	27	16	2,366	62	2,232	72	2.6	94.3	3.0	6,214,645	172,360	5,434,799	607,486	2.8	87.5	9.8
INDEPENDENCE	1919	8	10	3	283	19	254	10	6.7	89.8	3.5	5,344,137	179,873	5,074,560	89,704	3.4	94.9	1.7
JEFFERSON CITY	1919	15	21	6	1,713	28	1,677	8	1.6	97.9	0.5	10,188,406	117,825	10,035,448	35,133	1.2	98.5	0.3
	1914	14	21	15	1,401	64	1,300	37	4.6	92.8	2.6	8,086,920	127,552	7,790,076	169,292	1.6	96.3	2.1
JOPLIN	1919	59	45	35	1,810	117	1,530	163	6.5	84.5	9.0	14,219,935	753,755	12,663,221	802,959	5.3	89.1	5.6
	1914	49	30	21	1,156	148	889	119	12.8	76.9	10.3	5,950,150	375,546	5,056,708	517,896	6.3	85.0	8.7
KANSAS CITY	1919	433	403	161	22,137	2,194	18,400	1,543	9.9	83.1	7.0	192,815,052	14,607,082	167,444,420	10,763,550	7.6	86.8	5.6
	1914	508	369	175	16,252	2,489	12,776	987	15.3	78.6	6.1	60,953,411	9,767,165	46,421,112	4,765,134	16.0	76.2	7.8
MOBERLY	1919	9	12	4	570	18	542	10	3.2	95.1	1.8	4,496,894	181,095	4,258,937	56,862	4.0	94.7	1.3
	1914	15	11	3	463	37	414	12	8.0	89.4	2.6	2,136,330	133,724	1,970,239	32,367	6.3	92.2	1.5
ST. JOSEPH	1919	93	100	26	5,943	259	5,572	112	4.4	93.8	1.9	50,697,198	1,669,412	48,257,979	769,807	3.3	95.2	1.5
	1914	131	100	36	4,914	334	4,369	211	6.8	88.9	4.3	17,067,642	1,197,631	15,229,836	640,175	7.0	89.2	3.8
ST. LOUIS	1919	1,399	1,429	377	107,919	5,594	99,743	2,582	5.2	92.4	2.4	871,700,438	29,175,171	827,975,054	14,550,213	3.3	95.0	1.7
	1914	1,288	1,215	284	85,058	4,618	78,465	1,975	5.4	92.2	2.3	360,479,868	15,221,438	339,678,539	5,579,891	4.2	94.2	1.5
SEDALIA	1919	29	25	12	1,163	55	1,075	33	4.7	92.4	2.8	5,561,865	233,902	5,144,155	183,808	4.2	92.5	3.3
	1914	39	19	11	903	106	757	40	11.7	83.8	4.4	2,921,686	355,035	2,434,867	131,784	12.2	83.3	4.5
SPRINGFIELD	1919	45	43	19	2,910	141	2,664	105	4.8	91.5	3.6	18,812,549	650,951	17,697,995	463,603	3.5	94.1	2.5
	1914	43	42	24	2,009	154	1,766	89	7.7	87.9	4.4	6,192,954	478,307	5,263,353	451,294	7.7	85.0	7.3

TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.								THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.[1]		10,000 to 25,000[1]		25,000 to 100,000		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	13	.....	8	.....	3	.....	2	.....	.....	.....
	1914	.....	12	.....	7	.....	3	.....	2	.....	.....	.....
	1909	.....	10	.....	5	.....	3	.....	2	.....	.....	.....
Population [2]	1920	3,404,055	1,354,925	39.8	110,146	3.2	147,472	4.3	1,097,307	32.2	2,049,130	60.2
	1915	3,372,886	1,270,659	37.7	99,836	3.0	154,245	4.6	1,016,578	30.1	2,102,227	62.3
	1910	3,293,335	1,150,840	34.9	70,753	2.1	144,677	4.4	935,410	28.4	2,142,495	65.1
Number of establishments	1919	8,592	5,012	58.3	345	4.0	465	5.4	4,202	48.9	3,580	41.7
	1914	8,386	4,613	55.0	298	3.6	476	5.7	3,839	45.8	3,773	45.0
	1909	8,375	4,247	50.7	232	2.8	446	5.3	3,569	42.6	4,128	49.3
Average number of wage earners	1919	195,037	149,569	76.7	8,850	4.5	10,663	5.5	130,056	66.7	45,468	23.3
	1914	152,182	116,396	76.5	7,007	4.6	8,079	5.3	101,310	66.6	35,786	23.5
	1909	152,993	115,565	75.5	5,200	3.4	8,351	5.5	102,014	66.7	37,428	24.5
Value of products	1919	$1,594,208,338	$1,205,309,889	75.6	$57,064,717	3.6	$83,729,682	5.3	$1,064,515,490	66.8	$388,898,449	24.4
	1914	637,952,128	475,867,911	74.6	25,223,886	4.0	29,210,746	4.6	421,433,279	66.1	162,084,217	25.4
	1909	574,111,070	427,078,288	74.4	16,734,760	2.9	27,143,705	4.7	383,199,823	66.7	147,032,782	25.6
Value added by manufacture	1919	537,751,174	445,066,792	82.8	17,520,122	3.3	28,167,431	5.2	399,379,239	74.4	92,684,382	17.3
	1914	249,237,269	206,229,724	82.7	9,866,088	4.0	10,717,276	4.3	185,646,360	74.5	43,007,545	17.3
	1909	219,699,919	181,522,835	82.6	5,945,511	2.7	10,684,506	4.9	164,892,818	74.9	38,177,084	17.4

[1] Includes Webb City in 1914 and 1909; population less than 10,000 in 1919.
[2] Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN CITIES OF 50,000 INHABITANTS OR MORE, WITH PER CENT OF TOTAL FOR STATE: 1919.

CITY AND INDUSTRY.	VALUE OF PRODUCTS. Amount, 1919.	Per cent of total for the state.	Increase[1] over 1914. Amount.	Per cent.
KANSAS CITY.				
Bread and other bakery products	$15,762,836	36.0	$8,669,469	122.2
Printing and publishing, newspapers and periodicals	10,592,983	35.3	5,674,961	115.4
Butter	7,879,726	35.6	(2)	.....
Flour-mill and gristmill products	7,611,780	6.7	4,082,888	115.7
Printing and publishing, book and job	6,715,257	25.9	3,635,243	118.0
Coffee, roasting and grinding	6,393,929	21.3	4,746,262	288.1
Clothing, men's	6,048,192	16.8	(2)	.....
Food preparations, not elsewhere specified	5,839,526	24.9	4,073,524	230.7
Cars and general shop construction and repairs by steam-railroad companies	3,840,304	11.6	2,336,465	155.4
Copper, tin, and sheet-iron work	3,226,533	39.6	2,010,076	165.2
Lumber, planing-mill products, not including planing mills connected with sawmills	2,653,164	21.5	992,676	59.8
Confectionery and ice cream	2,197,935	9.4	738,075	50.6
Automobiles				
Awnings, tents, and sails				
Chewing gum				
Cordials and flavoring sirups				
Liquors, malt	(2)	(2)	(2)	(2)
Millinery and lace goods, not elsewhere specified				
Paints				
Petroleum, refining				
ST. JOSEPH.				
Flour-mill and gristmill products	19,106,839	16.9	16,392,803	604.0
Confectionery and ice cream	5,550,754	23.6	(2)	.....
Boots and shoes	2,020,617	1.9	1,109,084	121.7
Clothing, men's	1,565,460	4.4	(2)	.....
Saddlery and harness	1,136,015	12.0	420,761	60.9
Bread and other bakery products	912,518	2.1	497,702	120.0
Printing and publishing, newspapers and periodicals	893,733	3.0	200,666	29.0
Printing and publishing, book and job	761,536	2.9	298,826	64.6
Butter				
Cars and general shop construction and repairs by steam-railroad companies				
Coffee, roasting and grinding				
Food preparations, not elsewhere specified	(2)	(2)	(2)	(2)
Gas, illuminating and heating				
Liquors, malt				
Shirts				
Stationery goods, not elsewhere specified				

CITY AND INDUSTRY.	VALUE OF PRODUCTS. Amount, 1919.	Per cent of total for the state.	Increase[1] over 1914. Amount.	Per cent.
ST. LOUIS.				
Slaughtering and meat packing	$96,044,220	38.9	$59,538,068	163.1
Boots and shoes, not including rubber boots and shoes	59,857,853	54.8	40,957,084	216.7
Tobacco manufactures	45,947,990	96.2	(2)	.....
Foundry and machine-shop products[3]	31,493,878	63.4	8,886,184	39.3
Boot and shoe cut stock	28,696,415	100.0	(2)	.....
Bags, other than paper, not including bags made in textile mills	27,970,073	73.6	(2)	.....
Coffee, roasting and grinding	21,956,572	73.0	9,984,671	83.4
Clothing, men's	21,135,292	59.0	14,306,258	209.5
Bread and other bakery products	21,047,650	48.0	11,591,104	122.6
Liquors, malt	20,591,404	84.5	−6,238,070	−23.3
Clothing, women's	17,415,571	94.5	12,062,303	225.3
Printing and publishing, book and job	16,868,408	65.2	8,019,212	112.2
Food preparations, not elsewhere specified	15,239,112	64.9	10,109,255	197.1
Electrical machinery, apparatus, and supplies	14,847,552	67.5	11,572,305	353.3
Furniture	13,958,300	86.4	8,336,410	148.3
Printing and publishing, newspapers and periodicals	13,832,301	46.1	5,176,708	59.8
Stoves and hot-air furnaces	13,569,872	88.5	(2)	.....
Confectionery and ice cream	13,432,819	57.2	8,794,485	187.7
Flour-mill and gristmill products	12,928,163	11.4	9,964,110	336.2
Patent medicines and compounds	12,575,220	86.2	6,490,723	106.7
Chemicals	11,978,475	88.5	(2)	.....
Paints	10,864,510	74.8	6,148,730	130.4
Shirts	8,686,057	74.2	5,242,926	152.2
Automobile bodies and parts	8,326,287	89.4	8,067,559	3,118.2
Brass and bronze products	8,051,089	98.8	(2)	.....
Boxes, paper and other, not elsewhere specified	8,010,943	90.4	6,755,192	537.9
Wirework, including wire rope and cable, not elsewhere specified	7,438,233	95.5	4,173,501	127.8
Lumber, planing-mill products, not including planing mills connected with sawmills	7,434,254	60.4	5,321,440	251.9
Brick and tile, terra-cotta, and fire-clay products	5,950,205	51.9	1,895,850	46.8
Cars and general shop construction and repairs by steam-railroad companies	5,356,978	16.2	3,121,861	139.7
Millinery and lace goods, not elsewhere specified	5,060,774	68.2	3,444,197	211.9
Boxes, wooden packing, except cigar boxes	5,002,785	68.4	2,966,603	145.7
Cars, steam-railroad, not including operations of railroad companies				
Gas, illuminating and heating				
Iron and steel, steel works and rolling mills	(2)	(2)	(2)	(2)
Jute goods				
Soap				
Stamped ware, not elsewhere specified				

[1] A minus sign (—) denotes decrease.
[2] Figures can not be shown without disclosing individual operations.
[3] Includes "iron and steel, tempering and welding."

TABLE 17.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS. 1919	1914	1909	HORSEPOWER. Amount. 1919	1914	1909	Per cent distribution. 1919	1914	1909
Primary power, total	27,701	16,197	11,545	477,303	391,385	340,467	100.0	100.0	100.0
Owned	4,199	4,824	5,140	295,092	305,014	295,391	61.8	77.9	86.8
Steam[1]	2,873	3,428	3,802	269,657	283,490	280,494	56.5	72.4	82.4
Engines	2,762	(2)	(2)	244,096	(2)	(2)	51.1	.....	.....
Turbines	111	(2)	(2)	25,561	(2)	(2)	5.4	.....	.....
Internal-combustion engines	1,228	1,273	1,200	22,049	18,321	11,159	4.6	4.7	3.3
Water	98	123	138	3,386	3,203	3,738	0.7	0.8	1.1
Water wheels and turbines	89	118	121	3,169	3,172	3,532	0.7	0.8	1.0
Water motors	9	5	17	217	31	206	(3)	(3)	0.1
Rented	23,502	11,373	6,405	182,211	86,371	45,076	38.2	22.1	13.2
Electric	23,502	11,373	6,405	181,556	84,362	44,056	38.0	21.6	12.9
Other	.....	.....	.....	655	2,009	1,020	0.1	0.5	0.3
Electric	33,081	18,951	11,534	287,572	181,981	106,941	100.0	100.0	100.0
Rented	23,502	11,373	6,405	181,556	84,362	44,056	63.1	46.4	41.2
Generated by establishments reporting	9,579	7,578	5,129	106,016	97,619	62,885	36.9	53.6	58.8

[1] Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power.
[2] Not reported separately.
[3] Less than one-tenth of 1 per cent.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries.....1919..	14,652	4,117,582	194,758	1,839,968	31,322	1,658,684
1914..	15,100	3,577,688	222,717	1,346,828	(1)	1,073,686
Per cent of increase [2]	−3.0	15.1	−12.6	38.9	(1)	54.5
Boots and shoes, not including rubber boots and shoes	343	41,133	1,172	10	138	9,572
Brass and bronze products		597	1,923	24,336	60	4,027
Bread and other bakery products	1,776	52,041	11,130	35,605	825	91,317
Brick and tile, terra-cotta, and fire-clay products	885	395,175	616	119,624	121	3,055
Cars and general shop construction and repairs by steam-railroad companies	1,221	207,032	4,897	17,941	9,011	55
Cement		448,863		9,666		
Chemicals	50	37,564	3,446	3,764		4,480
Confectionery and ice cream	105	30,409	640	1,155	448	26,046
Electrical machinery, apparatus, and supplies		13,252	428	6,229	208	107,402
Explosives		33,368	119	233		21,860
Flour-mill and gristmill products	302	206,350	36	28,436	4,041	5,133
Food preparations, not elsewhere specified	18	13,177	21	183	57	37,872
Foundry and machine-shop products	118	57,829	39,277	21,792	986	58,807
Furniture	487	17,170	1,365	496	390	5,389
Gas, illuminating and heating		702,610	24,807	194,082		
Ice, manufactured		295,493		141,348	114	2,683
Iron and steel, steel works and rolling mills		76,980	2,651	138,324		528
Lime		46,191			59	
Liquors, malt	4	173,914	2,326	37,511	1,304	3,480
Lumber and timber products		13,398		2,086	796	
Lumber, planing-mill products, not including planing mills connected with sawmills	7	14,499	60	42	91	2,687
Minerals and earths, ground or otherwise treated		17,438	97	5,050	1,532	
Paints		36,590	805	12,568	20	254
Printing and publishing, book and job	332	8,408	40	90	49	25,471
Printing and publishing, newspapers and periodicals	160	11,258	840	17,230	1,542	50,385
Slaughtering and meat packing		266,986	530	170,100	2	24,512
Soap		20,616	413			96
Stoves and hot-air furnaces	28	13,653	4,713		2	15,535
All other industries	8,816	865,588	92,406	852,067	9,526	1,158,038
Total for cities	10,783	2,377,400	149,996	805,411	17,425	1,595,231
CAPE GIRARDEAU	33	14,600	59	2	80	1,499
CARTHAGE	12	4,719	150	1	10	9,477
COLUMBIA		5,527	411			197
HANNIBAL		46,132	4,587	100	9	1,745
INDEPENDENCE	32	7,777	617	15,000		849
JEFFERSON CITY	3	10,093		4,064	102	2,082
JOPLIN	5	16,008	13,903	16,315	147	67,366
KANSAS CITY	1,294	158,687	10,672	350,388	3,264	140,784
MOBERLY	13	9,859	150		86	391
ST. JOSEPH	216	65,360	12,569	88,731	573	21,755
ST. LOUIS	9,119	1,980,631	100,552	321,387	4,253	1,331,113
SEDALIA		19,140	79	860	64	1,144
SPRINGFIELD	56	38,807	6,247	8,563	8,837	16,829

[1] Included in figures for fuel oils.

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

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for six of these industries in Missouri are here presented.

Slaughtering and meat packing (Table 19).—This table presents, for the census years 1919, 1914, and 1909, the kind, number, and cost of animals slaughtered; "All other materials," which include dressed meat purchased for curing, cottonseed oil for making lard compounds and substitutes, curing materials, seasoning, refrigeration, materials for making ice, containers, fuel, rent of power, mill supplies, and freight; and the quantity and value of the most important products that can be shown without disclosing individual operations. The value of minor and auxiliary products are grouped under "All other products," which include beef, pickled and other cured, canned pork, canned sausage, meat puddings, headcheese and scrapple, lard compounds and substitutes, oleo oil, oleo stearin, hoofs, horns, and horntips, strips and waste, hog and cattle hair, wool, stock feed, and ice. The value of goat meat was included with that of "Edible offal and other fresh meat."

The actual growth of the industry is indicated by a comparison of the number of animals killed in 1919 and 1914. The number of these slaughtered in 1919, exclusive of goats and kids, was 5,090,407 and in 1914, 3,975,313, an increase of 1,115,094, or 28.1 per cent. This increase was in all classes except sheep and lambs, which decreased 34,595. There was a large increase in the cost of each class of animals slaughtered, and the cost per unit for hogs, and sheep and lambs, more than doubled.

The production of mutton and lamb during this period declined 3,199,698 pounds and that of fresh pork 8,375,813 pounds, but the increase in cured pork was 103,940,812 pounds. There was a decline of 2,262,565 pounds in tallow and oleo stock and 340,637 pounds in casings.

The number of sheep and lamb skins was 34,621 less in 1919 than in 1914.

TABLE 19.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$228,009,376	$84,335,435	$72,004,428
Animals slaughtered, cost	$213,273,847	$77,107,756	$64,725,904
Beeves—			
Number	674,287	359,910	530,356
Cost	$61,904,149	$24,718,132	$24,332,919
Calves—			
Number	167,753	45,213	81,551
Cost	$3,827,762	$637,528	$821,829
Sheep and lambs—			
Number	742,156	776,751	546,649
Cost	$8,337,496	$4,192,669	$2,659,215
Hogs—			
Number	3,506,211	2,793,439	2,471,658
Cost	$139,204,440	$47,559,427	$36,911,941
All other materials, cost	$14,735,529	$7,227,679	$7,278,524

TABLE 19.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS.			
Total value	$246,610,195	$91,608,121	$79,325,733
Fresh meat, value	$94,931,313	$44,510,603	$37,958,629
Beef—			
Pounds	282,295,654	183,947,055	273,808,501
Value	$44,197,967	$20,409,895	$20,038,884
Veal—			
Pounds	16,819,269	4,402,875	8,831,469
Value	$2,980,652	$549,457	$767,841
Mutton and lamb—			
Pounds	27,183,158	30,382,856	21,896,982
Value	$6,090,276	$3,409,093	$2,209,306
Pork—			
Pounds	156,569,049	164,944,862	138,974,435
Value	$30,001,859	$18,746,424	$13,492,089
Edible offal and other fresh meat—			
Pounds	25,012,179	20,108,325	10,867,868
Value	$2,660,559	$1,335,734	$1,450,509
Pork, pickled and other cured:			
Pounds	313,862,906	209,022,094	222,224,021
Value	$90,646,301	$28,303,231	$24,769,411
Sausage:			
Pounds	35,010,739	16,183,674	18,022,011
Value	$6,630,306	$1,984,958	$1,376,818
Lard:			
Pounds	92,064,888	72,410,760	48,835,133
Value	$27,744,195	$7,573,570	$5,595,067
Tallow and oleo stock:			
Pounds	6,569,624	8,832,189	10,412,367
Value	$1,246,421	$617,446	$799,864
Grease and soap stock:			
Pounds	8,407,056	2,403,605	(1)
Value	$1,182,782	$136,273	(1)
Casings:			
Pounds	4,220,621	4,561,258	(1)
Value	$736,384	$473,885	(1)
Fertilizers and fertilizer materials:			
Tons	23,023	15,973	19,482
Value	$1,121,611	$473,606	$564,335
Hides and pelts:			
Cattle—			
Number	674,287	359,910	
Pounds	36,022,198	21,920,168	
Value	$11,487,699	$3,449,506	567,275
Calf—			32,406,006
Number	126,609	38,971	$4,427,484
Pounds	1,595,333	526,780	
Value	$830,008	$94,932	
Sheep and lamb—			
Number	742,144	776,765	281,627
Value	$2,108,383	$870,028	$330,199
All other products, value	$7,875,792	$3,030,083	$3,503,926

[1] Not reported separately.

This state ranked fifth in value of products in the slaughtering and meat-packing industry in the United States for the last three census periods—1919, 1914, and 1909.

Boots and shoes (Tables 20 and 21).—Table 20 gives the number of pairs and value of the various kinds of footwear made in Missouri in 1919, 1914, and 1909.

The number of pairs of boots and shoes reported in 1919 increased by 5,012,812, or 24.5 per cent, as compared with 1914, and by 799,892, or only 3.2 per cent, as compared with 1909. The value of the output for the former period shows an increase of $62,058,444, or 154.9 per cent. Missouri's proportion of the aggregate number of pairs of boots, shoes, and slippers reported for the United States was 8 per cent in 1919 as against 7.1 in 1914 and 9.1 in 1909. Men's shoes were the only kind in 1919 to show a decrease in output over 1914. All other kinds show an increase, and of these, women's shoes made the greatest gain, amounting to 3,497,453 pairs, or 51.7 per cent. In 1914 and 1909 men's boots and shoes led in production, but in 1919 more women's

shoes were reported than any other kind. Slippers were principally infants', and "All other products" for 1919 includes the value of a large quantity of cut stock which can not be shown separately without disclosing individual operations.

TABLE 20.—BOOTS AND SHOES, BY CLASSES: 1919, 1914, AND 1909.

CLASS.	NUMBER OF PAIRS AND VALUE.		
	1919	1914	1909
Aggregate number of pairs	26,362,397	20,868,352	25,931,107
Aggregate value	$109,193,423	$40,311,210	[1] $42,534,198
Boots and shoes:			
Total number of pairs	25,457,052	20,444,240	24,657,160
Total value	$102,132,828	$40,074,384	.....
Men's—			
Number of pairs	8,399,403	8,840,878	9,303,028
Value	$38,571,154	$21,036,331	.....
Boys' and youths'—			
Number of pairs	2,294,733	748,018	2,087,258
Value	$7,496,179	$1,278,816	.....
Women's—			
Number of pairs	10,256,064	6,758,611	8,642,965
Value	$43,848,582	$11,961,984	.....
Misses' and children's—			
Number of pairs	4,506,852	4,096,733	4,623,909
Value	$12,216,913	$5,797,253	.....
Slippers (all kinds):			
Number of pairs	905,345	424,112	1,273,947
Value	$698,323	$177,781	.....
All other products, value	$6,362,272	$59,045	.....

[1] Total value only reported in 1909.

Table 21 gives the kinds and number of pairs of boots and shoes produced in the state in 1919 and 1914, classified according to method of manufacture.

Welted shoes exceeded other kinds in number of pairs manufactured in 1919. This is a reversal of the showing made at the previous census when the McKay was the leading type. Men's, boys', and youths' boots and shoes were principally welted, while women's, misses', and children's were McKay. There was an increase in the turned and wood or metal fastened type for the period covered by the table. Stitchdown, a type not reported separately at previous censuses, shows a total of 1,155,291 pairs for 1919.

TABLE 21.—BOOTS AND SHOES—NUMBER OF PAIRS, BY METHOD OF MANUFACTURE: 1919 AND 1914.

CLASS.	Census year.	NUMBER OF PAIRS, BY METHOD OF MANUFACTURE.				
		Total.	Welted.	McKay.	Turned and wood or metal fastened.	Stitchdown.
Boots and shoes	1919	25,457,052	10,350,770	9,645,541	4,305,450	1,155,291
	1914	20,444,240	7,304,001	9,318,739	3,761,500	(1)
Men's	1919	8,399,403	6,175,367	.....	[2] 2,133,395	90,641
	1914	8,840,878	5,188,588	1,337,283	2,315,007	(1)
Boys' and youths'	1919	2,294,733	1,335,289	.....	[3] 959,444	.....
	1914	748,018	188,803	227,081	332,134	(1)
Women's	1919	10,256,064	1,739,626	7,256,108	817,001	443,239
	1914	6,758,611	1,986,610	4,224,983	547,018	(1)
Misses' and children's	1919	4,506,852	1,100,488	2,389,433	395,520	621,411
	1914	4,096,733	.....	3,529,392	[4] 567,341	(1)
Slippers (all kinds)	1919	905,345	.....	[4] 45,819	768,250	91,276
	1914	424,112	.....	[5] 424,112	.....	(1)

[1] Not reported separately.
[2] Includes "McKay."
[3] Includes "McKay" and "Stitchdown."
[4] Includes "Welted."
[5] Includes "Turned."

Flour-mill and gristmill products (Table 22).—This table shows the chief products of the industry in Missouri at the censuses of 1919, 1914, and 1909. Of the total value of products for the industry in the state, wheat flour formed 66.4 per cent in 1919 and 66.3 per cent in 1914. Bran and middlings and feed and offal combined formed 23.3 per cent and 25.8 per cent, respectively, for the two years. Illustrative of the high prices of commodities in 1919 as compared with 1914, the value of wheat flour increased 193.7 per cent and the quantity increased 32 per cent during the five-year period.

TABLE 22.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$113,297,359	$38,686,309	$44,508,106
Wheat flour:			
Barrels	7,132,417	5,402,391	5,672,269
Value	$75,273,509	$25,633,116	$30,054,028
Corn meal and corn flour:			
Barrels	822,994	763,678	1,020,738
Value	$6,235,585	$2,641,988	$3,129,694
Hominy and grits:			
Pounds	8,073,600	24,883,523	26,726,254
Value	$236,176	$373,432	$413,234
Bran and middlings:			
Tons (2,000 lbs.)	275,382	219,068	425,467
Value	$12,901,429	$5,071,600	$9,711,059
Feed and offal:			
Tons	242,320	188,597	
Value	$13,495,953	$4,898,895	
All other cereal products, value	$5,118,228	.....	.....
All other products, value	$36,479	$67,278	$1,200,091

Printing and publishing (Table 23).—This table shows the number and aggregate circulation per issue of all newspapers and periodicals in Missouri for the census years 1919, 1914, and 1909.

A decrease is shown during the five years 1914 to 1919, both in total number of publications and in their aggregate circulation per issue, due to the discontinuance of certain weekly and semimonthly publications, some of which were printed in the German language.

Notwithstanding the decrease in aggregate circulation for all publications, the circulation of daily newspapers increased 176,387, or 12.3 per cent, and of Sunday newspapers, 74,214, or 6.6 per cent. Of the dailies, 21 were published in the morning, with a circulation of 672,797, an increase of 50,038, or 8 per cent, over the figures for 1914; and 60 with a circulation of 935,809 were published in the afternoon, showing an increase of 126,349, or 15.6 per cent.

In 1919, 40 foreign-language publications with an aggregate circulation of 428,678 per issue were reported in the state, as compared with 54 in 1914 with a circulation of 491,675. This is a decrease of 25.9 per cent in number of publications and of 12.8 per cent in circulation. Of these foreign-language publications, 2 dailies, 3 Sundays, 6 weeklies, 3 semimonthlies, 9 monthlies, and 1 bimonthly were printed in German; 3 weeklies in Italian; 1 semiweekly, 1 weekly, 1 semimonthly, and 1 monthly in Bohemian; and 1 weekly each in Hungarian, Spanish, Polish, and Yiddish. There were 1 weekly and 3 monthly publications in

English and German, and 1 weekly in English and Italian.

TABLE 23.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	895	1,004	1,003	8,564,660	9,098,333	7,577,639
Daily	81	89	91	1,608,606	1,432,219	1,624,621
Sunday	18	23	21	1,205,673	1,131,459	978,377
Semiweekly [1]	17	12	13	404,235	108,326	353,481
Weekly	611	721	731	2,258,690	3,542,326	1,871,585
Semimonthly	26	20	13	477,621	704,401	193,248
Monthly	113	110	117	2,258,270	1,755,852	2,265,275
Quarterly	20	23	12	303,090	414,245	203,504
All other classes [2]	9	6	5	48,475	9,505	87,548

[1] Includes in 1919, 3 triweeklies, and in 1914 and 1909 each, 1 triweekly.
[2] Includes in 1919, 8, in 1914, 5, and in 1909, 2 bimonthly publications.

Butter (Table 24).—This table presents the quantity and value of butter manufactured in 1919, 1914, and 1909. The products of those establishments engaged primarily in the manufacture of cheese and condensed milk have been excluded from the table in order to avoid the possibility of disclosing the operations of individual establishments. The total quantity of butter increased 19,747,046 pounds, or 121.6 per cent, during the five-year period 1914 to 1919, while the value increased $15,683,563, or 352.1 per cent. In addition, in 1919, butter valued at $2,342,870 was manufactured in establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

TABLE 24.—BUTTER: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	$22,147,691	$5,167,343	$2,958,818
Butter:			
Pounds	35,988,733	16,241,687	10,261,876
Value	$20,138,209	$4,454,646	$2,862,230
Packed solid—			
Pounds	18,950,331	7,254,182	4,452,602
Value	$10,241,087	$1,961,029	$1,213,508
Prints or rolls—			
Pounds	17,038,402	8,987,505	5,809,274
Value	$9,897,122	$2,493,617	$1,648,722
All other products, value	$2,009,482	$712,697	$96,588

Electrical machinery, apparatus, and supplies (Table 25).—This table shows details as to products for the manufacture of electrical machinery, apparatus, and supplies in Missouri during the year 1919.

TABLE 25.—ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES: 1919.

PRODUCT.	Value.
Total	$22,007,658
Motors	8,600,563
Transformers and feeder potential regulators	1,640,785
Fuses, cut-outs, and fuse plugs	594,997
Household and industrial apparatus and devices	123,641
Sockets, receptacles, bases, and attachment plugs	85,097
All other electrical machinery, apparatus, and supplies	10,432,603
All other products	307,439
Amount received for custom work and repairing	222,533

Laundries (Table 26).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 26, however, summarizes the statistics for such laundries in the state of Missouri for 1919 and 1914.

TABLE 26.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, [1] 1914–1919.
	1919	1914	
Number of establishments	165	177	−6.8
Persons engaged	6,839	6,757	1.2
Proprietors and firm members	112	144	−22.2
Salaried employees	730	714	2.2
Wage earners (average number)	5,997	5,899	1.7
Primary horsepower	8,243	7,941	3.8
Capital	$7,321,472	$4,332,735	69.0
Salaries and wages	4,844,141	3,334,921	45.3
Salaries	934,688	725,766	28.8
Wages	3,909,453	2,609,155	49.8
Paid for contract work	17,624	9,821	79.5
Rent and taxes	251,712	176,825	42.4
Cost of materials	2,541,213	1,349,700	88.5
Amount received for work done	9,438,493	6,316,206	49.4

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

Dyeing and cleaning (Table 27).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table.

Statistics for such establishments have not been included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 27.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	125
Persons engaged	1,414
Proprietors and firm members	124
Salaried employees	228
Wage earners (average number)	1,062
Primary horsepower	1,202
Capital	$1,281,853
Salaries and wages	1,258,553
Salaries	359,455
Wages	899,098
Paid for contract work	8,985
Rent and taxes	118,704
Cost of materials	650,768
Amount received for work done	2,827,087

Custom sawmills and custom gristmills (Tables 28 and 29).—Statistics for custom sawmills and custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914.

Tables 28 and 29, however, summarize the statistics for such mills for 1919 and 1909. The value of products for custom sawmills represents the amount received for the work performed, and that for custom gristmills the value of the grain milled.

TABLE 28.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	285	419	−32.0
Persons engaged	517	1,135	−54.4
Proprietors and firm members	388	595	−34.8
Salaried employees	.....	4	.....
Wage earners (average number)	129	536	−75.9
Primary horsepower	5,648	7,060	−20.0
Capital	$343,578	$497,026	−30.9
Salaries and wages	88,938	117,407	−24.2
Salaries	.....	634	.....
Wages	88,938	116,773	−23.8
Rent and taxes	3,206	2,521	27.2
Cost of materials	28,659	13,568	111.2
Amount received for work done	278,210	414,135	−32.8

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

TABLE 29.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	251	412	−39.1
Persons engaged	332	730	−54.5
Proprietors and firm members	296	547	−45.9
Salaried employees	1	7	.....
Wage earners (average number)	35	176	−80.1
Primary horsepower	4,126	7,268	−43.2
Capital	$549,902	$860,960	−36.1
Salaries and wages	25,848	33,162	−22.1
Salaries	636	1,435	−55.7
Wages	25,212	31,727	−20.5
Rent and taxes	5,182	4,756	9.0
Cost of materials[2]	1,071,773	1,155,245	−7.2
Value of products[2]	1,318,391	1,461,474	−9.8

[1] A minus sign (−) denotes decrease; percentage omitted where base is less than 100.
[2] Includes estimate of all grain ground.

GENERAL TABLES.

Table 30 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for selected industries in the state and in Kansas City, St. Joseph, and St. Louis, and for each of the cities in the state having from 10,000 to 50,000 inhabitants, for which comparative figures are available, similar data for all industries combined.

Table 31 presents, for 1919, for the state as a whole and for Kansas City, St. Joseph, and St. Louis, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and the statistics for all industries combined for each of the cities in the state having from 10,000 to 50,000 inhabitants.

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
All industries	1919	8,592	195,037	477,303	196,515	1,056,457	1,594,208
	1914	8,386	152,182	391,385	89,197	388,715	637,952
	1909	8,375	152,993	340,467	80,843	354,411	574,111
Agricultural implements	1919	14	254	656	253	800	1,457
	1914	18	240	742	142	270	570
	1909	25	438	1,080	219	504	981
Automobiles, including bodies and parts.	1919	86	3,240	3,506	3,721	54,943	71,939
	1914	25	504	626	389	1,207	2,183
	1909	17	368	184	252	1,025	1,677
Awnings, tents, and sails	1919	23	771	273	591	3,786	5,824
	1914	21	428	203	206	991	1,552
	1909	18	429	217	193	1,207	1,784
Belting, leather	1919	8	56	133	57	768	1,041
	1914	5	44	156	34	364	503
Blacking and cleansing and polishing preparations.	1919	40	121	314	153	589	1,183
	1914	37	81	319	40	321	660
	1909	32	110	162	55	303	600
Boots and shoes, including cut stock and findings.	1919	73	10,535	12,946	15,777	106,807	142,466
	1914	54	14,740	9,527	6,933	37,131	52,522
	1909	59	17,396	11,113	8,164	34,540	48,751
Boxes, paper and other, not elsewhere specified.	1919	41	2,369	1,550	1,503	4,956	8,857
	1914	32	1,092	727	455	747	1,636
	1909	27	1,113	657	372	669	1,376
Brass and bronze products.	1919	21	608	887	670	5,859	8,208
	1914	18	383	523	264	2,438	3,047
	1909	18	297	448	196	1,654	2,221
Bread and other bakery products.	1919	975	6,156	6,730	6,093	26,356	43,839
	1914	1,043	5,269	5,000	2,875	10,157	19,940
	1909	954	4,743	3,023	2,487	10,829	18,524
Brick and tile, terra-cotta, and fire-clay products.	1919	65	4,469	15,132	4,486	3,918	11,456
	1914	90	5,188	14,747	2,771	1,995	6,509
Brooms	1919	63	295	205	239	603	1,021
	1914	49	223	184	112	323	666
	1909	50	184	126	89	411	708
Butter	1919	66	686	2,751	641	20,036	22,148
	1914	54	361	1,556	202	4,367	5,167
	1909	56	159	788	100	2,499	2,959
Canning and preserving [1]	1919	158	1,250	2,805	511	4,931	6,377
	1914	153	850	1,012	142	740	1,082
	1909	222	952	974	186	1,005	1,574
Carriages and wagons and materials.	1919	122	1,155	2,516	1,130	3,027	5,413
	1914	223	2,560	4,528	1,636	3,832	6,851
	1909	243	3,302	5,858	1,781	4,860	8,469
Cars and general shop construction and repairs by electric-railroad companies.	1919	8	1,162	540	1,407	1,234	2,719
	1914	8	1,168	812	807	834	1,710
	1909	7	905	3,005	620	501	1,204
Cars and general shop construction and repairs by steam-railroad companies.	1919	45	13,471	14,904	18,530	12,727	33,021
	1914	39	9,721	9,031	6,839	5,372	12,817
	1909	35	8,121	9,042	5,097	4,128	9,812
Chemicals	1919	22	1,253	4,149	1,162	7,717	13,538
	1914	22	842	1,764	498	4,164	6,936
	1909	9	619	886	333	2,224	3,640
Clothing, men's, including shirts.	1919	131	9,538	3,954	6,670	29,441	47,543
	1914	90	8,140	2,560	3,213	10,036	17,300
	1909	84	7,094	1,559	2,994	9,071	15,407
Clothing, women's	1919	116	3,308	534	2,883	11,493	18,434
	1914	74	2,355	602	1,093	3,034	5,517
	1909	68	2,750	487	1,137	3,180	5,439
Coffee, roasting and grinding.	1919	40	814	2,834	576	23,059	30,070
	1914	37	656	2,760	355	10,949	14,299
	1909	40	730	2,379	342	9,192	12,062
Coffins, burial cases, and undertakers' goods.	1919	16	608	1,196	618	1,784	3,253
	1914	8	436	792	267	586	1,038
	1909	11	540	663	296	776	1,565
Confectionery and ice cream. [2]	1919	220	3,669	5,773	2,837	12,928	23,498
	1914	154	2,854	3,931	1,183	5,256	9,251
Cooperage	1919	30	677	1,565	831	3,252	5,161
	1914	39	852	1,702	431	1,162	1,888
	1909	43	1,088	2,319	558	1,902	3,079
Copper, tin, and sheet-iron products. [3]	1919	197	3,386	3,332	3,388	11,223	19,697
	1914	195	2,506	2,394	1,569	4,769	8,390
	1909	207	2,637	1,556	1,482	4,598	7,827
Electrical machinery, apparatus, and supplies.	1919	35	6,367	6,128	5,684	8,162	22,008
	1914	19	2,560	1,918	1,536	2,416	6,643
	1909	20	1,060	1,180	627	1,104	3,251
Envelopes	1919	7	467	612	355	812	1,952
	1914	7	346	467	169	443	908
Flavoring extracts	1919	12	150	187	80	1,114	1,826
	1914	12	100	125	54	571	1,009
	1909	12	80	70	31	272	648
Flour-mill and gristmill products.	1919	690	3,015	47,546	3,154	98,185	113,297
	1914	641	2,096	39,003	1,122	33,262	38,686
	1909	680	2,198	43,175	1,040	38,826	44,508
Food preparations, not elsewhere specified.	1919	87	1,454	3,894	1,027	18,207	23,463
	1914	54	629	1,997	305	6,147	7,794
	1909	37	471	1,551	214	4,254	5,384
Foundry and machine-shop products. [4]	1919	812	14,317	28,105	17,617	30,095	71,864
	1914	356	8,449	18,402	5,877	10,522	22,271
	1909	329	7,443	13,568	4,860	9,156	19,975
Fur goods	1919	12	166	57	189	564	1,253
	1914	7	106	57	47	93	231
	1909	8	78	9	45	148	314
Furnishing goods, men's	1919	12	374	60	278	1,791	2,893
	1914	16	873	122	250	990	1,574
Furniture and refrigerators.	1919	93	3,580	7,605	3,745	9,039	17,682
	1914	100	3,346	6,546	2,043	3,533	7,608
	1909	99	3,427	6,203	1,919	3,327	7,380
Gas and electric fixtures	1919	6	251	240	326	927	1,682
	1914	9	156	294	107	178	487
	1909	3	79	60	43	121	188
Gas, illuminating and heating.	1919	26	1,318	8,772	1,539	2,996	11,118
	1914	35	1,342	16,351	844	2,143	7,197
	1909	29	941	3,635	636	1,223	4,638
Glass	1919	4	2,034	14,188	2,412	2,560	6,927
	1914	7	2,248	12,445	1,588	1,575	3,882
	1909	4	1,755	8,820	758	947	1,993
Hats and caps, other than felt, straw, and wool.	1919	22	348	55	209	1,111	1,893
	1914	13	212	26	133	356	581
	1909	14	182	39	106	218	440
Hats, fur-felt	1919	5	323	68	211	1,021	1,479
	1914	6	114	24	73	202	321
	1909	4	32	4	15	22	77
Hats, straw	1919	10	384	49	285	1,219	2,464
	1914	5	159	42	81	348	731
House-furnishing goods, not elsewhere specified.	1919	14	102	413	85	958	1,353
	1914	9	44	325	28	130	223
	1909	5	34	167	17	102	158
Ice, manufactured	1919	129	1,174	20,116	1,426	2,108	6,505
	1914	117	1,059	26,787	748	1,041	3,107
	1909	92	761	22,904	472	667	2,084
Iron and steel, steel works and rolling mills.	1919	5	2,647	7,426	3,045	5,661	12,537
	1914	3	1,237	7,062	954	1,887	3,363
	1909	4	2,227	6,255	1,320	2,859	5,013
Jewelry	1919	29	446	170	550	641	1,927
	1914	28	461	225	366	400	1,088
	1909	19	376	160	272	323	873
Leather goods [5]	1919	116	2,185	2,031	2,187	9,078	14,303
	1914	133	1,419	1,392	899	3,179	5,859
	1909	106	1,814	1,269	1,037	3,794	6,508
Leather, tanned, curried, and finished.	1919	7	265	948	296	2,946	3,770
	1914	10	227	700	156	2,042	2,573
	1909	9	220	519	146	1,599	2,035

[1] Includes "pickles, preserves, and sauces."
[2] Includes "chewing gum" in 1914.
[3] Includes "stamped ware, not elsewhere specified" and "tinware, not elsewhere specified."
[4] Includes "automobile repairing"; "bells"; "gas machines"; "hardware"; "iron and steel, tempering and welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks"; and "structural ironwork, not made in steel works or rolling mills" in all years; "pumps, steam and other power" in 1919; "engines, steam, gas, and water" in 1919 and 1914; and "hardware, saddlery" in 1914 and 1909.
[5] Includes "saddlery and harness" and "trunks and valises."

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
Lime	1919	16	736	1,936	650	793	2,090
	1914	19	531	1,593	277	409	890
	1909	31	692	1,314	317	461	1,031
Liquors, malt	1919	20	2,930	26,454	3,570	3,724	24,366
	1914	32	5,947	31,164	4,852	7,373	31,801
	1909	31	5,646	30,436	3,908	7,568	27,447
Lumber and timber products.[1]	1919	706	10,089	39,757	8,480	16,018	34,039
	1914	956	9,196	44,098	4,749	8,413	18,397
	1909	1,098	13,522	49,506	5,897	10,614	23,261
Marble and stone work	1919	154	840	5,185	1,018	1,723	3,803
	1914	175	905	4,018	647	1,281	2,716
	1909	169	1,342	4,306	989	1,447	3,441
Mattresses and spring beds, not elsewhere specified.	1919	28	348	769	377	1,401	2,407
	1914	33	296	406	162	460	882
	1909	33	345	310	187	457	959
Millinery and lace goods, not elsewhere specified.	1919	42	1,809	189	1,133	4,147	7,434
	1914	33	908	241	367	1,064	2,163
	1909	35	934	94	277	885	1,647
Mineral and soda waters	1919	178	476	1,098	399	1,542	3,508
	1914	195	556	845	298	656	1,623
	1909	176	463	749	221	420	1,292
Minerals and earths, ground or otherwise treated.	1919	17	402	2,371	375	647	1,338
	1914	9	179	1,235	96	162	366
	1909	6	131	992	68	108	324
Oil, not elsewhere specified.	1919	5	99	309	108	2,945	4,175
	1914	4	21	50	15	177	281
Optical goods	1919	8	210	153	193	654	1,404
	1914	4	122	34	62	431	736
	1909	5	54	29	30	76	171
Paint and varnish	1919	37	991	4,388	1,287	11,073	16,559
	1914	34	599	2,775	393	3,750	5,792
	1909	32	685	2,700	366	4,698	6,828
Patent medicines and compounds and druggists' preparations.[2]	1919	201	1,786	2,058	1,280	8,376	21,325
	1914	212	1,090	867	532	2,926	9,010
	1909	185	980	908	415	2,536	7,639
Paving materials	1919	49	703	5,401	673	300	1,379
	1914	25	652	2,605	320	147	671
Photo-engraving	1919	20	246	170	423	152	1,133
	1914	17	224	90	233	61	529
	1909	18	187	80	165	82	450
Photographic materials	1919	6	254	516	221	753	1,357
	1914	5	191	350	125	450	1,007
Pipes, tobacco	1919	7	387	384	239	377	943
	1914	7	301	332	109	229	436
	1909	7	307	243	107	169	393
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	1919	6	142	312	158	2,948	3,308
	1914	10	172	206	96	2,144	2,387
Printing and publishing[3]	1919	1,310	11,465	14,135	11,955	23,177	61,250
	1914	1,353	10,571	14,330	7,391	9,571	33,173
	1909	1,322	10,790	10,472	6,610	8,627	29,651
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	7	621	2,168	541	2,479	3,865
	1914	6	235	657	128	453	726
Show cases	1919	8	284	743	308	553	1,177
	1914	8	230	351	146	259	574
	1909	8	209	100	137	170	433
Signs and advertising novelties.	1919	21	294	119	243	480	1,044
	1914	21	158	27	141	149	703
	1909	14	148	20	126	162	583
Slaughtering and meat packing.[4]	1919	62	8,361	20,213	10,453	228,656	247,477
	1914	40	5,200	15,660	3,462	84,684	92,060
	1909	45	4,674	11,735	2,673	72,198	79,581
Soap	1919	7	652	1,617	564	5,668	8,556
	1914	9	521	1,358	279	2,811	4,920
	1909	10	554	954	272	3,055	4,719
Stoves and hot-air furnaces.	1919	19	2,462	2,994	2,977	6,065	15,340
	1914	15	1,714	3,039	1,204	2,338	6,644
Surgical appliances and artificial limbs.	1919	27	200	189	220	484	1,603
	1914	17	69	43	53	32	212
	1909	15	37	16	24	22	143
Tobacco manufactures	1919	290	3,684	2,560	2,790	26,789	47,752
	1914	431	3,997	1,859	1,990	14,061	33,381
	1909	477	4,453	2,034	2,235	16,546	30,951
Tools, not elsewhere specified.	1919	23	403	858	513	602	1,522
	1914	19	191	522	115	188	400
Vinegar and cider	1919	13	64	1,001	71	552	1,023
	1914	16	52	293	27	228	382
Washing machines and clothes wringers.	1919	8	156	372	156	628	1,053
	1914	8	122	326	66	178	350
Wirework, including wire rope and cable, not elsewhere specified.	1919	24	1,010	1,743	729	4,818	7,790
	1914	21	741	1,609	374	1,332	3,484
	1909	14	710	902	379	1,734	3,396
All other industries	1919	560	22,439	90,286	24,534	146,501	213,744
	1914	577	17,815	59,844	10,652	59,795	83,059
	1909	945	28,077	66,447	14,929	58,336	94,642

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
KANSAS CITY. All industries.	1919	997	22,137	44,287	23,742	124,310	192,815
	1914	1,052	16,252	35,706	10,504	31,981	60,953
	1909	902	14,643	29,208	8,526	30,118	54,705
Bread and other bakery products.	1919	131	2,572	2,694	2,466	8,874	15,763
	1914	141	1,908	1,973	969	3,442	7,093
	1909	107	1,375	847	726	2,646	5,617
Brick and tile, terra-cotta, and fire-clay products.	1919	4	213	865	239	255	680
	1914	8	343	1,377	206	192	538
	1909	5	353	480	161	121	389
Cars and general shop construction and repairs by steam-railroad companies.	1919	5	1,632	1,343	2,125	1,443	3,840
	1914	4	1,104	1,440	844	580	1,504
	1909	4	662	415	508	315	883
Chemicals	1919	5	44	252	51	151	457
	1914	4	30	165	16	74	172
Coffee, roasting and grinding.	1919	9	221	463	179	4,836	6,394
	1914	10	100	680	50	1,225	1,648
	1909	10	107	350	51	1,393	1,879
KANSAS CITY—Con. Confectionery and ice cream.[5]	1919	25	340	834	316	1,224	2,198
	1914	25	274	758	138	652	1,460
Copper, tin, and sheet-iron products.[6]	1919	29	627	344	754	2,185	3,828
	1914	55	513	363	407	801	1,611
	1909	59	553	407	349	828	1,575
Druggists' preparations	1919	6	57	32	26	522	747
	1914	5	37	7	24	98	224
Flour-mill and gristmill products.	1919	8	226	4,440	281	6,841	7,612
	1914	6	119	1,837	79	3,215	3,529
	1909	8	209	3,210	93	4,102	4,507
Food preparations, not elsewhere specified.	1919	21	293	1,393	280	4,075	5,840
	1914	18	183	622	95	1,194	1,766
Foundry and machine-shop products.[7]	1919	102	1,940	3,805	2,581	4,491	9,365
	1914	80	1,349	2,588	965	1,503	3,627
	1909	58	645	1,223	461	775	1,826

[1] Includes "boxes, wooden packing, except cigar boxes" and "lumber, planing-mill products, not including planing mills connected with sawmills" in all years; and "window and door screens and weather strips" in 1919 and 1914.
[2] Includes "perfumery and cosmetics."
[3] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."
[4] Includes "sausage, not made in slaughtering and meat-packing establishments."
[5] Includes "chewing gum" in 1914.
[6] Includes "stamped ware, not elsewhere specified" and "tinware, not elsewhere specified."
[7] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines"; "hardware"; "iron and steel, welding"; "plumbers' supplies, not elsewhere specified"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks"; and "structural ironwork, not made in steel works or rolling mills."

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
KANSAS CITY—Con.							
Furniture	1919	12	187	376	220	437	877
	1914	23	254	503	176	329	721
House-furnishing goods, not elsewhere specified.	1919	8	82	303	70	849	1,162
	1914	6	29	205	18	81	141
Lumber and timber products.[1]	1919	20	875	2,176	936	2,545	4,624
	1914	26	693	2,117	474	1,485	2,359
	1909	26	802	1,866	519	2,141	3,398
Marble and stone work	1919	7	115	544	171	223	461
	1914	13	139	533	119	171	410
	1909	12	201	379	156	255	566
Mattresses and spring beds, not elsewhere specified.	1919	9	131	440	175	573	989
	1914	9	71	86	36	124	251
	1909	7	74	136	44	133	237
Mineral and soda waters	1919	9	90	119	82	254	551
	1914	11	45	59	35	48	167
	1909	9	38	101	22	37	98
Patent medicines and compounds.	1919	28	73	90	75	603	1,667
	1914	36	48	73	30	141	536
Printing and publishing, book and job.	1919	133	1,576	1,695	1,695	2,795	6,715
	1914	122	1,207	1,158	896	979	3,080
Printing and publishing, newspapers and periodicals.	1919	58	1,044	1,900	1,188	5,124	10,593
	1914	48	773	3,404	625	1,650	4,918
Surgical appliances and artificial limbs.	1919	7	92	60	117	71	470
	1914	8	47	27	37	18	140
	1909	7	14	10	9	12	79
All other industries	1919	361	9,707	20,119	9,715	76,039	107,982
	1914	394	6,986	15,671	4,265	13,979	25,058
	1909	590	9,610	19,784	5,427	17,360	33,651
ST. JOSEPH All industries.	1919	219	5,943	13,591	5,578	33,351	50,697
	1914	267	4,914	9,109	2,675	10,607	17,068
	1909	261	5,390	7,737	2,710	11,054	17,626
Boots and shoes	1919	3	364	358	343	1,467	2,021
	1914	3	264	266	161	610	912
	1909	5	410	213	201	724	1,025
Bread and other bakery products.	1919	30	106	152	115	604	913
	1914	34	108	121	75	257	415
	1909	43	548	321	261	1,367	2,174
Confectionery and ice cream.[2]	1919	8	912	908	621	2,740	5,551
	1914	7	715	809	299	1,276	2,184
Cooperage, hogsheads and barrels.	1919	4	23	57	27	82	114
	1914	3	22	50	11	32	60
	1909	3	28	24	17	46	71
Copper, tin, and sheet-iron work.	1919	5	43	3	63	125	227
	1914	12	53	5	39	60	125
	1909	12	54	.....	45	76	146
Flour-mill and gristmill products.	1919	7	515	4,353	586	15,680	19,107
	1914	9	130	1,324	76	2,485	2,714
	1909	7	94	1,277	44	1,838	1,994
Foundry and machine-shop products.[3]	1919	25	302	554	368	477	1,225
	1914	16	186	289	107	109	326
	1909	15	233	396	128	164	430
Patent medicines and compounds and druggists' preparations.	1919	7	20	14	19	107	210
	1914	8	18	9	7	38	80
	1909	7	8	6	3	9	24
Printing and publishing	1919	33	380	313	315	468	1,655
	1914	34	416	352	258	250	1,156
	1909	30	368	278	226	273	1,025
Saddlery and harness[4]	1919	7	121	60	146	788	1,136
	1914	13	177	131	120	569	779
	1909	10	238	110	152	585	819
All other industries	1919	90	3,157	6,819	2,975	10,813	18,538
	1914	128	2,825	5,753	1,522	4,921	8,317
	1909	129	3,409	5,112	1,633	5,972	9,918
ST. LOUIS All industries.	1919	3,205	107,919	195,697	108,557	540,826	871,700
	1914	2,787	85,058	169,982	51,150	203,806	360,480
	1909	2,667	87,371	148,095	48,535	188,189	328,495
Awnings, tents, and sails	1919	12	217	125	205	2,497	3,315
	1914	10	219	90	83	508	755
	1909	11	214	81	85	554	818
Blacking and cleansing and polishing preparations.	1919	20	74	154	123	441	832
	1914	23	59	275	31	268	517
	1909	23	97	150	53	291	571
Boots and shoes, not including rubber boots and shoes.[5]	1919	27	9,779	4,737	8,496	39,554	59,858
	1914	27	8,729	5,602	4,453	22,630	31,049
	1909	28	11,081	6,860	5,684	18,151	27,779
Boxes, paper and other, not elsewhere specified.	1919	33	2,016	1,314	1,302	4,551	8,011
	1914	23	786	542	349	569	1,256
	1909	19	790	493	286	464	960
Brass and bronze products.	1919	16	582	840	634	5,779	8,051
	1914	11	349	445	237	2,399	2,937
	1909	11	269	385	180	1,632	2,165
Bread and other bakery products.	1919	458	2,673	2,661	2,810	12,791	21,048
	1914	470	2,483	2,153	1,422	4,880	9,454
	1909	448	2,264	1,300	1,223	4,765	8,624
Brick and tile, terra-cotta, and fire-clay products.[6]	1919	14	2,177	5,982	2,371	1,909	5,950
	1914	19	3,212	6,789	1,776	1,117	4,060
	1909	20	3,822	6,802	1,948	1,252	4,881
Carriages and wagons, including repairs.	1919	45	613	953	678	1,908	3,217
	1914	78	1,482	1,251	1,032	2,741	4,484
Cars and general shop construction and repairs by steam-railroad companies.	1919	11	2,398	1,175	3,604	1,421	5,357
	1914	8	1,668	1,300	1,294	835	2,235
	1909	5	1,677	1,485	879	765	1,742
Chemicals	1919	13	1,082	3,588	1,041	6,995	11,978
	1914	15	784	1,389	459	3,960	6,471
Clothing, men's, including shirts.	1919	83	6,041	2,291	4,649	17,612	29,822
	1914	54	5,091	1,770	2,184	5,861	10,273
	1909	50	4,751	879	1,966	5,382	9,687
Clothing, women's	1919	102	3,105	481	2,762	10,871	17,416
	1914	66	2,271	581	1,062	2,947	5,353
	1909	58	2,430	438	1,021	2,902	4,886
Coffee, roasting and grinding.	1919	21	500	2,022	341	16,805	21,957
	1914	20	499	1,808	274	9,163	11,972
	1909	23	570	1,886	268	7,217	9,514
Coffins, burial cases, and undertakers' goods.	1919	8	525	1,018	511	1,472	2,763
	1914	5	413	755	252	533	959
	1909	6	400	608	268	665	1,371
Confectionery and ice cream.	1919	89	2,096	2,690	1,638	7,435	13,433
	1914	63	1,640	2,105	648	2,827	4,668
Copper, tin, and sheet-iron products.[7]	1919	120	1,460	1,223	1,340	3,752	7,134
	1914	95	1,818	1,749	1,043	3,444	5,946
	1909	100	1,833	976	978	2,978	5,060
Electrical machinery, apparatus, and supplies.	1919	30	3,477	3,100	2,849	6,203	14,848
	1914	12	1,420	1,400	828	1,229	3,275
	1909	16	699	650	380	636	2,081
Electroplating	1919	12	84	164	102	80	252
	1914	8	65	443	45	26	108
	1909	12	66	115	45	21	103
Flour-mill and gristmill products.	1919	8	266	2,105	310	11,512	12,928
	1914	5	98	1,598	64	2,605	2,964
Food preparations, not elsewhere specified.	1919	42	981	2,280	635	12,415	15,230
	1914	23	390	1,083	176	4,268	5,130
	1909	21	382	946	170	3,490	4,455
Foundry and machine-shop products.[8]	1919	322	8,479	16,815	10,273	16,821	42,266
	1914	169	5,251	11,257	3,639	6,602	13,785
	1909	160	5,298	8,092	3,518	6,682	14,591
Furnishing goods, men's	1919	9	315	40	241	1,594	2,541
	1914	9	424	35	135	568	902
	1909	7	219	9	82	378	655

[1] Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens and weather strips."
[2] Excludes "ice cream" in 1914, to avoid disclosure of individual operations.
[3] Includes "automobile repairing"; "iron and steel, welding"; "structural ironwork, not made in steel works or rolling mills" in all years; and "gas machines and gas and water meters" in 1914 and 1909.
[4] Includes "trunks and valises" in 1914 and 1909.
[5] Includes "cut stock and findings" in 1914.
[6] Includes "pottery" in 1914 and 1909.
[7] Includes "tinware, not elsewhere specified" in all years and "stamped ware, not elsewhere specified" in 1914 and 1909.
[8] Includes "automobile repairing"; "bells"; "engines, steam, gas, and water"; "hardware"; "iron and steel, tempering and welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "steam fittings and steam and hot-water heating apparatus"; and "structural ironwork, not made in steel works or rolling mills," in all years; "gas machines and gas and water meters" and "hardware, saddlery," in 1914 and 1909; and "pumps, steam and other power," in 1919.

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
ST. LOUIS—Contd.							
Furniture	1919	59	2,896	5,913	2,949	7,302	13,958
	1914	56	2,646	4,856	1,568	2,535	5,622
	1909	61	2,823	5,046	1,581	2,654	5,953
Gas and electric fixtures and lamps and reflectors.	1919	5	327	334	369	981	1,818
	1914	6	217	300	132	194	577
	1909	7	202	185	126	285	547
Hats and caps, other than felt, straw, and wool.	1919	17	284	43	254	887	1,484
	1914	7	139	16	90	254	387
	1909	9	124	31	78	159	307
Ice, manufactured	1919	8	277	10,103	399	659	2,588
	1914	7	319	8,700	272	418	1,129
	1909	9	201	8,105	151	291	731
Jewelry	1919	19	275	102	327	529	1,161
	1914	13	248	111	195	236	655
	1909	8	224	117	153	228	533
Leather goods [1]	1919	34	1,318	1,058	1,379	4,994	8,387
	1914	39	817	524	536	1,531	3,177
	1909	32	960	693	515	1,629	3,108
Liquors, malt	1919	7	2,574	21,187	3,049	3,076	20,591
	1914	12	4,941	25,210	4,107	5,649	26,829
	1909	10	4,823	24,590	3,339	6,474	23,147
Lumber and timber products.[2]	1919	70	3,309	11,161	3,020	6,956	12,739
	1914	75	2,305	10,456	1,341	2,610	5,149
	1909	71	2,812	8,608	1,669	3,881	7,367
Marble and stone work	1919	35	244	1,081	357	552	1,269
	1914	37	329	1,155	280	626	1,180
	1909	39	557	1,073	468	723	1,580
Mattresses and spring beds, not elsewhere specified.	1919	11	132	220	139	562	921
	1914	15	140	234	89	238	409
	1909	14	179	120	106	204	462
Millinery and lace goods, not elsewhere specified.	1919	30	1,269	173	855	2,623	5,070
	1914	20	618	223	267	792	1,626
	1909	18	514	64	183	549	1,045
Mineral and carbonated waters.	1919	39	174	328	168	753	1,857
	1914	38	262	306	155	298	739
	1909	38	214	134	106	161	561
ST. LOUIS—Contd.							
Models and patterns, not including paper patterns.	1919	20	143	123	198	82	455
	1914	16	77	75	51	36	157
	1909	15	106	72	78	46	211
Patent medicines and compounds and druggists' preparations.[3]	1919	125	1,565	1,782	1,098	6,730	17,989
	1914	125	900	674	421	2,480	7,769
	1909	99	862	800	364	2,281	6,846
Photo-engraving	1919	13	154	109	227	119	652
	1914	12	158	60	145	41	363
	1909	11	114	46	93	59	298
Pickles, preserves, and sauces.	1919	7	338	359	253	4,005	4,794
	1914	5	55	30	29	315	432
	1909	9	191	161	75	628	962
Printing and publishing [4]	1919	393	5,874	7,220	6,632	11,690	33,135
	1914	373	5,440	6,740	4,054	5,184	18,026
	1909	347	5,708	5,441	3,824	5,118	17,164
Show cases	1919	5	232	563	244	458	960
	1914	5	175	219	101	200	427
	1909	5	121	239	80	115	285
Slaughtering and meat packing.[5]	1919	45	2,880	8,253	3,689	87,809	96,308
	1914	23	2,066	5,938	1,366	33,788	36,634
	1909	24	1,469	5,515	900	24,055	26,601
Stoves and hot-air furnaces.[6]	1919	13	2,011	2,372	2,382	5,482	13,570
	1914	11	1,916	3,029	1,336	2,719	7,479
	1909	13	1,673	1,826	1,199	2,458	5,923
Surgical appliances	1919	13	75	26	69	373	983
	1914	3	12	3	5	4	17
	1909	4	18	4	12	7	44
Wirework, including wire rope and cable, not elsewhere specified.	1919	10	950	1,648	674	4,604	7,438
	1914	10	712	1,521	351	1,180	3,265
	1909	9	683	853	365	1,697	3,323
All other industries	1919	723	31,678	65,772	32,911	205,122	315,357
	1914	666	21,385	55,032	12,773	62,498	109,879
	1909	797	25,832	51,467	14,036	76,250	121,554

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
CAPE GIRARDEAU	1919	50	1,427	4,732	1,187	5,689	8,587
	1914	42	1,259	1,989	607	2,356	3,888
COLUMBIA	1919	25	379	988	257	1,550	2,232
	1914	22	479	1,068	206	502	1,270
HANNIBAL	1919	67	2,800	3,646	2,894	8,515	14,027
	1914	66	2,366	3,530	1,329	3,795	6,215
	1909	66	2,445	3,412	1,284	4,316	6,195
JEFFERSON CITY	1919	42	1,713	2,149	1,232	7,365	10,188
	1914	50	1,401	1,826	603	4,743	8,087
	1909	35	651	1,166	271	3,652	5,446
JOPLIN	1919	139	1,810	4,719	1,581	9,614	14,220
	1914	100	1,156	3,774	618	4,120	5,950
	1909	77	830	3,102	494	2,358	4,136
MOBERLY	1919	25	570	1,250	431	3,253	4,497
	1914	29	463	791	220	1,523	2,136
	1909	31	999	1,276	538	1,092	1,984
SEDALIA	1919	66	1,163	3,099	1,329	3,488	5,562
	1914	69	903	1,778	488	1,951	2,922
	1909	75	935	1,662	461	1,216	2,333
SPRINGFIELD	1919	107	2,910	6,423	2,960	12,597	18,813
	1914	109	2,009	4,646	1,243	3,766	6,193
	1909	108	2,131	3,685	1,280	3,048	5,382

[1] Includes "saddlery and harness" and "trunks and valises."
[2] Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens and weather strips."
[3] Includes "perfumery and cosmetics."
[4] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."
[5] Includes "sausage, not made in slaughtering and meat-packing establishments."
[6] Includes "gas and oil stoves" in 1914 and 1909.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	8,592	244,939	7,676	11,531	20,722	9,973	195,037	Oc 209,704	Mh 182,239	(3)	(3)	(3)	(3)	(3)	Dollars. 938,760,773
2	Agricultural implements	14	315	8	18	22	13	254	Je 346	De 199	257	256	.....	1	.....	1,893,814
3	Artificial limbs	10	142	6	13	3	22	98	Oc 103	My 92	99	97	2	.....	.....	365,221
4	Artificial stone products	61	254	72	10	9	2	161	Se 211	Fe 77	225	222	1	2	.....	474,028
5	Automobile bodies and parts	78	1,771	65	108	178	45	1,375	De 1,576	Ja 1,137	1,618	1,583	27	2	6	3,151,817
6	Automobiles	8	2,383	.....	113	333	72	1,865	De 2,012	Ja 1,663	1,984	1,922	62	.....	.....	9,594,433
7	Automobile repairing	417	2,014	523	95	54	59	1,283	Se 1,344	Ja 1,173	1,350	1,338	8	4	.....	3,202,785
8	Awnings, tents, and sails	23	983	12	61	88	51	771	Jy 892	Fe 520	894	254	629	3	8	3,203,914
9	Bags, other than paper, not including bags made in textile mills.	10	2,100	5	47	175	121	1,752	No 1,935	Mh 1,510	1,882	588	1,256	4	34	16,511,917
10	Belting, leather	8	123	2	16	33	16	56	Oc [4] 67	Fe 45	61	61	.....	.....	.....	762,247
11	Blacking, stains, and dressings	14	74	15	6	8	7	38	De 48	Ja [4] 17	48	22	24	1	1	138,233
12	Bookbinding and blank-book making	39	1,243	38	58	90	80	977	De 1,238	My 753	1,286	532	722	17	15	2,389,189
13	Boot and shoe cut stock	7	1,898	3	84	48	170	1,593	No 1,850	Ja 1,303	1,727	1,248	463	13	3	12,582,161
14	Boot and shoe findings	12	641	10	30	84	33	484	De 620	Fe 398	620	425	162	24	9	3,039,643
15	Boots and shoes, not including rubber boots and shoes.	54	20,611	2	472	1,851	828	17,458	De 18,467	Fe 16,290	18,504	10,427	7,354	119	104	53,836,904
16	Boxes, paper and other, not elsewhere specified.	41	2,712	11	132	118	82	2,369	.....	.....	2,552	988	1,497	11	56	4,264,708
17	Shipping containers	13	1,023	4	48	57	41	873	De 968	Ap 790	962	567	376	7	12	2,109,835
18	Set-up paper boxes	20	1,266	7	56	24	25	1,154	No 1,285	Ja 1,017	1,215	274	898	3	40	1,132,160
19	All other	8	423	.....	28	37	16	342	De 375	Ap 336	375	147	223	1	4	1,022,713
20	Boxes, wooden packing, except cigar boxes.	29	2,011	14	102	43	25	1,827	Ja 1,971	Je 1,717	1,834	1,593	209	30	2	4,563,985
21	Brass and bronze products	21	722	21	40	46	7	608	De 696	My 555	688	668	13	6	1	2,395,835
22	Bread and other bakery products	975	8,432	1,057	209	662	348	6,156	De 6,839	Ja 5,700	6,888	4,200	2,588	35	65	17,894,471
23	Brick and tile, terra-cotta, and fire-clay products.	65	5,017	29	186	248	85	4,469	.....	.....	4,947	4,934	9	4	.....	19,777,479
24	Building brick	34	1,328	19	44	24	9	1,232	Oc 1,639	Ja 607	1,323	1,322	.....	1	.....	5,732,505
25	Fire brick	14	1,726	1	77	93	26	1,529	Oc 1,607	Jy [4] 1,452	1,620	1,617	.....	3	.....	5,971,303
26	Sewer pipe and draintile	8	858	7	22	42	16	771	No 858	Ja 582	824	824	.....	.....	.....	2,566,634
27	Terra-cotta products	5	327	1	17	14	3	292	No 374	Fe 170	373	364	9	.....	.....	722,347
28	All other	4	778	1	26	75	31	645	Oc 850	Mh [4] 521	807	807	.....	.....	.....	4,784,690
29	Brooms	63	422	65	22	28	12	295	De 336	My 264	363	326	36	1	.....	384,786
30	Brushes	10	56	8	8	3	2	35	Ap [4] 45	No 23	26	24	1	1	.....	86,281
31	Butter	66	974	57	103	24	104	686	Jy 862	Ja 506	666	495	169	1	1	3,392,826
32	Buttons	9	265	5	14	8	3	235	Ja 317	My 179	309	274	34	1	.....	309,397
33	Canning and preserving, fruits and vegetables.	147	1,178	196	58	9	5	910	Se 3,765	Ja 10	3,751	1,111	2,409	79	152	1,001,979
34	Carpets, rag	8	46	10	2	.....	1	33	Je [4] 39	Ja [4] 23	35	29	6	.....	.....	36,640
35	Carriage and wagon materials	9	305	4	18	9	4	270	Fe 279	Jy 256	283	280	3	.....	.....	766,965
36	Carriages and wagons, including repairs.	113	1,117	137	44	39	12	885	.....	.....	913	906	5	2	.....	3,431,037
37	Carriages and wagons	66	937	74	44	38	12	769	No 822	Fe 725	787	780	5	2	.....	3,216,959
38	Repair work only	47	180	63	.....	1	.....	116	No 126	Fe 109	126	126	.....	.....	.....	214,078
39	Cars and general shop construction and repairs by electric-railroad companies.	8	1,208	.....	16	16	14	1,162	Oc 1,228	Ap [4] 1,117	1,211	1,206	5	.....	.....	2,181,551
40	Cars and general shop construction and repairs by steam-railroad companies.	45	14,321	.....	460	309	81	13,471	No 14,294	Ap 12,942	14,209	14,133	65	11	.....	17,585,442
41	Cars, steam-railroad, not including operations of railroad companies.	8	4,869	.....	210	263	89	4,307	Mh 4,770	No 2,790	4,597	4,570	27	.....	.....	23,686,768
42	Cement	5	2,270	.....	59	243	180	1,788	Oc 1,918	De 1,638	1,638	1,585	50	1	2	12,779,048
43	Charcoal, not including production in the lumber and wood distillation industries.	7	31	7	5	.....	1	18	Fe 26	Je 6	20	20	.....	.....	.....	60,497
44	Chemicals	22	1,826	5	112	255	201	1,253	Je 1,280	Mh 1,218	1,245	998	239	6	2	9,309,265
45	Cleansing and polishing preparations.	26	156	9	25	25	14	83	.....	.....	83	56	25	1	1	401,403
46	Cleansing preparations	15	76	4	15	10	9	38	Mh 57	De 29	37	25	11	1	.....	183,028
47	Metal polish	3	3	1	1	.....	.....	1	(5) 1	(5) 1	1	1	.....	.....	.....	6,082
48	All other polishing preparations.	8	77	4	9	15	5	44	Se 49	Ja 34	45	30	14	.....	1	212,293
49	Clothing, men's	112	7,928	64	242	564	235	6,823	.....	.....	8,057	1,433	6,570	7	47	19,179,237
50	Regular factory products	76	7,476	25	234	564	233	6,420	.....	.....	7,408	1,268	6,086	7	47	19,051,290
51	Men's, youths', and boys'	36	3,467	20	151	384	127	2,785	De 3,142	Ap 2,342	3,164	830	2,308	3	23	10,021,501
52	All other	40	4,009	5	83	180	106	3,635	De 4,253	Ap 3,150	4,244	438	3,778	4	24	8,429,789
53	Contract work	36	452	39	8	.....	2	403	.....	.....	649	165	484	.....	.....	127,947
54	Men's and youths'	24	250	29	1	.....	1	219	De 234	Oc 188	234	91	143	.....	.....	30,438
55	Boys'	5	88	8	.....	.....	.....	80	Se [4] 93	De [4] 66	95	50	45	.....	.....	18,831
56	All other	7	114	2	7	.....	1	104	De 320	Ja [4] 6	320	24	296	.....	.....	78,678
57	Clothing, women's	116	4,048	88	206	313	133	3,308	.....	.....	3,509	632	2,846	3	28	6,778,757
58	Suits, skirts, and cloaks	51	1,738	40	107	146	66	1,379	Au 1,553	Ja 1,145	1,474	445	1,029	.....	.....	3,435,361
59	Shirt waists and dresses, except house dresses.	27	835	18	46	80	23	668	Se 737	Ja 559	682	71	604	1	6	1,212,558
60	Undergarments and petticoats	10	649	7	18	35	24	565	De 593	Ja 539	595	47	532	1	15	1,079,266
61	Wrappers and house dresses	13	545	10	24	36	16	459	De 513	Fe 416	513	47	461	1	4	717,268
62	All other	15	281	13	11	16	4	237	Ap 249	Je 186	245	22	220	.....	3	334,304
63	Coffee, roasting and grinding	40	1,598	16	115	509	144	814	De 855	Fe 779	850	476	359	3	12	10,020,986
64	Coffins, burial cases, and undertakers' goods.	16	774	3	53	88	22	608	Fe 668	My 569	594	464	129	1	.....	2,451,145
65	Confectionery and ice cream	220	4,655	260	187	401	138	3,669	.....	.....	4,119	1,850	2,238	7	24	12,265,529
66	Confectionery	126	3,735	156	115	347	101	3,016	No 3,662	Jy 2,614	3,525	1,302	2,194	5	24	8,968,589
67	Ice cream	94	920	104	72	54	37	653	Jy 857	Ja 516	594	548	44	2	.....	3,296,940

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
36,636,703	42,407,947	196,515,353	4,338 793	5,575,016	56,875,231	1,029,812,810	26,644,354	1,594,208,338	537,751,174	477,303	244,096	25,561	22,049	3,386	182,211	106,016	1
42,844	41,248	252,540	1,000	4,780	15,242	774,376	25,887	1,456,774	656,511	656	280	.....	61	.....	315	.....	2
44,667	69,016	128,716	.....	10,176	24,751	77,698	2,336	543,223	463,189	77	.....	.....	17	.....	60	.....	3
123,392	13,353	159,301	.....	3,182	5,354	240,525	4,468	594,621	349,628	233	119	.....	.....	.....	114	.....	4
305,139	186,635	1,417,607	7,670	86,282	190,398	4,767,061	52,147	9,314,816	4,495,638	2,036	493	.....	40	.....	1,503	.....	5
205,794	480,445	2,303,753	.....	26,368	2,500,153	50,052,993	71,253	62,624,650	12,500,404	1,470	500	.....	.....	.....	970	554	6
161,907	88,622	1,587,597	52,312	202,309	26,131	1,988,887	88,563	5,212,137	3,134,687	1,976	14	.....	598	.....	1,364	9	7
221,222	131,475	590,581	1,000	60,018	164,984	3,766,737	18,974	5,824,070	2,038,359	273	.....	.....	.....	.....	273	.....	8
329,251	388,398	1,262,580	.....	55,480	1,142,648	32,661,417	58,030	38,020,623	5,301,176	1,126	635	.....	.....	.....	491	603	9
66,160	53,223	56,796	.....	6,497	20,697	763,822	4,669	1,040,506	272,015	133	.....	.....	.....	.....	133	.....	10
12,830	9,907	27,974	.....	4,156	1,375	149,111	1,500	328,810	178,199	87	60	.....	2	.....	25	.....	11
150,998	234,764	822,656	3,441	42,110	37,730	1,310,074	21,190	3,194,651	1,863,387	518	.....	.....	.....	.....	518	.....	12
195,967	193,196	1,565,344	.....	11,940	109,676	26,181,553	294,230	28,696,415	2,220,632	1,309	310	.....	.....	.....	999	162	13
60,822	169,270	424,488	.....	7,192	196,776	3,391,344	14,161	4,575,910	1,170,405	416	.....	.....	.....	.....	416	.....	14
1,353,831	4,694,690	13,786,880	1,040	42,157	2,201,000	75,466,748	1,459,069	109,193,423	32,267,606	11,221	6,765	.....	.....	.....	4,456	3,177	15
511,615	283,060	1,502,606	737	98,339	224,149	4,744,582	211,587	8,857,121	3,900,952	1,550	145	.....	20	.....	1,385	66	16
211,480	159,959	681,880	.....	24,730	116,831	2,606,962	33,290	4,319,874	1,679,622	701	145	.....	.....	.....	556	56	17
203,336	68,420	581,669	737	33,789	74,841	1,036,430	163,543	2,587,151	1,387,178	442	.....	.....	20	.....	422	10	18
96,799	54,681	239,057	.....	39,820	32,477	1,101,190	14,754	1,950,096	834,152	407	.....	.....	.....	.....	407	.....	19
396,096	104,920	1,540,851	.....	50,417	322,108	4,118,714	57,422	7,311,774	3,135,638	5,882	3,249	.....	5	.....	2,628	567	20
177,515	121,823	669,995	4,813	9,335	248,859	5,752,356	106,548	8,208,474	2,349,570	887	.....	.....	4	.....	883	.....	21
537,920	1,340,789	6,093,327	2,958	353,883	1,537,115	25,621,665	734,731	43,839,428	17,483,032	6,730	2,309	122	180	.....	4,119	2,342	22
579,731	440,051	4,485,883	1,125	12,470	209,320	2,211,031	1,707,005	11,455,779	7,537,743	15,132	12,027	.....	210	.....	2,895	2,288	23
108,326	47,970	1,196,569	.....	6,611	63,036	633,014	482,167	2,774,540	1,659,359	5,660	4,515	.....	170	.....	975	374	24
231,278	133,625	1,373,499	1,125	3,960	94,562	752,522	589,748	3,695,717	2,353,447	4,404	3,463	.....	35	.....	906	610	25
100,341	81,700	797,983	.....	.....	38,742	355,026	400,913	2,163,375	1,407,436	2,171	1,965	.....	5	.....	201	70	26
36,643	24,733	316,660	.....	1,534	9,800	90,280	77,627	686,913	519,006	765	585	.....	.....	.....	180	50	27
103,143	152,023	801,172	.....	365	63,180	380,189	156,550	2,135,234	1,508,495	2,132	1,499	.....	.....	.....	633	1,184	28
32,512	32,743	238,908	.....	9,264	4,595	595,872	6,669	1,020,572	418,031	205	.....	.....	54	.....	151	.....	29
12,600	5,512	28,714	.....	3,842	1,144	67,440	1,028	141,649	73,181	30	.....	.....	.....	.....	30	.....	30
234,291	253,997	640,842	.....	45,388	131,888	19,913,865	121,830	22,147,691	2,111,996	2,751	691	22	99	5	1,934	35	31
20,370	4,346	175,833	356	2,125	2,841	154,896	7,954	395,263	232,413	287	215	.....	30	.....	42	.....	32
59,871	6,466	254,610	600	4,084	5,474	887,439	23,599	1,559,034	647,996	2,355	2,138	.....	169	8	40	.....	33
4,800	850	34,276	165	3,460	479	24,937	4,000	94,504	65,567	75	45	.....	.....	.....	30	.....	34
44,170	11,318	199,535	213	7,284	24,798	554,890	8,322	967,272	404,060	988	540	.....	25	.....	423	.....	35
175,930	67,669	930,946	9,545	33,423	87,217	2,423,345	40,560	4,445,838	1,981,933	1,528	514	.....	193	.....	821	416	36
175,930	67,413	758,411	8,098	23,606	84,518	2,302,949	31,739	4,041,311	1,706,623	1,310	514	.....	142	.....	654	416	37
.....	256	172,535	1,447	9,817	2,699	120,396	8,821	404,527	275,310	218	.....	.....	51	.....	167	.....	38
40,680	36,063	1,407,212	.....	870	300	1,203,459	30,437	2,719,021	1,485,125	540	.....	.....	.....	.....	540	1,511	39
1,235,125	464,744	18,529,988	1,615	5,240	71,879	11,950,929	776,136	33,020,800	20,293,735	14,904	6,917	2,450	25	.....	5,512	7,090	40
533,166	574,669	6,279,847	.....	46,547	4,550,282	31,237,360	551,369	46,854,055	15,065,326	12,807	5,980	2,705	.....	.....	4,122	12,267	41
211,720	418,377	2,310,336	.....	.....	182,261	3,481,732	2,088,420	11,738,161	6,168,009	35,170	2,590	1,215	.....	.....	31,365	1,255	42
7,162	408	9,930	240	80	198	9,288	.....	31,055	21,767	.....	.....	.....	.....	.....	.....	.....	43
386,977	559,820	1,162,182	.....	49,162	1,093,445	7,429,292	287,533	13,537,929	5,821,104	4,149	1,767	.....	.....	.....	2,382	1,020	44
64,882	58,150	124,849	816	12,184	11,392	429,034	9,187	853,880	415,659	227	85	.....	22	.....	120	1	45
37,202	25,086	31,800	36	6,918	6,130	306,052	3,722	540,441	230,667	125	10	.....	7	.....	108	1	46
1,200	.....	1,498	780	894	154	8,357	100	18,210	9,753	7	.....	.....	.....	.....	7	.....	47
26,480	33,064	91,461	.....	4,372	5,108	114,625	5,365	295,229	175,239	95	75	.....	15	.....	5	.....	48
1,103,623	1,340,602	4,830,589	407,982	211,041	1,258,735	22,054,851	121,172	35,838,747	13,662,724	2,725	846	.....	60	.....	1,819	292	49
1,097,123	1,339,299	4,501,884	399,971	199,096	1,257,962	22,021,863	115,035	35,336,483	13,199,585	2,609	846	.....	60	.....	1,703	292	50
720,955	921,988	2,216,663	245,268	121,961	679,446	8,755,162	42,193	15,365,083	6,567,728	853	350	.....	.....	.....	503	100	51
376,168	417,311	2,285,221	154,703	77,135	578,516	13,266,701	72,842	19,971,400	6,631,857	1,756	496	.....	60	.....	1,200	192	52
6,500	1,303	328,705	8,011	11,945	773	32,988	6,137	502,264	463,139	116	.....	.....	.....	.....	116	.....	53
3,900	1,200	201,474	8,011	8,221	159	8,764	2,691	299,854	288,399	38	.....	.....	.....	.....	38	.....	54
.....	.....	75,238	.....	2,284	25	500	2,001	97,038	94,537	15	.....	.....	.....	.....	15	.....	55
2,600	103	51,993	.....	1,440	589	23,724	1,445	105,372	80,203	63	.....	.....	.....	.....	63	.....	56
787,733	604,964	2,883,476	20,594	157,291	157,480	11,447,402	46,084	18,433,548	6,940,062	534	.....	.....	.....	.....	534	.....	57
423,026	263,662	1,492,407	.....	75,549	59,993	5,561,852	20,345	8,884,878	3,302,681	196	.....	.....	.....	.....	196	.....	58
146,387	163,375	532,251	8,166	29,914	13,303	2,043,800	8,894	3,462,059	1,409,365	85	.....	.....	.....	.....	85	.....	59
70,532	81,048	386,934	11,207	22,181	44,694	1,963,665	6,419	2,959,610	989,526	103	.....	.....	.....	.....	103	.....	60
98,568	69,288	309,843	1,221	18,500	25,338	1,314,049	5,159	2,156,926	837,718	84	.....	.....	.....	.....	84	.....	61
49,220	27,591	162,041	.....	11,147	14,182	504,036	5,267	970,075	400,772	66	.....	.....	.....	.....	66	.....	62
460,780	1,033,918	575,764	1,456	101,654	476,452	22,954,992	103,633	30,070,206	7,011,581	2,834	50	.....	.....	.....	2,784	.....	63
159,057	230,182	617,759	.....	38,298	102,298	1,766,054	18,064	3,253,190	1,469,072	1,196	710	.....	18	.....	468	118	64
542,586	1,030,099	2,837,406	16,777	259,219	1,608,464	12,633,637	294,381	23,497,553	10,569,535	5,773	2,675	.....	113	.....	2,985	1,273	65
378,764	923,948	2,070,418	15,894	193,997	1,533,004	9,177,636	156,147	17,580,363	8,246,580	3,019	1,665	.....	.....	.....	1,354	1,018	66
163,822	106,151	766,988	883	65,222	75,460	3,456,001	138,234	5,917,190	2,322,955	2,754	1,010	.....	113	.....	1,631	255	67

[3] No figures given for reasons stated under "Explanation of terms."
[4] Same number reported for one or more other months.
[5] Same number reported throughout the year.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

	Industry and city.	Number of establishments	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.		Wage earners. Number, 15th day of— Minimum month.		Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
																		Dollars.
1	Cooperage	30	775	23	46	18	11	677	Oc	755	My	632	754	715	12	27	.....	2,005,727
2	Copper, tin, and sheet-iron work	180	1,636	183	101	96	48	1,208	Oc	1,408	Ja	962	1,354	1,337	5	12	.....	4,167,692
3	Dental goods	8	64	7	8	6	6	37	(2)	37	(2)	37	37	32	5	.....	.....	88,841
4	Druggists' preparations	36	977	24	102	133	72	646	Oc[4]	666	Jy	618	661	370	287	3	1	3,253,439
5	Electrical machinery, apparatus, and supplies.	35	7,891	3	331	693	497	6,367	De	7,694	Fe	5,357	7,507	5,335	2,091	33	48	21,323,709
6	Electroplating	15	125	15	11	2	1	96	De	117	Ja	75	116	111	2	3	.....	123,032
7	Engines, steam, gas, and water	10	1,042	2	107	85	66	782	No	913	Mh	671	937	937	.....	.....	.....	4,419,235
8	Engraving and diesinking	5	9	6	.....	2	.....	1	(2)	1	(2)	1	1	1	.....	.....	.....	6,375
9	Engraving, steel and copper plate, including plate printing.	15	206	12	18	2	9	165	De	211	Ja	146	208	92	110	2	4	188,538
10	Engraving, wood	7	22	10	.....	.....	.....	12	(2)	12	(2)	12	12	11	.....	1	.....	12,474
11	Envelopes	7	568	.....	39	21	41	467	De	501	Fe	440	500	204	283	2	11	1,295,284
12	Explosives	5	998	.....	94	228	110	566	Ja	645	My	497	553	553	.....	.....	.....	10,560,597
13	Fancy articles, not elsewhere specified	6	29	5	3	3	1	17	Oc[4]	20	Ja	12	20	3	17	.....	.....	28,978
14	Flavoring extracts	12	267	2	31	59	25	150	Jy	183	Mh	119	165	64	101	.....	.....	807,852
15	Flour-mill and gristmill products	690	4,693	754	420	336	168	3,015	Se	3,583	Je	2,722	3,190	3,079	109	2	.....	46,750,101
16	Food preparations, not elsewhere specified.	87	2,191	67	132	330	208	1,454	.....		.....		1,788	875	898	9	6	6,910,010
17	Breadstuffs, cereals and breakfast foods.	5	36	2	7	7	2	18	De	37	Jy[4]	9	37	18	17	2	.....	94,876
18	Macaroni, vermicelli, and noodles.	8	320	3	25	21	10	261	De	294	Au	242	289	225	56	6	2	1,297,847
19	Sweetening sirups, other than cane.	15	141	22	7	8	5	99	Fe	141	Jy	72	118	83	35	.....	.....	614,290
20	All other for human consumption	46	967	33	52	85	38	759	My	1,120	Se	381	1,028	259	764	1	4	2,304,972
21	For animals and fowls	13	727	7	41	209	153	317	Ja	337	Se	303	316	290	26	.....	.....	2,598,025
22	Foundry and machine-shop products.	301	11,848	194	658	1,061	405	9,530	.....		.....		10,922	10,738	146	26	12	39,919,703
23	Boiler shops	17	686	7	42	40	21	576	Ja	649	My	530	608	608	.....	.....	.....	2,081,156
24	Foundries	28	2,045	5	98	65	19	1,858	De	2,145	Mh	1,673	2,174	2,153	9	12	.....	5,098,900
25	Machine shops	241	8,074	177	463	831	327	6,276	No	7,647	Ja	5,235	7,240	7,088	131	9	12	27,183,820
26	Machine shop and foundry combined.	15	1,043	5	55	125	38	820	Ja	1,005	My	579	900	889	6	5	.....	5,555,827
27	Fur goods	12	222	8	13	7	28	166	Oc[4]	208	Mh	114	194	62	130	1	1	602,742
28	Furnishing goods, men's	12	503	6	25	70	28	374	No	475	My	310	464	50	397	6	11	1,313,274
29	Furniture	86	4,064	42	244	289	116	3,373	.....		.....		3,607	3,304	280	18	5	10,116,269
30	Wood, other than rattan and willow.	47	1,913	18	115	79	37	1,664	De	1,776	Ja	1,555	1,777	1,623	146	8	.....	4,042,363
31	Metal	7	905	2	47	71	38	747	No	843	Fe	640	822	780	31	2	.....	2,879,875
32	Store and office fixtures	32	1,246	22	82	139	41	962	De	1,002	Ja	882	1,008	892	103	8	5	3,194,031
33	Gas and electric fixtures	6	354	3	34	37	29	251	De	298	Mh	210	298	263	31	4	.....	929,511
34	Gas, illuminating and heating	26	1,866	1	106	185	256	1,318	Ja	1,419	Je	1,265	1,307	1,302	5	.....	.....	51,942,192
35	Glass	4	2,136	.....	50	24	28	2,034	Mh	2,299	Au	1,663	2,574	2,306	268	.....	.....	7,884,872
36	Glass, cutting, staining, and ornamenting.	17	167	13	17	6	5	126	No	138	Jy	102	136	126	9	1	.....	250,598
37	Gloves and mittens, cloth, not including gloves made in textile mills.	4	373	15	7	4	6	341	De	423	Ap	256	349	40	290	2	17	596,359
38	Grease and tallow, not including lubricating greases.	7	90	7	5	2	1	75	Ja	87	Oc[4]	66	69	69	.....	.....	.....	244,145
39	Hair work	3	16	4	.....	1	.....	11	(2)	11	(2)	11	11	1	9	1	.....	31,616
40	Hand stamps	8	89	4	12	9	5	59	(2)	59	(2)	59	60	54	1	5	.....	112,872
41	Hardware	9	379	4	26	7	3	339	No	404	Fe	241	403	391	12	.....	.....	1,055,161
42	Hats and caps, other than felt, straw, and wool.	22	525	25	42	67	43	348	No	417	Fe	304	416	140	272	1	3	878,990
43	Hats, fur-felt	5	395	3	20	40	9	323	No	382	My	280	366	113	248	4	1	746,678
44	Hats, straw	10	656	5	27	213	27	384	De	432	Jy[4]	328	432	157	273	.....	2	1,017,585
45	House-furnishing goods, not elsewhere specified.	14	153	12	13	19	7	102	De	117	My[4]	87	126	88	29	5	4	825,128
46	Ice, manufactured	129	1,554	85	174	70	51	1,174	Au	1,642	Ja	762	1,351	1,326	24	1	.....	13,914,580
47	Instruments, professional and scientific.	7	511	2	52	51	15	391	De	397	Mh	386	397	339	56	2	.....	1,225,666
48	Iron and steel, steel works and rolling mills.	5	2,922	.....	130	94	51	2,647	Fe	3,253	No	2,176	2,484	2,374	91	17	2	15,113,018
49	Iron and steel, tempering and welding.	15	94	12	13	11	4	54	Ap[4]	57	Jy[4]	52	52	51	.....	1	.....	126,147
50	Jewelry	29	586	27	34	34	45	446	De	476	Mh	430	478	401	63	12	2	832,608
51	Labels and tags	7	188	5	13	22	12	136	De	147	Mh	123	147	62	71	4	10	309,087
52	Leather goods, not elsewhere specified.	8	126	4	13	11	5	93	No	104	My	80	101	51	47	2	1	299,995
53	Leather, tanned, curried, and finished.	7	331	2	17	41	6	265	De	303	Ja	235	303	300	3	.....	.....	4,498,610
54	Lime	16	809	6	35	20	12	736	Oc	853	Ja	610	760	750	1	.....	.....	3,073,677
55	Liquors, malt	20	3,584	2	133	478	41	2,930	Au	3,481	No	2,332	3,199	3,132	67	.....	.....	44,807,010
56	Lithographing	15	384	9	28	65	20	262	De	278	Ja	241	257	198	50	6	3	940,976
57	Looking-glass and picture frames	8	33	7	6	.....	4	16	Mh[4]	17	De[4]	15	16	15	1	.....	.....	96,450
58	Lumber and timber products	557	6,363	725	191	133	31	5,283	De	6,862	Ja	4,119	7,715	7,638	51	24	2	9,737,292
59	Lumber, planing-mill products, not including planing mills connected with sawmills.	111	3,435	73	188	206	73	2,895	No	3,115	Ja	2,512	3,114	2,972	86	51	5	10,529,103

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
199,972	47,113	831,200	2,242	12,898	191,110	3,228,605	23,648	5,160,537	1,908,284	1,565	1,200	.....	22	.....	343	45	1
388,063	167,162	1,475,600	3,060	78,180	103,410	4,510,601	41,292	8,145,676	3,593,783	1,137	50	.....	176	.....	911	.....	2
28,934	14,118	46,725	.....	5,205	1,719	276,075	1,254	450,058	172,729	37	.....	.....	.....	.....	37	.....	3
226,134	319,692	332,861	212	21,572	99,176	2,565,586	24,000	4,831,651	2,242,065	1,060	901	.....	8	2	149	345	4
1,191,116	1,258,784	5,683,802	4,471	105,832	1,022,828	7,964,570	197,683	22,007,658	13,845,405	6,128	350	1,000	.....	.....	4,778	2,410	5
27,683	2,796	122,615	.....	8,880	918	77,351	8,641	296,328	210,336	197	.....	.....	.....	.....	197	.....	6
338,265	130,536	947,143	35,029	6,369	311,059	1,457,737	43,165	4,166,336	2,665,434	1,934	150	.....	1,524	.....	260	2,225	7
.....	524	1,128	.....	91,356	164	824	85	17,703	16,794	5	.....	.....	.....	.....	5	.....	8
42,751	9,841	141,576	2,100	11,180	1,480	118,398	2,029	405,082	284,655	70	.....	.....	.....	.....	70	.....	9
.....	.....	15,684	260	2,090	70	3,424	271	44,050	40,355	8	.....	.....	.....	.....	8	.....	10
137,736	134,568	355,385	25,049	35,798	43,367	799,639	12,783	1,952,440	1,140,018	612	245	.....	.....	.....	367	150	11
444,070	599,135	648,469	.....	.....	281,132	3,307,574	177,810	7,172,424	3,687,040	1,969	936	733	.....	.....	300	1,156	12
3,350	4,120	10,927	710	1,970	186	33,493	219	65,349	31,637	6	.....	.....	.....	.....	6	.....	13
75,808	218,986	79,567	.....	12,838	59,811	1,108,903	4,994	1,825,614	711,717	187	.....	.....	.....	.....	187	.....	14
1,149,853	647,838	3,153,880	8,615	33,305	692,342	97,131,800	1,052,924	113,297,359	15,112,635	47,516	25,646	250	6,321	2,623	12,706	535	15
539,089	484,131	1,027,403	5,745	94,854	470,007	18,063,251	144,015	23,403,398	5,256,132	3,894	1,829	.....	58	.....	2,007	350	16
5,681	4,576	13,806	.....	1,179	419	64,763	1,058	148,051	82,230	114	.....	.....	.....	.....	114	.....	17
71,190	45,319	199,296	.....	28,541	10,100	1,542,970	27,483	2,100,041	529,588	771	375	.....	25	.....	371	240	18
73,995	28,968	70,059	25	.....	43,011	1,409,013	8,215	2,186,956	769,728	110	57	.....	30	.....	23	32	19
204,564	111,660	434,388	.....	41,623	173,237	2,995,592	58,448	4,994,392	1,940,352	767	244	.....	3	.....	520	78	20
183,659	293,608	309,854	5,720	23,511	243,240	12,050,913	48,811	14,033,958	1,934,234	2,132	1,153	.....	.....	.....	979	.....	21
2,347,460	2,064,752	11,789,405	23,780	241,805	2,162,877	19,017,023	965,059	49,470,974	29,488,892	17,951	4,385	1,650	588	.....	11,328	4,063	22
166,993	106,752	644,620	500	24,113	380,687	1,330,298	37,728	3,206,699	1,838,673	1,386	190	.....	.....	.....	1,196	.....	23
413,162	102,756	2,515,550	11,655	26,278	494,464	3,344,641	421,271	8,367,216	4,601,304	2,947	652	.....	34	.....	2,261	271	24
1,623,571	1,660,852	7,648,394	11,625	178,538	1,202,051	12,802,500	377,396	33,926,663	20,746,767	9,650	3,213	.....	391	.....	6,046	3,732	25
143,734	194,392	980,832	.....	12,876	85,675	1,539,584	128,664	3,970,396	2,302,148	3,968	330	1,650	163	.....	1,825	.....	26
84,149	40,609	189,224	200	30,035	21,760	560,393	3,917	1,252,858	688,548	57	.....	.....	.....	.....	57	.....	27
121,845	470,150	277,844	500	20,167	18,953	1,786,394	4,332	2,892,803	1,102,077	60	.....	.....	12	.....	48	.....	28
720,833	553,385	3,471,156	22,537	119,091	228,433	8,193,157	130,233	16,154,865	7,831,475	7,000	4,225	175	137	.....	2,463	1,012	29
312,798	171,061	1,637,595	1,122	69,756	102,366	3,120,135	48,804	6,718,038	3,549,099	3,449	2,885	175	7	.....	382	795	30
168,288	128,102	762,119	.....	7,343	88,013	2,418,056	42,238	4,662,512	2,202,218	1,265	289	.....	15	.....	961	12	31
239,747	253,322	1,071,442	21,415	41,992	38,054	2,654,966	39,191	4,774,315	2,080,158	2,286	1,051	.....	115	.....	1,120	205	32
125,374	115,506	325,585	110	21,378	49,349	897,418	29,899	1,681,681	754,364	240	.....	.....	15	.....	225	.....	33
208,075	382,698	1,539,087	415	3,082	617,828	553,571	2,442,547	11,113,372	8,117,254	8,772	4,210	3,253	992	.....	317	2,999	34
222,105	58,785	2,411,517	.....	163	463,420	1,650,295	910,113	6,927,042	4,366,634	14,188	7,925	1,350	4,508	.....	405	11,420	35
25,655	24,107	126,178	480	11,902	3,486	116,804	6,730	409,129	285,595	182	.....	.....	.....	.....	182	.....	36
25,105	11,578	176,823	.....	14,797	24,581	770,995	8,024	1,207,799	428,780	115	.....	.....	.....	.....	115	.....	37
13,180	1,538	73,520	1,645	30	4,046	251,236	33,615	448,515	163,664	227	143	.....	.....	.....	84	.....	38
.....	520	8,524	.....	3,060	164	60,561	118	79,181	18,502	1	.....	.....	.....	.....	1	.....	39
20,001	18,227	65,227	.....	8,496	2,961	74,371	1,638	224,615	148,606	42	.....	.....	.....	.....	42	.....	40
243,355	11,722	315,981	.....	3,807	59,442	670,919	13,086	1,392,894	708,889	439	260	.....	.....	.....	179	.....	41
106,931	64,964	299,225	.....	26,466	8,466	1,102,634	7,884	1,893,461	782,943	55	.....	.....	.....	.....	55	.....	42
37,298	28,247	211,220	.....	13,743	24,286	1,016,271	4,376	1,478,951	458,304	68	.....	.....	.....	.....	68	.....	43
119,646	176,323	284,575	852	32,747	26,871	1,207,433	11,840	2,464,018	1,244,745	49	.....	.....	.....	.....	49	.....	44
51,210	41,061	84,703	.....	10,388	5,884	946,909	11,515	1,352,684	394,260	413	.....	.....	.....	.....	413	.....	45
351,527	92,033	1,426,044	7,010	36,840	242,273	684,972	1,423,021	6,504,840	4,396,847	29,116	24,486	785	529	.....	3,316	1,504	46
134,366	334,320	374,267	.....	9,126	52,541	456,751	9,948	1,565,500	1,098,801	385	.....	.....	30	.....	355	.....	47
390,627	161,785	3,044,666	50,000	.....	1,908,744	5,101,207	559,415	12,537,067	6,876,445	7,426	3,850	750	.....	.....	2,826	6,730	48
21,590	17,807	65,002	.....	6,507	1,138	75,067	2,892	236,895	158,936	59	.....	.....	.....	.....	59	.....	49
100,631	71,708	549,716	6,831	40,652	25,142	634,960	6,107	1,927,269	1,286,202	170	.....	.....	.....	.....	170	.....	50
28,039	55,154	113,250	.....	7,846	19,095	143,754	3,415	435,435	288,266	94	.....	.....	.....	.....	94	.....	51
39,085	14,720	81,934	.....	6,152	3,374	337,603	5,288	574,996	232,105	419	.....	.....	.....	.....	419	.....	52
68,440	38,897	296,198	.....	2,605	144,888	2,890,087	55,880	3,769,580	823,613	948	420	.....	.....	.....	528	.....	53
63,309	62,231	649,765	13,441	1,225	51,656	405,472	387,144	2,090,126	1,297,510	1,936	1,515	.....	105	.....	316	235	54
583,648	935,719	3,569,611	500	13,544	5,472,209	3,054,834	669,197	24,365,548	20,641,517	26,454	23,924	550	1,940	.....	40	13,028	55
168,948	134,135	333,062	5,628	21,925	14,184	584,372	10,045	1,472,240	877,823	329	.....	.....	.....	.....	329	.....	56
13,212	6,801	14,001	6,500	9,834	797	48,378	199	118,796	70,219	26	20	.....	.....	.....	6	.....	57
527,378	240,340	4,027,149	655,681	20,807	289,142	4,854,433	70,700	14,025,865	9,100,732	23,502	22,373	380	427	141	181	20	58
477,962	323,072	2,841,490	25,661	105,592	172,523	6,675,618	119,366	12,317,666	5,522,682	10,081	5,753	75	250	.....	4,003	570	59

[3] Same number reported throughout the year.
[4] Same number reported for one or more other months.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

	Industry and city.	Number of establishments	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Number, 15th day of— Maximum month.		Number, 15th day of— Minimum month.		Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
																		Dollars.
1	Machine tools	5	155	.....	18	13	3	121	De	149	Je	104	149	149	.....	.....	.....	461,177
2	Marble and stone work	154	1,172	153	99	51	29	840	.....		.....		956	939	16	1	.....	2,892,309
3	Monuments and tombstones	121	446	138	32	24	12	240	Oc	266	Ja	203	261	261	.....	.....	.....	1,202,936
4	Other marble and stone work, except slate.	33	726	15	67	27	17	600	No	698	Ja	541	695	678	16	1	.....	1,689,373
5	Mattresses and spring beds, not elsewhere specified.	28	459	18	37	39	17	348	Au	386	Ja	300	368	308	57	2	1	1,028,321
6	Millinery and lace goods, not elsewhere specified.	42	2,184	22	128	120	105	1,809	.....		.....		2,534	838	1,655	8	33	2,440,753
7	Embroideries	7	103	4	8	1	3	87	Je	95	Ja	74	94	26	62	2	4	121,257
8	Trimmed hats and hat frames	24	1,774	10	104	111	86	1,463	Fe	1,681	Je	1,215	2,134	776	1,326	4	28	2,017,326
9	Dress and cloak trimmings, braids, and fringes.	11	307	8	16	8	16	259	No	310	Ja	171	306	36	267	2	1	302,170
10	Mineral and soda waters	178	857	195	67	86	33	476	Jy	697	Ja	346	516	461	43	12	.....	2,054,077
11	Minerals and earths, ground or otherwise treated.	17	451	8	28	9	4	402	No	494	Jy	326	430	425	5	.....	.....	1,664,568
12	Mirrors, framed and unframed, not elsewhere specified.	8	72	8	5	2	3	54	Oc	65	Jy	41	60	58	.....	2	.....	89,649
13	Models and patterns, not including paper patterns.	26	224	31	7	11	4	171	No	184	Ja	155	182	182	.....	.....	.....	219,155
14	Mucilage, paste, and other adhesives, not elsewhere specified.	6	46	3	9	2	5	27	Jy	31	Oc	25	25	23	2	.....	.....	179,993
15	Musical instruments and materials, not elsewhere specified.	5	13	3	3	.....	.....	7	(3)	7	(3)	7	7	7	.....	.....	.....	33,298
16	Oil, not elsewhere specified	5	163	1	19	27	17	99	Oc	134	Au	69	126	126	.....	.....	.....	2,634,302
17	Oleomargarine and other butter substitutes.	4	296	.....	11	67	21	197	No	229	Je	173	209	142	67	.....	.....	1,421,256
18	Optical goods	8	299	3	27	30	29	210	Fe	291	Jy	162	171	110	60	1	.....	2,717,654
19	Paints	30	1,464	6	108	326	126	898	Se	1,006	Ja	737	927	845	82	.....	.....	9,278,089
20	Patent medicines and compounds	142	2,098	79	207	513	259	1,040	.....		.....		1,114	432	644	13	25	7,919,699
21	Patent and proprietary medicines.	101	1,777	50	163	420	217	927	Oc	999	Jy	844	984	339	607	13	25	7,004,305
22	Patent and proprietary compounds, not elsewhere specified.	41	321	29	44	93	42	113	De	131	Ja	100	130	93	37	.....	.....	915,394
23	Paving materials	49	812	29	50	26	4	703	Se	895	Ja	445	806	806	.....	.....	.....	1,355,708
24	Perfumery and cosmetics	23	284	16	18	31	119	100	No	107	Au	89	102	25	77	.....	.....	1,079,869
25	Petroleum, refining	4	1,070	.....	48	81	11	930	Jy	1,254	Au	252	1,061	1,059	2	.....	.....	13,399,315
26	Photo-engraving	20	350	8	39	37	20	246	No	268	Ja	215	269	244	3	20	2	516,820
27	Photographic apparatus	5	47	2	7	6	3	29	Jy	35	Fe	24	34	31	3	.....	.....	140,092
28	Photographic materials	6	328	5	22	34	13	254	Fe	272	Se	236	258	162	83	11	2	1,074,787
29	Pickles, preserves, and sauces	11	459	4	18	59	32	346	Je	424	Fe	292	366	154	210	.....	2	2,465,944
30	Pipes, tobacco	7	417	4	15	7	4	387	Ja	418	Ap[4]	367	382	275	93	4	10	499,990
31	Plumbers' supplies, not elsewhere specified.	5	289	.....	18	21	6	244	De	276	Ap	215	276	256	20	.....	.....	455,805
32	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	6	185	2	9	20	12	142	No	195	Mh	85	189	136	53	.....	.....	534,107
33	Printing and publishing, book and job.	460	7,910	391	508	741	404	5,866	.....		.....		6,406	4,254	2,006	121	25	15,117,837
34	Job printing	417	7,241	367	446	619	309	5,500	De	6,033	Ja	5,163	6,017	3,988	1,893	117	19	13,930,040
35	Book publishing and printing	8	257	2	15	17	20	203	No	235	Mh[4]	188	222	134	83	2	3	600,703
36	Book publishing without printing.	19	246	7	34	103	66	36	Jy	50	No[4]	2	27	9	15	.....	3	301,262
37	Linotype work and typesetting	16	166	15	13	2	9	127	No	142	Ja	112	140	123	15	2	.....	285,832
38	Printing and publishing, music	7	71	2	6	18	33	12	De	17	Se	2	17	8	9	.....	.....	488,244
39	Printing and publishing, newspapers and periodicals.	774	8,095	714	538	1,566	1,094	4,183	.....		.....		4,381	3,397	754	211	19	15,273,683
40	Printing and publishing	56	4,141	31	233	1,122	615	2,140	De	2,266	Ja	1,938	2,237	2,065	155	9	8	7,960,032
41	Printing, publishing, and job printing.	571	3,384	609	193	259	315	2,008	De	2,117	Ja	1,897	2,110	1,310	588	201	11	6,452,382
42	Publishing without printing	147	570	74	112	185	164	35	Mh	38	Ja[4]	33	34	22	11	1	.....	861,269
43	Printing materials	4	25	1	4	1	4	15	(3)	15	(3)	15	16	16	.....	.....	.....	118,545
44	Refrigerators	7	283	1	19	39	17	207	No	235	Ja	164	228	225	3	.....	.....	952,983
45	Regalia, and society badges and emblems.	6	91	4	5	6	12	64	Jy	76	Ap	57	61	27	29	3	2	121,399
46	Rubber tires, tubes, and rubber goods, not elsewhere specified.	7	715	1	35	31	27	621	Fe	670	My	539	629	391	234	3	1	2,580,742
47	Saddlery and harness	88	1,663	85	106	202	55	1,215	De	1,345	Mh	1,103	1,344	1,231	109	4	.....	5,064,798
48	Sausage, not made in slaughtering and meat-packing establishments.	13	100	13	7	4	5	71	De[4]	74	Jy	66	74	64	9	1	.....	319,466
49	Shirts	19	3,050	3	52	187	93	2,715	De	3,099	Ap	2,506	3,102	165	2,864	1	72	5,145,773
50	Show cases	8	345	9	26	15	11	284	Je	324	Ja	238	285	285	.....	.....	.....	719,628
51	Signs and advertising novelties	21	398	15	28	54	7	294	No	377	Fe	223	313	225	84	4	.....	537,556
52	Slaughtering and meat packing	49	10,281	28	386	1,249	328	8,290	Ja	9,805	Oc	7,654	8,126	7,500	620	6	.....	98,958,695
53	Soap	7	943	1	29	139	122	652	Jy	804	Mh	448	687	379	291	8	9	3,952,212
54	Stamped ware, not elsewhere specified.	7	892	4	20	145	61	662	Oc	831	Ja	401	777	586	174	17	.....	3,471,571
55	Statuary and art goods	9	82	13	4	.....	2	63	De	82	Fe[4]	50	82	76	6	.....	.....	85,397
56	Steam fittings and steam and hot-water heating apparatus.	6	682	.....	17	34	9	622	No	920	Ap	400	895	889	6	.....	.....	2,213,478
57	Stereotyping and electrotyping	5	160	1	12	18	4	125	De	130	Je	119	130	129	.....	1	.....	177,606
58	Stoves and hot-air furnaces	19	2,905	.....	118	269	56	2,462	No	2,852	Ja	2,035	2,819	2,798	15	6	.....	11,887,580
59	Structural ironwork, not made in steel works or rolling mills.	35	1,349	14	115	130	27	1,063	De	1,239	Mh	899	1,230	1,225	1	4	.....	4,728,036

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
61,708	16,453	148,677	140	7,764	4,044	184,075	6,609	434,999	244,315	211	.....	.....	.....	.....	211	.....	1
195,699	92,055	1,017,639	30,936	30,731	23,180	1,605,641	117,074	3,802,903	2,080,188	5,185	1,045	110	268	.....	3,762	40	2
62,655	44,357	306,723	22,391	14,228	8,379	777,525	21,718	1,615,822	816,579	760	.....	.....	216	.....	544	5	3
133,044	47,698	710,916	8,545	16,503	14,801	828,116	95,356	2,187,081	1,263,609	4,425	1,045	110	52	.....	3,218	35	4
80,583	72,068	376,765	100	28,833	25,264	1,379,811	21,153	2,406,894	1,005,930	769	250	.....	15	.....	504	.....	5
462,359	238,238	1,132,970	2,395	86,046	67,610	4,127,325	19,247	7,434,271	3,287,699	189	20	.....	.....	.....	169	.....	6
12,414	1,300	64,991	.....	5,775	2,518	72,559	2,079	196,081	121,443	21	.....	.....	.....	.....	21	.....	7
403,055	212,131	909,392	75	64,951	61,478	3,676,571	13,900	6,544,377	2,853,906	135	20	.....	.....	.....	115	.....	8
46,890	24,807	158,587	2,320	15,320	3,614	378,195	3,268	693,813	312,350	33	.....	.....	.....	.....	33	.....	9
117,223	152,309	399,449	2,210	37,629	131,641	1,505,099	36,771	3,597,605	2,055,735	1,698	299	.....	219	1	579	16	10
59,772	14,064	374,930	210	10,137	13,422	542,092	105,097	1,337,598	690,409	2,371	1,081	200	335	.....	755	103	11
12,681	3,047	60,486	.....	6,995	456	184,382	3,849	328,619	140,388	130	.....	.....	.....	.....	130	.....	12
32,302	8,695	235,391	1,627	12,197	2,434	92,565	6,947	543,935	444,423	197	.....	.....	14	.....	183	.....	13
28,420	8,303	37,142	.....	10,290	4,031	346,971	2,964	530,667	180,732	106	4	.....	.....	.....	102	.....	14
4,200	.....	5,621	.....	758	159	10,720	184	27,372	16,468	3	.....	.....	.....	.....	3	.....	15
59,469	61,092	107,782	.....	2,040	160,407	2,925,900	19,106	4,175,151	1,230,145	309	230	.....	57	.....	22	27	16
57,936	135,018	150,644	10,247	3,000	159,637	3,652,554	34,703	4,414,888	727,631	903	840	.....	.....	.....	63	301	17
84,753	58,029	192,826	.....	18,885	42,013	647,759	6,140	1,404,244	750,345	153	.....	.....	.....	.....	153	.....	18
407,864	618,312	1,182,022	200	55,796	199,431	9,500,015	218,087	14,531,437	4,813,335	3,905	2,210	.....	.....	.....	1,695	1,011	19
798,182	1,147,376	886,379	10,565	104,561	1,574,892	5,145,822	44,996	14,590,676	9,399,858	895	267	.....	55	.....	573	103	20
678,808	931,779	774,218	10,565	85,112	1,545,431	4,560,060	35,259	13,154,905	8,559,586	738	265	.....	55	.....	418	103	21
119,374	215,597	112,161	.....	19,449	29,461	585,762	9,737	1,435,771	840,272	157	2	.....	.....	.....	155	.....	22
91,666	33,061	673,464	19,354	17,754	10,070	192,595	107,486	1,379,062	1,078,981	5,401	2,876	.....	206	.....	2,319	.....	23
52,174	160,983	60,954	1,314	10,088	27,872	589,734	6,067	1,902,228	1,306,427	103	.....	.....	.....	.....	103	.....	24
151,866	115,986	1,388,663	.....	2,898	123,978	19,620,118	1,494,934	24,610,532	3,495,480	2,545	1,140	1,390	15	.....	.....	1,273	25
141,976	91,639	423,135	5,478	27,690	4,460	142,574	9,265	1,133,049	981,210	170	.....	.....	.....	.....	170	.....	26
17,475	7,334	31,176	.....	6,859	986	95,432	1,351	193,707	96,924	27	.....	.....	.....	.....	27	.....	27
69,037	73,213	221,115	.....	3,145	32,770	731,212	22,027	1,356,827	603,588	516	513	.....	.....	.....	3	103	28
63,120	116,221	256,296	.....	8,546	39,152	4,001,712	18,411	4,817,855	797,732	450	91	.....	.....	.....	359	.....	29
51,206	15,470	239,036	50	1,500	42,094	366,013	11,388	943,340	565,939	384	225	.....	.....	.....	159	50	30
71,275	35,468	287,198	.....	8,249	37,605	382,780	32,291	983,113	568,042	463	250	.....	35	.....	178	5	31
22,390	32,541	157,520	.....	4,537	11,409	2,934,264	14,039	3,307,749	359,446	312	210	.....	.....	.....	102	61	32
1,737,349	1,439,194	6,235,986	694,285	434,756	531,313	9,020,897	217,587	25,880,461	16,641,977	6,194	870	.....	24	.....	5,300	150	33
1,551,457	1,220,042	5,857,085	305,365	400,132	521,494	8,735,215	199,883	23,927,561	14,992,463	5,903	820	.....	24	.....	5,059	150	34
56,948	38,057	176,755	40,544	15,460	4,315	182,025	10,083	667,660	475,552	245	50	.....	.....	.....	195	.....	35
96,922	173,484	19,000	347,276	12,171	3,838	82,567	234	926,172	843,371	9	.....	.....	.....	.....	9	.....	36
32,022	7,611	183,146	1,100	6,993	1,666	21,090	7,387	359,068	330,591	37	.....	.....	.....	.....	37	.....	37
40,092	97,502	11,230	6,641	3,992	1,391	31,765	787	285,303	252,751	10	.....	.....	.....	.....	10	.....	38
1,492,194	3,120,680	4,410,609	1,128,253	370,786	526,676	11,594,122	265,451	30,011,808	18,152,235	7,014	1,868	.....	731	6	4,409	1,168	39
831,846	2,091,243	2,602,007	156,915	175,110	433,054	9,065,727	159,548	19,817,677	10,592,402	4,277	1,825	.....	51	.....	2,401	999	40
413,447	553,762	1,781,649	175,450	155,573	79,481	2,208,495	105,426	7,445,532	5,131,611	2,736	43	.....	680	6	2,007	169	41
246,901	484,675	26,953	795,888	40,103	14,141	319,900	477	2,748,599	2,428,222	1	.....	.....	.....	.....	1	.....	42
26,037	5,984	21,741	.....	4,240	18,364	39,168	2,450	198,384	156,757	38	2	.....	.....	.....	36	.....	43
64,525	105,951	273,683	.....	7,432	26,134	705,241	10,685	1,527,256	811,330	605	.....	.....	.....	.....	605	.....	44
16,668	17,302	43,209	800	4,170	994	88,207	1,347	202,562	113,008	36	.....	.....	.....	.....	36	.....	45
86,018	63,448	541,079	6,000	14,321	16,905	2,423,297	55,466	3,865,296	1,386,533	2,168	250	.....	.....	.....	1,918	.....	46
316,884	279,681	1,250,103	.....	74,624	183,239	6,260,481	77,633	9,449,706	3,111,592	1,082	292	.....	17	.....	773	55	47
17,775	9,988	75,132	.....	18,178	15,441	633,420	13,677	866,714	219,617	247	81	.....	.....	.....	166	.....	48
276,445	520,399	1,839,753	8,447	45,586	250,674	7,226,120	38,692	11,704,712	4,439,900	1,229	740	125	15	.....	349	469	49
57,180	42,588	307,949	.....	12,690	8,381	537,251	15,377	1,177,071	624,443	743	.....	.....	.....	.....	743	.....	50
77,431	62,922	242,930	12,293	14,086	18,828	472,485	7,026	1,044,371	564,860	119	.....	.....	2	.....	117	.....	51
1,036,071	2,257,049	10,377,515	45,583	24,785	251,955	226,464,734	1,544,642	246,610,195	18,600,819	19,966	15,109	2,096	92	.....	2,669	5,668	52
123,725	246,651	564,498	591,050	38,970	301,229	5,588,494	79,279	8,555,927	2,888,154	1,617	1,393	.....	.....	.....	224	883	53
122,029	316,718	673,677	.....	91,467	295,486	2,929,299	43,857	5,427,284	2,454,128	1,277	1,024	.....	14	.....	239	30	54
10,778	1,716	72,816	.....	7,071	590	39,623	1,581	172,226	131,022	72	.....	.....	.....	.....	72	.....	55
47,038	31,875	854,494	.....	6,062	13,991	1,108,872	108,872	2,597,264	1,379,820	1,122	.....	.....	.....	.....	1,122	.....	56
33,847	22,610	174,997	.....	9,800	11,727	123,651	11,946	539,688	404,091	351	.....	.....	.....	.....	351	.....	57
541,015	744,048	2,976,649	26,223	18,894	587,814	5,945,178	120,114	15,339,544	9,274,252	2,994	1,770	.....	.....	.....	1,224	1,092	58
350,693	229,440	1,287,590	41,796	23,538	333,780	2,868,871	78,450	5,544,496	2,597,175	3,306	749	.....	12	.....	2,545	285	59

[3] Same number reported throughout the year.
[4] Same number reported for one or more other months.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.		Wage earners. Number, 15th day of— Minimum month.		WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
																		Dollars.
1	Surgical appliances	17	195	10	19	11	53	102	Je	111	Ja [3]	86	110	54	55	1	.....	532,867
2	Tinware, not elsewhere specified	10	1,604	.....	58	55	35	1,516	De	1,760	Je	1,394	1,766	1,217	527	15	7	5,245,362
3	Tobacco, chewing and smoking, and snuff.	11	3,320	4	85	471	8	2,752	Ja	3,292	Mh	2,391	2,846	1,376	1,412	9	49	12,213,931
4	Tobacco, cigars	279	1,278	287	35	19	5	932	De	1,178	Mh	718	1,159	568	574	13	4	883,902
5	Tools, not elsewhere specified	23	500	25	29	16	27	403	De	504	Je	336	433	414	12	7	.....	1,537,543
6	Toys and games	12	177	10	9	1	9	148	Oc	228	Ap	84	182	73	109	.....	.....	191,550
7	Trunks and valises	20	1,026	15	38	71	25	877	Oc	989	Ja	775	932	792	134	5	1	2,092,393
8	Umbrellas and canes	4	41	3	4	7	1	26	De	34	Ja	18	34	10	23	1	.....	129,104
9	Varnishes	7	141	1	16	26	5	93	Je	108	Mh	71	106	79	26	.....	1	807,625
10	Vinegar and cider	13	100	8	17	6	5	64	.....		.....		66	63	3	.....	.....	889,838
11	Vinegar	7	78	4	13	3	4	54	Oc	92	Ap	35	53	50	3	.....	.....	769,791
12	Cider	6	22	4	4	3	1	10	Oc [3]	13	Ja [3]	9	13	13	.....	.....	.....	120,047
13	Washing machines and clothes wringers.	8	188	8	4	12	8	156	No	211	Ja	104	180	169	10	1	.....	634,975
14	Window and door screens and weather strips.	9	117	5	12	15	1	84	Je [3]	110	Ja	55	85	85	.....	.....	.....	326,712
15	Wirework, including wire rope and cable, not elsewhere specified.	24	1,212	15	34	119	34	1,010	Mh	1,069	Oc	823	1,039	939	99	1	.....	5,808,781
16	Wood, turned and carved	23	272	25	17	7	4	219	De	244	Je	203	244	237	7	.....	.....	310,721
17	All other industries*	223	12,734	115	576	930	413	10,700	.....		.....		.....	.....	.....	.....	.....	65,948,882

*All other industries embrace—

Aeroplanes, seaplanes, and airships, and parts	2
Aluminum manufactures	4
Artificial flowers	3
Artists' materials	2
Asbestos products, not including steam packing	1
Babbitt metal and solder	3
Baking powders	1
Baskets, and rattan and willow ware	1
Bells	2
Belting, woven, other than rubber	1
Billiard tables and accessories	2
Bluing	3
Boots and shoes, rubber	1
Boxes, cigar	2
Butter, reworking	1
Cars, electric-railroad, not including operations of railroad companies	1
Cash registers and calculating machines	7
Cheese	2
Chewing gum	3
China decorating, not including that done in potteries	2
Cloth, sponging and refinishing	1
Clothing, men's, buttonholes	2
Coal-tar products	5
Condensed milk	3
Cordage and twine	2
Cordials and flavoring sirups	5
Corsets	1
Cotton goods	1
Cutlery and edge tools	5
Dairymen's and apiarists' supplies	4
Dyeing and finishing textiles, exclusive of that done in textile mills	2
Emery and other abrasive wheels	1
Enameling	3
Engravers' materials	2
Feathers and plumes	2
Felt goods	1
Fertilizers	3
Fire extinguishers, chemical	2
Fireworks	1
Fuel, briquetted	1
Furs, dressed	1
Gas machines	2
Glucose and starch	1
Glue, not elsewhere specified	4
Gold and silver, reducing and refining, not from the ore	1
Hat and cap materials	3
Ink, printing	2
Ink, writing	3
Iron and steel, blast furnaces	3
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	1
Iron and steel, doors and shutters	3
Iron and steel forgings, not made in steel works or rolling mills	3

	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
1	KANSAS CITY—All industries.	997	29,230	777	1,546	3,095	1,675	22,137	No	24,154	Fe	20,255	23,897	16,885	6,892	81	39	83,009,137
2	Agricultural implements	6	173	2	12	17	9	133	Je	185	Mh	96	114	114	.....	.....	.....	1,232,000
3	Automobile bodies and parts	15	242	14	13	9	8	198	Ap	212	Ja	176	209	203	6	.....	.....	404,273
4	Automobile repairing	34	288	40	10	7	10	221	Oc	230	Ap	211	227	226	1	.....	.....	359,303
5	Bookbinding and blank-book making.	8	654	4	28	75	67	480	De	708	My	291	708	292	414	2	.....	1,676,254
6	Bread and other bakery products	131	3,277	141	49	378	137	2,572	De	3,016	Jy	2,351	3,046	1,612	1,434	.....	.....	6,863,455
7	Brick and tile, terra-cotta, and fire-clay products.	4	240	1	9	12	5	213	My	241	Ja	146	230	230	.....	.....	.....	609,865
8	Brooms	9	55	9	2	2	1	41	De	63	Ap	31	63	62	1	.....	.....	47,691
9	Butter	4	387	.....	30	177	27	153	Je	204	De	120	120	77	43	.....	.....	1,089,489
10	Cars and general shop construction and repairs by steam-railroad companies.	5	1,757	.....	70	42	13	1,632	De	1,751	Jy	1,530	1,722	1,694	28	.....	.....	1,753,955
11	Chemicals	5	118	.....	14	43	17	44	Se	53	Fe	35	50	45	3	2	.....	577,504
12	Cleansing and polishing preparations	3	22	.....	4	8	1	9	Se [3]	11	Ja	6	9	1	8	.....	.....	32,937
13	Clothing, men's	13	1,179	1	39	22	27	1,090	De	1,180	Ap	997	1,174	187	987	.....	.....	2,407,288
14	Coffee, roasting and grinding	9	369	6	17	101	24	221	Au	240	My [3]	207	226	102	120	3	1	1,479,667
15	Coffins, burial cases, and undertakers' goods.	5	102	.....	13	7	3	79	Fe	100	Je	64	77	58	19	.....	.....	204,944
16	Confectionery and ice cream	25	443	27	13	47	16	340	.....		.....		391	250	138	1	2	1,300,786
17	Confectionery	19	232	22	8	30	12	160	No	276	Au	99	239	99	137	1	2	563,789
18	Ice cream	6	211	5	5	17	4	180	Jy	250	Fe	140	152	151	1	.....	.....	736,997
19	Copper, tin, and sheet-iron work	23	615	30	25	48	16	496	Au	613	Fe	369	553	551	2	.....	.....	1,197,882
20	Druggists' preparations	6	82	.....	15	5	5	57	Oc [3]	63	Fe [3]	50	58	31	27	.....	.....	276,591
21	Engraving, steel and copper plate, including plate printing.	7	108	4	9	.....	7	88	De	119	Ja	69	119	50	68	1	.....	101,761
22	Flour-mill and gristmill products	8	287	3	20	32	6	226	Ja	296	Au	150	230	190	40	.....	.....	2,293,082
23	Food preparations, not elsewhere specified.	21	432	13	41	63	22	293	Ap	327	Se	270	327	245	82	.....	.....	1,795,141
24	Foundry and machine-shop products.	45	626	39	44	49	37	457	No	574	Mh	330	548	532	12	1	3	1,952,151
25	Furnishing goods, men's	3	83	.....	7	11	6	59	No	68	Ap [3]	50	64	4	60	.....	.....	171,485
26	Furniture	12	231	11	15	13	5	187	Je	198	No	167	192	188	4	.....	.....	631,019
27	House-furnishing goods, not elsewhere specified.	8	120	6	10	17	5	82	De	92	Ap	69	100	71	20	5	4	752,133
28	Lithographing	4	107	1	8	18	4	76	No	85	Ja	68	81	64	17	.....	.....	246,239

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
68,604	77,595	91,626	1,345	8,611	19,287	399,192	4,911	1,059,562	655,459	112	.....	.....	.....	.....	112	.....	1
180,044	119,532	1,238,674	.....	29,096	207,616	3,640,286	57,657	6,124,186	2,426,243	918	411	.....	.....	.....	507	710	2
228,452	739,889	2,102,237	.....	5,940	11,602,281	25,366,572	134,465	44,922,230	19,421,193	2,533	2,260	.....	.....	.....	273	1,638	3
52,990	28,271	688,250	347	39,394	334,010	1,280,378	7,973	2,829,604	1,541,253	27	.....	.....	.....	.....	27	.....	4
123,337	41,041	513,248	3,000	13,172	22,040	563,358	38,885	1,521,655	919,412	858	239	.....	21	.....	598	.....	5
17,510	8,786	91,812	300	6,077	7,850	161,028	3,855	437,210	272,327	86	.....	.....	8	.....	78	.....	6
114,105	156,886	855,187	.....	53,648	186,963	2,369,500	27,122	4,278,561	1,881,939	530	290	.....	.....	.....	240	225	7
13,488	18,498	22,463	.....	2,254	1,042	138,095	1,259	230,736	91,382	8	.....	.....	.....	.....	8	.....	8
73,458	70,046	104,916	.....	2,586	17,646	1,344,122	10,427	2,027,338	672,789	483	255	.....	.....	.....	228	.....	9
57,481	10,847	71,274	240	6,253	20,663	536,086	16,027	1,022,673	470,560	1,001	440	.....	4	500	57	420	10
48,450	8,830	62,633	240	5,265	17,735	476,029	14,182	916,516	426,305	435	420	.....	4	.....	11	420	11
9,031	2,017	8,641	.....	988	2,928	60,057	1,845	106,157	44,255	566	20	.....	.....	500	46	.....	12
15,279	22,274	155,633	1,010	4,047	12,496	623,198	4,460	1,053,043	425,385	372	300	.....	47	.....	25	.....	13
31,000	16,980	70,084	.....	3,090	4,369	116,972	4,651	384,133	262,510	292	100	.....	36	100	56	52	14
286,227	240,454	729,425	1,500	11,488	1,192,812	4,777,798	40,100	7,789,617	2,971,719	1,743	350	.....	27	.....	1,366	250	15
33,630	16,284	176,714	.....	3,611	8,477	374,705	6,193	762,253	381,355	828	411	.....	60	.....	357	.....	16
1,842,424	1,536,808	10,658,499	239,135	209,087	2,693,470	42,380,348	1,114,751	70,975,017	27,479,918	32,578	15,876	4,175	133	.....	12,394	6,045	17

Japanning	2	Peanuts, grading, roasting, cleaning, and shelling	3	Shipbuilding, wooden, including boat building	3
Jewelry and instrument cases	3	Pencils, lead	1	Smelting and refining, lead	3
Jute goods	1	Pens, fountain and stylographic	1	Smelting and refining, metals, not elsewhere specified	1
Lamps and reflectors	1	Phonographs and graphophones	2	Soda-water apparatus	1
Lapidary work	1	Pocketbooks	1	Sporting and athletic goods	3
Lard, not made in slaughtering and meat-packing establishments	1	Pottery, earthen and stone ware	2	Springs, steel, car and carriage, not made in steel works or rolling mills	3
Lasts	2	Pumps, not including power pumps	3	Stationery goods, not elsewhere specified	4
Lead, bar, pipe, and sheet	1	Pumps, steam and other power	3	Steam packing	1
Liquors, vinous	1	Roofing materials	4	Steel barrels, drums, and tanks	2
Lubricating greases	2	Safes	2	Stencils and brands	1
Musical instruments, organs	2	Saws	1	Stoves, gas and oil	4
Needles, pins, and hooks and eyes	1	Scales and balances	5		
Nets and seines	1	Screws, machine	1		
Oil and cake, cottonseed	1	Sewing machines	2		
Paper goods, not elsewhere specified	3	Shipbuilding, steel, new vessels	1		

Suspenders, garters, and elastic woven goods	2
Theatrical scenery	2
Tin foil, not elsewhere specified	1
Type founding	1
Upholstering materials, excelsior	1
Vault lights and ventilators	1
Wall plaster and composition flooring	1
Waste, cotton	1
Whips	1
Window shades and fixtures	3
Wire	1
Wood distillation	1
Wood preserving	2
Wooden goods, not elsewhere specified	4
Woolen goods	2

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
5,088,640	5,822,647	23,741,756	883,378	1,154,445	6,390,341	122,150,470	2,159,434	192,815,052	68,505,148	44,287	19,775	302	1,344	.....	22,866	7,784	1
29,728	28,499	152,042	1,000	4,780	11,286	472,521	19,288	902,396	410,587	196	50	.....	41	.....	105	.....	2
43,862	23,701	225,898	544	20,766	10,240	262,349	10,114	733,364	460,901	243	.....	.....	24	.....	219	.....	3
17,628	18,671	313,251	1,773	45,301	3,988	329,845	12,199	929,192	587,148	188	.....	.....	77	.....	111	.....	4
93,315	205,139	427,356	879	17,772	30,915	918,127	8,191	1,982,150	1,055,832	286	.....	.....	.....	.....	286	.....	5
141,883	733,972	2,465,756	.....	53,573	1,149,462	8,652,465	221,132	15,762,836	6,889,239	2,694	1,545	122	47	.....	980	1,936	6
23,084	26,277	238,627	.....	3,832	6,196	127,228	127,716	680,114	425,170	865	675	.....	.....	.....	190	163	7
2,150	2,601	57,266	.....	3,666	980	145,990	1,562	227,300	79,748	41	.....	.....	.....	.....	41	.....	8
91,548	127,248	146,044	.....	21,886	40,658	7,332,928	31,001	7,879,726	515,797	742	105	.....	.....	.....	637	.....	9
192,344	72,507	2,124,654	.....	.....	8,121	1,327,094	116,371	3,840,304	2,396,839	1,343	757	55	.....	.....	531	1,107	10
46,482	91,593	50,788	.....	8,282	17,501	104,041	47,115	456,586	305,430	252	100	.....	.....	.....	152	15	11
14,800	17,568	5,273	.....	1,564	3,517	44,343	355	108,381	63,683	7	.....	.....	.....	.....	7	.....	12
165,497	113,563	779,528	133,111	41,054	20,376	3,858,136	23,536	6,048,192	2,166,520	905	330	.....	.....	.....	575	.....	13
49,322	217,243	178,974	.....	11,060	71,871	4,815,744	19,854	6,393,929	1,558,331	463	.....	.....	.....	.....	463	.....	14
27,420	15,879	102,788	.....	15,690	5,310	304,383	2,326	478,277	171,568	145	.....	.....	.....	.....	145	.....	15
51,540	93,771	315,792	.....	37,716	44,559	1,179,283	44,434	2,197,935	974,218	834	160	.....	.....	.....	674	103	16
18,740	58,165	109,862	.....	22,441	2,939	498,220	14,352	808,874	296,302	198	160	.....	.....	.....	38	103	17
32,800	35,606	205,930	.....	15,275	41,620	681,063	30,082	1,389,061	677,916	636	.....	.....	.....	.....	636	.....	18
71,064	54,747	635,813	.....	16,175	13,550	1,825,191	12,732	3,226,533	1,388,610	260	.....	.....	18	.....	242	.....	19
42,481	38,934	25,552	.....	3,264	16,932	518,319	3,996	746,832	224,517	32	10	.....	.....	.....	22	.....	20
19,782	6,759	75,197	.....	6,304	717	61,956	1,178	216,387	153,253	40	.....	.....	.....	.....	40	.....	21
75,460	64,157	280,667	.....	3,550	25,271	6,784,777	56,182	7,611,780	770,821	4,440	2,225	.....	.....	.....	2,215	.....	22
188,198	130,762	279,543	.....	24,622	213,200	4,023,267	51,260	5,839,526	1,765,009	1,393	568	.....	.....	.....	825	32	23
106,634	97,459	560,177	5,330	39,439	19,971	776,926	40,321	1,948,324	1,131,077	928	240	.....	153	.....	535	.....	24
25,815	22,897	36,713	.....	5,405	2,714	194,943	1,572	352,034	155,519	20	.....	.....	12	.....	8	.....	25
40,506	24,739	220,205	21,415	18,513	7,095	428,664	8,105	876,888	440,119	376	210	.....	60	.....	106	.....	26
47,090	37,211	69,855	.....	8,592	5,055	839,071	9,688	1,161,828	313,069	303	.....	.....	.....	.....	303	.....	27
39,159	27,503	86,150	.....	3,750	8,470	164,465	3,216	387,302	219,621	108	.....	.....	.....	.....	108	.....	28

[1] Same number reported for one or more other months.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments.	Persons engaged in the industry.										Wage earners Dec. 15, or nearest representative day.					Capital.
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.					Total.	16 and over.		Under 16.		
						Male.	Female.	Average number.	Number, 15th day of— Maximum month.		Number, 15th day of— Minimum month.			Male.	Female.	Male	Female	
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
	KANSAS CITY—Continued.																	*Dollars.*
1	Lumber, planing-mill products, not including planing mills connected with sawmills.	13	614	7	22	60	21	504	Se	536	Ja	423	530	496	.....	34	.....	2,732,683
2	Marble and stone work	7	132	2	7	4	4	115	No	128	Ja	90	123	118	4	1	.....	383,774
3	Mattresses and spring beds, not elsewhere specified.	9	169	7	14	10	7	131	Au	148	Fe	118	132	110	22	.....	.....	338,154
4	Mineral and soda waters	9	127	11	10	12	4	90	Jy	109	No	68	85	64	21	.....	.....	302,310
5	Models and patterns, not including paper patterns.	6	38	9	.....	.....	1	28	Au [3]	31	Ja	20	29	29	.....	.....	.....	51,671
6	Patent medicines and compounds	28	344	19	36	180	36	73	.....		.....		76	53	22	1	.....	711,815
7	Patent and proprietary medicines.	17	275	10	21	161	30	53	Oc	58	Ap [3]	50	53	35	17	1	.....	579,149
8	Patent and proprietary compounds, not elsewhere specified.	11	69	9	15	19	6	20	De	29	My	16	23	18	5	.....	.....	132,666
9	Paving materials	7	175	3	12	6	1	153	Oc	199	Ja	100	165	165	.....	.....	.....	168,033
10	Photo-engraving	4	108	2	9	13	8	76	Ap	85	Ja	67	80	77	.....	3	.....	153,020
11	Printing and publishing, book and job.	133	2,022	122	122	120	82	1,576	No	1,672	Ja	1,452	1,629	1,126	485	17	1	3,805,017
12	Printing and publishing, newspapers and periodicals.	58	2,348	35	131	604	534	1,044	.....		.....		1,068	931	137	.....	.....	3,439,335
13	Printing and publishing	9	1,764	2	61	485	356	860	Je	926	Ja	750	873	802	71	.....	.....	2,450,160
14	Printing, publishing, and job printing.	15	352	11	31	30	113	167	De	179	My	160	179	116	63	.....	.....	723,497
15	Publishing without printing	34	232	22	39	80	65	17	Mh	20	Oc [3]	15	16	13	3	.....	.....	265,678
16	Sausage, not made in slaughtering and meat-packing establishments.	6	72	5	5	1	4	57	De [3]	59	Mh	54	59	51	8	.....	.....	284,754
17	Signs and advertising novelties	9	57	9	4	1	4	39	Oc [3]	47	Ap	32	38	30	7	1	.....	86,372
18	Structural ironwork, not made in steel works or rolling mills.	6	131	6	9	16	4	96	Jy	137	Ja	52	106	106	.....	.....	.....	208,287
19	Tobacco, cigars	16	108	13	4	2	1	88	De	97	Fe	75	94	53	41	.....	.....	67,625
20	Toys and games	4	22	4	1	.....	1	16	Au	28	Fe [3]	7	19	10	9	.....	.....	28,869
21	Trunks and valises	7	108	9	4	6	4	85	Oc	103	Ja	72	90	77	13	.....	.....	149,532
22	Washing machines and clothes wringers.	4	53	5	1	3	2	42	De	60	Ja [3]	30	6	6	.....	.....	.....	165,827
23	Wirework, not elsewhere specified	9	69	5	5	2	3	54	De	58	Mh	50	57	38	19	.....	.....	114,736
24	All other industries*	249	10,536	152	633	852	476	8,423	.....		.....		8,873	6,266	2,570	9	28	40,270,428

*All other industries embrace—
Artificial limbs 4
Artificial stone products 3
Artists' materials 1
Automobiles 1
Awnings, tents, and sails 3
Babbitt metal and solder 1
Bags, other than paper, not including bags made in textile mills 3
Belting, leather 1
Belting, woven, other than rubber 1
Blacking, stains, and dressings 3
Boots and shoes 2
Boxes, paper and other, not elsewhere specified 3
Boxes, wooden packing, except cigar boxes 3
Brass and bronze products 3
Brushes 2
Butter, reworking 1
Carpets, rag 1
Carriage and wagon materials 1
Carriages and wagons, repair work only 2
Cars and general shop construction and repairs by electric-railroad companies 1
Cars, steam-railroad, not including operations of railroad companies 1
Cash registers and calculating machines 1
Chewing gum 2
China decorating, not including that done in potteries 2
Clothing, women's 13
Coal-tar products 1
Cordials and flavoring sirups 2
Cutlery and edge tools 2
Dental goods 2
Electrical machinery, apparatus, and supplies 3
Electroplating 3
Enameling 1
Engines, steam, gas, and water 6
Engraving, wood 1
Envelopes 3
Fancy articles, not elsewhere specified 1
Flavoring extracts 1
Fuel, manufactured 1
Fur goods 5
Gas and electric fixtures 2
Gas machines 1
Glass 1
Glass, cutting, staining, and ornamenting 1
Gloves and mittens, cloth, not including gloves made in textile mills 1
Glucose and starch 1
Glue, not elsewhere specified 2
Gold and silver, reducing and refining, not from the ore 1
Hand stamps 4
Hardware 1
Hats and caps, other than felt, straw, and wool 2
Hats, fur-felt 1
Hats, straw 1
Ice, manufactured 5
Ink, printing 2
Ink, writing 1
Iron and steel, steel works and rolling mills 1
Iron and steel, doors and shutters 1

1	**ST. JOSEPH**—All industries	219	7,316	152	392	571	258	5,943	Se	6,615	Ja	5,379	6,510	4,128	2,357	19	6	25,065,798
2	Automobile bodies and parts	4	22	4	.....	.....	.....	18	Mh [3]	19	Fe [3]	16	20	19	1	.....	.....	53,658
3	Automobile repairing	11	61	17	2	1	1	40	Se	46	Mh	35	43	42	1	.....	.....	81,026
4	Boots and shoes	3	406	.....	19	14	9	364	De	425	Mh	331	423	278	130	4	2	1,433,861
5	Bread and other bakery products	30	166	28	8	16	8	106	De	112	Mh	98	116	94	22	.....	.....	521,602
6	Clothing, men's	4	402	.....	6	49	1	346	Au	422	Jy	328	404	32	372	.....	.....	746,021
7	Confectionery and ice cream	8	1,112	5	23	139	33	912	No	1,030	My	809	1,006	414	592	.....	.....	3,120,342
8	Cooperage, hogsheads and barrels	4	32	4	3	1	1	23	Oc	47	Je	6	43	43	.....	.....	.....	78,228
9	Copper, tin, and sheet-iron work	5	53	4	3	1	2	43	Oc	54	Ja	29	35	35	.....	.....	.....	110,932
10	Flour-mill and gristmill products	7	619	7	24	39	34	515	Se	869	Jy	389	500	455	45	.....	.....	6,725,990
11	Foundry and machine-shop products.	10	244	4	21	8	8	203	De [3]	227	Mh	173	227	225	2	.....	.....	454,377
12	Lumber, planing-mill products, not including planing mills connected with sawmills.	4	119	1	11	18	8	81	No	100	Fe	64	97	95	2	.....	.....	427,875
13	Printing and publishing, book and job.	20	273	20	13	22	5	213	De	229	Au	202	233	131	100	2	.....	500,757

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
74,249	152,295	531,958	832	38,432	40,910	1,522,495	18,085	2,653,164	1,112,584	1,334	920	75	97	.....	242	95	1
19,171	7,294	171,439	17,522	4,210	2,533	207,961	14,666	460,994	238,367	544	.....	.....	74	.....	470	.....	2
18,400	22,316	175,357	100	15,255	11,462	564,067	9,148	989,134	415,919	440	250	.....	.....	.....	190	.....	3
22,790	22,677	81,759	1,560	4,182	23,708	245,379	8,218	550,808	297,211	119	.....	.....	20	.....	99	.....	4
.....	600	37,679	1,200	2,422	797	16,142	1,518	89,045	71,385	74	.....	.....	14	.....	60	.....	5
107,829	366,096	75,058	.....	14,164	134,970	597,328	5,461	1,666,712	1,063,923	90	2	.....	53	.....	35	.....	6
74,839	318,046	47,083	.....	8,850	121,052	459,720	4,480	1,282,134	817,934	88	.....	.....	53	.....	35	.....	7
32,990	48,050	27,375	.....	5,314	13,918	137,608	981	384,578	245,989	2	2	.....	.....	.....	.....	.....	8
27,620	9,080	174,500	10,000	8,223	782	39,051	16,655	320,794	265,088	710	140	.....	.....	.....	570	.....	9
41,636	27,504	170,898	5,478	8,581	1,644	22,715	2,936	418,437	392,786	35	.....	.....	.....	.....	35	.....	10
432,957	265,456	1,695,113	124,347	141,863	72,223	2,728,906	66,551	6,715,257	3,919,800	1,695	.....	.....	20	.....	1,675	.....	11
445,098	1,069,245	1,187,585	486,362	108,043	43,279	5,049,469	74,752	10,592,983	5,468,762	1,900	1,275	.....	31	.....	594	894	12
267,803	783,050	996,938	104,092	84,600	33,086	4,630,212	67,194	8,501,482	3,804,076	1,728	1,275	.....	31	.....	422	894	13
89,915	84,589	174,253	127,508	10,253	6,821	289,021	7,494	918,508	621,993	172	.....	.....	.....	.....	172	.....	14
87,380	201,606	16,394	254,762	13,130	3,372	130,236	64	1,172,993	1,042,693	.....	.....	.....	.....	.....	.....	.....	15
9,375	4,788	56,838	.....	16,105	14,773	432,603	11,417	603,429	159,409	158	.....	.....	.....	.....	158	.....	16
10,400	3,572	43,416	914	4,966	1,001	48,095	536	141,816	93,185	13	.....	.....	.....	.....	13	.....	17
16,023	23,462	136,521	.....	4,040	2,538	430,416	5,380	679,492	243,696	182	.....	.....	12	.....	170	.....	18
5,557	5,304	65,636	.....	3,377	30,680	175,341	441	333,189	157,407	2	.....	.....	.....	.....	2	.....	19
1,850	306	19,090	300	1,990	204	13,196	797	54,412	40,419	15	.....	.....	5	.....	10	.....	20
12,900	7,106	77,298	.....	11,250	4,540	161,578	3,367	318,806	153,861	62	.....	.....	.....	.....	62	.....	21
5,277	8,796	44,597	810	1,434	177	310,340	726	444,434	133,368	27	.....	.....	27	.....	.....	.....	22
25,520	6,414	44,483	.....	7,120	1,644	173,420	2,602	295,484	119,462	78	.....	.....	27	.....	51	.....	23
2,165,196	1,526,936	9,098,622	69,901	342,232	4,255,521	63,919,912	1,042,744	94,498,546	29,535,890	19,705	10,213	50	532	.....	8,910	3,430	24

Iron and steel, welding..... 3
Jewelry..... 8
Lard..... 1
Liquors, malt..... 2
Looking-glass and picture frames.... 1
Lubricating greases..... 2
Lumber and timber products..... 1
Millinery and lace goods, not elsewhere specified..... 10
Mirrors, framed and unframed, not elsewhere specified..... 1
Mucilage, paste, and other adhesives, not elsewhere specified..... 2
Musical instruments and materials, not elsewhere specified..... 2
Oil, not elsewhere specified..... 3
Optical goods..... 3
Paints..... 10
Paper goods, not elsewhere specified. 1
Peanuts, grading, roasting, cleaning, and shelling..... 1
Pens, fountain and stylographic..... 1
Perfumery and cosmetics..... 4
Petroleum, refining..... 1
Phonographs and graphophones..... 1
Photographic apparatus..... 1
Photographic materials..... 2
Pickles, preserves, and sauces..... 1
Plumbers' supplies, not elsewhere specified..... 3
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments..... 1
Printing and publishing, music..... 2
Printing materials..... 2
Refrigerators..... 2
Regalia, and society badges and emblems..... 2
Roofing materials..... 2
Rubber tires, tubes, and rubber goods, not elsewhere specified.... 1
Saddlery and harness..... 4
Safes and vaults..... 2
Shirts..... 2
Show cases..... 3
Soap..... 1
Sporting and athletic goods..... 1
Springs, steel, car and carriage, not made in steel works or rolling mills. 1
Stamped ware, not elsewhere specified..... 2
Stationery goods, not elsewhere specified..... 1
Statuary and art goods..... 2
Steam fittings and steam and hot-water heating apparatus..... 1
Steam packing..... 1
Steel barrels, drums, and tanks..... 2
Stereotyping and electrotyping..... 2
Stoves and hot-air furnaces..... 3
Surgical appliances..... 3
Suspenders, garters, and elastic woven goods..... 1
Theatrical scenery..... 1
Tinware, not elsewhere specified... 4
Tools, not elsewhere specified..... 3
Umbrellas and canes..... 1
Upholstering materials, not elsewhere specified..... 1
Varnishes..... 1
Vinegar and cider..... 3
Window and door screens and weather strips..... 3
Wire..... 1
Wood preserving..... 1
Wood, turned and carved..... 1

1,180,121	1,106,514	5,577,876	54,793	173,700	1,454,548	32,445,427	906,065	50,697,198	17,345,706	13,591	4,768	395	234	.....	8,194	677	1
.....	.....	29,761	.....	1,096	247	37,064	1,035	78,713	40,614	35	.....	.....	.....	.....	35	.....	2
13,200	1,200	65,334	280	8,343	736	37,704	2,578	164,939	124,657	41	.....	.....	.....	.....	41	.....	3
51,181	28,091	342,837	.....	12,648	12,342	1,457,075	9,753	2,020,617	553,789	358	100	.....	.....	.....	258	.....	4
8,682	40,377	114,552	50	7,052	15,068	582,739	21,432	912,518	308,347	152	5	.....	.....	.....	147	.....	5
18,522	17,786	195,604	.....	3,920	68,590	939,378	6,553	1,565,460	619,529	109	.....	.....	.....	.....	109	.....	6
99,793	388,684	621,020	.....	16,300	556,954	2,695,307	44,894	5,550,754	2,810,553	908	603	.....	.....	.....	305	212	7
3,491	711	26,563	2,242	1,582	402	81,825	574	113,976	31,577	57	.....	.....	22	.....	35	.....	8
14,565	2,416	62,764	.....	2,229	1,133	123,829	910	226,788	102,049	3	.....	.....	.....	.....	3	.....	9
126,389	111,375	585,762	.....	1,080	98,439	15,503,014	176,828	19,106,339	3,426,997	4,353	125	.....	.....	.....	4,228	.....	10
53,085	21,285	238,318	635	20,412	23,611	231,981	21,294	709,556	456,281	382	.....	.....	42	.....	340	.....	11
24,400	21,112	95,113	6,000	8,502	7,843	185,752	3,831	432,493	242,910	280	.....	.....	50	.....	230	.....	12
49,685	40,660	197,445	.....	12,065	14,497	257,864	7,151	761,536	496,521	113	.....	.....	.....	.....	113	.....	13

[3] Same number reported for one or more other months.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
	ST. JOSEPH—Continued.															Dollars.
1	Printing and publishing, newspapers and periodicals.	13	297	7	29	54	40	167	.....	.....	189	153	28	7	1	429,352
2	Printing, publishing, and job printing.	6	289	3	27	54	39	166	De 186	Ja 154	188	152	28	7	1	426,027
3	Publishing without printing	7	8	4	2	.....	1	1	(3) 1	(3) 1	1	1	.....	.....	.....	3,325
4	Saddlery and harness	7	152	4	14	10	3	121	No 134	Ja 105	130	123	6	1	.....	505,203
5	Tobacco, cigars	6	31	6	3	.....	.....	22	De 4 23	Mh 4 21	5	2	3	.....	.....	41,025
6	All other industries*	83	3,327	41	213	199	105	2,769	.....	.....	3,039	1,987	1,044	5	3	9,826,549

*All other industries embrace—
Awnings, tents, and sails 2
Bookbinding and blank-book making 1
Boxes, paper, shipping containers and set-up paper boxes 2
Boxes, wooden packing, except cigar boxes 2
Brick, building 2
Brooms, from broom corn 2
Butter 3
Carpets, rag 1
Carriages and wagons, including repairs 2
Cars and general shop construction and repairs by electric-railroad companies 1
Cars and general shop construction and repairs by steam-railroad companies 2
Cars, steam-railroad, not including operations of railroad companies 1
Coffee, roasting and grinding 4
Coffins, burial cases, and undertakers' goods 1
Druggists' preparations 4
Fertilizers 1
Food preparations, not elsewhere specified 4
Fur goods 1
Furniture, wood, other than rattan and willow, and store and office fixtures 2
Gas, illuminating and heating 1

1	ST. LOUIS—All industries	3,205	135,425	2,204	6,394	13,017	5,891	107,919	De 116,033	Mh 101,948	118,062	84,080	32,452	793	731	575,937,752
2	Artificial limbs	5	36	3	4	6	7	16	(3) 16	(3) 16	16	15	1	.....	.....	37,297
3	Automobile bodies and parts	45	1,432	29	91	168	24	1,120	De 1,338	Fe 894	1,339	1,312	19	2	6	2,592,558
4	Automobile repairing	117	684	118	49	34	28	455	Se 4 484	Ja 400	477	474	2	1	.....	1,165,470
5	Awnings, tents, and sails	12	290	3	31	29	10	217	Oc 273	Ja 164	258	66	190	1	1	1,020,883
6	Bags, other than paper, not including bags made in textile mills.	7	1,599	4	37	147	103	1,308	No 1,438	Mh 1,172	1,381	426	917	4	34	12,596,053
7	Blacking, stains, and dressings	10	53	13	3	5	4	28	Au 39	Ja 6	36	13	21	1	1	113,065
8	Bookbinding and blank-book making	27	574	31	30	14	13	486	Oc 4 516	Fe 454	563	235	298	15	15	672,189
9	Boot and shoe cut stock	7	1,898	3	84	48	170	1,593	No 1,850	Ja 1,303	1,727	1,248	463	13	3	12,582,161
10	Boots and shoes, not including rubber boots and shoes.	27	11,662	2	249	1,107	525	9,779	De 10,323	Ja 9,060	10,372	5,836	4,390	80	66	31,105,951
11	Boxes, paper and other, not elsewhere specified.	33	2,318	8	112	109	73	2,016	No 2,252	Ja 1,831	2,189	887	1,243	9	50	3,817,386
12	Boxes, wooden packing, except cigar boxes.	21	1,405	8	65	31	19	1,282	Ja 1,410	Se 1,150	1,280	1,112	141	27	.....	3,662,108
13	Brass and bronze products	16	681	11	37	45	6	582	De 668	My 529	665	645	13	6	1	2,348,473
14	Bread and other bakery products	458	3,628	461	117	234	143	2,673	No 2,843	Ja 2,505	2,848	1,816	946	22	64	7,885,656
15	Brick and tile, terra-cotta, and fire-clay products.	14	2,411	.....	67	123	44	2,177	Oc 2,765	Mh 1,380	2,376	2,367	9	.....	.....	11,613,797
16	Brooms	15	154	12	7	7	5	123	De 137	Ja 114	140	138	1	1	.....	80,277
17	Carriages and wagons, including repairs.	45	713	48	17	25	10	613	.....	.....	642	637	5	.....	.....	2,032,445
18	Carriages and wagons	21	603	15	17	24	10	537	No 579	Fe 497	564	559	5	.....	.....	1,938,090
19	Repair work only	24	110	33	.....	1	.....	76	De 78	Ap 73	78	78	.....	.....	.....	94,355
20	Cars and general shop construction and repairs by steam-railroad companies.	11	2,569	.....	86	73	12	2,398	No 2,603	Ap 2,248	2,563	2,547	16	.....	.....	2,087,745
21	Chemicals	13	1,523	5	85	188	163	1,082	No 1,100	Mh 1,052	1,078	858	214	4	2	7,427,746
22	Cleansing and polishing preparations.	19	96	8	16	16	10	46	.....	.....	43	27	15	.....	1	135,145
23	Cleansing preparations	12	68	4	13	10	7	34	Mh 54	De 26	30	21	9	.....	.....	94,267
24	Metal polish and all other polishing preparations.	7	28	4	3	6	3	12	Oc 16	Ja 7	13	6	6	.....	1	40,878
25	Clothing, men's	72	4,922	62	164	440	177	4,079	.....	.....	4,621	1,097	3,473	5	46	13,822,493
26	Regular factory products	43	4,582	24	163	439	176	3,780	.....	.....	4,298	964	3,283	5	46	13,759,619
27	Men's, youths', and boys'	29	3,159	19	132	370	122	2,516	De 2,869	Ap 2,065	2,884	744	2,114	3	23	10,259,713
28	All other	14	1,423	5	31	69	54	1,264	No 1,420	My 1,126	1,414	220	1,169	2	23	3,499,906
29	Contract work	29	340	38	1	1	1	299	.....	.....	323	133	190	.....	.....	62,874
30	Men's and youths'	24	251	29	1	1	1	219	Se 237	Oc 192	234	91	143	.....	.....	30,438
31	All other	5	89	9	.....	.....	.....	80	Se 102	De 64	89	42	47	.....	.....	32,436
32	Clothing, women's	102	3,784	72	200	281	126	3,105	.....	.....	3,251	603	2,617	3	28	6,201,422
33	Suits, skirts, and cloaks	47	1,642	35	105	135	65	1,302	Au 1,475	Ja 1,070	1,397	432	965	.....	.....	3,186,402
34	Shirt waists and dresses, except house dresses.	24	817	13	46	76	21	661	Se 732	Ja 567	655	70	578	1	6	1,155,080
35	Undergarments and petticoats	10	649	7	18	35	24	565	De 593	Ja 539	595	47	532	1	15	1,079,266
36	Wrappers and house dresses	9	430	7	20	21	12	370	No 393	Mh 346	389	37	347	1	4	498,291
37	All other	12	246	10	11	14	4	207	Ap 221	Je 158	215	17	195	.....	3	282,383
38	Coffee, roasting and grinding	21	1,083	7	84	379	113	500	De 524	Fe 477	512	318	186	.....	8	8,437,384
39	Coffins, burial cases, and undertakers' goods.	8	663	1	38	80	19	525	Fe 561	My 500	511	400	110	1	.....	2,227,612
40	Confectionery and ice cream	89	2,540	100	112	172	60	2,096	.....	.....	2,301	971	1,311	2	17	6,645,800
41	Confectionery	68	2,156	82	74	149	46	1,805	No 2,090	Jy 1,597	2,044	724	1,301	2	17	4,797,639
42	Ice cream	21	384	18	38	23	14	291	Jy 352	Fe 248	257	247	10	.....	.....	1,848,161
43	Cooperage	13	614	4	38	16	8	548	No 573	Jy 527	578	541	10	27	.....	1,536,504
44	Copper, tin, and sheet-iron work	115	782	108	61	29	21	563	Oc 668	Ja 471	650	636	2	12	.....	2,451,444
45	Dental goods	5	48	4	7	4	4	29	(3) 29	(3) 29	29	26	3	.....	.....	69,006
46	Druggists' preparations	12	782	5	62	123	60	532	Fe 549	Jy 499	533	287	244	1	1	2,625,892
47	Electrical machinery, apparatus, and supplies.	30	4,432	2	202	472	279	3,477	De 4,023	Ja 4 3,254	3,839	2,503	1,267	25	44	10,732,392
48	Electroplating	12	108	11	11	2	.....	84	De 102	Ja 65	101	96	2	3	.....	105,496
49	Engraving and diesinking	5	9	6	.....	2	.....	1	(3) 1	(3) 1	1	1	.....	.....	.....	6,375

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.						Electric horsepower generated in establishments reporting.	
										Total.	Owned.				Rented.[2]		
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.				Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]			
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
78,856	90,358	117,270	25,257	5,052	60,640	193,628	9,629	893,733	690,476	200	.....	.....	.....	.....	200	.....	1
76,536	89,878	115,710	1,662	5,030	60,615	192,610	9,629	868,335	666,096	200	.....	.....	.....	.....	200	.....	2
2,320	480	1,560	23,595	622	25	1,018	.....	25,398	24,380	.....	.....	.....	.....	.....	.....	.....	3
29,137	19,024	146,005	.....	2,840	9,872	784,530	3,914	1,136,015	347,571	60	.....	.....	.....	.....	60	.....	4
4,550	.....	21,172	.....	1,518	9,940	35,091	337	88,026	52,598	2	.....	.....	.....	.....	2	.....	5
604,585	323,435	2,718,356	20,329	68,461	574,234	9,298,646	595,352	16,935,235	7,041,237	6,538	3,935	395	120	.....	2,088	455	6
22,838,459	27,154,211	108,557,326	2,490,668	3,674,398	43,006,053	529,748,948	11,077,399	871,700,438	330,874,091	195,697	105,329	6,885	4,387	100	78,996	57,419	1
7,830	14,070	23,513	.....	3,096	401	20,312	979	108,178	86,887	18	.....	.....	.....	.....	18	.....	2
257,409	161,264	1,123,953	6,926	61,068	178,367	4,380,253	38,493	8,326,287	3,907,541	1,664	488	.....	16	.....	1,160	.....	3
90,660	46,881	557,010	42,335	77,923	9,393	565,924	27,193	1,788,894	1,195,777	429	.....	.....	21	.....	408	.....	4
107,491	46,271	205,090	.....	29,847	52,236	2,489,865	7,122	3,315,234	818,247	125	.....	.....	.....	.....	125	.....	5
289,217	334,637	936,368	.....	41,078	680,742	24,313,626	31,905	27,970,073	3,624,542	854	470	.....	.....	.....	384	375	6
7,650	7,939	21,007	.....	2,236	955	120,172	1,419	281,096	159,505	84	60	.....	.....	.....	24	.....	7
57,688	27,405	387,378	2,362	23,578	6,623	360,917	12,794	1,160,813	787,102	227	.....	.....	.....	.....	227	.....	8
195,967	193,196	1,565,344	.....	11,940	109,676	26,181,553	294,230	28,696,415	2,220,632	1,309	310	.....	.....	.....	999	162	9
777,357	2,820,272	8,496,113	1,040	24,300	1,562,630	38,441,592	1,112,056	59,857,853	20,304,205	4,737	2,465	.....	.....	.....	2,272	1,633	10
445,492	265,892	1,301,986	737	84,146	205,411	4,346,847	203,957	8,010,943	3,460,139	1,314	145	.....	20	.....	1,149	66	11
226,395	79,431	1,077,154	.....	44,473	278,888	2,800,226	48,952	5,002,785	2,153,607	4,514	2,255	.....	5	.....	2,254	7	12
174,395	119,663	634,220	4,488	6,355	248,626	5,675,771	103,044	8,051,089	2,272 274	840	.....	.....	.....	.....	840	.....	13
326,125	562,116	2,809,989	538	213,836	303,940	12,457,059	334,199	21,047,650	8,256,392	2,661	753	.....	.....	.....	1,908	307	14
263,046	239,432	2,370,821	.....	8,061	153,440	1,278,453	630,178	5,950,295	4,041,664	5,982	4,702	.....	60	.....	1,220	1,435	15
7,063	7,880	79,683	.....	3,443	1,437	160,878	1,643	270,021	107,500	43	.....	.....	.....	.....	43	.....	16
125,668	45,480	678,173	9,232	28,402	65,121	1,886,825	21,472	3,217,189	1,308,892	953	275	.....	.....	.....	678	.....	17
125,668	45,224	548,132	7,973	20,263	63,617	1,806,037	15,596	2,941,631	1,119,998	824	275	.....	.....	.....	549	.....	18
.....	256	130,041	1,259	8,139	1,504	80,788	5,876	275,558	188,894	129	.....	.....	.....	.....	129	.....	19
222,694	99,989	3,604,058	.....	.....	13,338	1,343,717	77,240	5,356,978	3,986,021	1,175	394	.....	.....	.....	781	25	20
297,483	405,595	1,040,832	.....	36,960	1,036,301	6,781,936	213,035	11,978,475	4,983,504	3,588	1,652	.....	.....	.....	1,936	1,000	21
40,782	37,887	102,193	816	10,620	4,736	315,941	3,613	550,827	231,273	70	.....	.....	.....	.....	70	.....	22
34,502	23,166	27,870	36	6,918	4,170	265,612	3,263	426,714	157,839	65	.....	.....	.....	.....	65	.....	23
6,280	14,721	74,323	780	3,702	566	50,329	350	124,113	73,434	5	.....	.....	.....	.....	5	.....	24
785,136	1,062,174	3,222,114	254,750	161,907	997,771	12,241,217	72,630	21,135,292	8,821,445	1,401	516	.....	.....	.....	885	292	25
781,236	1,060,974	2,945,692	246,739	150,682	997,543	12,216,408	67,784	20,713,017	8,428,825	1,344	516	.....	.....	.....	828	292	26
654,944	887,492	1,957,052	245,268	104,821	669,633	8,029,021	37,572	14,191,025	6,124,432	816	350	.....	.....	.....	466	100	27
126,292	173,482	988,640	1,471	45,861	327,910	4,187,387	30,212	6,521,992	2,304,393	528	166	.....	.....	.....	362	192	28
3,900	1,200	276,422	8,011	11,225	228	24,809	4,846	422,275	392,620	57	.....	.....	.....	.....	57	.....	29
3,900	1,200	201,474	8,011	8,221	159	8,764	2,691	299,854	288,399	38	.....	.....	.....	.....	38	.....	30
.....	.....	74,948	.....	3,004	69	16,045	2,155	122,421	104,221	19	.....	.....	.....	.....	19	.....	31
775,683	542,464	2,762,480	20,594	142,621	155,204	10,827,347	43,242	17,415,571	6,544,982	481	.....	.....	.....	.....	481	.....	32
418,956	233,591	1,441,788	.....	71,534	59,547	5,371,260	19,286	8,569,405	3,178,859	184	.....	.....	.....	.....	184	.....	33
146,387	162,786	527,267	8,166	29,129	13,212	2,023,978	8,725	3,427,949	1,395,246	79	.....	.....	.....	.....	79	.....	34
70,532	81,048	386,934	11,207	22,181	44,694	1,963,665	6,419	2,959,610	989,526	103	.....	.....	.....	.....	103	.....	35
90,588	41,138	267,621	1,221	10,940	23,757	1,015,531	3,785	1,648,008	628,692	58	.....	.....	.....	.....	58	.....	36
49,220	23,901	138,870	.....	8,837	13,994	452,913	5,027	810,599	352,659	57	.....	.....	.....	.....	57	.....	37
384,186	785,160	340,969	356	87,374	394,523	16,732,220	72,317	21,956,572	5,152,035	2,022	50	.....	.....	.....	1,972	.....	38
130,545	214,003	511,324	.....	22,338	96,938	1,457,029	15,470	2,762,574	1,290,075	1,018	710	.....	.....	.....	308	118	39
343,502	484,286	1,637,619	313	158,985	960,756	7,292,116	143,364	13,432,819	5,997,339	2,690	1,330	.....	.....	.....	1,360	940	40
237,389	432,578	1,242,293	.....	134,245	939,228	5,539,760	86,344	10,424,005	4,797,901	1,722	860	.....	.....	.....	862	703	41
106,113	51,708	395,326	313	24,740	21,528	1,752,356	57,020	3,008,814	1,199,438	968	470	.....	.....	.....	498	246	42
187,231	43,251	703,998	.....	10,714	185,393	2,453,272	16,906	4,096,704	1,626,526	1,160	935	.....	.....	.....	225	45	43
266,518	63,079	667,814	3,010	46,812	69,624	1,849,271	23,949	3,602,110	1,728,890	570	50	.....	.....	.....	520	.....	44
26,909	9,258	40,379	.....	3,860	1,511	178,437	713	324,653	145,503	10	.....	.....	.....	.....	10	.....	45
137,603	272,597	255,419	.....	14,068	78,252	1,689,538	16,649	3,526,348	1,820,161	930	870	.....	.....	.....	60	345	46
768,301	733,902	2,848,524	4,471	98,679	857,671	6,111,683	151,660	14,847,552	8,584,209	3,100	.....	.....	.....	.....	3,100	.....	47
25,356	2,016	102,269	.....	6,576	711	73,188	6,825	251,533	171,520	164	.....	.....	.....	.....	164	.....	48
.....	524	1,128	.....	91,356	164	824	85	17,703	16,794	5	.....	.....	.....	.....	5	.....	49

Glass, cutting, staining, and ornamenting 1
Hand stamps 1
Hats and caps, other than felt, straw, and wool 3
Ice, manufactured 2
Iron and steel, welding 1
Jewelry 2
Liquors, malt 2
Marble and stone work 1
Mattresses and spring beds, not elsewhere specified 2
Millinery, trimmed hats and hat frames 2
Mineral and soda waters 3
Mirrors, framed and unframed, not elsewhere specified 1
Musical instruments and materials, not elsewhere specified 1
Patent medicines and compounds 3
Paving materials 1
Photo-engraving 1
Pickles and sauces 1
Shirts 3
Signs 1
Slaughtering and meat packing 1
Stationery goods, not elsewhere specified 1
Structural ironwork, not made in steel works or rolling mills 3
Trunks and valises 2
Vinegar and cider 2
Washing machines and clothes wringers 1
Wirework, not elsewhere specified 1
Wood, turned and carved 1

[3] Same number reported throughout the year.
[4] Same number reported for one or more other months.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
	ST. LOUIS—Continued.															*Dollars.*
1	Engraving, steel and copper plate, including plate printing.	8	94	8	5	2	2	77	De 92	Ap [3] 72	89	42	42	1	4	86,777
2	Envelopes	4	346	.....	15	13	18	300	De 333	Fe 273	333	129	191	2	11	873,263
3	Flour-mill and gristmill products	8	375	1	38	47	23	266	Au 288	Mh [3] 253	267	267	.....	.....	.....	6,164,630
4	Food preparations, not elsewhere specified.	42	1,494	22	69	244	178	981	My 1,272	Au 613	1,245	504	728	9	4	4,498,892
5	Foundry and machine-shop products	146	7,528	67	434	694	236	6,097	.....	.....	7,115	6,969	113	24	9	24,783,065
6	Boiler shops	9	611	2	35	36	19	519	Ja 587	My 479	549	549	.....	.....	.....	1,938,240
7	Foundries	14	1,595	1	68	50	14	1,462	De 1,746	Mh 1,248	1,746	1,734	.....	12	.....	4,038,862
8	Machine shops	118	4,818	61	308	540	190	3,719	No 4,873	Ja 2,836	4,464	4,334	113	8	9	15,856,260
9	Machine shop and foundry combined.	5	504	3	23	68	13	397	Ja 530	My 246	356	352	.....	4	.....	2,949,703
10	Fur goods	6	76	4	6	3	12	51	No 69	Ap 37	66	23	41	1	1	383,112
11	Furnishing goods, men's	9	420	6	18	59	22	315	No 407	Fe 255	400	46	337	6	11	1,141,789
12	Furniture	59	3,469	18	204	253	98	2,896	.....	.....	4,110	3,832	255	18	5	8,603,432
13	Wood furniture, other than rattan and willow.	36	1,588	9	94	65	27	1,393	De 1,488	Fe 1,306	1,487	1,353	126	8	.....	3,247,716
14	Metal furniture, and store and office fixtures.	23	1,881	9	110	188	71	1,503	De 1,628	Ja 1,372	2,623	2,479	129	10	5	5,355,716
15	Grease and tallow, not including lubricating greases.	4	73	3	3	1	1	65	Ja 78	Oc [3] 56	59	59	.....	.....	.....	163,637
16	Hats and caps, other than felt, straw, and wool.	17	427	18	31	54	40	284	No 343	Fe 253	339	114	221	1	3	681,288
17	House-furnishing goods, not elsewhere specified.	6	34	6	3	2	3	20	Oc [3] 24	Ja [3] 16	26	17	9	.....	.....	72,995
18	Ice, manufactured	8	330	1	33	16	3	277	Au 329	De 229	279	279	.....	.....	.....	5,652,780
19	Iron and steel, tempering and welding	9	75	7	8	11	4	45	Oc 48	De [3] 43	43	42	.....	1	.....	101,962
20	Jewelry	19	357	22	19	19	22	275	De 288	Jy 267	292	238	40	12	2	542,010
21	Leather goods, not elsewhere specified	8	126	4	13	11	5	93	No 103	My 83	101	51	47	2	1	299,995
22	Liquors, malt	7	3,136	.....	82	444	36	2,574	Au 3,000	No 2,092	2,827	2,769	58	.....	.....	41,525,120
23	Lithographing	11	278	8	20	47	16	187	De 195	Ja 176	176	134	33	6	3	694,737
24	Lumber, planing-mill products, not including planing mills connected with sawmills.	43	2,217	19	111	93	34	1,960	Jy 2,083	Fe 1,741	2,086	2,005	61	16	4	5,881,831
25	Marble and stone work	35	350	24	53	20	9	244	De [3] 312	Jy 167	109	108	1	.....	.....	1,069,608
26	Mattresses and spring beds, not elsewhere specified.	11	179	3	17	21	6	132	Oc 141	Ja 118	139	116	23	.....	...	439,426
27	Millinery and lace goods, not elsewhere specified.	30	1,520	15	80	77	79	1,269	Mh 1,366	Je 1,076	1,387	208	1,138	8	33	1,874,319
28	Mineral and carbonated waters	39	314	34	31	57	18	174	Au 234	Ja 136	161	154	7	.....	.....	698,888
29	Minerals and earths, ground or otherwise treated.	5	172	3	8	4	1	156	No 218	Ap 121	151	147	4	.....	.....	841,954
30	Models and patterns, not including paper patterns.	20	186	22	7	11	3	143	No 154	Ja 135	153	153	.....	.....	.....	167,484
31	Oleomargarine and other butter substitutes.	4	296	.....	11	67	21	197	No 229	Je 173	209	142	67	.....	.....	1,421,256
32	Paints	18	796	3	56	147	66	524	Oc 584	Ja 443	557	504	53	.....	.....	4,326,484
33	Patent medicines and compounds	95	1,675	49	164	316	211	935	.....	.....	998	353	608	12	25	6,887,278
34	Patent and proprietary medicines	71	1,472	31	138	256	183	864	No 926	Jy 781	915	299	579	12	25	6,397,319
35	Patent and proprietary compounds, not elsewhere specified.	24	203	18	26	60	28	71	De 82	Je 63	83	54	29	.....	.....	489,959
36	Paving materials	9	213	1	23	12	.....	177	Au [3] 249	Ja 87	189	189	.....	.....	.....	358,197
37	Perfumery and cosmetics	18	275	12	17	30	118	98	No 103	Au 87	100	24	76	.....	.....	1,065,194
38	Photo-engraving	13	219	4	28	23	10	154	No 172	Ja 132	174	153	3	16	2	333,409
39	Pickles, preserves, and sauces	7	444	2	15	58	31	338	Je 412	Fe 290	350	144	204	.....	2	2,441,439
40	Printing and publishing, book and job	235	4,988	175	328	569	274	3,642	.....	.....	4,058	2,703	1,243	93	19	9,433,066
41	Job printing	212	4,689	161	294	474	215	3,545	De 3,957	Ja 3,329	3,963	2,635	1,222	91	15	9,166,203
42	Book publishing, with and without printing.	16	231	7	31	93	56	44	Ap [3] 60	No [3] 11	35	14	17	.....	4	160,810
43	Linotype work and typesetting	7	68	7	3	2	3	53	De 58	Je 49	60	54	4	2	.....	106,053
44	Printing and publishing, newspapers and periodicals.	112	2,910	46	225	775	382	1,482	.....	.....	1,551	1,376	145	19	11	7,051,581
45	Printing and publishing	13	1,744	1	112	494	180	957	De 1,062	Ja 875	1,013	960	39	7	7	4,398,907
46	Printing, publishing, and job printing.	23	865	9	47	186	114	509	No 547	Ja 463	522	409	98	11	4	2,080,213
47	Publishing without printing	76	301	36	66	95	88	16	(4) 16	(4) 16	16	7	8	1	.....	572,461
48	Saddlery and harness	18	655	12	35	96	30	482	De 541	Ap 413	546	464	79	3	.....	1,878,139
49	Sausage, not made in slaughtering and meat-packing establishments.	7	28	8	2	3	1	14	No [3] 15	Jy [3] 13	15	13	1	1	.....	34,712
50	Shirts	11	2,224	2	38	143	79	1,962	De 2,184	Ap 1,866	2,184	99	2,024	1	60	3,763,304
51	Show cases	5	277	4	18	14	9	232	Je 271	Ja 187	234	234	.....	.....	.....	623,062
52	Signs and advertising novelties	8	247	2	20	10	1	214	No 268	Fe 169	219	178	38	3	.....	364,296
53	Slaughtering and meat packing	38	3,756	23	181	550	136	2,866	Ja 3,232	Ap 2,683	2,915	2,737	172	6	.....	77,501,624
54	Stoves and hot-air furnaces	13	2,403	.....	91	255	46	2,011	De 2,306	Ja 1,668	2,284	2,267	15	2	.....	10,669,167
55	Structural ironwork, not made in steel works or rolling mills.	23	980	7	66	96	19	792	De 895	My 719	888	888	.....	.....	.....	3,492,119
56	Surgical appliances	13	160	8	16	10	51	75	Je [3] 79	Ja [3] 69	76	35	40	1	.....	457,167
57	Tinware, not elsewhere specified	5	985	.....	41	30	17	897	De 1,018	Mh 830	1,024	652	351	14	7	2,519,717
58	Tobacco manufactures	168	3,868	167	94	476	7	3,124	Ja 3,587	Mh 2,591	3,318	1,701	1,557	12	48	12,446,811
59	Tools, not elsewhere specified	13	426	11	24	15	23	353	De 453	Je 296	346	331	8	7	.....	1,226,235
60	Trunks and valises	8	854	1	32	58	20	743	Oc 819	Ja 669	781	667	109	4	1	1,773,321
61	Vinegar and cider	4	32	1	6	3	2	20	Oc 32	Ja [3] 17	19	19	.....	.....	.....	110,487

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

EXPENSES.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
22,909	3,082	66,379	2,100	4,876	763	56,442	851	188,695	131,402	30	.....	.....	.....	.....	30	.....	1
53,530	117,625	211,836	.....	21,455	30,820	584,282	8,601	1,307,650	714,767	394	245	.....	.....	.....	149	150	2
156,955	86,303	310,426	.....	6,120	36,689	11,400,135	52,280	12,928,163	1,415,748	2,105	1,710	.....	.....	.....	395	20	3
239,182	309,441	635,288	.....	66,860	208,319	12,335,827	79,368	15,239,112	2,823,917	2,280	1,169	.....	25	.....	1,086	318	4
1,574,595	1,368,172	7,491,627	14,324	160,253	1,349,740	11,639,515	588,318	31,309,271	19,081,438	11,595	2,210	1,650	54	.....	7,681	1,055	5
153,538	100,278	577,204	.....	20,022	377,537	1,182,173	32,520	2,924,409	1,709,716	1,214	190	.....	.....	.....	1,024	.....	6
289,712	78,100	2,059,121	11,655	9,628	409,554	2,355,668	332,479	6,395,372	3,707,225	2,278	520	.....	.....	.....	1,758	244	7
1,059,336	1,091,533	4,396,836	2,669	120,355	512,296	7,365,828	168,732	19,850,703	12,316,143	5,088	1,500	.....	47	.....	3,541	811	8
72,009	98,261	458,466	.....	10,248	50,353	735,846	54,587	2,138,787	1,348,354	3,015	.....	1,650	7	.....	1,358	.....	9
22,605	14,730	58,193	.....	13,435	14,015	208,854	1,426	515,968	305,688	28	.....	.....	.....	.....	28	.....	10
96,030	447,253	241,131	500	14,762	16,239	1,591,451	2,760	2,540,769	946,558	40	.....	.....	.....	.....	40	.....	11
601,697	475,529	2,948,981	1,122	94,034	188,435	7,194,392	107,784	13,958,300	6,656,124	5,913	3,755	.....	40	.....	2,118	607	12
260,124	123,487	1,371,169	1,122	61,898	71,138	2,513,680	36,128	5,415,128	2,865,320	2,842	2,505	.....	.....	.....	337	390	13
341,573	352,042	1,577,812	.....	32,136	117,297	4,680,712	71,656	8,543,172	3,790,804	3,071	1,250	.....	40	.....	1,781	217	14
8,180	780	66,220	600	30	1,992	214,616	19,593	360,135	125,926	147	73	.....	.....	.....	74	.....	15
76,463	47,405	253,561	.....	20,546	2,745	880,596	6,218	1,483,510	596,696	43	.....	.....	.....	.....	43	.....	16
4,120	3,850	14,848	.....	1,796	829	107,838	1,827	190,856	81,191	110	.....	.....	.....	.....	110	.....	17
120,682	23,851	398,724	.....	11,084	112,950	168,214	490,741	2,588,112	1,929,157	10,103	7,735	750	.....	.....	1,618	972	18
13,540	17,807	52,419	.....	2,790	959	63,058	2,352	184,607	119,197	41	.....	.....	.....	.....	41	.....	19
58,191	35,533	326,540	5,766	26,322	20,763	528,070	1,255	1,161,027	631,702	102	.....	.....	.....	.....	102	.....	20
39,085	14,720	81,934	.....	6,152	3,374	337,603	5,288	574,996	232,105	419	.....	.....	.....	.....	419	.....	21
438,084	875,428	3,048,600	.....	3,800	4,420,273	2,596,493	479,117	20,591,404	17,515,794	21,187	18,679	550	1,940	.....	18	12,083	22
129,789	106,632	246,912	5,628	18,175	5,714	419,007	6,829	1,084,938	658,202	221	.....	.....	.....	.....	221	.....	23
288,438	118,160	1,898,082	804	54,058	101,698	3,950,750	70,474	7,434,254	3,413,030	6,410	3,576	.....	.....	.....	2,834	250	24
101,339	27,965	357,348	3,972	15,898	10,741	526,344	25,517	1,260,193	717,332	1,081	300	.....	11	.....	770	.....	25
50,374	30,405	139,191	.....	11,380	7,493	554,585	7,057	920,773	359,131	220	.....	.....	.....	.....	220	.....	26
363,795	149,998	854,752	2,395	67,369	54,091	2,605,679	17,431	5,069,774	2,446,664	173	20	.....	.....	.....	153	.....	27
51,963	106,702	168,046	.....	17,070	74,158	742,815	10,226	1,856,905	1,103,864	328	150	.....	.....	.....	178	.....	28
24,921	3,819	160,750	.....	6,547	5,935	362,573	43,053	810,404	404,778	587	280	.....	.....	.....	307	30	29
32,302	8,095	197,712	427	9,775	1,637	76,423	5,429	454,890	373,038	123	.....	.....	.....	.....	123	.....	30
57,936	135,018	150,644	10,247	3,000	159,637	3,652,554	34,703	4,414,888	727,631	903	840	.....	.....	.....	63	301	31
233,395	323,188	661,100	200	34,516	143,799	7,256,201	109,167	10,864,510	3,499,142	2,292	1,720	.....	.....	.....	572	944	32
674,739	715,323	782,593	10,342	87,568	1,436,491	4,400,114	33,747	12,575,220	8,141,359	749	265	.....	.....	.....	484	103	33
602,544	604,917	722,093	10,342	74,876	1,423,955	4,082,076	30,552	11,808,666	7,696,038	644	265	.....	.....	.....	379	103	34
72,195	110,406	60,500	.....	12,692	12,536	318,038	3,195	766,554	445,321	105	.....	.....	.....	.....	105	.....	35
42,650	15,620	190,370	.....	5,373	5,942	40,599	44,558	465,607	380,450	1,357	760	.....	.....	.....	597	.....	36
51,999	160,638	59,690	1,284	9,046	27,804	583,460	6,033	1,886,970	1,297,477	103	.....	.....	.....	.....	103	.....	37
94,229	60,048	227,210	.....	17,089	1,834	112,974	5,604	652,236	533,658	109	.....	.....	.....	.....	109	.....	38
60,790	115,971	252,605	.....	7,500	38,876	3,986,918	17,865	4,794,168	589,385	359	.....	.....	.....	.....	359	.....	39
1,135,450	1,051,277	3,958,769	559,769	249,006	423,186	5,512,919	121,347	16,868,498	11,234,232	3,977	820	.....	.....	.....	3,157	150	40
1,055,170	900,150	3,848,456	194,079	234,589	419,091	5,422,989	117,967	15,789,304	10,248,348	3,945	820	.....	.....	.....	3,125	150	41
78,380	149,567	24,798	364,590	11,693	3,556	81,446	471	930,092	848,175	15	.....	.....	.....	.....	15	.....	42
1,900	1,560	85,515	1,100	2,724	539	8,484	2,909	149,102	137,709	17	.....	.....	.....	.....	17	.....	43
1,360,895	1,745,670	1,972,984	535,013	151,674	381,604	5,112,558	85,844	13,832,301	8,633,899	2,774	585	.....	.....	.....	2,189	267	44
1,085,497	1,087,744	1,295,332	42,753	68,620	328,486	3,920,917	65,438	9,331,435	5,345,080	2,124	550	.....	.....	.....	1,574	105	45
124,317	380,507	668,873	30,058	58,454	42,479	1,005,862	20,079	3,047,615	2,021,674	649	35	.....	.....	.....	614	162	46
151,081	277,419	8,779	462,202	24,600	10,639	185,779	327	1,453,251	1,267,145	1	.....	.....	.....	.....	1	.....	47
112,913	169,230	557,323	.....	48,057	96,940	2,543,336	11,005	4,086,496	1,532,155	216	.....	.....	4	.....	212	.....	48
8,400	5,200	18,294	.....	2,073	668	200,817	2,260	263,285	60,208	89	81	.....	.....	.....	8	.....	49
215,185	450,125	1,426,765	8,447	40,086	132,018	5,269,808	28,052	8,686,657	3,388,707	890	660	125	.....	.....	105	469	50
35,640	38,298	244,407	.....	9,990	6,886	445,079	12,720	959,810	502,011	563	.....	.....	.....	.....	563	.....	51
57,431	13,243	172,933	.....	8,730	17,228	321,246	5,658	639,785	312,881	98	.....	.....	2	.....	96	.....	52
523,419	1,067,920	3,670,295	45,583	24,521	133,110	87,195,782	409,711	96,044,220	8,438,727	8,164	7,430	345	.....	.....	389	3,072	53
419,910	702,808	2,381,935	26,223	18,804	516,905	5,391,045	90,559	13,569,872	8,088,268	2,372	1,705	.....	.....	.....	667	1,092	54
241,760	173,520	962,046	7,959	17,083	320,324	1,819,256	51,277	3,745,668	1,875,135	2,677	519	.....	.....	.....	2,158	285	55
60,745	74,412	68,929	745	5,356	17,795	370,734	2,395	983,449	610,320	26	.....	.....	.....	.....	26	.....	56
130,304	72,022	672,339	.....	24,660	192,372	1,846,894	32,107	3,531,417	1,652,416	653	225	.....	.....	.....	428	270	57
231,361	732,417	2,438,340	347	29,096	11,682,690	25,787,944	136,008	45,947,990	20,024,038	2,486	2,235	.....	.....	.....	251	1,638	58
94,017	28,468	415,891	.....	9,855	14,636	444,517	27,496	1,162,944	690,931	549	225	.....	.....	.....	324	.....	59
96,705	146,156	739,409	.....	40,073	180,871	2,074,727	22,025	3,725,246	1,628,494	423	290	.....	.....	.....	133	225	60
21,067	3,142	16,553	240	4,344	7,676	149,319	2,233	356,846	205,294	81	60	.....	.....	.....	21	.....	61

[3] Same number reported for one or more other months.
[4] Same number reported throughout the year.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.		Wage earners. Number, 15th day of— Minimum month.		WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
	ST. LOUIS—Continued.																	Dollars.
1	Window and door screens and weather strips.	6	93	3	10	12	1	67	My	88	Ja	48	66	66	.....	.....	.....	284,102
2	Wirework, including wire rope and cable, not elsewhere specified.	10	1,131	6	27	117	31	950	Mh	1,008	Oc	765	970	890	79	1	.....	5,633,295
3	Wood, turned and carved	5	36	5	3	.....	1	27	De	36	My	21	36	36	.....	.....	.....	17,560
4	All other industries*	399	28,385	188	1,349	2,520	1,199	23,129	.....		.....		25,082	20,677	4,102	226	77	154,142,911

*All other industries embrace—
Aeroplanes, seaplanes, and airships, and parts 1
Aluminum manufactures 4
Artificial flowers 3
Artificial stone products 4
Artists' materials 1
Asbestos products, not including steam packing 1
Automobiles 7
Babbitt metal and solder 2
Baking powders and yeast 1
Baskets, and rattan and willow ware 1
Bells 2
Belting, leather 7
Billiard tables, bowling alleys, and accessories 2
Bluing 3
Boot and shoe findings 11
Boots and shoes, rubber 1
Boxes, cigar 2
Brushes 8
Butter 5
Buttons 1
Canning and preserving, fruits and vegetables 1
Carpets, rag 4
Carriage and wagon materials 2
Cars and general shop construction and repairs by electric-railroad companies 1
Cars, electric-railroad, not including operations of railroad companies 1
Cars, steam-railroad, not including operations of railroad companies 5
Cash registers and calculating machines 6
Chewing gum 1
Cloth, sponging and refinishing 1
Clothing, men's, buttonholes 2
Coal-tar products 4
Cordage and twine 1
Cordials and flavoring sirups 3
Corsets 1
Cotton goods 1
Cutlery and edge tools 2
Dairymen's, poultrymen's, and apiarists' supplies 2
Dyeing and finishing textiles, exclusive of that done in textile mills 2
Emery and other abrasive wheels 1
Enameling 2
Engines, steam, gas, and water 3
Engravers' materials 2
Engraving, wood 6
Fancy articles, not elsewhere specified 5
Feathers and plumes 2
Felt goods 1
Fire extinguishers, chemical 2
Fireworks 1
Flavoring extracts 11
Furs, dressed 1
Gas and electric fixtures 4
Gas, illuminating and heating 1
Glass 2
Glass, cutting, staining, and ornamenting 15
Glue, not elsewhere specified 2
Hair work 3
Hand stamps 3
Hardware 8
Hat and cap materials 3
Hats, fur-felt 4
Hats, straw 9
Ink, writing 2
Instruments, professional and scientific 6
Iron and steel, blast furnaces 1
Iron and steel, steel works and rolling mills 4
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 1
Iron and steel, doors and shutters 2
Iron and steel forgings, not made in steel works or rolling mills 3
Japanning 2

	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																	
1	CAPE GIRARDEAU	50	1,851	49	183	140	52	1,427	Au	1,581	Ja	1,225	1,549	1,095	437	16	1	4,864,128
2	CARTHAGE	49	891	52	257	32	35	515	Oc	548	Ja	494	570	402	144	24	.....	1,883,908
3	COLUMBIA	25	583	20	128	34	22	379	De	421	Mh[3]	345	422	273	148	1	.....	1,752,147
4	HANNIBAL	67	3,253	58	126	168	101	2,800	No	2,892	Ap	2,725	2,908	2,348	533	16	11	6,729,495
5	INDEPENDENCE	21	436	15	117	12	9	283	Au	333	Mh[3]	266	294	264	23	5	2	2,859,705
6	JEFFERSON CITY	42	2,009	28	95	108	65	1,713	No	1,824	Ja	1,518	1,806	1,135	635	28	8	5,683,498
7	JOPLIN	139	2,496	138	140	290	118	1,810	De	2,064	Fe	1,582	2,088	1,466	618	3	1	10,113,614
8	MOBERLY	25	762	19	40	96	37	570	Jy	650	Fe	438	590	355	199	32	4	2,460,825
9	SEDALIA	66	1,389	54	57	75	40	1,163	No	1,295	Mh	1,035	1,315	1,023	280	12	.....	2,851,126
10	SPRINGFIELD	107	3,486	82	168	225	101	2,910	De	3,191	Ja	2,521	3,239	2,469	758	7	5	12,856,574

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
24,000	10,880	45,204	.....	780	4,215	82,507	3,493	301,693	215,693	237	100	.....	6	100	31	52	1
259,507	234,040	674,146	.....	4,368	1,190,638	4,566,634	37,127	7,438,233	2,834,472	1,648	350	.....	.....	.....	1,298	250	2
4,370	720	19,927	.....	2,143	202	22,530	2,032	67,431	42,869	112	.....	.....	.....	.....	112	.....	3
4,219,346	4,787,558	25,438,203	894,663	608,068	10,490,555	106,524,005	3,981,244	185,500,766	74,995,517	53,972	28,127	3,465	2,183	.....	20,197	25,967	4

Jewelry and instrument cases	3	Optical goods	4	Saws	1	Suspenders, garters, and elastic woven goods	1
Jute goods	1	Paper goods, not elsewhere specified	2	Scales and balances	4	Theatrical scenery	1
Labels and tags	6	Peanuts, grading, roasting, cleaning, and shelling	2	Screws, machine	1	Tin foil and other foils, not elsewhere specified	1
Lamps and reflectors	1	Pencils, lead	1	Sewing machines and attachments	2	Toys and games	5
Lapidary work	1	Phonographs and graphophones	1	Shipbuilding, steel	1	Type founding	1
Lasts	2	Photographic apparatus	4	Shipbuilding, wooden, including boat building	2	Umbrellas and canes	3
Lead, bar, pipe, and sheet	1	Photographic materials	3	Soap	6	Varnishes	5
Leather, tanned, curried, and finished	6	Plumbers' supplies, not elsewhere specified	2	Soda-water apparatus	1	Vault lights and ventilators	1
Looking-glass and picture frames	6	Pocketbooks	1	Sporting and athletic goods	2	Wall plaster and composition flooring	1
Lumber and timber products	3	Pottery	1	Springs, steel, car and carriage, not made in steel works or rolling mills	2	Washing machines and clothes wringers	2
Machine tools	4	Printing and publishing, music	5	Stamped ware, not elsewhere specified	5	Waste	1
Mirrors, framed and unframed, not elsewhere specified	6	Printing materials	2	Stationery goods, not elsewhere specified	2	Whips	1
Mucilage, paste, and other adhesives, not elsewhere specified	4	Pumps, not including power pumps	3	Statuary and art goods	7	Window shades and fixtures	3
Musical instruments and materials, not elsewhere specified	1	Pumps, steam and other power	3	Steam fittings and steam and hot-water heating apparatus	5	Wooden goods, not elsewhere specified	4
Musical instruments, organs	2	Refrigerators	5	Stencils and brands	1		
Needles, pins, and hooks and eyes	1	Regalia, and society badges and emblems	4	Stereotyping and electrotyping	3		
Nets and seines	1	Roofing materials	2	Stoves, gas and oil	4		
Oil, not elsewhere specified	2	Rubber tires, tubes, and rubber goods, not elsewhere specified	5				

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

120,505	342,675	1,187,467	600	10,946	199,193	5,620,405	68,198	8,586,593	2,897,990	4,732	1,995	2,256	4	.....	477	365	1
142,627	74,215	439,461	275	16,007	60,576	5,300,856	46,340	6,627,782	1,280,586	1,734	710	.....	57	180	787	.....	2
74,141	70,531	256,663	1,038	10,163	39,354	1,516,677	33,608	2,232,207	681,922	988	675	19	.....	.....	294	225	3
354,398	434,197	2,894,342	415	14,848	254,314	8,282,155	232,655	14,026,833	5,512,023	3,646	2,511	.....	.....	.....	1,135	1,369	4
82,835	36,570	353,249	5,400	5,363	80,053	4,257,897	80,427	5,344,137	1,005,813	1,544	1,265	.....	25	.....	254	.....	5
260,888	263,354	1,232,443	8,331	17,193	103,271	7,231,495	133,210	10,188,406	2,823,701	2,149	1,050	.....	21	.....	1,078	35	6
361,071	484,096	1,580,512	24,112	55,100	323,108	9,275,404	338,671	14,219,935	4,605,860	4,719	1,104	.....	340	.....	3,275	173	7
108,018	190,349	431,413	.....	11,652	59,964	3,158,217	94,497	4,496,894	1,244,180	1,250	800	.....	.....	.....	450	247	8
144,855	188,005	1,328,690	4,456	20,208	76,700	3,366,261	121,697	5,561,865	2,073,907	3,099	1,651	.....	23	.....	1,425	50	9
530,432	345,735	2,960,317	30,257	42,145	287,057	12,216,558	380,126	18,812,549	6,215,865	6,423	2,932	5	126	.....	3,360	967	10

[3] Same number reported for one or more other months.

MONTANA.

GENERAL STATISTICS.

General character of the state.—Montana has a gross area of 146,997 square miles, of which 146,131 represent land surface. The inhabitants of the state in 1900 numbered 243,329; in 1910, 376,053; and in 1920, 548,889. In total population Montana ranked thirty-ninth among the states in 1920. The average number of inhabitants per square mile in 1910 was 2.6, the corresponding figures being 3.8 for 1920.

In 1920 there were six cities in the state—Anaconda, Billings, Butte, Great Falls, Helena, and Missoula—having more than 10,000 inhabitants. The cities, with an aggregate population of 117,205, formed 21.4 per cent of the total population for Montana in that year, and in 1919 reported 15.7 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The large increases in wages, cost of materials, and the value of products, as presented in this table, are principally due to the change in industrial conditions brought about by the World War, and therefore can not properly be used to measure the growth of manufactures during the census period 1914 to 1919. However, the increases in average number of wage earners and horsepower evidence the growth of the manufacturing activities of the state.

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for previous censuses with those for 1919. Separate data for Deer Lodge, Lewis and Clark, and Treasure Counties can not be shown without the possibility of disclosing the operations of individual establishments.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as to their real importance from a manufacturing standpoint. For instance, of the industries shown in this table, flour-mill and grist-mill products ranked first in value of products, sixth in average number of wage earners, and fourth in value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 27.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 130 wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—Increases are shown in practically all of the details for the six cities from 1914 to 1919.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, for selected industries, similar data are given for males and females for all industries combined for the state and for each city having 10,000 inhabitants or more. There were few industries in the state in 1919 where the number of female wage earners predominated.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Montana. In that year 18.6 per cent of the wage earners were included in the group "48 and under," as against 57.9 per cent in 1919. In 1914 the "60" and "over 60" groups constituted 20.5 per cent of the total wage earners, as compared with 11.3 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 97.5 per cent were in the several classes having less than 101 wage earners, while such establishments employed but 34.4 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at $100,000 to $1,000,000 constituted one group, but at the census of 1919 this group was subdivided into "$100,000 to $500,000" and "$500,000 to $1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups for 1909 and in the case of average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine the establishments of one group with those of some other group to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although corporations controlled but 27.4 per cent of the number of establishments in the state in 1919, they reported 86.5 per cent of the average number of wage earners and 92.1 per cent of the total value of products. During the five-year period 1914 to 1919 the average number of wage earners in corporations increased 2,660, or 21.8 per cent, and the value of products $74,170,685, or 93.5 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the number of establishments in these six cities in 1919 represented but 29.5 per cent of the total in the state. They reported in that year 25.5 per cent of the wage earners and 15.7 per cent of the value of products.

Number and horsepower of types of prime movers (Table 16).—The total horsepower shows an increase of 61,820, or 67.4 per cent, from 1914 to 1919. This increase was wholly confined to rented power, which increased 74,114 horsepower, or 266.6 per cent, during the five-year period, while owned power decreased 12,294 horsepower, or 19.2 per cent.

Fuel consumed (Table 17).—This table shows the quantity of the kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel and the quantity of fuel used in the six cities. Decreases are shown in all kinds of fuel from 1914 to 1919, except in gas.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	1,290	939	677	382	395	37.4	38.7	77.2	−3.3
Persons engaged	20,692	16,363	13,694	10,196	(2)	26.5	19.5	34.3	.....
Proprietors and firm members	1,200	832	659	334	(2)	44.2	26.3	97.3	.....
Salaried employees	2,332	1,827	1,380	905	508	27.6	32.4	52.5	78.1
Wage earners (average number)	17,160	13,704	11,655	8,957	9,854	25.2	17.6	30.1	−9.1
Primary horsepower	153,491	91,671	90,402	46,736	43,679	67.4	1.4	93.4	7.0
Capital	$137,476,277	$79,246,396	$44,588,368	$52,589,810	$38,224,915	73.5	77.7	−15.2	37.6
Salaries and wages	29,484,017	15,779,858	12,955,474	10,158,425	8,162,559	86.8	21.8	27.5	24.5
Salaries	4,741,455	2,778,653	2,054,022	1,506,208	785,737	70.6	35.3	36.4	91.7
Wages	24,742,562	13,001,205	10,901,452	8,652,217	7,376,822	90.3	19.3	26.0	17.3
Paid for contract work	555,842	789,361	322,110	224,330	(2)	−29.6	145.1	43.5	.....
Rent and taxes	2,212,765	1,597,778	2,307,144	[3] 1,677,872	(2)	38.5	−30.7	.....	.....
Cost of materials	122,151,924	46,743,986	49,180,239	40,930,060	30,068,101	161.3	−5.0	20.2	36.1
Value of products	166,664,518	84,446,136	73,271,793	66,415,452	52,744,997	97.4	15.3	10.3	25.9
Value added by manufacture [4]	44,512,594	37,702,150	24,091,554	25,485,392	22,676,896	18.1	56.5	−5.5	12.4

[1] A minus sign (−) denotes decrease.
[2] Figures not available.
[3] Exclusive of internal revenue.
[4] Value of products less cost of materials.

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	1,290	17,160	$24,742,562	$2,212,765	$122,151,924	$166,664,518	$44,512,594	153,491
Beaverhead	23	61	78,661	12,722	147,062	343,181	196,119	219
Big Horn	22	22	28,966	4,948	66,159	148,733	82,574	109
Blaine	10	14	15,902	2,679	118,924	163,011	44,087	179
Broadwater	5	16	18,621	12,733	621,488	771,103	149,615	150
Carbon	47	146	231,502	19,059	306,847	761,218	454,371	562
Carter	11	10	10,594	969	20,624	52,523	31,899	265
Cascade	86	2,129	3,124,539	349,212	53,625,907	59,443,547	5,817,640	52,619
Chouteau	10	12	15,947	2,916	97,103	140,252	43,149	163
Custer	19	682	1,078,738	14,261	883,157	2,209,804	1,326,647	760
Dawson	11	205	334,466	9,929	309,985	706,126	396,141	172
Fallon	8	8	9,621	5,999	66,970	126,132	59,162	62
Fergus	84	319	487,610	41,696	943,510	1,802,493	858,983	2,510
Flathead	64	1,248	1,368,596	118,045	1,814,153	4,286,317	2,472,164	3,573
Gallatin	55	336	406,493	74,017	3,190,673	4,368,359	1,177,686	5,407
Garfield	5	3	4,500	420	13,774	33,770	19,996	43
Glacier	4	2	4,485	2,695	12,983	29,882	16,899	54
Granite	9	17	20,738	3,677	46,477	131,981	85,504	104
Hill	25	414	620,476	21,906	363,940	1,060,142	696,202	620
Jefferson	10	48	52,437	2,718	71,554	150,469	78,915	226
Liberty	3	1	625	728	6,627	14,110	7,483	30
Lincoln	22	1,008	1,457,960	140,911	1,292,429	3,798,067	2,505,638	6,944
McCone	5	3	2,758	492	45,050	61,305	16,255	51
Madison	19	17	21,316	4,381	38,905	89,244	50,339	306
Meagher	11	43	53,284	1,757	21,933	105,204	83,271	255
Mineral	7	167	233,850	3,664	50,103	332,246	282,143	766
Missoula	61	1,888	2,516,975	122,985	3,271,629	6,857,815	3,586,186	4,493
Musselshell	42	135	196,533	10,357	310,309	625,645	315,336	441
Park	46	741	832,845	34,770	766,319	1,856,050	1,089,731	1,953
Phillips	13	98	102,605	8,726	64,144	203,229	139,085	160
Pondera	7	4	4,764	1,477	17,090	40,488	23,398	17
Powder River	4	4	4,396	357	19,064	30,654	11,590	70
Powell	15	440	813,409	2,892	252,302	1,180,626	928,324	1,104
Prairie	4	6	5,972	747	13,328	27,738	14,410	17
Ravalli	25	124	132,375	5,352	430,827	699,916	269,089	490
Richland	16	41	46,147	9,229	709,354	847,965	138,611	305
Roosevelt	21	39	49,961	19,543	795,911	940,849	144,938	415
Rosebud	15	63	106,921	4,920	425,544	778,996	353,452	202
Sanders	22	192	235,291	5,070	526,286	894,830	368,544	524
Sheridan	30	182	207,314	11,669	255,460	542,809	287,349	359
Silver Bow	125	1,238	1,717,471	183,405	9,808,493	13,979,782	4,171,289	5,785
Stillwater	14	19	30,460	2,408	34,041	93,153	59,112	139
Sweet Grass	16	24	31,323	3,257	72,941	135,212	62,271	123
Teton	9	147	154,686	4,922	104,347	283,826	179,479	127
Toole	5	3	4,200	658	11,827	25,912	14,085	12
Valley	19	35	43,743	7,688	301,584	412,614	111,030	230
Wheatland	15	173	277,778	22,900	1,131,185	1,430,565	299,380	519
Wibaux	3	4	6,040	1,567	7,761	21,294	13,533	6
Yellowstone	105	1,184	1,681,864	382,261	5,514,117	9,064,815	3,550,698	5,674
All other counties [1]	83	3,445	5,856,804	513,071	33,131,724	44,560,516	11,428,792	54,177

[1] All other counties include Deer Lodge, Lewis and Clark, and Treasure.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent distribution.	VALUE OF PRODUCTS. Amount (expressed in thousands).	VALUE OF PRODUCTS. Per cent distribution.	VALUE ADDED BY MANUFACTURE. Amount (expressed in thousands).	VALUE ADDED BY MANUFACTURE. Per cent distribution.
All industries	1,290	17,160	100.0	$166,665	100.0	$44,513	100.0
Flour-mill and gristmill products	69	360	2.1	16,386	9.8	2,294	5.2
Lumber and timber products	153	3,693	21.5	10,992	6.6	7,785	17.5
Cars and general shop construction and repairs by steam-railroad companies	30	5,312	31.0	10,957	6.6	8,067	18.1
Slaughtering and meat packing	12	210	1.2	6,859	4.1	1,035	2.3
Butter	47	190	1.1	4,219	2.5	756	1.7
Printing and publishing, newspapers and periodicals	225	829	4.8	3,913	2.4	2,863	6.4
Bread and other bakery products	119	384	2.2	3,124	1.9	1,190	2.7
Automobile repairing	255	520	3.0	2,039	1.2	1,434	3.2
Foundry and machine-shop products	22	359	2.1	1,495	0.9	923	2.1
Lumber, planing-mill products, not including planing mills connected with sawmills	30	176	1.0	$1,205	0.7	$426	1.0
Printing and publishing, book and job	22	182	1.1	850	0.5	573	1.3
Confectionery and ice cream	37	134	0.8	810	0.5	358	0.8
Copper, tin, and sheet-iron work	34	70	0.4	565	0.3	272	0.6
Brick	14	145	0.8	505	0.3	305	0.7
Gas, illuminating and heating	6	63	0.4	487	0.3	290	0.6
Mineral and carbonated waters	31	48	0.3	377	0.2	180	0.4
Liquors, cereal beverages	7	46	0.3	355	0.2	221	0.5
Saddlery and harness	11	36	0.2	319	0.2	114	0.3
All other industries [1]	166	4,403	25.7	101,208	60.7	15,427	34.7

[1] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are a number having products in excess of some for which figures are shown in the table. Of these industries the most important are the following: Brass, bronze, and copper products; cement; explosives; smelting and refining, copper; smelting, lead; and sugar, beet.

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL. Male.	PER CENT OF TOTAL. Female.
All classes	1919	20,692	19,664	1,028	95.0	5.0
	1914	16,363	15,820	543	96.7	3.3
	1909	13,694	13,387	307	97.8	2.2
Proprietors and officials	1919	2,023	1,962	61	97.0	3.0
	1914	1,352	1,313	39	97.1	2.9
	1909	1,143	1,126	17	98.5	1.5
Proprietors and firm members	1919	1,200	1,161	39	96.8	3.2
	1914	832	799	33	96.0	4.0
	1909	659	645	14	97.9	2.1
Salaried officers of corporations	1919	184	178	6	96.7	3.3
	1914	129	124	5	96.1	3.9
	1909	89	88	1	98.9	1.1
Superintendents and managers	1919	639	623	16	97.5	2.5
	1914	391	390	1	99.7	0.3
	1909	395	393	2	99.5	0.5
Clerks and other subordinate salaried employees.	1919	1,509	1,096	413	72.6	27.4
	1914	1,307	1,133	174	86.7	13.3
	1909	896	796	100	88.8	11.2
Wage earners (average number)	1919	17,160	16,608	552	96.8	3.2
	1914	13,704	13,374	330	97.6	2.4
	1909	11,655	11,465	190	98.4	1.6
16 years of age and over	1919	17,096	16,545	551	96.8	3.2
	1914	13,641	13,323	318	97.7	2.3
	1909	11,625	11,436	189	98.4	1.6
Under 16 years of age	1919	64	63	1	98.4	1.6
	1914	63	51	12	81.0	19.0
	1909	30	29	1	96.7	3.3

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	PER CENT OF TOTAL. 16 years of age and over. Female.	PER CENT OF TOTAL. Under 16 years of age.
All industries	1919	17,160	96.4	3.2	0.4
	1914	13,704	97.2	2.3	0.5
	1909	11,655	98.1	1.6	0.3
Automobile repairing	1919	520	100.0	.....	.....
	1914	18	100.0	.....	.....
Bread and other bakery products	1919	384	67.2	32.3	0.5
	1914	274	67.9	24.1	8.0
Brick	1919	145	99.3	0.7	.....
	1914	191	99.0	.....	1.0
Butter	1919	190	87.9	12.1	.....
	1914	71	91.5	8.5	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	5,312	98.3	1.7	.....
	1914	3,611	99.9	.....	0.1
Confectionery and ice cream	1919	134	41.8	56.7	1.5
	1914	130	31.5	67.7	0.8
Flour-mill and gristmill products	1919	360	98.3	1.7	.....
	1914	256	98.0	1.2	0.8
Foundry and machine-shop products [1]	1919	305	100.0	.....	.....
	1914	384	100.0	.....	.....
Lumber and timber products	1919	3,693	99.7	0.2	(2)
	1914	2,873	99.9	0.1	(2)
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	176	98.9	1.1	.....
	1914	92	97.8	1.1	1.1
Printing and publishing, book and job	1919	182	78.6	21.4	.....
	1914	116	77.6	19.8	2.6
Printing and publishing, newspapers and periodicals.	1919	829	83.7	9.7	6.6
	1914	784	86.9	11.0	2.2
Slaughtering and meat packing	1919	210	92.9	6.2	1.0
	1914	96	91.7	7.3	1.0
All other industries	1919	4,660	98.0	1.9	(2)
	1914	4,808	99.0	0.7	0.2

[1] Includes "iron and steel, welding."

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

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. Total. 1919	Total. 1914	Total. 1909	16 years of age and over. Male. 1919	Male. 1914	Male. 1909	Female. 1919	Female. 1914	Female. 1909	Under 16 years of age. 1919	Under 16 years of age. 1914	Under 16 years of age. 1909	VALUE OF PRODUCTS 1919	1914	1909
Anaconda	272	251	97	265	239	88	7	8	8	.....	4	1	$1,340,095	$753,516	$591,032
Billings	573	329	226	537	305	212	31	20	10	5	4	4	5,417,140	1,633,741	1,243,185
Butte	930	659	622	772	550	558	110	101	59	48	8	5	5,201,592	2,000,495	2,463,780
Great Falls	1,157	[1] 706	.....	1,107	[1] 687	.....	49	[1] 19	.....	1	.....	.....	6,850,837	[1] 3,382,094	.....
Helena	539	495	420	449	400	360	89	72	60	1	23	.....	3,016,238	1,481,932	1,302,725
Missoula	908	447	428	873	432	428	35	8	.....	.....	7	.....	4,206,371	1,112,702	1,171,436

[1] Figures do not agree with those published, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER.[1]			PER CENT OF MAXIMUM.			MONTH.	NUMBER.[1]			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January	17,539	14,260	10,873	96.2	91.0	82.8	July	17,554	15,677	11,550	96.3	100.0	88.0
February	16,890	13,154	*10,772*	92.7	83.9	82.1	August	16,906	13,232	11,841	92.7	84.4	90.2
March	16,603	13,187	10,900	91.1	84.1	83.0	September	16,973	12,386	12,435	93.1	79.0	94.7
April	*16,239*	14,395	10,874	89.1	91.8	82.8	October	17,421	12,920	13,127	95.6	82.4	100.0
May	17,062	15,172	11,292	93.6	96.8	86.0	November	18,228	*12,368*	12,996	100.0	78.9	99.0
June	17,719	15,280	11,195	97.2	97.5	85.3	December	16,786	12,417	12,003	92.1	79.2	91.4

[1] The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by **bold-faced** figures, minimum by *italic* figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	17,160	17,539	16,890	16,603	*16,239*	17,062	17,719	17,554	16,906	16,973	17,421	**18,228**	16,786	89.1
Males	16,608	17,016	16,389	16,113	*15,719*	16,529	17,187	16,972	16,326	16,413	16,810	**17,584**	16,238	89.4
Females	552	523	501	*490*	520	533	532	582	580	560	611	**644**	548	76.1
Automobile repairing	520	*413*	426	448	500	556	603	623	621	593	527	471	459	66.3
Bread and other bakery products	384	382	*369*	*369*	378	392	386	395	**401**	390	384	387	375	92.0
Brick	145	76	68	104	161	191	225	261	195	137	138	118	*66*	25.3
Butter	190	*134*	136	146	181	205	236	238	232	218	200	180	174	56.3
Cars and general shop construction and repairs by steam-railroad companies	5,312	5,317	5,388	5,116	*5,048*	5,135	5,139	5,130	5,309	5,393	5,583	**5,662**	5,529	89.1
Confectionery and ice cream	134	*107*	115	119	127	128	133	138	144	146	153	147	151	69.9
Flour-mill and gristmill products	360	397	399	405	398	361	347	*244*	327	348	356	368	370	60.2
Foundry and machine-shop products	359	446	422	414	385	386	383	391	*267*	*267*	269	394	284	59.9
Lumber and timber products	3,693	3,489	3,677	3,449	*3,128*	3,601	3,899	3,613	3,634	3,771	4,001	**4,071**	3,983	76.8
Lumber, planing-mill products, not including planing mills connected with sawmills	176	130	132	*129*	151	169	202	210	213	213	195	192	176	60.6
Printing and publishing, book and job	182	180	*177*	181	183	179	181	182	181	183	183	186	**188**	94.1
Printing and publishing, newspapers and periodicals	829	801	*799*	809	829	831	836	843	829	830	840	**861**	840	92.8
Slaughtering and meat packing	210	219	217	207	204	203	209	222	222	210	216	198	*193*	86.9
All other industries	4,666	5,448	4,565	4,707	4,571	4,725	4,940	5,064	4,331	4,274	4,376	4,993	*3,998*	73.4
Industries showing large proportion of females.														
Bread and other bakery products	125	127	117	*113*	121	132	124	131	**132**	126	127	129	121	85.6
Butter	23	22	*17*	18	21	29	28	27	27	24	22	20	21	58.6
Cars and general shop construction and repairs by steam-railroad companies	89	**121**	106	98	92	85	81	*80*	81	82	82	*80*	*80*	66.1
Confectionery and ice cream	76	*56*	66	67	72	71	73	74	78	83	93	88	91	60.2
Printing and publishing, book and job	39	*36*	38	38	45	38	38	39	40	40	40	37	39	80.0
Printing and publishing, newspapers and periodicals	80	73	75	*71*	77	81	82	87	81	82	84	85	82	81.6
Total for cities	4,379	4,332	4,286	*4,193*	4,315	4,282	4,383	4,427	4,508	4,435	4,526	4,523	4,338	92.6
Males	4,058	4,022	3,986	*3,898*	4,003	3,958	4,065	4,108	4,179	4,105	4,190	4,181	4,001	93.0
Females	321	310	300	*295*	312	324	318	319	329	330	336	342	337	86.3
ANACONDA	272	328	319	312	298	311	301	282	246	210	223	250	*184*	56.1
Males	265	321	312	305	291	304	294	275	239	203	216	243	*177*	55.1
Females	7	7	7	7	7	7	7	7	7	7	7	7	7	.....
BILLINGS	573	*513*	521	525	543	574	594	626	616	612	597	592	563	81.9
Males	542	*483*	494	497	514	545	565	597	581	581	565	555	527	80.9
Females	31	30	*27*	28	29	29	29	29	35	31	32	37	36	73.0
BUTTE	930	899	*875*	892	928	909	929	971	950	960	957	964	926	90.1
Males	820	791	*768*	791	820	802	822	870	844	842	840	843	807	88.3
Females	110	108	107	*101*	108	107	107	*101*	106	118	117	**121**	119	83.5
GREAT FALLS	1,157	1,275	1,229	1,107	1,155	*1,054*	1,111	1,079	1,153	1,128	1,202	1,215	1,176	82.7
Males	1,108	1,232	1,188	1,065	1,112	*1,007*	1,058	1,027	1,101	1,075	1,147	1,161	1,123	81.7
Females	49	43	*41*	42	43	47	53	52	52	53	**55**	54	53	74.5
HELENA	539	528	527	*523*	537	551	539	540	**552**	541	546	534	550	94.7
Males	450	*438*	440	441	447	455	454	448	**462**	457	455	443	460	94.8
Females	89	90	87	*82*	90	**96**	85	92	90	84	91	91	90	85.4
MISSOULA	908	*789*	815	834	854	883	909	929	991	984	**1,001**	968	939	78.8
Males	873	*757*	784	799	819	845	872	891	952	947	**967**	936	907	78.3
Females	35	32	*31*	35	35	38	37	38	39	37	34	32	32	79.5

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	17,160	272	2,056	7,603	216	1,358	3,719	1,390	546
	1914	13,704	(2)	(2)	2,552	2,598	2,531	3,220	2,429	374
	1909	11,655	(2)	(2)	1,607	154	3,285	4,195	1,966	448
Automobile repairing	1919	520	22	.....	158	6	273	11	37	13
	1914	18	(2)	(2)	11	.....	7	.....	.....	.....
Bread and other bakery products	1919	384	.....	70	241	2	33	16	21	1
	1914	274	(2)	(2)	84	4	132	7	29	18
Brick	1919	145	16	.....	94	.....	.....	26	4	5
	1914	191	(2)	(2)	131	3	10	18	29	.....
Butter	1919	190	1	.....	58	2	24	76	20	9
	1914	71	(2)	(2)	5	.....	36	1	16	13
Cars and general shop construction and repairs by steam-railroad companies.	1919	5,312	.....	1,858	3,448	.....	.....	.....	.....	6
	1914	3,611	(2)	(2)	445	385	1,001	1,656	.....	124
Confectionery and ice cream	1919	134	23	.....	47	3	5	44	11	1
	1914	130	(2)	(2)	22	45	52	4	4	3
Flour-mill and gristmill products	1919	360	.....	.....	210	.....	97	.....	46	7
	1914	256	(2)	(2)	96	.....	95	.....	63	2
Foundry and machine-shop products [3]	1919	365	1	.....	351	.....	13	.....	.....	.....
	1914	384	(2)	(2)	331	4	43	.....	5	1
Lumber and timber products	1919	3,693	8	17	1,718	6	682	5	1,192	65
	1914	2,873	(2)	(2)	35	.....	941	36	1,795	66
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	176	37	.....	96	.....	10	33	.....	.....
	1914	92	(2)	(2)	34	.....	31	.....	27	.....
Printing and publishing, book and job	1919	182	.....	.....	182	.....	.....	.....	.....	.....
	1914	116	(2)	(2)	116	.....	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals	1919	829	4	94	506	143	15	59	8	.....
	1914	784	(2)	(2)	595	28	98	59	4	.....
Slaughtering and meat packing	1919	210	.....	.....	5	54	145	.....	6	.....
	1914	96	(2)	(2)	35	.....	12	.....	49	.....
All other industries	1919	4,660	160	17	489	.....	61	3,449	45	439
	1914	4,808	(2)	(2)	612	2,129	73	1,430	408	147
Total for cities	1919	4,379	209	447	2,703	183	523	244	20	50
	1914	2,887	(2)	(2)	1,543	57	373	815	73	26
ANACONDA	1919	272	4	.....	162	.....	.....	65	.....	41
	1914	251	(2)	(2)	175	.....	71	3	2	.....
BILLINGS	1919	573	16	150	236	57	90	13	10	1
	1914	329	(2)	(2)	132	6	54	103	32	2
BUTTE	1919	930	109	157	467	126	2	69	.....	.....
	1914	659	(2)	(2)	408	26	72	138	12	3
GREAT FALLS	1919	1,157	61	54	957	.....	37	47	1	.....
	1914	706	(2)	(2)	560	4	53	79	10	.....
HELENA	1919	539	16	86	360	.....	33	34	2	8
	1914	495	(2)	(2)	183	21	104	155	12	20
MISSOULA	1919	903	3	.....	521	.....	361	16	7	.....
	1914	447	(2)	(2)	85	.....	10	337	5	1

[1] Includes 48 and under for 1914 and 1909. [2] Corresponding figures not available. [3] Includes "iron and steel, welding."

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
			No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
	Establishments.	Wage earners (average number).	Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	1,290	17,160	203	854	1,647	139	1,526	50	1,859	12	878	15	2,117	11	3,657	5	3,325	1	2,151
Automobile repairing	255	520	32	210	400	13	120												
Bread and other bakery products	119	384	31	71	152	16	162			1	70								
Brick	14	145		7	21	6	84	1	40										
Butter	47	190	4	36	77	5	41	2	72										
Cars and general shop construction and repairs by steam-railroad companies	30	5,312				5	62	6	272	4	304	7	1,009	5	1,754	3	1,911		
Confectionery and ice cream	37	134	7	25	62	4	49	1	23										
Flour-mill and gristmill products	69	360	6	48	64	11	119	3	115	1	62								
Foundry and machine-shop products	22	359	1	12	22	4	55	4	106			1	176						
Lumber and timber products	153	3,693	3	105	198	18	227	15	535	3	191	4	556	4	1,366	1	620		
Lumber, planing-mill products, not including planing mills connected with sawmills	30	176	3	19	45	6	59	2	72										
Printing and publishing, book and job	22	182	3	7	13	10	99	2	70										
Printing and publishing, newspapers and periodicals	225	829	65	141	250	10	116	8	340			1	123						
Slaughtering and meat packing	12	210		6	17	3	36	2	84	1	73								
All other industries	255	4,666	48	167	326	28	297	4	130	2	178	2	253	2	537	1	794	1	2,151
Total for cities	381	4,379	56	220	516	70	762	21	699	7	445	4	537	2	716	1	704		
ANACONDA	22	272	5	12	30	1	9	2	81	2	152								
BILLINGS	85	573	4	62	146	15	141	1	31	2	111	1	144						
BUTTE	115	930	18	64	149	20	215	11	338			2	228						
GREAT FALLS	73	1,157	14	37	81	16	190	5	182							1	704		
HELENA	52	539	9	24	52	15	173	1	25	2	124	1	165						
MISSOULA	34	908	6	21	58	3	34	1	42	1	58			2	716				

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	1,290	939	677	17,160	13,704	11,655	$166,664,518	$84,446,136	$73,271,793	$44,512,594	$37,702,150	$24,091,554
Less than $5,000	445	421	261	289	348	227	1,238,673	1,021,532	649,143	876,019	729,553	457,008
$5,000 to $20,000	474	309	286	1,008	955	754	4,752,545	2,921,890	2,437,212	2,871,270	1,795,281	1,535,283
$20,000 to $100,000	247	135	118	1,942	1,742	1,708	10,696,909	5,905,385	5,092,318	5,151,393	3,041,045	3,108,691
$100,000 to $500,000	86	57	56	3,738	4,739	4,836	18,010,547	13,024,271	15,221,904	8,461,388	8,899,240	8,024,645
$500,000 to $1,000,000	17	8		1,717			12,150,756	5,168,755		4,410,262		
$1,000,000 and over	21	9	6	8,466	5,920	4,130	119,815,088	56,404,303	49,871,216	22,742,262	23,237,031	10,965,927
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	34.5	44.8	38.6	1.7	2.5	1.9	0.7	1.2	0.9	2.0	1.9	1.9
$5,000 to $20,000	36.7	32.9	34.9	5.9	7.0	6.5	2.9	3.5	3.3	6.5	4.8	6.4
$20,000 to $100,000	19.1	14.4	17.4	11.3	12.7	14.7	6.4	7.0	6.9	11.6	8.1	12.9
$100,000 to $500,000	6.7	6.1	8.3	21.8	34.6	41.5	10.8	15.4	20.8	19.0	23.6	33.3
$500,000 to $1,000,000	1.3	0.9		10.0			7.3	6.1		9.9		
$1,000,000 and over	1.6	1.0	0.9	49.3	43.2	35.4	71.9	66.8	68.1	51.1	61.6	45.5

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
AUTOMOBILE REPAIRING	255	8	100.0	100.0	520	18	100.0	100.0	$2,038,836	$35,505	100.0	100.0	$1,433,551	$31,772	100.0	100.0
Less than $5,000	115	5	45.1	62.5	102	6	19.6	33.3	365,906	14,404	17.9	40.6	270,055	11,491	18.8	36.2
$5,000 to $20,000	123	3	48.2	37.5	297	12	57.1	66.7	1,183,473	21,101	58.0	59.4	812,834	20,281	56.7	63.8
$20,000 to $100,000	17	.....	6.7	.....	121	.....	23.3	.....	489,457	.....	24.0	.....	350,662	.....	24.5	.....
BREAD AND OTHER BAKERY PRODUCTS	119	105	100.0	100.0	384	274	100.0	100.0	3,124,232	1,311,259	100.0	100.0	1,189,547	600,680	100.0	100.0
Less than $5,000	25	37	21.0	35.2	2	15	0.5	5.5	73,646	98,150	2.4	7.5	29,157	46,914	2.5	7.8
$5,000 to $20,000	57	50	47.9	47.6	78	91	20.3	33.2	625,835	408,210	20.0	35.7	244,589	231,809	20.6	38.6
$20,000 to $100,000	32	[1] 18	26.9	17.1	178	[1] 168	46.4	61.3	1,443,033	[1] 744,899	46.2	56.8	518,222	[1] 321,897	43.6	53.6
$100,000 to $500,000	5	.....	4.2	.....	126	.....	32.8	.....	981,718	.....	31.4	.....	397,579	.....	33.4	.....
BUTTER	47	32	100.0	100.0	190	71	100.0	100.0	4,219,316	1,217,083	100.0	100.0	755,865	206,661	100.0	100.0
Less than $5,000	.....	4	.....	12.5	.....	1	.....	1.4	.....	11,497	.....	0.9	.....	2,862	.....	1.4
$5,000 to $20,000	7	14	14.9	43.8	4	14	2.1	19.7	87,930	178,190	2.1	14.6	16,589	29,087	2.2	14.1
$20,000 to $100,000	29	11	61.7	34.4	55	35	28.9	49.3	1,414,732	424,862	33.5	34.9	208,644	75,193	27.6	36.4
$100,000 and over	11	3	23.4	9.4	131	21	68.9	29.6	2,716,654	603,134	64.4	49.5	530,632	99,519	70.2	48.2
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	30	16	100.0	100.0	5,312	3,611	100.0	100.0	10,957,439	5,833,618	100.0	100.0	8,066,892	3,201,662	100.0	100.0
Less than $100,000	8	4	26.7	25.0	172	137	3.2	3.8	304,944	203,091	2.8	3.5	238,952	140,414	3.0	4.3
$100,000 to $500,000	14	9	46.7	56.3	1,550	[2] 3,474	29.2	96.2	2,988,575	2,031,711	27.3	34.8	2,246,241	[2] 3,151,248	27.8	95.7
$500,000 to $1,000,000	3	[3] 3	10.0	18.8	851	.....	16.0	.....	1,991,792	[3] 3,598,816	18.2	61.7	1,355,279	.....	16.8	.....
$1,000,000 and over	5	.....	16.7	.....	2,739	.....	51.6	.....	5,672,128	.....	51.8	.....	4,226,420	.....	52.4	.....
FLOUR-MILL AND GRISTMILL PRODUCTS	69	33	100.0	100.0	360	256	100.0	100.0	16,386,055	4,890,275	100.0	100.0	2,293,799	988,343	100.0	100.0
Less than $5,000	6	3	8.7	9.1	3	1	0.8	0.4	16,245	6,872	0.1	0.1	5,287	2,020	0.2	0.2
$5,000 to $20,000	22	10	31.9	30.3	14	8	3.9	3.1	274,061	115,744	1.7	2.4	60,019	29,230	2.6	3.0
$20,000 to $100,000	19	11	27.5	33.3	29	35	8.1	13.7	770,639	576,179	4.7	11.8	144,164	95,982	6.3	9.7
$100,000 to $500,000	11	6	15.9	18.2	55	[2] 212	15.3	82.8	2,349,919	1,722,654	14.3	35.2	269,352	[2] 861,111	11.7	87.1
$500,000 to $1,000,000	7	[3] 3	10.1	9.1	82	.....	22.8	.....	4,944,048	[3] 2,468,826	30.2	50.5	626,548	.....	27.3	.....
$1,000,000 and over	4	.....	5.8	.....	177	.....	49.2	.....	8,031,143	.....	49.0	.....	1,188,429	.....	51.8	.....
LUMBER AND TIMBER PRODUCTS	153	145	100.0	100.0	3,693	2,873	100.0	100.0	10,991,632	6,206,473	100.0	100.0	7,784,854	4,157,705	100.0	100.0
Less than $5,000	70	82	45.8	56.6	67	126	1.8	4.4	169,216	172,815	1.5	2.8	137,465	143,707	1.8	3.5
$5,000 to $20,000	41	34	26.8	23.4	163	277	4.4	9.6	377,439	337,839	3.4	5.4	310,258	269,258	4.0	6.5
$20,000 to $100,000	23	17	15.0	11.7	436	565	11.8	19.7	1,073,371	793,436	9.8	12.8	867,393	560,591	11.1	13.5
$100,000 to $500,000	13	9	8.5	6.2	925	[2] 1,905	25.0	66.3	2,516,539	2,569,375	22.9	41.4	1,960,773	[2] 3,184,149	25.2	76.6
$500,000 and over	6	3	3.9	2.1	2,102	.....	56.9	.....	6,855,067	2,333,008	62.4	37.6	4,508,965	.....	57.9	.....
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	225	221	100.0	100.0	829	784	100.0	100.0	3,912,779	2,460,911	100.0	100.0	2,862,718	1,874,298	100.0	100.0
Less than $5,000	115	142	51.1	64.3	58	102	7.0	13.0	310,291	341,320	7.9	13.9	241,514	286,475	8.4	15.3
$5,000 to $20,000	86	59	38.2	26.7	177	181	21.4	23.1	805,716	524,549	20.6	21.3	597,690	423,271	20.9	22.6
$20,000 to $100,000	16	13	7.1	5.9	166	135	20.0	17.2	762,129	401,428	19.5	16.3	590,462	322,686	20.6	17.2
$100,000 to $500,000	8	7	3.6	3.2	428	366	51.6	46.7	2,034,643	1,193,614	52.0	48.5	1,433,052	841,866	50.1	44.9
SLAUGHTERING AND MEAT PACKING	12	8	100.0	100.0	210	96	100.0	100.0	6,858,703	2,119,539	100.0	100.0	1,034,550	402,818	100.0	100.0
Less than $100,000	3	.....	25.0	.....	6	.....	2.9	.....	225,033	.....	3.3	.....	38,480	.....	3.7	.....
$100,000 to $500,000	6	[4] 8	50.0	100.0	48	[4] 96	22.9	100.0	1,608,360	[4] 2,119,539	23.4	100.0	220,053	[4] 402,818	21.3	100.0
$500,000 and over	3	.....	25.0	.....	156	.....	74.3	.....	5,025,310	.....	73.3	.....	776,026	.....	75.0	.....

[1] Includes the group "$100,000 to $500,000."
[2] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[3] Includes the group "$1,000,000 and over."
[4] Includes the groups "Less than $100,000" and "$500,000 and over."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
ANACONDA	22	272	100.0	$1,340,695	100.0	$851,538	100.0
Less than $5,000	6	.....	.....	16,042	1.2	10,675	1.3
$5,000 to $20,000	7	13	4.8	67,093	5.0	40,054	4.7
$20,000 to $100,000	5	25	9.2	191,901	14.3	87,822	10.3
$100,000 to $500,000	4	234	86.0	1,065,659	79.5	712,987	83.7
BILLINGS	85	573	100.0	5,417,140	100.0	1,855,077	100.0
Less than $5,000	16	11	1.9	47,147	0.9	33,359	1.8
$5,000 to $20,000	38	102	17.8	432,655	8.0	286,965	15.5
$20,000 to $100,000	23	138	24.1	785,904	14.5	392,305	21.1
$100,000 and over	8	322	56.2	4,151,374	76.6	1,142,448	61.0

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919—Continued.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
BUTTE	115	930	100.0	$5,261,592	100.0	$2,439,055	100.0
Less than $5,000	29	10	1.1	69,011	1.3	49,598	2.0
$5,000 to $20,000	37	76	8.2	430,839	8.2	238,826	9.8
$20,000 to $100,000	37	361	38.8	1,711,185	32.5	870,194	35.7
$100,000 and over	12	483	51.9	3,050,557	58.0	1,280,437	52.5
GREAT FALLS	73	1,157	100.0	6,850,837	100.0	2,795,116	100.0
Less than $5,000	15	4	0.3	34,684	0.5	20,828	0.7
$5,000 to $20,000	30	52	4.5	312,219	4.6	196,101	7.0
$20,000 to $100,000	19	177	15.3	962,002	14.0	541,190	19.4
$100,000 and over	9	924	79.9	5,541,932	80.9	2,036,997	72.9
HELENA	52	539	100.0	3,016,238	100.0	1,483,778	100.0
Less than $5,000	8	2	0.4	23,203	0.8	15,615	1.1
$5,000 to $20,000	21	39	7.2	209,758	7.0	141,872	9.6
$20,000 to $100,000	13	142	26.3	643,280	21.3	353,589	23.8
$100,000 to $500,000	10	356	66.0	2,139,997	70.9	972,702	65.6
MISSOULA	34	908	100.0	4,296,371	100.0	1,844,140	100.0
Less than $5,000	9	2	0.2	23,833	0.6	14,332	0.8
$5,000 to $20,000	6	11	1.2	63,472	1.5	31,595	1.7
$20,000 to $100,000	12	60	6.6	444,961	10.4	192,366	10.4
$100,000 to $500,000	4	76	8.4	794,251	18.5	255,242	13.8
$500,000 and over	3	759	83.6	2,969,854	69.1	1,350,605	73.2

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	697	353	240	17,160	1,662	14,839	659	9.7	86.5	3.8	$166,664,518	$8,372,148	$153,484,858	$4,807,512	5.0	92.1	2.9
	1914	531	266	142	13,704	1,105	12,179	420	8.1	88.9	3.1	84,446,136	3,637,211	79,314,173	1,494,752	4.3	93.9	1.8
	1909	352	203	122	11,655	1,108	10,041	506	9.5	86.2	4.3	73,271,793	3,265,067	68,458,197	1,548,529	4.5	93.4	2.1
Automobile repairing	1919	146	33	76	520	282	111	127	54.2	21.3	24.4	2,038,836	1,113,809	347,326	577,701	54.6	17.0	28.3
	1914	2	3	3	18	.....	11	[1] 7	.....	61.1	38.9	35,505	.....	17,615	[1] 17,890	.....	49.6	50.4
Bread and other bakery products.	1919	86	13	20	384	157	163	64	40.9	42.4	16.7	3,124,232	1,307,938	1,234,076	582,218	41.9	39.5	18.6
	1914	85	6	14	274	150	97	27	54.7	35.4	9.9	1,311,259	792,594	336,818	181,847	60.4	25.7	13.9
Butter	1919	14	25	8	190	20	146	24	10.5	76.8	12.6	4,219,316	630,939	2,951,898	636,479	15.0	70.0	15.1
	1914	10	19	3	71	18	49	4	25.4	69.0	5.6	1,217,683	185,776	874,204	157,703	15.3	71.8	13.0
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	30	.....	5,312	.....	5,312	.....	.....	100.0	.....	10,957,439	.....	10,957,439	.....	.....	100.0	.....
	1914	.....	16	.....	3,611	.....	3,611	.....	.....	100.0	.....	5,833,618	.....	5,833,618	.....	.....	100.0	.....
Flour-mill and gristmill products.	1919	17	43	9	360	26	316	18	7.2	87.8	5.0	16,386,055	852,151	14,415,056	1,118,848	5.2	88.0	6.8
	1914	8	22	3	256	13	237	6	5.1	92.6	2.3	4,890,275	208,925	4,570,000	111,350	4.3	93.4	2.3
Lumber and timber products.	1919	91	20	42	3,693	664	2,780	249	18.0	75.3	6.7	10,991,632	1,569,014	8,863,087	559,531	14.3	80.6	5.1
	1914	81	32	32	2,873	381	2,282	210	13.3	79.4	7.3	6,206,473	451,566	5,455,440	299,467	7.3	87.9	4.8
Printing and publishing, newspapers and periodicals.	1919	143	57	25	829	161	648	20	19.4	78.2	2.4	3,912,779	761,476	3,026,980	124,323	19.5	77.4	3.2
	1914	139	46	36	784	180	562	42	23.0	71.7	5.4	2,460,911	566,301	1,750,744	143,866	23.0	71.1	5.8
Slaughtering and meat packing.	1919	1	10	1	210	.....	[2] 210	.....	.....	100.0	.....	6,858,703	.....	[2] 6,858,703	.....	.....	100.0	.....
	1914	2	5	1	96	.....	[2] 96	.....	.....	100.0	.....	2,119,539	.....	[2] 2,119,539	.....	.....	100.0	.....
Total for cities	1919	166	142	73	4,379	409	3,795	175	9.3	86.7	4.0	26,182,873	2,417,349	22,255,493	1,510,031	9.2	85.0	5.8
	1914	146	121	42	2,887	262	2,512	113	9.1	87.0	3.9	11,264,570	1,189,666	9,489,300	585,604	10.6	84.2	5.2
ANACONDA	1919	12	6	4	272	28	242	2	10.3	89.0	0.7	1,340,695	215,071	1,108,712	16,912	16.0	82.7	1.3
	1914	12	6	1	251	27	223	1	10.8	88.8	0.4	753,516	112,457	638,809	2,250	14.9	84.8	0.3
BILLINGS	1919	36	25	24	573	107	408	58	18.7	71.2	10.1	5,417,140	487,893	4,577,099	352,148	9.0	84.5	6.5
	1914	17	18	7	329	31	293	5	9.4	89.1	1.5	1,633,741	150,858	1,430,948	51,935	9.2	87.6	3.2
BUTTE	1919	54	43	18	930	120	758	52	12.9	81.5	5.6	5,261,592	657,699	4,202,398	401,495	12.5	79.9	7.6
	1914	53	40	14	659	74	545	40	11.2	82.7	6.1	2,900,495	305,451	2,388,371	206,673	10.5	82.3	7.1
GREAT FALLS	1919	31	31	11	1,157	59	1,072	26	5.1	92.7	2.2	6,850,837	324,215	6,302,093	224,529	4.7	92.0	3.3
	1914	21	26	7	706	51	612	43	7.2	86.7	6.1	3,382,094	259,470	3,024,573	98,051	7.7	89.4	2.9
HELENA	1919	20	22	10	539	64	446	29	11.9	82.7	5.4	3,016,238	516,335	2,067,290	432,613	17.1	68.5	14.3
	1914	23	20	10	495	51	424	20	10.3	85.7	4.0	1,481,932	206,334	1,070,394	205,204	13.9	72.2	13.8
MISSOULA	1919	13	15	6	908	31	869	8	3.4	95.7	0.9	4,296,371	216,136	3,997,901	82,334	5.0	93.1	1.9
	1914	20	11	3	447	28	415	4	6.3	92.8	0.9	1,112,792	155,096	936,205	21,491	13.9	84.1	1.9

[1] Includes the group "Individuals."

[2] Includes the groups "Individuals" and "All others."

TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	Cities having a population of 10,000 or over.						The state outside of cities having a population of 10,000 or over.	
			Total.		10,000 to 25,000.		25,000 to 100,000.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	6	.....	5	.....	1	.....	.....	.....
	1914	.....	6	.....	5	.....	1	.....	.....	.....
	1909	.....	5	.....	4	.....	1	.....	.....	.....
Population [1]	1920	548,889	117,205	21.4	75,594	13.8	41,611	7.6	431,684	78.6
	1915	432,614	108,923	25.2	67,142	15.5	41,781	9.7	323,691	74.8
	1910	376,053	84,714	22.5	45,549	12.1	39,165	10.4	291,339	77.5
Number of establishments	1919	1,290	381	29.5	266	20.6	115	8.9	909	70.5
	1914	939	309	32.9	202	21.5	107	11.4	630	67.1
	1909	677	186	27.5	120	17.7	66	9.7	491	72.5
Average number of wage earners	1919	17,160	4,379	25.5	3,449	20.1	930	5.4	12,781	74.5
	1914	13,704	2,887	21.1	2,228	16.3	659	4.8	10,817	78.9
	1909	11,655	1,793	15.4	1,171	10.0	622	5.3	9,862	84.6
Value of products	1919	$166,664,518	$26,182,873	15.7	$20,921,281	12.6	$5,261,592	3.2	$140,481,645	84.3
	1914	84,446,136	11,264,570	13.3	8,364,075	9.9	2,900,495	3.4	73,181,566	86.7
	1909	73,271,793	6,772,158	9.2	4,308,378	5.9	2,463,780	3.4	66,499,635	90.8
Value added by manufacture	1919	44,512,594	11,268,704	25.3	8,829,649	19.8	2,439,055	5.5	33,243,890	74.7
	1914	37,702,150	5,774,766	15.3	4,188,592	11.1	1,586,174	4.2	31,927,384	84.7
	1909	24,091,554	4,035,122	16.7	2,491,313	10.3	1,543,809	6.4	20,056,432	83.3

[1] Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

Power.	Number of engines or motors.			Horsepower.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	4,276	2,152	1,291	153,491	91,671	90,402	100.0	100.0	100.0
Owned	561	527	503	51,579	63,873	63,523	33.6	69.7	70.3
Steam	314	368	412	42,099	52,918	49,054	27.4	57.7	54.9
Engines	307	(1)	(1)	38,865	(1)	(1)	25.3	.....	.....
Turbines	7	(1)	(1)	3,234	(1)	(1)	2.1	.....	.....
Internal-combustion engines	224	131	54	1,484	820	223	1.0	0.9	0.2
Water	23	28	37	7,996	10,135	13,646	5.2	11.1	15.1
Water wheels and turbines	21	22	26	7,992	10,102	13,583	5.2	11.0	15.0
Water motors	2	6	11	4	33	63	(2)	(2)	0.1
Rented	3,715	1,625	788	101,912	27,798	26,879	66.4	30.3	29.7
Electric	3,715	1,625	788	101,910	27,798	26,504	66.4	30.3	29.3
Other	.....	.....	.....	2	.....	375	(2)	.....	0.4
Electric	3,920	1,802	834	106,207	38,109	27,301	100.0	100.0	100.0
Rented	3,715	1,625	788	101,910	27,798	26,504	96.0	72.9	97.1
Generated by establishments reporting	205	177	46	4,297	10,311	797	4.0	27.1	2.9

[1] Not reported separately.

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

TABLE 17.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

Industry and city.	Coal.		Coke (tons 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).	
	Anthracite (tons 2,240 pounds).	Bituminous (tons 2,000 pounds).				Natural.	Manufactured.
All industries 1919	234	539,302	64,795	22,517	1,739	90,421	6,989
1914	556	578,234	196,481	39,036	(1)	11,211	(2)
Per cent of increase [3]	−57.9	−6.7	−67.0	−37.9	(1)	768.9	(2)
Automobile repairing	13	3,671	.....	8	407	1,820	1,796
Bread and other bakery products	135	3,983	870	.....	37	608	2,324
Brick	.....	14,931	.....	12	76	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	.....	103,073	200	1,251	.....	.....	.....
Cement	.....	26,449	.....	.....	.....	.....	.....
Explosives	.....	4,800	3,700	.....	.....	.....	.....
Flour-mill and gristmill products	1	16,560	330	478	373	602	.....
Foundry and machine-shop products	13	3,523	1,756	415	90	.....	3
Gas, illuminating and heating	.....	17,072	1,730	7,984	.....	.....	.....
Liquors, cereal beverages	.....	7,567	.....	.....	.....	.....	.....
Lumber and timber products	.....	6,943	.....	.....	76	.....	.....
Slaughtering and meat packing	.....	8,065	.....	.....	28	.....	.....

[1] Included in figures for fuel oils.

[2] Included in figures for natural gas.

[3] A minus sign (−) denotes decrease.

TABLE 17.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

INDUSTRY AND CITY.	COAL.		Coke (tons 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	GAS (1,000 cubic feet).	
	Anthracite (tons 2,240 pounds).	Bituminous (tons 2,000 pounds).				Natural.	Manufactured.
Smelting and refining, copper		285,005	39,963	3,708			
Smelting, lead		7,596	15,366	1,715	38		
Sugar, beet		17,368	729				
All other industries	72	12,696	151	6,946	614	87,391	2,866
Total for cities	145	74,512	3,535	8,015	170		6,627
ANACONDA		4,899	44		14		
BILLINGS	10	17,819	1,137	4,050	74		2,391
BUTTE		13,826	811		47		1,306
GREAT FALLS		24,289	617	3,028			1,414
HELENA	135	9,319	727	937	26		96
MISSOULA		4,360	199		9		1,420

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for four of these industries in Montana are here presented.

Flour-mill and gristmill products (Table 18).—Wheat flour, the chief product of the industry, represented 84.2 per cent of the total value in 1919, 80.1 per cent in 1914, and 85.5 per cent in 1909. As illustrative of the high prices of commodities in 1919, as compared with 1914, the quantity of wheat flour increased 45.9 per cent during that five-year period, while the value shows a gain of 252 per cent.

TABLE 18.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$16,386,055	$4,890,275	$2,175,236
Wheat flour:			
Barrels	1,271,861	871,918	375,440
Value	$13,794,193	$3,919,318	$1,860,681
Rye flour:			
Barrels	138	799	856
Value	$1,494	$2,836	$4,794
Corn meal and corn flour:			
Barrels	10	318	
Value	$100	$1,509	
Buckwheat flour:			
Pounds	2,325		
Value	$186		
Bran and middlings:			
Tons	46,202	34,543	14,036
Value	$1,689,705	$663,076	$266,822
Feed and offal:			
Tons	7,427	8,771	
Value	$439,920	$214,252	
Hominy and grits:			
Pounds	1,000		
Value	$100		
Oatmeal:			
Pounds	6,995,200	334,200	
Value	$342,709	$14,725	
Breakfast foods:			
Pounds	1,867,746	606,448	
Value	$117,378	$15,059	(1)
All other cereal products, value	$270		
All other products, value		$59,500	$42,939

[1] Not reported separately.

Lumber and timber products (Table 19).—The production of western yellow pine lumber reported for 1919 was 108,548 M feet board measure, or 37.8 per cent, of the total for the state. Larch was next in importance, contributing 101,714 M feet, or 35.4 per cent. The cut of Douglas fir was 40,675 M feet, or 14.2 per cent, and spruce 34,064 M feet, or 11.9 per cent. Other species, which combined, represented less than 1 per cent of the total, were cottonwood, white fir, Idaho white pine, lodge-pole pine, cedar, and hemlock.

TABLE 19.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY.		
	1919	1914	1909
Lumber ... M feet b. m.	287,378	[1] 317,842	308,582
Lath ... thousands	21,362	(2)	35,430
Shingles ... thousands	253	(2)	525

[1] Does not include data for custom mills. [2] Not reported.

Slaughtering and meat packing (Table 20).—This table gives the quantity and value of the principal products of the industry reported at the censuses of 1919, 1914, and 1909.

The product was largely fresh meat, only a small proportion having been cured. There has been, however, a very large increase in cured pork during the periods for which statistics are presented in the table. In 1909 the value of cured pork represented only 1.6 per cent of the total value of products; in 1914, 4.7 per cent; while in 1919 it formed 12 per cent.

All products show increases in the last census period except mutton and lamb. This class shows a decrease of 959,190 pounds in meat production, but an increase of $31,592 in value, while the pelts decreased 22,193 in number, but increased $35,444 in value.

TABLE 20.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909[1]
Products, total value	$6,858,703	$2,119,539	$2,053,609
Fresh meat:			
Beef—			
Pounds	16,962,467	10,111,419	12,253,541
Value	$2,890,636	$1,063,814	$1,043,864
Veal—			
Pounds	1,597,812	186,806	1,815,825
Value	$284,650	$23,689	$175,256
Mutton and lamb—			
Pounds	1,622,989	2,582,179	2,365,440
Value	$304,805	$273,213	$240,720
Pork—			
Pounds	4,730,542	2,308,259	2,171,894
Value	$1,058,018	$266,426	$246,118
Edible offal, and all other fresh meat[2]—			
Pounds	586,720	170,953	52,500
Value	$96,586	$10,129	$3,148
Pork, pickled and other cured:			
Pounds	2,440,720	685,800	214,000
Value	$822,434	$99,023	$33,081
Sausage:			
Pounds	1,090,379	234,700	446,738
Value	$200,930	$22,080	$36,969
Lard:			
Pounds	924,625	455,971	145,319
Value	$248,679	$38,321	$21,122
Tallow:			
Pounds	1,008,128	636,906	874,310
Value	$114,690	$39,047	$38,773
Hides and pelts:			
Cattle—			
Number	31,363	15,358	
Pounds	1,877,597	1,005,015	
Value	$555,499	$147,511	31,022
Calf—			1,505,935
Number	8,573	950	$140,772
Pounds	130,710	11,976	
Value	$51,406	$2,103	
Sheep—			
Number	34,019	56,212	48,615
Value	$96,259	$60,815	$48,663
All other products, value[3]	$134,111	$73,368	$16,123

[1] Includes data for 1 establishment manufacturing sausage, to avoid disclosure of individual operations.
[2] Includes dressed poultry.
[3] Includes value of cured beef, lard compounds, meat puddings, sausage casings, fertilizer materials, and wool.

Printing and publishing (Table 21).—This table gives the number of publications and the aggregate circulation per issue for all newspapers and periodicals published in Montana during 1919, 1914, and 1909.

The large decrease in the reported circulation of weekly newspapers since 1914 is due almost wholly to the reduction in circulation, as reported, of one weekly agricultural periodical established in 1913. It is probable that the circulation figures given for this establishment at the census of 1914 represented, in part, copies sent broadcast to aid in firmly establishing the new enterprise. Of the daily newspapers, 11, with a circulation of 44,397, were published in the afternoon. All publications were printed in the English language.

TABLE 21.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	248	248	139	431,919	507,892	246,798
Daily	22	21	17	111,518	87,113	70,203
Sunday	10	7	7	88,093	60,321	48,088
Semiweekly	3	4	8	3,200	6,762	13,180
Weekly	201	203	101	186,202	292,746	92,027
Monthly[1]	12	13	6	42,906	60,950	23,300

[1] Includes 2 semimonthly publications in 1919 and 1914 and 1 in 1909.

Laundries (Table 22).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 22, however, summarizes the statistics for such laundries in the state of Montana for 1919 and 1914.

TABLE 22.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	49	42	.....
Persons engaged	1,092	920	18.7
Proprietors and firm members	34	37	.....
Salaried employees	87	64	.....
Wage earners (average number)	971	819	18.6
Primary horsepower	1,463	999	46.4
Capital	$1,373,349	$954,412	43.9
Salaries and wages	1,003,662	688,234	45.8
Salaries	163,891	88,745	84.7
Wages	839,771	599,489	40.1
Paid for contract work	100	1,600	−93.8
Rent and taxes	51,701	33,820	53.1
Cost of materials	473,189	226,350	109.1
Amount received for work done	1,894,356	1,266,552	49.6

[1] A minus sign (−) denotes decrease; percentages are omitted where base is less than 100.

Dyeing and cleaning (Table 23).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 23.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	23
Persons engaged	125
Proprietors and firm members	27
Salaried employees	4
Wage earners (average number)	94
Primary horsepower	115
Capital	$170,027
Salaries and wages	125,280
Salaries	9,790
Wages	115,490
Rent and taxes	10,700
Cost of materials	59,071
Amount received for work done	312,189

Custom sawmills and gristmills (Tables 24 and 25).—Statistics for custom sawmills and custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914. Tables 24 and 25, however, summarize the statistics for such mills for 1919 and 1909. The value of products for custom sawmills represents the amount charged for the work performed, and that for custom gristmills the selling value of the grain milled.

TABLE 24.—CUSTOM SAWMILLS: 1919 AND 1909.

	Number or amount.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	7	14	.....
Persons engaged	15	43	.....
Proprietors and firm members	10	19	.....
Wage earners (average number)	5	24	.....
Primary horsepower	269	534	−49.6
Capital	$19,400	$32,600	−40.5
Wages	4,254	8,741	−51.3
Rent and taxes	141	(2)	.....
Cost of materials	485	670	−27.6
Value of products[3]	10,792	24,249	−55.5

[1] A minus sign (−) denotes decrease. Percentages are omitted where base is less than 100.
[2] Figures not available.
[3] Amount received for work done.

TABLE 25.—CUSTOM GRISTMILLS: 1919 AND 1909.

	Number or amount.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	7	2	.....
Persons engaged	8	4	.....
Proprietors and firm members	3	3	.....
Salaried employees	1	.....	.....
Wage earners (average number)	4	1	.....
Primary horsepower	236	42	.....
Capital	$59,554	$11,600	413.4
Salaries and wages	6,930	595	1,064.7
Salaries	1,200	.....	.....
Wages	5,730	595	863.0
Rent and taxes	563	(2)	.....
Cost of materials[3]	95,954	13,190	627.5
Value of products[3]	116,073	14,175	718.9

[1] Percentages are omitted where base is less than 100.
[2] Figures not available.
[3] Includes estimate of all grain ground.

GENERAL TABLES.

Table 26 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and for cities having 10,000 inhabitants or more similar data for all industries combined. Certain kindred industries are combined in some instances for comparison with 1909.

Table 27 presents, for 1919, statistics in detail for the state as a whole and for each industry for which figures can be shown without the disclosure of individual operations, and for all industries combined in the six cities of 10,000 or more inhabitants.

TABLE 26.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

Industry.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
All industries	1919	1,290	17,160	153,491	$24,743	$122,152	$166,665
	1914	939	13,704	91,671	13,001	40,744	84,446
	1909	677	11,655	90,402	10,901	49,180	73,272
Bread and other bakery products.	1919	119	384	488	437	1,935	3,124
	1914	105	274	234	222	711	1,311
	1909	71	214	109	165	618	1,096
Brick	1919	14	145	2,139	194	200	505
	1914	17	191	1,488	183	150	474
	1909	21	189	1,135	166	83	371
Butter	1919	47	190	1,200	254	3,463	4,219
	1914	32	71	509	69	1,011	1,218
	1909	20	29	235	24	354	419
Cars and general shop construction and repairs by steam-railroad companies.	1919	30	5,312	5,689	7,477	2,891	10,957
	1914	16	3,611	5,376	3,009	2,542	5,834
	1909	12	1,913	2,670	1,538	1,086	2,811
Confectionery and ice cream	1919	37	134	218	130	452	810
	1914	27	130	95	67	272	495
Copper, tin, and sheet-iron work.	1919	34	70	22	122	293	565
	1914	20	78	21	87	161	335
	1909	9	31	5	35	65	137
Flour-mill and gristmill products.	1919	69	360	6,572	475	14,092	16,386
	1914	33	256	4,078	209	3,902	4,890
	1909	12	105	2,313	105	1,693	2,175
Foundry and machine-shop products.[1]	1919	281	885	2,613	1,348	1,181	3,551
	1914	32	402	1,308	438	508	1,270
	1909	14	316	741	354	381	986
Gas, illuminating and heating.	1919	6	63	170	99	197	487
	1914	6	59	172	58	95	266
	1909	5	48	129	41	77	190
Liquors, malt, including cereal beverages.	1919	7	46	1,002	80	134	355
	1914	19	278	2,276	391	776	2,567
	1909	21	246	2,472	359	602	2,440
Lumber and timber products.[2]	1919	183	3,869	17,220	4,930	3,987	12,197
	1914	164	2,965	20,978	2,270	2,356	6,721
	1909	155	3,106	14,337	2,185	1,865	6,334
Marble and stone work	1919	13	45	248	77	89	297
	1914	16	68	166	79	71	244
	1909	21	78	123	102	57	230
Mineral and carbonated waters.	1919	31	48	115	$67	$197	$377
	1914	22	29	62	26	49	150
	1909	22	28	105	28	51	159
Printing and publishing	1919	247	1,011	1,489	1,344	1,327	4,763
	1914	238	900	908	929	700	2,795
	1909	135	691	679	685	403	2,111
Saddlery and harness	1919	11	36	22	45	205	319
	1914	16	42	66	51	168	274
	1909	15	35	(3)	39	84	190
Slaughtering and meat packing.	1919	12	210	1,714	274	5,824	6,859
	1914	8	96	299	101	1,717	2,120
	1909	8	105	(3)	92	1,781	2,053
Tobacco, cigars	1919	29	44	4	57	145	285
	1914	70	82	4	69	118	306
	1909	53	91	.....	85	132	320
All other industries	1919	120	4,308	112,566	7,333	85,540	100,609
	1914	98	4,172	53,631	4,743	31,437	53,176
	1909	83	4,430	65,349	4,898	39,848	51,250
CITY.							
ANACONDA	1919	22	272	1,068	504	489	1,341
	1914	19	251	770	285	260	754
	1909	13	97	258	134	157	591
BILLINGS	1919	85	573	1,602	768	3,562	5,417
	1914	42	329	1,397	296	902	1,634
	1909	37	226	661	229	765	1,243
BUTTE	1919	115	930	2,017	1,204	2,823	5,262
	1914	107	659	1,226	671	1,314	2,900
	1909	66	622	1,217	649	920	2,464
GREAT FALLS	1919	73	1,157	3,345	1,485	4,056	6,851
	1914	54	706	2,145	675	1,899	3,382
HELENA	1919	52	539	658	685	1,532	3,016
	1914	53	495	691	402	709	1,482
	1909	44	420	788	362	493	1,303
MISSOULA	1919	34	908	1,580	1,245	2,452	4,296
	1914	34	417	684	382	405	1,113
	1909	26	428	594	403	402	1,171

[1] Includes "automobile repairing" and "iron and steel, welding."
[2] Includes "lumber, planing-mill products, not including planing mills connected with sawmills."
[3] Figures not available.

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments.	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	1,290	20,692	1,200	823	1,096	413	17,160	No 18,228	Ap 16,239	(3)	(3)	(3)	(3)	(3)	Dollars. 137,476,277
2	Artificial stone products	8	31	10	1		1	19	Jy 31	Fe 2	29	29				46,807
3	Automobile bodies and parts	6	11	7				4	Je [4] 6	Fe [4] 2	4	3	1			16,167
4	Automobile repairing	255	908	309	32	21	26	520	Jy 623	Ja 413	524	524				1,242,893
5	Awnings, tents, and sails	5	12	6				6	Je 11	Ja 2	6	5	1			10,175
6	Bread and other bakery products	119	585	127	22	25	27	384	Au 401	Fe [4] 369	390	259	129	1	1	1,483,647
7	Brick	14	180	9	16	9	1	145	Jy 261	De 66	155	154	1			989,367
8	Butter	47	301	24	28	36	23	190	Jy 238	Ja 134	187	165	22			1,900,458
9	Carriages and wagons, repair work only	4	10	3				7	Se 9	De 5	5	4		1		68,865
10	Cars and general shop construction and repairs by electric-railroad companies.	5	57		5	2		50	Ja 60	Oc 43	49	49				434,150
11	Cars and general shop construction and repairs by steam-railroad companies.	30	5,530		134	36	48	5,312	No 5,662	Ap 5,043	5,340	5,251	89			9,584,572
12	Cheese	6	10	5				5	Fe 8	Ja [4] 3	6	5	1			42,550
13	Confectionery and ice cream	37	195	40	8	8	5	134			153	60	91	2		398,219
14	Confectionery	19	106	22	2	5	3	74	De 94	Ja 52	94	27	66	1		221,262
15	Ice cream	18	89	18	6	3	2	60	Au 70	Fe 51	59	33	25	1		176,957
16	Copper, tin, and sheet-iron work	34	110	28	9	3		70	Se [4] 77	Fe 58	79	79				223,222
17	Flour-mill and gristmill products	69	566	33	77	67	29	360	Mh 405	Jy 244	384	376	8			9,727,396
18	Food preparations	11	29	13		1	2	13			15	9	6			71,779
19	Sweetening sirups, other than cane	8	17	11			1	5	Ja [4] 7	Fe [4] 3	6	6				51,925
20	All other	3	12	2		1	1	8	Ja 14	Oc 5	9	3	6			19,854
21	Foundry and machine-shop products	22	427	17	30	15	6	359			291	291				1,628,042
22	Machine shops	16	127	16	12	3	1	95	Jy 100	Ja [4] 91	100	100				451,437
23	All other	6	300	1	18	12	5	264	Ja 355	Au 170	191	191				1,176,605
24	Fur goods	6	32	6	4		2	20	Oc [4] 26	Je 15	24	9	15			68,726
25	Furs, dressed	3	5	3				2	(5) 2	(5) 2	2	1	1			11,695
26	Gas, illuminating and heating	6	89		9	14	3	63	Au 68	Mh 59	63	63				1,815,946
27	Ice, manufactured	5	24	5	1	2	2	14	Je 18	Ja [4] 10	14	14				74,419
28	Iron and steel, welding	4	11	5				6	Mh [4] 7	Ja [4] 5	6	6				17,525
29	Jewelry	3	6	3				3	(5) 3	(5) 3	3	3				19,050
30	Liquors, cereal beverages	7	66		13	5	2	46	Se [4] 62	Mh [4] 23	56	55	1			1,432,703
31	Lumber and timber products	153	4,107	182	75	141	16	3,693	No 4,071	Ap 3,128	5,000	4,983	16	1		12,983,837
32	Lumber, planing-mill products, not including planing mills connected with sawmills.	30	233	32	13	7	5	176	Au [4] 213	Mh 129	193	191	2			1,532,820
33	Marble and stone work, other than slate	13	76	13	5	9	4	45	My 58	Ja 25	48	48				235,698
34	Mineral and carbonated waters	31	95	27	7	10	3	48	Au 64	De 38	47	46		1		299,128
35	Patent medicines and compounds	4	13	2	2	6		3	Ja 11	Jy [4] 1	11	8	3			21,392
36	Printing and publishing, book and job	22	253	10	25	21	15	182	De 188	Fe 177	189	149	40			794,187
37	Printing and publishing, newspapers and periodicals	225	1,336	192	92	134	89	829			855	712	87	56		2,841,772
38	Printing and publishing	13	202	7	16	35	27	117	No 129	Ja 107	124	120	4			456,805
39	Printing, publishing, and job printing.	199	1,113	176	71	95	59	712	No 732	Fe 691	731	592	83	56		2,363,955
40	Publishing without printing	13	21	9	5	4	3									21,012
41	Saddlery and harness	11	57	10	5	6		36	Jy [4] 40	Ja 25	37	37				260,993
42	Slaughtering and meat packing	12	305	3	26	47	19	210	Jy [4] 222	De 193	212	196	14	2		3,371,027
43	Tobacco, cigars	29	77	33				44	Ja [4] 47	De 40	52	40	11	1		79,965
44	All other industries *	54	4,945	43	184	471	85	4,162								83,738,085

* All other industries embrace—

Artificial limbs	1	Brooms, from broom corn	1	Cleansing preparations	1	Electrical machinery, apparatus, and supplies	1
Bone and carbon black	1	Canning and preserving, vegetables	1	Clothing, men's	1	Explosives	1
Boxes, wooden packing, except cigar boxes	1	Carpets, rag	1	Coffee, roasting and grinding	2	Fertilizers	1
Brass, bronze, and copper products	2	Cement	2	Cutlery, scissors, shears, and clippers	1	Furniture, store and office fixtures	1
		Chemicals	2	Dairymen's and apiarists' supplies	1	Hand stamps	1
				Druggists' preparations	1		

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	ANACONDA	22	360	21	10	45	12	272	Ja 328	De 184	186	176	10			1,204,160
2	BILLINGS	85	792	87	49	52	31	573	Jy 626	Ja 513	578	534	39	5		3,338,108
3	BUTTE	115	1,232	95	70	80	57	930	Jy 971	Fe 875	970	800	121	49		4,018,888
4	GREAT FALLS	73	1,418	55	65	93	48	1,157	Ja 1,275	My 1,054	1,193	1,136	56	1		6,083,379
5	HELENA	52	668	41	39	27	22	539	Au 552	Mh 523	552	459	92	1		2,138,495
6	MISSOULA	34	1,018	26	38	25	21	908	Oc 1,001	Ja 789	891	857	34			3,678,651

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current. Other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919.

Expenses.								Value of products.	Value added by manufacture.	Power.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 2,316,014	*Dollars.* 2,425,441	*Dollars.* 24,742,562	*Dollars.* 555,842	*Dollars.* 410,640	*Dollars.* 1,802,125	*Dollars.* 117,594,952	*Dollars.* 4,556,972	*Dollars.* 166,664,518	*Dollars.* 44,512,594	153,491	38,865	3,234	1,484	7,996	101,912	4,297	1
2,400	490	31,402	.....	493	419	23,928	2,228	79,220	53,064	144	.....	.....	113	.....	31	.....	2
.....	.....	6,430	.....	2,080	175	14,892	592	33,893	18,409	18	.....	.....	.....	.....	18	.....	3
45,242	40,596	774,973	177	98,655	22,280	544,688	60,597	2,038,836	1,433,551	1,187	19	.....	291	5	872	1	4
.....	.....	5,898	21	2,202	332	23,336	232	42,851	19,283	9	.....	.....	.....	.....	9	.....	5
39,258	69,647	436,626	1,309	56,960	15,976	1,866,552	68,133	3,124,232	1,189,547	488	85	.....	12	.....	391	3	6
36,064	15,339	194,459	393	1,135	13,212	115,608	84,314	505,053	305,131	2,139	360	.....	.....	.....	1,779	.....	7
60,900	70,495	254,197	8,647	10,094	19,641	3,416,583	46,868	4,219,316	755,865	1,200	260	1	14	.....	925	42	8
.....	.....	10,312	.....	300	1,309	33,193	837	65,135	31,105	27	.....	.....	3	.....	24	.....	9
8,470	3,337	53,932	.....	.....	5,322	46,465	4,426	121,952	71,061	153	.....	.....	.....	.....	153	.....	10
355,745	116,348	7,477,056	.....	.....	83,234	2,673,637	216,910	10,957,439	8,066,892	5,689	3,078	.....	.....	.....	2,611	2,056	11
.....	.....	6,617	.....	.....	227	93,455	1,655	107,110	12,000	27	12	.....	12	.....	3	.....	12
17,260	19,293	129,690	1,250	25,048	7,057	435,150	17,052	809,950	357,748	218	.....	.....	5	.....	213	.....	13
3,590	13,093	61,648	1,250	11,553	2,849	207,978	5,337	392,523	179,208	53	.....	.....	2	.....	51	.....	14
13,670	6,200	68,042	.....	13,495	4,208	227,172	11,715	417,427	178,540	165	.....	.....	3	.....	162	.....	15
18,679	7,132	122,210	50	12,341	4,718	289,700	3,465	565,318	272,153	22	.....	.....	.....	.....	22	.....	16
150,609	141,556	474,533	.....	15,332	183,840	13,936,735	155,521	16,386,055	2,293,799	6,572	1,720	.....	529	250	4,073	125	17
.....	2,598	15,281	.....	3,538	1,075	41,797	1,403	96,155	52,955	28	.....	.....	8	.....	20	.....	18
.....	350	6,665	.....	.....	825	9,240	787	38,921	28,894	8	.....	.....	8	.....	.....	.....	19
.....	2,248	8,616	.....	3,538	250	32,557	616	57,234	24,061	20	.....	.....	.....	.....	20	.....	20
80,599	40,228	565,178	.....	5,755	32,287	508,974	62,697	1,494,658	922,987	1,412	.....	.....	16	.....	1,396	.....	21
29,550	5,400	117,106	.....	3,775	8,561	121,363	13,555	414,754	279,836	239	.....	.....	16	.....	223	.....	22
51,049	34,828	448,072	.....	1,980	23,726	387,611	49,142	1,079,904	643,151	1,173	.....	.....	.....	.....	1,173	.....	23
4,900	1,071	20,906	703	5,080	531	29,932	570	78,563	48,061	5	.....	.....	.....	.....	5	.....	24
.....	.....	2,531	.....	914	22	10,602	384	29,014	18,028	4	.....	.....	.....	.....	4	.....	25
22,857	22,279	98,570	.....	.....	28,556	42,906	154,293	486,767	289,568	170	170	.....	.....	.....	.....	12	26
3,000	2,706	24,270	.....	1,556	1,113	3,661	13,465	56,662	39,536	264	20	.....	.....	.....	244	.....	27
.....	.....	8,083	.....	1,781	132	3,516	685	17,948	13,747	14	.....	.....	.....	.....	14	.....	28
.....	.....	8,160	.....	1,380	51	7,485	341	27,064	19,238	6	.....	.....	.....	.....	6	.....	29
28,401	10,045	80,332	.....	950	32,638	105,715	28,752	355,140	220,673	1,002	525	13	.....	.....	464	.....	30
258,890	258,520	4,666,716	409,768	3,415	292,646	3,153,597	53,181	10,991,632	7,784,854	16,067	14,673	995	126	187	86	1,586	31
34,637	15,696	263,420	437	4,420	6,091	766,001	13,843	1,205,349	425,505	1,153	134	.....	17	.....	1,002	.....	32
12,700	17,076	77,000	670	810	5,239	84,547	4,462	296,534	207,525	248	.....	.....	2	.....	246	.....	33
12,780	11,554	66,848	.....	6,435	5,832	190,034	7,040	377,474	180,400	115	24	.....	.....	1	90	.....	34
2,100	2,000	2,675	3,000	90	212	15,317	226	34,943	19,400	8	.....	.....	7	.....	1	.....	35
63,470	34,575	223,458	373	17,186	20,892	268,004	8,564	849,810	573,242	183	.....	.....	.....	.....	183	.....	36
223,942	326,364	1,120,993	54,862	99,718	54,054	988,924	61,137	3,912,779	2,862,718	1,306	25	.....	248	3	1,030	.....	37
51,020	117,045	165,877	.....	16,274	19,429	149,437	9,341	817,315	658,537	202	.....	.....	6	.....	196	.....	38
164,044	201,761	955,116	14,652	82,126	34,576	839,447	51,790	3,017,805	2,126,568	1,104	25	.....	242	3	834	.....	39
8,878	7,558	.....	40,210	1,318	49	40	6	77,659	77,613	.....	.....	.....	.....	.....	.....	.....	40
12,385	9,269	45,155	.....	4,388	4,906	203,376	1,633	318,734	113,725	22	.....	.....	6	.....	16	.....	41
71,234	121,885	273,955	.....	7,470	30,784	5,774,590	49,554	6,858,703	1,034,559	1,714	330	.....	15	.....	1,369	.....	42
.....	.....	57,341	.....	8,525	22,381	143,662	1,814	285,338	139,862	4	.....	.....	.....	.....	4	.....	43
749,492	1,065,342	7,143,355	74,182	12,589	904,941	81,738,390	3,430,098	99,834,891	14,666,403	111,873	17,430	2,225	60	7,550	84,608	472	44

Lapidary work..... 2
Lime..... 2
Looking-glass and picture frames..... 2
Mattresses and spring beds..... 2
Minerals and earths, ground or otherwise treated..... 1
Models and patterns, not including paper patterns..... 1
Optical goods, lenses..... 2
Paving materials..... 1
Perfumery and cosmetics..... 1
Phonographs and graphophones..... 1
Photo-engraving..... 2
Pickles and sauces..... 1
Shipbuilding, wooden, including boat building..... 1
Smelting and refining, copper..... 3
Smelting, lead..... 1
Soap..... 1
Springs, steel, automobile..... 2
Structural ironwork, not made in steel works or rolling mills..... 1
Sugar, beet..... 1
Vinegar and cider..... 1
Wood preserving..... 1

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

54,929	85,405	504,418	96,613	4,322	17,157	450,264	38,893	1,340,695	851,538	1,068	46	.....	.....	22	1,000	.....	1
115,508	81,818	767,705	6,697	52,214	58,164	3,464,471	97,592	5,417,140	1,855,077	1,602	742	.....	.....	.....	860	75	2
180,815	190,376	1,204,213	2,883	73,323	67,858	2,683,828	138,709	5,261,592	2,439,055	2,017	270	.....	.....	.....	1,747	12	3
159,192	220,531	1,485,197	13,912	48,296	131,302	3,915,126	140,595	6,850,837	2,795,116	3,345	285	13	.....	1	3,046	.....	4
98,028	79,850	685,369	18,355	28,030	25,336	1,463,041	69,419	3,016,238	1,483,778	658	115	1	2	.....	540	.....	5
100,079	65,552	1,245,338	1,950	33,374	28,257	2,409,258	42,973	4,296,371	1,844,140	1,580	440	.....	10	.....	1,130	.....	6

[1] No figures given for reasons stated under "Explanation of terms."
[2] Same number reported for one or more other months.
[3] Same number reported throughout the year.

NEBRASKA.

GENERAL STATISTICS.

General character of the state.—Nebraska has a gross area of 77,520 square miles, of which 76,808 represent land surface. The inhabitants of the state in 1900 numbered 1,066,300; in 1910, 1,192,214; and in 1920, 1,296,372. In total population Nebraska ranked thirty-first among the states in 1920. The number of inhabitants per square mile in 1910 was 15.5, the corresponding figures for 1920 being 16.9.

In 1920 there were five cities in the state—Grand Island, Hastings, Lincoln, North Platte, and Omaha—having more than 10,000 inhabitants. These five cities, the combined population of which in that year was 282,609, formed 21.8 per cent of the total for Nebraska, and in 1919 reported 81.7 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The large increases in salaries and wages, cost of materials, and the value of products, from 1914 to 1919, as presented in Table 1, are largely due to the change in industrial conditions brought about by the World War, and therefore can not properly be used to measure the growth of manufactures during the census period 1914 to 1919. The increases shown, however, in number of wage earners, horsepower, and number of establishments, are indicative of a decided growth in the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. Of the 93 counties in the state, Douglas County alone, which contains the city of Omaha, reported 76.5 per cent of the total value of products in the state in 1919 and 59 per cent of the average number of wage earners.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is not always satisfactory as indicating their importance from a manufacturing standpoint. Their ranking would change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the methods described in the "Explanation of terms." The classification by sex, for 1919, was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 27.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 200 wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products, for cities of 10,000 inhabitants or more (Table 6).—General increases are shown in practically all of the details for the five cities included in this table from 1914 to 1919.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined, and also for the cities of Grand Island, Hastings, Lincoln, North Platte, and Omaha. There were a number of industries in the state in 1919 in which the number of female wage earners predominated. The five cities combined reported a slightly larger proportion of the female wage earners than the state as a whole, 16.6 per cent as compared with 14.4 per cent for the state.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Nebraska. In that year 17.6 per cent of the wage earners were included in the group "48 and under," as against 47.4 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 46.4 per cent of the total wage earners, as compared with 22 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 98.3 per cent were in the several classes having less than 101 wage earners, while such establishments employed but 39.6 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 1.7 per cent of the total number of manufacturing establishments in the state, but reported 60.4 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at $100,000 to $1,000,000 constituted one group, but at the census of 1919 this group was subdivided into "$100,000 to $500,000" and "$500,000 to $1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for

1914. The table, therefore, gives combined figures for these two groups in the case of all items for 1909, and in the case of average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine the establishments of one group of the industry with those of some other group of that industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table. Although corporations owned but 22.5 per cent of the number of establishments in the state in 1919, they reported 86.3 per cent of the average number of wage earners and 93.3 per cent of the total value of products. During the five-year period 1914 to 1919, the average number of wage earners in corporations increased 10,551, or 50.3 per cent, and the value of products, $352,546,921, or 173.3 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the five cities in 1919 represented 30.8 per cent of the total in the state. They reported in that year 70.7 per cent of the average number of wage earners and 81.7 per cent of the total value of products.

Principal industries in Lincoln and Omaha, with per cent of total for the state (Table 16).—This table includes all industries in Lincoln and Omaha having products of $600,000 and over, the figures being given for those which can be shown without disclosing the operations of individual establishments.

It is deemed of first importance to present the statistics of the state as a whole for all industries which can be shown without disclosing the operations of individual establishments. In so doing, however, it sometimes happens that quite important industries can not be shown in the city, since to do so might disclose the operations of establishments located outside, by the simple deduction of the totals shown for the industry in the city from that given in the detailed state table.

No slaughtering and meat packing was reported for Omaha in 1914. The establishments in this industry are almost wholly located in what was South Omaha in 1914, which city has been annexed to Omaha since that census.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 36,529 horsepower, or 40.9 per cent. This increase, however, is chiefly due to the gain of 27,401 horsepower, or 145.6 per cent, in rented power. The owned power increased 9,128 horsepower, or 13 per cent, during the five-year period.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914 and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. There was a decided increase in the quantities of each of the several kinds of fuel used in 1919 as compared with 1914, except for anthracite coal, which decreased. In 1919, of the total anthracite coal consumed, 57.5 per cent was used in the bakeries, food preparations, printing, and ice manufacture; two industries combined—steam-railroad repair shops and slaughtering and meat packing—consumed 51 per cent of the bituminous coal; the manufacture of gas and the smelting and refining of lead consumed 74.1 per cent of the coke; and of the fuel oils, three industries—chemicals, gas, and lead smelters—used 69.1 per cent.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	2,884	2,492	2,500	1,819	1,695	15.7	—0.3	37.4	7.3
Persons engaged	49,076	33,695	31,966	25,356	(2)	45.6	5.4	26.1	.....
Proprietors and firm members	2,916	2,472	2,522	1,904	(2)	18.0	—2.0	32.5	.....
Salaried employees	9,639	6,079	5,108	3,192	2,296	58.6	19.0	60.0	39.0
Wage earners (average number)	36,521	25,144	24,336	20,260	18,669	45.2	3.3	20.1	8.5
Primary horsepower	125,814	89,285	64,466	46,372	41,825	40.9	38.5	39.0	10.9
Capital	$245,256,684	$121,007,944	$99,901,089	$80,235,310	$65,906,052	102.7	21.1	24.5	21.7
Salaries and wages	61,808,692	24,010,977	19,438,719	14,097,060	10,949,680	157.4	23.5	37.9	28.7
Salaries	15,741,937	7,117,632	5,490,874	3,074,911	2,107,251	121.2	29.6	78.6	45.9
Wages	46,066,755	16,893,345	13,947,845	11,022,149	8,842,429	172.7	21.1	26.5	24.6
Paid for contract work	1,398,349	451,983	411,727	190,688	(2)	209.4	9.8	115.9	.....
Rent and taxes	8,566,092	4,431,217	3,453,689	[3] 610,575	(2)	93.3	28.3	.....	.....
Cost of materials	480,774,122	174,113,684	151,080,971	124,051,628	95,925,178	176.1	15.2	21.8	29.3
Value of products	596,042,498	221,615,848	199,018,579	154,918,220	130,302,453	169.0	11.4	28.5	18.9
Value added by manufacture[4]	115,268,376	47,502,164	47,937,608	30,866,592	34,377,275	142.7	—0.9	55.3	—10.2

[1] A minus sign (—) denotes decrease. [2] Figures not available. [3] Exclusive of internal revenue. [4] Value of products less cost of materials.

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	2,884	36,521	$46,066,755	$8,566,092	$480,774,122	$596,042,498	$115,268,376	125,814
Adams	65	715	719,322	96,362	3,039,892	4,531,123	1,491,231	2,130
Antelope	26	54	45,952	5,188	519,448	678,105	158,657	850
Boone	29	46	55,273	10,436	673,247	892,616	219,369	568
Box Butte	18	425	745,887	7,745	1,108,070	2,018,761	910,691	386
Boyd	12	7	6,575	1,486	113,415	146,458	33,043	238
Brown	12	72	113,622	4,039	97,410	243,108	145,698	49
Buffalo	42	132	123,134	35,333	2,626,342	3,087,048	460,706	1,589
Burt	28	31	40,487	6,284	102,753	205,302	102,549	198
Butler	34	51	57,932	7,487	401,647	519,994	118,347	624
Cass	51	664	861,975	31,903	1,104,139	2,285,315	1,181,176	3,163
Cedar	26	41	45,786	5,525	201,559	327,614	126,055	466
Chase	5	9	9,109	2,413	206,038	237,433	31,395	327
Cherry	11	21	19,825	6,149	120,677	166,296	45,619	431
Cheyenne	15	85	143,669	4,675	70,730	259,650	188,920	138
Clay	36	83	82,951	8,899	493,314	692,971	199,657	815
Colfax	26	141	145,392	57,762	5,264,176	6,251,327	987,151	974
Cuming	32	43	48,906	7,570	300,741	448,015	147,274	426
Custer	33	41	43,418	8,799	219,419	336,029	116,610	529
Dakota	6	4	4,140	498	8,639	23,643	15,004	24
Dawes	18	289	488,003	10,780	482,038	1,120,649	638,611	406
Dawson	33	92	120,251	34,992	2,122,218	2,474,348	352,130	1,187
Deuel	4	12	15,420	1,150	103,163	132,326	29,163	69
Dixon	22	30	34,929	2,826	77,260	144,537	67,277	150
Dodge	90	534	564,690	73,371	4,901,543	6,272,618	1,371,075	2,313
Douglas	596	21,543	27,562,401	4,873,077	385,905,594	455,859,379	69,953,785	58,086
Dundy	10	7	6,925	1,482	96,366	143,146	46,780	81
Fillmore	36	118	103,791	10,037	198,082	439,473	241,391	344
Franklin	25	36	30,966	108,095	313,640	458,013	144,373	394
Frontier	9	11	11,115	1,419	201,207	228,811	27,604	162
Furnas	17	23	22,583	2,031	188,907	259,850	70,943	168
Gage	66	825	882,334	79,883	6,772,519	8,599,545	1,827,026	1,965
Garden	6	8	12,394	914	8,455	33,453	24,998	22
Garfield	5	3	3,220	396	66,638	83,031	16,393	58
Greeley	18	19	22,436	2,501	367,010	432,988	65,978	333
Hall	64	882	1,346,108	134,161	4,486,618	7,016,019	2,529,401	2,520
Hamilton	20	55	56,002	8,747	160,254	294,364	134,110	198
Harlan	13	19	23,218	2,147	559,568	646,413	86,845	121
Hitchcock	6	6	3,120	727	69,261	84,395	15,134	70
Holt	23	28	27,420	3,363	84,091	158,872	74,781	295
Howard	21	22	24,536	4,288	325,140	419,361	94,221	298
Jefferson	42	361	470,809	21,509	917,494	1,603,157	685,663	1,033
Johnson	31	34	42,347	3,256	195,798	305,090	109,292	197
Kearney	17	37	51,031	4,582	263,957	386,285	122,328	150
Keith	3	7	5,440	1,148	4,370	23,350	18,980	9
Kimball	7	17	21,542	2,673	35,262	81,397	46,135	456
Knox	27	38	39,346	6,196	303,403	427,521	124,118	407
Lancaster	256	3,995	4,792,534	562,971	19,545,504	31,416,742	11,871,238	10,423
Lincoln	25	386	702,321	13,363	720,588	1,582,630	862,042	1,318
Logan	4	3	4,100	559	5,079	19,750	14,671	18
Madison	78	418	552,918	31,959	1,662,618	2,596,385	933,767	1,335
Merrick	31	47	44,106	10,760	258,158	391,945	133,787	371
Morrill	16	161	238,823	434,702	1,583,524	2,881,059	1,297,535	2,046
Nance	19	22	23,881	4,411	108,233	169,878	61,645	116
Nemaha	23	53	48,362	7,273	155,368	263,316	107,948	300
Nuckolls	42	277	230,210	26,993	1,295,602	1,639,730	344,128	643
Otoe	56	751	781,832	274,104	12,834,046	15,570,409	2,736,363	2,205
Pawnee	16	50	57,192	2,679	111,050	214,490	103,440	428
Perkins	4	.....	.....	166	19,721	35,090	15,369	21
Phelps	23	61	60,746	7,362	374,384	527,741	153,357	411
Pierce	11	17	20,356	3,206	159,408	214,886	55,478	331
Platte	47	132	191,404	25,459	852,136	1,304,253	452,117	934
Polk	25	26	25,958	3,716	91,030	163,803	72,773	135
Redwillow	23	297	428,105	6,584	340,607	884,100	543,493	337
Richardson	36	327	421,774	11,319	833,991	1,463,726	629,735	1,152
Saline	45	211	199,280	60,309	3,371,695	5,165,384	1,793,689	1,184
Sarpy	12	45	61,492	27,928	416,254	607,734	191,480	622
Saunders	36	65	62,166	13,652	291,563	524,625	233,062	542
Scotts Bluff	34	580	860,711	1,233,929	4,841,026	9,090,651	4,249,625	6,145
Seward	26	62	58,346	12,464	735,470	910,927	175,457	960
Sheridan	20	282	375,319	21,008	943,217	2,127,032	1,183,815	5,822
Sherman	17	23	21,715	4,861	440,570	501,018	60,448	121
Stanton	14	17	22,543	4,146	149,498	210,072	60,574	168
Thayer	39	150	129,908	9,411	567,394	912,030	344,636	497
Thomas	3	1	1,500	232	2,559	7,605	5,046	3
Thurston	17	13	15,272	4,491	37,293	78,859	41,566	69
Valley	19	22	24,601	3,151	185,561	266,403	80,842	158
Washington	35	117	97,703	11,487	648,591	952,540	303,949	625
Wayne	24	34	46,266	4,873	204,199	335,092	130,893	160
Webster	11	14	17,248	3,263	196,030	252,842	56,812	150
York	39	119	122,589	15,997	821,431	1,137,250	315,819	539
All other counties [1]	22	22	19,140	2,100	89,212	143,302	54,090	108

[1] All other counties include Arthur, Banner, Blaine, Gosper, Grant, Hayes, Hooker, Keyapaha, Loup, McPherson, Rock, Sioux, and Wheeler.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries	2,884	36,521	100.0	$596,042	100.0	$115,268	100.0
Slaughtering and meat packing	16	10,122	27.7	303,849	51.0	32,387	28.1
Flour-mill and gristmill products	218	1,063	2.9	53,521	9.0	5,962	5.2
Butter	51	1,063	2.9	37,241	6.2	5,554	4.8
Cars and general shop construction and repairs by steam-railroad companies	24	6,178	16.9	17,909	3.0	10,692	9.3
Bread and other bakery products	324	1,624	4.4	13,313	2.2	5,690	4.9
Printing and publishing, newspapers and periodicals	554	1,522	4.2	10,179	1.7	7,175	6.2
Foundry and machine shop products	67	713	2.0	5,164	0.9	2,764	2.4
Printing and publishing, book and job	133	954	2.6	4,897	0.8	3,032	2.6
Automobile repairing	499	1,134	3.1	4,550	0.8	2,622	2.3
Confectionery and ice cream	53	607	1.7	3,666	0.6	1,415	1.2
Food preparations, not elsewhere specified	22	251	0.7	3,255	0.5	1,021	0.9
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	4	64	0.2	3,009	0.5	250	0.2
Coffee, roasting and grinding	9	160	0.4	2,637	0.4	587	0.5
Gas, illuminating and heating	20	291	0.8	2,446	0.4	1,311	1.1
Chemicals	12	300	0.8	2,305	0.4	1,335	1.2
Structural ironwork, not made in steel works or rolling mills	9	412	1.1	2,253	0.4	983	0.9
Windmills	4	455	1.2	2,203	0.4	917	0.8
Lumber, planing-mill products, not including planing mills connected with sawmills	29	422	1.2	2,182	0.4	970	0.8
Clothing, men's	5	496	1.4	1,967	0.3	964	0.8
Automobile bodies and parts	20	327	0.9	1,723	0.3	686	0.6
Marble and stone work	45	161	0.4	$1,474	0.2	$773	0.7
Saddlery and harness	53	127	0.3	1,434	0.2	533	0.5
Paints	5	58	0.2	1,308	0.2	625	0.5
Tobacco, cigars	82	428	1.2	1,133	0.2	478	0.4
Patent medicines and compounds	29	107	0.3	1,111	0.2	647	0.6
Boxes, paper and other, not elsewhere specified	3	225	0.6	1,067	0.2	426	0.4
Brick and terra-cotta products	29	402	1.1	1,065	0.2	825	0.7
Copper, tin, and sheet-iron work	49	156	0.4	1,028	0.2	468	0.4
Condensed milk	6	58	0.2	1,004	0.2	360	0.3
Mineral and carbonated waters	64	108	0.3	952	0.2	426	0.4
Ice, manufactured	33	257	0.7	947	0.2	617	0.5
Artificial stone products	107	213	0.6	947	0.2	502	0.4
Brooms, from broom corn	16	205	0.6	945	0.2	452	0.4
Liquors, cereal beverages	6	148	0.4	935	0.2	562	0.5
Rubber goods, not elsewhere specified	3	124	0.3	930	0.2	353	0.3
Druggists' preparations	11	89	0.2	929	0.1	595	0.5
Awnings, tents, and sails	9	127	0.3	796	0.1	319	0.3
Fur goods	7	93	0.3	713	0.1	324	0.3
Canning and preserving, fruits and vegetables	9	147	0.4	669	0.1	150	0.1
Mattresses and spring beds, not elsewhere specified	7	93	0.3	661	0.1	265	0.2
Grease and tallow, not including lubricating greases	3	33	0.1	615	0.1	204	0.2
Boxes, wooden packing, except cigar boxes	6	99	0.3	556	0.1	251	0.2
All other industries[1]	229	4,915	13.5	96,554	16.2	18,796	16.3

[1] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are a number having products in excess of some for which figures are shown in the table. Of these industries, the most important are the following: "Automobiles"; "bags, other than paper, not including bags made in textile mills"; "engines, steam, gas, and water"; "pumps, not including power pumps"; "smelting and refining, lead"; "soap"; and "sugar, beet."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	49,076	41,379	7,697	84.3	15.7
	1914	33,695	28,682	5,013	85.1	14.9
	1909	31,966	27,557	4,409	86.2	13.8
Proprietors and officials	1919	5,137	4,940	197	96.2	3.8
	1914	3,856	3,703	153	96.0	4.0
	1909	3,686	3,572	114	96.9	3.1
Proprietors and firm members	1919	2,916	2,786	130	95.5	4.5
	1914	2,472	2,364	108	95.6	4.4
	1909	2,522	2,425	97	96.2	3.8
Salaried officers of corporations	1919	741	711	30	96.0	4.0
	1914	509	493	16	96.9	3.1
	1909	342	334	8	97.7	2.3
Superintendents and managers	1919	1,480	1,443	37	97.5	2.5
	1914	875	846	29	96.7	3.3
	1909	822	813	9	98.9	1.1
Clerks and other subordinate salaried employees	1919	7,418	5,164	2,254	69.6	30.4
	1914	4,695	3,539	1,156	75.4	24.6
	1909	3,944	3,044	900	77.2	22.8
Wage earners (average number)	1919	36,521	31,275	5,246	85.6	14.4
	1914	25,144	21,440	3,704	85.3	14.7
	1909	24,336	20,941	3,395	86.0	14.0
16 years of age and over	1919	36,308	31,094	5,214	85.6	14.4
	1914	25,043	21,355	3,688	85.3	14.7
	1909	24,119	20,763	3,356	86.1	13.9
Under 16 years of age	1919	213	181	32	85.0	15.0
	1914	101	85	16	84.2	15.8
	1909	217	178	39	82.0	18.0

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	36,521	85.1	14.3	0.6
	1914	25,144	84.9	14.7	0.4
	1909	24,336	85.3	13.8	0.9
Artificial stone products	1919	213	100.0	.....	.....
	1914	337	99.7	0.3	.....
Automobile bodies and parts	1919	327	92.7	7.0	0.3
	1914	34	88.2	11.8	.....
Automobile repairing	1919	1,134	99.5	0.4	0.2
	1914	8	100.0	.....	.....
Boxes, paper and other, not elsewhere specified.[1]	1919	225	61.8	38.2	.....
Bread and other bakery products	1919	1,624	62.1	36.1	1.8
	1914	1,140	67.2	32.1	0.7
Brick and terra-cotta products	1919	402	98.5	0.2	1.2
	1914	489	98.4	.....	1.6
Brooms, from broom corn	1919	205	63.9	27.8	8.3
	1914	154	91.6	8.4	.....
Butter	1919	1,053	79.3	20.6	0.1
	1914	696	76.6	23.4	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	6,178	99.3	0.7	.....
	1914	4,111	100.0	.....	.....
Chemicals [1]	1919	300	98.0	2.0	.....
Clothing, men's [1]	1919	496	8.3	91.3	0.4
Confectionery and ice cream	1919	607	44.6	55.2	0.2
	1914	399	45.4	54.6	.....
Flour-mill and gristmill products	1919	1,063	96.8	3.2	.....
	1914	682	99.7	0.3	.....
Food preparations, not elsewhere specified	1919	251	71.7	28.3	.....
	1914	283	81.3	18.4	0.4
Foundry and machine-shop products [2]	1919	715	99.6	0.4	.....
	1914	735	99.7	0.1	0.1
Gas, illuminating and heating	1919	291	99.7	0.3	.....
	1914	354	99.7	0.3	.....
Ice, manufactured	1919	257	99.2	0.8	.....
	1914	102	99.0	1.0	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	422	99.5	0.5	.....
	1914	413	99.0	0.7	0.2
Printing and publishing, book and job	1919	954	71.6	28.1	0.3
	1914	802	73.7	25.7	0.6
Printing and publishing, newspapers and periodicals.	1919	1,522	73.5	22.0	4.5
	1914	1,592	78.1	20.1	1.8
Slaughtering and meat packing	1919	10,122	89.6	10.3	0.1
	1914	5,713	92.2	7.5	0.3
Structural ironwork, not made in steel works or rolling mills.	1919	412	99.3	0.7	.....
	1914	259	100.0	.....	.....
Tobacco, cigars	1919	428	36.7	60.0	3.3
	1914	505	62.0	35.8	2.2
Windmills [1]	1919	455	99.3	0.7	.....
All other industries	1919	6,865	79.1	20.1	0.9
	1914	6,336	72.4	27.3	0.4

[1] Not shown separately in 1914.

[2] Includes "iron and steel, welding."

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. Total.			16 years of age and over. Male.			Female.			Under 16 years of age.			VALUE OF PRODUCTS.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
Grand Island	733	460	576	648	357	439	85	100	109	.....	3	28	$5,045,243	$2,100,700	$1,673,669
Hastings	658	416	.....	482	287	.....	172	129	.....	4	.....	.....	4,319,490	1,610,638	.....
Lincoln	2,743	1,821	2,140	2,124	1,452	1,605	603	364	512	16	5	23	23,368,050	10,025,190	7,010,135
North Platte	378	.....	.....	368	.....	.....	5	.....	.....	5	.....	.....	1,516,439	.....	.....
Omaha	21,304	8,922	8,023	17,858	6,808	6,324	3,393	2,091	1,669	53	23	30	452,236,634	66,438,041	60,854,550

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909	MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909
January	36,545	24,159	*22,138*	95.7	90.2	85.3	July	36,576	25,726	24,742	95.8	96.0	95.4
February	35,032	*23,704*	23,263	91.7	88.5	89.7	August	37,683	**26,795**	25,628	98.7	100.0	98.8
March	*34,430*	24,103	22,994	90.2	90.0	88.6	September	37,760	26,210	**25,945**	98.9	97.8	100.0
April	34,938	24,560	23,744	91.5	91.6	91.5	October	37,836	26,017	25,373	99.1	97.1	97.8
May	34,748	25,147	24,277	91.0	93.8	93.6	November	38,038	24,852	24,929	99.6	92.7	96.1
June	36,477	25,802	24,748	95.5	96.3	95.4	December	38,189	24,653	24,251	100.0	92.0	93.5

[1] The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by **bold-faced** figures, minimum by *italic* figures.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries	2,884	36,521	100.0	$596,042	100.0	$115,268	100.0
Slaughtering and meat packing	16	10,122	27.7	303,849	51.0	32,387	28.1
Flour-mill and gristmill products	218	1,063	2.9	53,521	9.0	5,962	5.2
Butter	51	1,063	2.9	37,241	6.2	5,554	4.8
Cars and general shop construction and repairs by steam-railroad companies	24	6,178	16.9	17,909	3.0	10,692	9.3
Bread and other bakery products	324	1,624	4.4	13,313	2.2	5,690	4.9
Printing and publishing, newspapers and periodicals	554	1,522	4.2	10,179	1.7	7,175	6.2
Foundry and machine shop products	67	713	2.0	5,164	0.9	2,764	2.4
Printing and publishing, book and job	133	954	2.6	4,897	0.8	3,032	2.6
Automobile repairing	499	1,134	3.1	4,550	0.8	2,622	2.3
Confectionery and ice cream	53	607	1.7	3,666	0.6	1,415	1.2
Food preparations, not elsewhere specified	22	251	0.7	3,255	0.5	1,021	0.9
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	4	64	0.2	3,009	0.5	250	0.2
Coffee, roasting and grinding	9	160	0.4	2,637	0.4	587	0.5
Gas, illuminating and heating	20	291	0.8	2,446	0.4	1,311	1.1
Chemicals	12	300	0.8	2,305	0.4	1,335	1.2
Structural ironwork, not made in steel works or rolling mills	9	412	1.1	2,253	0.4	983	0.9
Windmills	4	455	1.2	2,203	0.4	917	0.8
Lumber, planing-mill products, not including planing mills connected with sawmills	29	422	1.2	2,182	0.4	970	0.8
Clothing, men's	5	496	1.4	1,967	0.3	964	0.8
Automobile bodies and parts	20	327	0.9	1,723	0.3	686	0.6
Marble and stone work	45	161	0.4	$1,474	0.2	$773	0.7
Saddlery and harness	53	127	0.3	1,434	0.2	533	0.5
Paints	5	58	0.2	1,308	0.2	625	0.5
Tobacco, cigars	82	428	1.2	1,133	0.2	478	0.4
Patent medicines and compounds	20	107	0.3	1,111	0.2	647	0.6
Boxes, paper and other, not elsewhere specified	3	225	0.6	1,067	0.2	426	0.4
Brick and terra-cotta products	29	402	1.1	1,065	0.2	825	0.7
Copper, tin, and sheet-iron work	49	156	0.4	1,028	0.2	468	0.4
Condensed milk	6	58	0.2	1,004	0.2	360	0.3
Mineral and carbonated waters	64	108	0.3	952	0.2	426	0.4
Ice, manufactured	33	257	0.7	947	0.2	617	0.5
Artificial stone products	107	213	0.6	947	0.2	502	0.4
Brooms, from broom corn	16	205	0.6	945	0.2	452	0.4
Liquors, cereal beverages	6	148	0.4	935	0.2	562	0.5
Rubber goods, not elsewhere specified	3	124	0.3	930	0.2	353	0.3
Druggists' preparations	11	89	0.2	929	0.1	595	0.5
Awnings, tents, and sails	9	127	0.3	796	0.1	319	0.3
Fur goods	7	93	0.3	713	0.1	324	0.3
Canning and preserving, fruits and vegetables	9	147	0.4	669	0.1	150	0.1
Mattresses and spring beds, not elsewhere specified	7	93	0.3	661	0.1	265	0.2
Grease and tallow, not including lubricating greases	3	33	0.1	615	0.1	204	0.2
Boxes, wooden packing, except cigar boxes	6	99	0.3	556	0.1	251	0.2
All other industries[1]	229	4,915	13.5	96,554	16.2	18,796	16.3

[1] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are a number having products in excess of some for which figures are shown in the table. Of these industries, the most important are the following: "Automobiles"; "bags, other than paper, not including bags made in textile mills"; "engines, steam, gas, and water"; "pumps, not including power pumps"; "smelting and refining, lead"; "soap"; and "sugar, beet."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	49,076	41,379	7,697	84.3	15.7
	1914	33,695	28,682	5,013	85.1	14.9
	1909	31,966	27,557	4,409	86.2	13.8
Proprietors and officials	1919	5,137	4,940	197	96.2	3.8
	1914	3,856	3,703	153	96.0	4.0
	1909	3,686	3,572	114	96.9	3.1
Proprietors and firm members	1919	2,916	2,786	130	95.5	4.5
	1914	2,472	2,364	108	95.6	4.4
	1909	2,522	2,425	97	96.2	3.8
Salaried officers of corporations	1919	741	711	30	96.0	4.0
	1914	509	493	16	96.9	3.1
	1909	342	334	8	97.7	2.3
Superintendents and managers	1919	1,480	1,443	37	97.5	2.5
	1914	875	846	29	96.7	3.3
	1909	822	813	9	98.9	1.1
Clerks and other subordinate salaried employees.	1919	7,418	5,164	2,254	69.6	30.4
	1914	4,695	3,539	1,156	75.4	24.6
	1909	3,944	3,044	900	77.2	22.8
Wage earners (average number)	1919	36,521	31,275	5,246	85.6	14.4
	1914	25,144	21,440	3,704	85.3	14.7
	1909	24,336	20,941	3,395	86.0	14.0
16 years of age and over	1919	36,308	31,094	5,214	85.6	14.4
	1914	25,043	21,355	3,688	85.3	14.7
	1909	24,119	20,763	3,356	86.1	13.9
Under 16 years of age	1919	213	181	32	85.0	15.0
	1914	101	85	16	84.2	15.8
	1909	217	178	39	82.0	18.0

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	36,521	85.1	14.3	0.6
	1914	25,144	84.9	14.7	0.4
	1909	24,336	85.3	13.8	0.9
Artificial stone products	1919	213	100.0	.....	.....
	1914	337	99.7	0.3	.....
Automobile bodies and parts	1919	327	92.7	7.0	0.3
	1914	34	88.2	11.8	.....
Automobile repairing	1919	1,134	99.5	0.4	0.2
	1914	8	100.0	.....	.....
Boxes, paper and other, not elsewhere specified.[1]	1919	225	61.8	38.2	.....
Bread and other bakery products	1919	1,624	62.1	36.1	1.8
	1914	1,140	67.2	32.1	0.7
Brick and terra-cotta products	1919	402	98.5	0.2	1.2
	1914	489	98.4	.....	1.6
Brooms, from broom corn	1919	205	63.9	27.8	8.3
	1914	154	91.6	8.4	.....
Butter	1919	1,053	79.3	20.6	0.1
	1914	696	76.6	23.4	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	6,178	99.3	0.7	.....
	1914	4,111	100.0	.....	.....
Chemicals [1]	1919	300	98.0	2.0	.....
Clothing, men's [1]	1919	496	8.3	91.3	0.4
Confectionery and ice cream	1919	607	44.6	55.2	0.2
	1914	399	45.4	54.6	.....
Flour-mill and gristmill products	1919	1,063	96.8	3.2	.....
	1914	682	99.7	0.3	.....
Food preparations, not elsewhere specified	1919	251	71.7	28.3	.....
	1914	283	81.3	18.4	0.4
Foundry and machine-shop products [2]	1919	715	99.6	0.4	.....
	1914	735	99.7	0.1	0.1
Gas, illuminating and heating	1919	291	99.7	0.3	.....
	1914	354	99.7	0.3	.....
Ice, manufactured	1919	257	99.2	0.8	.....
	1914	102	99.0	1.0	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	422	99.5	0.5	.....
	1914	413	99.0	0.7	0.2
Printing and publishing, book and job	1919	954	71.6	28.1	0.3
	1914	802	73.7	25.7	0.6
Printing and publishing, newspapers and periodicals.	1919	1,522	73.5	22.0	4.5
	1914	1,592	78.1	20.1	1.8
Slaughtering and meat packing	1919	10,122	89.6	10.3	0.1
	1914	5,713	92.2	7.5	0.3
Structural ironwork, not made in steel works or rolling mills.	1919	412	99.3	0.7	.....
	1914	259	100.0	.....	.....
Tobacco, cigars	1919	428	36.7	60.0	3.3
	1914	505	62.0	35.8	2.2
Windmills [1]	1919	455	99.3	0.7	.....
All other industries	1919	6,865	79.1	20.1	0.9
	1914	6,336	72.4	27.3	0.4

[1] Not shown separately in 1914.

[2] Includes "Iron and steel, welding."

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. Total. 1919	1914	1909	16 years of age and over. Male. 1919	1914	1909	Female. 1919	1914	1909	Under 16 years of age. 1919	1914	1909	VALUE OF PRODUCTS. 1919	1914	1909
Grand Island	733	460	576	648	357	439	85	100	109	.....	3	28	$5,645,243	$2,100,700	$1,673,669
Hastings	658	416	.....	482	287	.....	172	129	.....	4	.....	.....	4,319,490	1,610,638	.....
Lincoln	2,743	1,821	2,140	2,124	1,452	1,605	603	364	512	16	5	23	23,368,050	10,025,190	7,010,135
North Platte	378	.....	.....	368	.....	.....	5	.....	.....	5	.....	.....	1,516,430	.....	.....
Omaha	21,304	8,922	8,023	17,858	6,808	6,324	3,393	2,091	1,669	53	23	30	452,236,634	66,438,041	60,854,550

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909	MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909
January	36,545	24,159	*22,138*	95.7	90.2	85.3	July	36,576	25,726	24,742	95.8	96.0	95.4
February	35,032	*23,704*	23,263	91.7	88.5	89.7	August	37,683	**26,795**	25,628	98.7	100.0	98.8
March	*34,430*	24,103	22,994	90.2	90.0	88.6	September	37,760	26,210	**25,945**	98.9	97.8	100.0
April	34,938	24,560	23,744	91.5	91.6	91.5	October	37,836	26,017	25,373	99.1	97.1	97.8
May	34,748	25,147	24,277	91.0	93.8	93.6	November	38,038	24,852	24,929	99.6	92.7	96.1
June	36,477	25,802	24,748	95.5	96.3	95.4	December	**38,189**	24,653	24,251	100.0	92.0	93.5

[1] The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by **bold-faced** figures, minimum by *italic* figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	36,521	36,545	35,032	*34,430*	34,938	34,748	36,477	36,576	37,683	37,760	37,836	38,038	**38,189**	90.2
Males	31,275	31,194	29,926	*29,678*	30,078	29,831	31,159	31,338	32,150	32,196	32,475	32,539	**32,736**	90.7
Females	5,246	5,351	5,106	*4,752*	4,860	4,917	5,318	5,238	5,533	**5,564**	5,361	5,499	5,453	85.4
Artificial stone products	213	*114*	122	173	266	276	**277**	265	266	254	230	177	136	41.2
Automobile bodies and parts	327	266	268	*252*	254	275	334	326	366	371	**412**	394	406	61.2
Automobile repairing	1,134	*989*	998	1,013	1,064	1,101	1,161	1,213	1,289	**1,319**	1,174	1,163	1,124	75.0
Boxes, paper and other, not elsewhere specified	225	191	*182*	*182*	189	222	253	248	248	232	237	250	266	68.4
Bread and other bakery products	1,624	1,564	1,495	*1,382*	1,525	1,567	1,751	1,726	1,687	1,668	1,709	**1,755**	1,659	78.7
Brick and terra-cotta products	402	*100*	155	232	409	522	576	613	**627**	608	456	362	164	15.9
Brooms, from broom corn	205	**212**	208	*198*	201	203	209	199	205	202	201	210	**212**	93.4
Butter	1,053	845	871	*817*	1,073	1,204	**1,439**	1,381	1,248	1,095	939	848	876	56.8
Cars and general shop construction and repairs by steam-railroad companies	6,178	6,053	6,038	6,047	6,011	*5,687*	5,851	5,990	6,209	6,249	6,482	6,670	**6,849**	83.0
Chemicals	300	**792**	411	87	58	54	51	*48*	152	428	532	511	476	6.1
Clothing, men's	496	505	501	492	493	487	487	*470*	471	481	482	492	**591**	79.5
Confectionery and ice cream	307	522	541	557	*515*	553	596	638	677	678	**679**	674	654	75.8
Flour-mill and gristmill products	1,063	1,070	1,001	1,016	1,005	994	*981*	1,012	1,092	1,101	1,139	1,150	**1,195**	82.1
Food preparations, not elsewhere specified	251	270	231	*198*	231	201	219	*198*	234	255	324	**330**	321	60.0
Foundry and machine-shop products	713	682	711	719	**769**	694	722	684	*666*	668	761	761	719	86.6
Gas, illuminating and heating	291	271	*250*	260	294	273	294	288	294	316	321	308	**323**	77.4
Ice, manufactured	257	148	163	186	225	277	332	397	**407**	331	276	202	*140*	34.4
Lumber, planing-mill products, not including planing mills connected with sawmills	422	381	381	*363*	387	404	423	437	460	443	456	**475**	454	76.4
Printing and publishing, book and job	954	*877*	894	896	933	940	931	930	975	978	985	1,037	**1,072**	81.8
Printing and publishing, newspapers and periodicals	1,522	*1,451*	1,464	1,492	1,489	1,508	1,535	1,492	1,492	1,550	1,573	**1,610**	1,668	90.1
Slaughtering and meat packing	10,122	**11,158**	10,675	10,535	9,988	9,553	10,252	10,134	10,024	9,806	*9,548*	9,596	10,200	85.5
Structural ironwork, not made in steel works or rolling mills	412	378	355	331	*329*	386	376	414	430	**514**	490	460	481	64.0
Tobacco, cigars	428	439	421	432	441	429	**443**	433	408	*405*	413	436	436	91.4
Windmills	455	**476**	471	470	454	*441*	444	448	445	450	449	457	455	92.6
All other industries	6,867	6,791	6,225	*6,100*	6,335	6,497	6,540	6,592	7,311	7,358	7,573	**7,710**	7,372	79.1
Industries showing large proportion of females.														
Boxes, paper and other, not elsewhere specified	86	68	*65*	67	*65*	78	100	103	97	90	94	100	**105**	61.9
Bread and other bakery products	600	601	555	*470*	564	587	**723**	660	596	590	643	643	568	65.0
Butter	217	143	137	*135*	239	271	**334**	305	272	231	205	161	171	40.4
Clothing, men's	455	462	460	451	452	446	446	*429*	433	443	446	456	**536**	80.0
Confectionery and ice cream	335	296	311	321	*277*	290	302	320	348	369	383	**407**	396	68.1
Food preparations, not elsewhere specified	71	78	60	*44*	49	62	63	55	74	70	98	**114**	85	38.6
Printing and publishing, book and job	268	260	*254*	*254*	261	262	259	255	269	270	272	201	**309**	82.2
Printing and publishing, newspapers and periodicals	337	327	333	341	339	334	340	*324*	328	336	342	340	**351**	92.3
Slaughtering and meat packing	1,047	**1,303**	1,243	1,061	*842*	897	956	1,014	1,038	1,053	953	1,077	1,027	72.3
Tobacco, cigars	258	**275**	256	263	271	259	272	268	240	*238*	239	250	256	86.5
Total for cities	25,816	25,780	25,482	25,265	25,272	*24,043*	26,173	26,201	**26,581**	26,222	25,926	25,917	26,030	93.8
Males	21,538	21,353	21,225	21,338	21,277	*20,922*	21,791	21,873	**22,166**	21,842	21,616	21,436	21,617	94.4
Females	4,278	4,427	4,257	*3,927*	3,995	4,021	4,382	4,328	4,415	4,380	4,310	**4,481**	4,413	87.6
GRAND ISLAND	733	716	687	*672*	713	704	734	721	**855**	843	729	709	713	78.6
Males	648	645	633	*619*	631	627	644	645	**701**	690	657	645	639	88.3
Females	85	71	54	*53*	82	77	90	76	**154**	153	72	64	74	34.4
HASTINGS	658	605	*601*	628	663	658	694	**699**	684	685	692	667	620	86.0
Males	486	*417*	437	453	484	479	507	523	**528**	523	524	500	457	79.0
Females	172	**188**	164	175	179	179	187	176	*156*	162	168	167	163	83.0
LINCOLN	2,743	2,613	2,630	*2,573*	2,610	2,583	2,721	2,761	2,811	2,871	2,859	2,932	**2,952**	87.2
Males	2,139	1,999	1,990	*1,975*	2,017	2,018	2,118	2,169	2,235	2,277	2,262	**2,308**	2,300	85.6
Females	604	614	640	598	593	*565*	603	592	576	594	597	624	**652**	86.7
NORTH PLATTE	378	361	379	374	392	*347*	365	371	378	364	391	**410**	404	84.6
Males	371	355	373	369	387	*341*	359	362	369	356	383	**402**	396	84.8
Females	7	6	6	5	*5*	6	6	9	9	8	8	8	8	55.6
OMAHA	21,304	21,485	21,185	21,018	20,894	*20,651*	21,659	21,649	**21,853**	21,459	21,255	21,199	21,341	94.5
Males	17,894	17,937	17,792	17,922	17,758	*17,457*	18,163	18,174	**18,333**	17,996	17,790	17,581	17,825	95.2
Females	3,410	3,548	3,393	*3,096*	3,136	3,194	3,496	3,475	3,520	3,463	3,465	**3,618**	3,516	85.6

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	36,521	812	649	15,864	2,639	3,087	5,432	5,534	2,504
	1914	25,144	(2)	(2)	4,422	2,268	5,077	1,706	9,756	1,915
	1909	24,336	(2)	(2)	1,991	892	6,076	3,876	8,991	2,510
Artificial stone products	1919	213	5	.....	22	32	22	30	102	.....
	1914	337	(2)	(2)	20	3	22	26	265	1
Automobile bodies and parts	1919	327	1	.....	3	98	179	46	.....	.....
	1914	34	(2)	(2)	3	.....	24	6	1	.....
Automobile repairing	1919	1,134	3	.....	282	55	357	22	392	23
	1914	8	.....	.....	.....	.....	.....	.....	3	5
Boxes, paper and other, not elsewhere specified.[3]	1919	225	.....	.....	.....	178	.....	47	.....	.....
Bread and other bakery products	1919	1,624	7	532	463	119	233	18	210	42
	1914	1,140	(2)	(2)	134	17	750	29	167	43
Brick and terra-cotta products	1919	402	15	.....	69	8	3	.....	307	.....
	1914	489	(2)	(2)	66	4	9	37	373	.....
Brooms, from broom corn	1919	205	8	.....	1	76	16	.....	104	.....
	1914	154	(2)	(2)	9	8	.....	134	3	.....
Butter	1919	1,053	.....	.....	11	.....	95	266	122	559
	1914	696	(2)	(2)	1	.....	80	11	426	178
Cars and general shop construction and repairs by steam-railroad companies.	1919	6,178	.....	.....	2,933	.....	.....	2,821	58	366
	1914	4,111	(2)	(2)	1,487	1,094	757	59	29	685
Chemicals[3]	1919	300	.....	.....	4	.....	.....	10	16	270
Clothing, men's[3]	1919	496	102	.....	394	.....	.....	.....	.....	.....
Confectionery and ice cream	1919	607	.....	14	51	167	199	.....	155	21
	1914	399	(2)	(2)	8	.....	305	22	41	23
Flour-mill and gristmill products	1919	1,063	7	.....	152	6	47	44	498	309
	1914	682	(2)	(2)	14	7	18	4	410	229
Food preparations, not elsewhere specified	1919	251	.....	.....	19	.....	.....	152	80	.....
	1914	283	(2)	(2)	16	.....	89	36	142	.....
Foundry and machine-shop products[4]	1919	715	142	8	175	61	131	168	28	2
	1914	735	(2)	(2)	44	33	172	107	376	3
Gas, illuminating and heating	1919	291	.....	.....	20	2	163	71	17	18
	1914	354	(2)	(2)	17	6	5	1	267	58
Ice, manufactured	1919	257	.....	.....	4	.....	28	95	98	32
	1914	102	(2)	(2)	2	.....	.....	3	12	85
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	422	5	.....	17	130	150	113	7	.....
	1914	413	(2)	(2)	52	15	129	197	20	.....
Printing and publishing, book and job	1919	954	23	4	774	121	26	.....	2	4
	1914	802	(2)	(2)	344	286	167	.....	2	3
Printing and publishing, newspapers and periodicals	1919	1,522	51	12	1,065	160	193	6	32	3
	1914	1,592	(2)	(2)	890	128	460	25	89	.....
Slaughtering and meat packing	1919	10,122	20	.....	7,536	2	17	43	2,504	.....
	1914	5,713	(2)	(2)	6	.....	3	.....	5,702	2
Structural ironwork, not made in steel works or rolling mills	1919	412	.....	.....	.....	27	348	14	23	.....
	1914	259	(2)	(2)	2	3	.....	254	.....	.....
Tobacco, cigars	1919	428	90	18	233	39	17	21	10	.....
	1914	505	(2)	(2)	317	45	132	.....	8	3
Windmills[3]	1919	455	.....	.....	.....	.....	33	418	4	.....
All other industries	1919	6,865	333	61	1,636	1,358	830	1,027	765	855
	1914	6,336	(2)	(2)	990	619	1,955	755	1,420	597
Total for cities	1919	25,816	700	641	11,950	2,298	1,993	4,522	3,162	550
	1914	11,619	(2)	(2)	3,422	888	3,517	1,208	1,402	1,182
GRAND ISLAND	1919	733	.....	.....	73	44	56	410	39	111
	1914	460	(2)	(2)	72	23	115	11	38	201
HASTINGS	1919	658	54	.....	148	8	145	180	122	1
	1914	416	(2)	(2)	60	21	104	100	125	6
LINCOLN	1919	2,743	47	24	1,175	414	606	265	182	30
	1914	1,821	(2)	(2)	706	12	455	181	187	280
NORTH PLATTE	1919	378	1	2	5	.....	6	336	10	18
OMAHA	1919	21,304	598	615	10,549	1,832	1,180	3,331	2,809	390
	1914	8,922	(2)	(2)	2,584	832	2,843	916	1,052	695

[1] Includes 48 and under for 1914 and 1909.
[2] Corresponding figures not available.
[3] Not shown separately in 1914.
[4] Includes "iron and steel, welding."

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
			No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
	Establishments.	Wage earners (average number).	Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	2,884	36,521	554	1,800	3,569	316	3,507	109	3,454	55	3,015	30	4,531	10	3,321	5	3,028	5	11,196
Artificial stone products	107	213	21	79	97	4	36	3	80										
Automobile bodies and parts	20	327	1	10	16	5	74	3	101			1	136						
Automobile repairing	499	1,134	51	428	816	16	144	3	98	1	76								
Boxes, paper and other, not elsewhere specified	3	225				1	13	1	47			1	165						
Bread and other bakery products	324	1,624	64	229	381	25	230	1	31	3	199			1	252	1	531		
Brick and terra-cotta products	29	402		10	29	12	158	7	215										
Brooms, from broom corn	16	205	8	4	3	2	22			1	76	1	104						
Butter	51	1,053	2	28	56	11	125	2	64	5	401	3	407						
Cars and general shop construction and repairs by steam-railroad companies	24	6,178		2	7	4	57	1	26	4	257	5	976	5	1,749	2	1,430	1	1,676
Chemicals	12	300		4	10	3	37	3	96	2	157								
Clothing, men's	5	496				1	8	2	65			1	102	1	321				
Confectionery and ice cream	53	607	1	36	85	10	137	2	82	4	303								
Flour-mill and gristmill products	218	1,063	42	142	298	25	295	6	184	1	74	2	212						
Food preparations, not elsewhere specified	22	251	1	13	36	6	68			2	147								
Foundry and machine-shop products	67	713	4	37	82	17	167	6	199	2	154	1	111						
Gas, illuminating and heating	20	291	1	13	42	4	40			1	54	1	155						
Ice, manufactured	33	257	1	28	51	1	11	1	27	2	168								
Lumber, planing-mill products, not including planing mills connected with sawmills	29	422	1	17	52	5	62	3	82	3	226								
Printing and publishing, book and job	133	954	23	74	171	24	285	10	347	2	151								
Printing and publishing, newspapers and periodicals	554	1,522	208	310	531	25	265	6	184	2	152	3	390						
Slaughtering and meat packing	16	10,122		6	23	4	38	1	40							1	501	4	9,520
Structural ironwork, not made in steel works or rolling mills	9	412		2	7	5	57					2	348						
Tobacco, cigars	82	428	30	36	69	8	80	5	117	3	162								
Windmills	4	455		1	4			1	33	1	70			1	348				
All other industries	554	6,867	95	291	703	98	1,098	42	1,336	16	1,088	9	1,425	2	651	1	566		
Total for cities	889	25,816	102	451	1,083	189	2,184	73	2,335	44	3,281	17	2,471	5	1,650	3	1,616	5	11,196
GRAND ISLAND	47	733	4	30	72	11	144					1	107	1	410				
HASTINGS	55	658	3	29	49	13	142	8	250	1	75	1	142						
LINCOLN	210	2,743	10	124	274	51	592	14	432	8	577	2	348			1	520		
NORTH PLATTE	16	378	1	11	23	3	19							1	336				
OMAHA	561	21,304	84	257	665	111	1,287	51	1,653	35	2,620	13	1,874	3	904	2	1,096	5	11,196

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	2,884	2,492	2,500	36,521	25,144	24,336	$596,042,498	$221,615,848	$199,018,579	$115,268,376	$47,502,164	$47,937,608
Less than $5,000	963	1,253	1,266	536	1,060	1,089	2,500,345	2,978,678	2,951,130	1,628,628	1,917,464	1,907,985
$5,000 to $20,000	1,029	718	685	2,108	2,166	2,477	10,273,250	7,025,939	6,778,610	5,773,777	3,741,374	3,844,645
$20,000 to $100,000	572	366	399	4,036	3,771	4,220	26,185,749	16,234,647	17,100,526	11,097,371	6,433,023	6,781,959
$100,000 to $500,000	231	115	133	6,834	8,516	7,862	52,104,131	24,750,090	35,055,151	19,820,323	14,515,305	13,363,538
$500,000 to $1,000,000	34	18		2,936			24,575,469	11,924,633		8,781,178		
$1,000,000 and over	55	22	17	20,071	9,631	8,688	480,403,554	158,701,861	137,133,162	68,167,099	20,894,998	22,039,481
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	33.4	50.3	50.6	1.5	4.2	4.5	0.4	1.3	1.5	1.4	4.0	4.0
$5,000 to $20,000	35.7	28.8	27.4	5.8	8.6	10.2	1.7	3.2	3.4	5.0	7.9	8.0
$20,000 to $100,000	19.8	14.7	16.0	11.1	15.0	17.3	4.4	7.3	8.6	9.6	13.5	14.1
$100,000 to $500,000	8.0	4.6	5.3	18.7	33.9	32.3	8.7	11.2	17.6	17.2	30.6	27.9
$500,000 to $1,000,000	1.2	0.7		8.0			4.1	5.4		7.6		
$1,000,000 and over	1.9	0.9	0.7	55.0	38.3	35.7	80.6	71.6	68.9	59.1	44.0	46.0

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
AUTOMOBILE REPAIRING	499	4	100.0	100.0	1,134	8	100.0	100.0	$4,549,978	$14,670	100.0	100.0	$2,621,684	$11,689	100.0	100.0
Less than $5,000	236	[1] 4	47.3	100.0	203	[1] 8	17.9	100.0	658,936	[1] 14,670	14.5	100.0	473,699	[1] 11,689	18.1	100.0
$5,000 to $20,000	235	.....	47.1	.....	593	.....	52.3	.....	2,080,684	.....	45.7	.....	1,356,248	.....	51.7	.....
$20,000 to $100,000	23	.....	4.6	.....	164	.....	14.5	.....	821,403	.....	18.0	.....	418,762	.....	16.0	.....
$100,000 to $500,000	5	.....	1.0	.....	174	.....	15.3	.....	988,955	.....	21.7	.....	372,975	.....	14.2	.....
BREAD AND OTHER BAKERY PRODUCTS	324	333	100.0	100.0	1,624	1,140	100.0	100.0	13,313,167	5,110,961	100.0	100.0	5,690,124	2,493,771	100.0	100.0
Less than $5,000	68	174	21.0	52.3	24	105	1.5	9.2	184,921	522,656	1.4	10.2	65,843	247,632	1.2	9.9
$5,000 to $20,000	180	138	55.6	41.4	236	292	14.5	25.6	1,888,742	1,282,424	14.2	25.1	687,417	567,088	12.1	22.7
$20,000 to $100,000	65	16	20.1	4.8	276	116	17.0	10.2	2,386,449	613,207	17.9	12.0	795,372	268,691	14.0	10.8
$100,000 to $500,000	7	[2] 5	2.2	1.5	157	[2] 627	9.7	55.0	1,638,562	[2] 2,692,674	12.3	52.7	594,398	[2] 1,410,360	10.4	56.6
$500,000 and over	4	.....	1.2	.....	931	.....	57.3	.....	7,214,493	.....	54.2	.....	3,547,094	.....	62.3	.....
BUTTER	51	48	100.0	100.0	1,053	696	100.0	100.0	37,240,778	11,082,123	100.0	100.0	5,554,270	1,291,137	100.0	100.0
Less than $20,000	5	13	9.8	27.1	4	12	0.4	1.7	49,232	146,597	0.1	1.3	11,155	22,181	0.2	1.7
$20,000 to $100,000	23	20	45.1	41.7	51	67	4.8	9.6	1,263,946	821,738	3.4	7.4	171,894	150,930	3.1	11.7
$100,000 to $500,000	8	[3] 11	15.7	22.9	67	[3] 233	6.4	33.5	2,506,129	[3] 3,397,183	6.7	30.7	232,534	[3] 327,023	4.2	25.3
$500,000 to $1,000,000	5	.....	9.8	.....	79	.....	7.5	.....	3,234,510	.....	8.7	.....	235,467	.....	4.2	.....
$1,000,000 and over	10	4	19.6	8.3	852	384	80.9	55.2	30,186,961	6,716,605	81.1	60.6	4,903,220	791,003	88.3	61.3
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	24	18	100.0	100.0	6,178	4,111	100.0	100.0	17,909,063	6,736,863	100.0	100.0	10,692,376	3,873,707	100.0	100.0
Less than $100,000	7	6	29.2	33.3	90	144	1.5	3.5	316,268	242,753	1.8	3.6	242,743	166,910	2.3	4.3
$100,000 to $500,000	7	8	29.2	44.4	811	[4] 3,967	13.1	96.5	1,737,468	2,030,966	9.7	30.1	1,354,807	[4] 3,706,797	12.7	95.7
$500,000 and over	10	4	41.7	22.2	5,277	.....	85.4	.....	15,855,327	4,463,144	88.5	66.2	9,094,826	.....	85.1	.....
COFFEE, ROASTING AND GRINDING	9	6	100.0	100.0	160	98	100.0	100.0	2,637,486	1,261,606	100.0	100.0	587,499	216,995	100.0	100.0
Less than $100,000	4	[5] 6	44.4	100.0	11	[5] 98	6.9	100.0	207,815	[5] 1,261,606	7.9	100.0	49,559	[5] 216,995	8.4	100.0
$100,000 and over	5	.....	55.6	.....	149	.....	93.1	.....	2,429,671	.....	92.1	.....	537,940	.....	91.6	.....
CONFECTIONERY AND ICE CREAM	53	43	100.0	100.0	607	399	100.0	100.0	3,665,749	1,465,525	100.0	100.0	1,414,978	577,976	100.0	100.0
Less than $5,000	6	12	11.3	27.9	4	7	0.7	1.8	19,121	30,054	0.5	2.1	8,813	15,156	0.6	2.6
$5,000 to $20,000	17	19	32.1	44.2	30	37	4.9	9.3	194,764	199,669	5.3	13.6	75,705	88,283	5.4	15.3
$20,000 to $100,000	21	8	39.6	18.6	139	75	22.9	18.8	1,074,100	344,302	29.3	23.5	368,977	131,841	26.1	22.8
$100,000 and over	9	4	17.0	9.3	434	280	71.5	70.2	2,372,704	891,500	64.9	60.8	961,483	342,696	67.9	59.3
FLOUR-MILL AND GRISTMILL PRODUCTS	218	211	100.0	100.0	1,063	682	100.0	100.0	53,521,388	15,022,126	100.0	100.0	5,962,088	2,038,893	100.0	100.0
Less than $5,000	17	22	7.8	10.4	1	4	0.1	0.6	50,088	56,514	0.1	0.4	6,879	13,146	0.1	0.6
$5,000 to $20,000	37	68	17.0	32.2	17	80	1.6	11.7	456,624	819,499	0.9	5.5	74,797	117,297	1.3	5.8
$20,000 to $100,000	97	94	44.5	44.5	159	256	15.0	37.5	4,784,495	4,526,113	8.9	30.1	705,876	752,743	11.8	36.9
$100,000 to $500,000	48	21	22.0	10.0	290	[4] 342	27.3	50.1	10,421,004	3,911,203	19.5	26.0	1,345,926	[4] 1,155,707	22.6	56.7
$500,000 to $1,000,000	6	[2] 6	2.8	2.8	59	.....	5.6	.....	4,271,540	[2] 5,708,797	8.0	38.0	380,542	.....	6.4	.....
$1,000,000 and over	13	.....	6.0	.....	537	.....	50.5	.....	33,537,637	.....	62.7	.....	3,448,068	.....	57.8	.....
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	22	23	100.0	100.0	251	283	100.0	100.0	3,255,389	3,832,614	100.0	100.0	1,021,410	970,041	100.0	100.0
Less than $5,000	.....	4	.....	17.4	.....	1	.....	0.4	.....	8,028	.....	0.2	.....	3,757	.....	0.
$5,000 to $20,000	[6] 7	5	31.8	21.7	[6] 11	16	4.4	5.7	[6] 61,843	53,126	1.9	1.4	[6] 20,328	31,043	2.0	3.4
$20,000 to $100,000	10	8	45.5	34.8	60	55	23.9	19.4	663,769	364,570	20.4	9.5	199,101	67,844	19.5	7.2
$100,000 and over	5	6	22.7	26.1	180	211	71.7	74.6	2,529,777	3,406,890	77.7	88.9	801,981	867,397	78.5	89.0
FOUNDRY AND MACHINE-SHOP PRODUCTS [7]	71	64	100.0	100.0	715	735	100.0	100.0	5,180,649	2,864,602	100.0	100.0	2,774,268	1,131,237	100.0	100.0
Less than $5,000	12	19	16.9	29.7	6	21	0.8	2.9	28,571	48,051	0.6	1.7	18,899	31,156	0.7	2.8
$5,000 to $20,000	28	26	39.4	40.6	64	85	9.0	11.6	265,116	209,192	5.1	7.3	152,169	136,971	5.5	12.1
$20,000 to $100,000	23	14	32.4	21.9	228	184	31.9	25.0	1,036,069	613,066	20.0	21.4	652,244	293,675	23.5	26.0
$100,000 to $500,000	5	[2] 5	7.0	7.8	224	[2] 445	31.3	60.5	1,259,929	[2] 1,994,293	24.3	69.6	693,704	[2] 669,435	25.0	59.2
$500,000 and over	3	.....	4.2	.....	193	.....	27.0	.....	2,590,964	.....	50.0	.....	1,257,252	.....	45.3	.....
GAS, ILLUMINATING AND HEATING	20	48	100.0	100.0	291	354	100.0	100.0	2,445,794	1,928,116	100.0	100.0	1,311,461	1,322,425	100.0	100.0
Less than $5,000	.....	27	.....	56.2	.....	16	.....	4.5	.....	48,400	.....	2.5	.....	17,456	.....	1.3
$5,000 to $20,000	[6] 6	13	30.0	27.1	[6] 8	40	2.7	11.3	[6] 48,773	142,702	2.0	7.4	[6] 19,842	79,359	1.5	6.0
$20,000 to $100,000	[5] 14	5	70.0	10.4	[5] 283	34	97.3	9.6	[5] 2,397,021	147,837	98.0	7.7	[5] 1,291,619	96,656	98.5	7.3
$100,000 and over	.....	3	.....	6.3	.....	264	.....	74.6	.....	1,589,177	.....	82.4	.....	1,128,954	.....	85.4
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	29	37	100.0	100.0	422	413	100.0	100.0	2,181,836	1,285,507	100.0	100.0	969,692	578,377	100.0	100.0
Less than $5,000	.....	15	.....	40.5	.....	14	.....	3.4	.....	40,178	.....	3.1	.....	21,351	.....	3.7
$5,000 to $20,000	[6] 15	6	51.7	16.2	[6] 88	19	9.0	4.6	[6] 161,129	50,334	7.4	3.9	[6] 83,521	29,652	8.6	5.1
$20,000 to $100,000	9	12	31.0	32.4	102	170	24.2	41.2	445,971	415,502	20.4	32.3	219,128	194,380	22.6	33.6
$100,000 and over	5	4	17.2	10.8	282	210	66.8	50.8	1,574,736	779,493	72.2	60.6	667,043	332,994	68.8	57.6

[1] Includes the group "$5,000 to $20,000."
[2] Includes the group "$1,000,000 and over."
[3] Includes the group "$500,000 to $1,000,000."
[4] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[5] Includes the group "$100,000 and over."
[6] Includes the group "Less than $5,000."
[7] Includes "iron and steel, welding."

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Con.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
PRINTING AND PUBLISHING, BOOK AND JOB	133	116	100.0	100.0	954	802	100.0	100.0	$4,897,424	$2,373,523	100.0	100.0	$3,031,938	$1,360,707	100.0	100.0
Less than $5,000	27	49	20.3	42.2	12	41	1.3	5.1	79,338	133,493	1.6	5.6	56,756	94,010	1.9	6.9
$5,000 to $20,000	59	46	44.4	39.7	126	187	13.2	23.3	606,206	492,005	12.4	20.7	398,532	330,982	13.1	24.3
$20,000 to $100,000	37	16	27.8	13.8	399	304	41.8	37.9	1,723,507	822,404	35.2	34.6	1,149,227	495,499	37.9	36.4
$100,000 and over	10	5	7.5	4.3	417	270	43.7	33.7	2,488,373	925,621	50.8	39.0	1,427,423	440,216	47.1	32.4
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	554	572	100.0	100.0	1,522	1,592	100.0	100.0	10,179,309	5,433,415	100.0	100.0	7,175,480	4,210,600	100.0	100.0
Less than $5,000	315	436	56.9	76.2	157	423	10.3	26.6	857,816	1,042,507	8.4	19.2	665,641	860,713	9.3	20.4
$5,000 to $20,000	199	108	35.9	18.9	409	367	26.9	23.1	1,810,707	893,398	17.8	16.4	1,437,580	723,810	20.0	17.2
$20,000 to $100,000	26	21	4.7	3.7	223	231	14.7	14.5	1,012,238	919,165	9.9	16.9	784,705	715,559	10.9	17.0
$100,000 to $500,000	10	[1] 7	1.8	1.2	251	[1] 571	16.5	35.9	2,467,142	[1] 2,578,345	24.2	47.5	1,857,526	[1] 1,910,518	25.9	45.4
$500,000 and over	4	.....	0.7	.....	482	.....	31.7	.....	4,031,400	.....	39.6	.....	2,430,028	.....	33.9	.....
SLAUGHTERING AND MEAT PACKING	16	10	100.0	100.0	10,122	5,713	100.0	100.0	303,848,903	104,503,333	100.0	100.0	32,387,059	10,330,745	100.0	100.0
Less than $100,000	.....	3	.....	30.0	.....	8	.....	0.1	.....	161,673	.....	0.2	.....	30,766	.....	0.3
$100,000 to $500,000	[2] 10	.....	62.5	.....	[2] 61	.....	0.6	.....	[2] 1,822,035	.....	0.6	.....	[2] 241,890	.....	0.7	.....
$1,000,000 and over	6	[3] 7	37.5	70.0	10,061	[3] 5,705	99.4	99.9	302,026,868	[3] 104,341,660	99.4	99.8	32,145,169	[3] 10,299,979	99.3	99.7
STRUCTURAL IRONWORK, NOT MADE IN STEEL WORKS OR ROLLING MILLS	9	4	100.0	100.0	412	259	100.0	100.0	2,253,052	828,938	100.0	100.0	983,347	365,357	100.0	100.0
Less than $100,000	5	.....	55.6	.....	37	.....	9.0	.....	205,779	.....	9.1	.....	104,991	.....	10.7	.....
$100,000 and over	4	[2] 4	44.4	100.0	375	[2] 259	91.0	100.0	2,047,273	[2] 828,938	90.9	100.0	878,356	[2] 365,357	89.3	100.0

[1] Includes the group "$500,000 to $1,000,000." [2] Includes the group "Less than $100,000." [3] Includes the group "$100,000 to $500,000."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent of total.	VALUE OF PRODUCTS. Amount.	VALUE OF PRODUCTS. Per cent of total.	VALUE ADDED BY MANUFACTURE. Amount.	VALUE ADDED BY MANUFACTURE. Per cent of total.
GRAND ISLAND	47	733	100.0	$5,645,243	100.0	$2,034,093	100.0
Less than $5,000	10	10	1.4	25,453	0.5	16,788	0.8
$5,000 to $20,000	14	31	4.2	145,532	2.6	82,449	4.1
$20,000 to $100,000	18	140	19.1	827,623	14.7	387,115	19.0
$100,000 and over	5	552	75.3	4,646,635	82.3	1,547,741	76.1
HASTINGS	55	658	100.0	4,319,490	100.0	1,387,313	100.0
Less than $5,000	13	6	0.9	31,643	0.7	19,266	1.4
$5,000 to $20,000	15	32	4.9	170,049	3.9	96,239	6.9
$20,000 to $100,000	18	219	33.3	988,918	22.8	503,946	36.3
$100,000 and over	9	401	60.9	3,133,880	72.6	767,862	55.3
LINCOLN	210	2,743	100.0	23,368,050	100.0	9,460,012	100.0
Less than $5,000	32	20	0.7	73,530	0.3	59,412	0.6
$5,000 to $20,000	81	195	7.1	830,759	3.6	531,784	5.6
$20,000 to $100,000	63	638	23.3	3,222,776	13.8	1,619,809	17.1
$100,000 to $500,000	24	687	25.0	6,155,122	26.3	3,188,406	33.7
$500,000 to $1,000,000	5	371	13.5	3,830,253	16.4	1,414,162	14.9
$1,000,000 and over	5	832	30.3	9,237,610	39.5	2,647,339	28.0
NORTH PLATTE	16	378	100.0	$1,516,439	100.0	$840,166	100.0
Less than $5,000	4	1	0.3	9,180	0.6	3,509	0.4
$5,000 to $20,000	5	13	3.4	67,255	4.4	43,693	5.2
$20,000 and over	7	364	96.3	1,440,004	95.0	792,964	94.4
OMAHA	561	21,304	100.0	452,236,634	100.0	69,133,007	100.0
Less than $5,000	77	33	0.2	214,455	(1)	134,296	0.2
$5,000 to $20,000	177	340	1.6	1,933,788	0.4	1,108,911	1.6
$20,000 to $100,000	173	1,490	7.0	7,912,686	1.7	4,270,805	6.2
$100,000 to $500,000	91	3,279	15.4	21,188,384	4.7	9,788,851	14.2
$500,000 to $1,000,000	15	1,349	6.3	11,170,094	2.5	4,682,913	6.8
$1,000,000 and over	28	14,813	69.5	409,817,227	90.6	49,147,231	71.1

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

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	1,638	649	597	36,521	3,256	31,499	1,766	8.9	86.2	4.8	$596,042,498	$21,497,462	$555,935,574	$18,609,462	3.6	93.3	3.1
	1914	1,478	570	444	25,144	2,919	20,970	1,255	11.6	83.4	5.0	221,615,848	11,951,590	203,388,653	6,275,605	5.4	91.8	2.8
	1909	1,511	487	502	24,336	3,298	19,495	1,543	13.6	80.1	6.3	199,018,579	13,767,422	175,621,402	9,629,755	6.9	88.2	4.8
Automobile repairing	1919	315	26	158	1,134	530	300	304	46.7	26.5	26.8	4,549,978	2,085,343	1,327,350	1,137,285	45.8	29.2	25.0
	1914	3	.....	1	8	[1] 8	.....	.....	100.0	.....	.....	14,670	[1] 14,670	.....	.....	100.0	.....	.....
Bread and other bakery products.	1919	257	12	55	1,624	439	1,061	124	27.0	65.3	7.6	13,313,167	3,680,204	8,584,430	1,048,533	27.6	64.5	7.9
	1914	264	14	55	1,140	353	685	102	31.0	60.1	8.9	5,110,961	1,620,043	3,015,390	475,528	31.7	59.0	9.3
Butter	1919	11	28	12	1,053	36	985	32	3.4	93.5	3.0	37,240,778	1,126,345	34,590,566	1,523,867	3.0	92.9	4.1
	1914	12	28	8	696	45	643	8	6.5	92.4	1.1	11,082,123	735,316	10,159,134	187,673	6.6	91.7	1.7
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	24	.....	6,178	.....	6,178	.....	.....	100.0	.....	17,909,063	.....	17,909,063	.....	.....	100.0	.....
	1914	.....	18	.....	4,111	.....	4,111	.....	.....	100.0	.....	6,736,863	.....	6,736,863	.....	.....	100.0	.....
Coffee, roasting and grinding.	1919	.....	8	1	160	.....	[1] 160	.....	.....	100.0	.....	2,637,486	.....	[1] 2,637,486	.....	.....	100.0	.....
	1914	.....	6	.....	98	.....	98	.....	.....	100.0	.....	1,261,606	.....	1,261,606	.....	.....	100.0	.....
Confectionery and ice cream.	1919	23	17	13	607	76	506	25	12.5	83.4	4.1	3,665,749	595,891	2,875,971	193,887	16.3	78.5	5.3
	1914	21	13	9	399	47	341	11	11.8	85.5	2.8	1,465,525	218,653	1,165,246	81,626	14.9	79.5	5.6
Flour-mill and gristmill products.	1919	87	71	60	1,063	130	782	151	12.2	73.6	14.2	53,521,388	3,868,197	42,615,278	7,037,913	7.2	79.6	13.1
	1914	95	55	61	682	155	390	137	22.7	57.2	20.1	15,022,126	2,459,519	10,093,307	2,469,300	16.4	67.2	16.4
Food preparations, not elsewhere specified.	1919	4	15	3	251	6	237	8	2.4	94.4	3.2	3,255,389	37,679	3,096,935	120,775	1.2	95.1	3.7
	1914	5	13	5	283	23	250	10	8.1	88.3	3.5	3,832,614	232,235	3,535,881	64,498	6.1	92.3	1.7
Foundry and machine-shop products.[2]	1919	32	30	9	715	207	476	32	29.0	66.6	4.5	5,180,649	1,249,728	3,747,571	183,350	24.1	72.3	3.5
	1914	32	20	12	735	121	570	44	16.5	77.6	6.0	2,864,602	592,642	2,153,020	118,940	20.7	75.2	4.2
Gas, illuminating and heating	1919	1	17	2	291	.....	289	[3] 2	.....	99.3	0.7	2,445,794	.....	2,436,252	[3] 9,542	.....	99.6	0.4
	1914	7	28	13	354	1	343	10	0.3	96.9	2.8	1,928,116	32,112	1,860,018	35,986	1.7	96.5	1.9
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	15	12	2	422	[1] 78	344	.....	18.5	81.5	.....	2,181,836	[1] 341,692	1,840,144	.....	15.7	84.3	.....
	1914	20	14	3	413	73	321	19	17.7	77.7	4.6	1,285,507	195,363	1,053,454	36,690	15.2	81.9	2.9
Printing and publishing, book and job.	1919	70	39	24	954	137	714	103	14.4	74.8	10.8	4,897,424	717,323	3,704,213	475,888	14.6	75.6	9.7
	1914	67	24	25	802	148	526	128	18.5	65.6	16.0	2,373,523	382,288	1,565,290	425,945	16.1	65.9	17.9
Printing and publishing, newspapers and periodicals.	1919	406	49	99	1,522	515	883	124	33.8	58.0	8.1	10,179,309	2,308,374	6,999,369	871,566	22.7	68.8	8.6
	1914	431	64	77	1,592	582	854	156	36.6	53.6	9.8	5,433,415	1,419,020	3,625,209	389,186	26.1	66.7	7.2
Slaughtering and meat packing.	1919	3	8	5	10,122	13	10,087	22	0.1	99.7	0.2	303,848,903	380,583	302,619,375	848,945	0.1	99.6	0.3
	1914	3	6	1	5,713	[1] 17	5,696	.....	0.3	99.7	.....	104,503,333	[1] 511,591	103,991,742	.....	0.5	99.5	.....
Structural ironwork, not made in steel works or rolling mills.	1919	2	7	.....	412	.....	[3] 412	.....	.....	100.0	.....	2,253,052	.....	[3] 2,253,052	.....	.....	100.0	.....
	1914	1	2	1	259	.....	[4] 259	.....	.....	100.0	.....	828,938	.....	[4] 828,938	.....	.....	100.0	.....
Total for cities	1919	359	365	165	25,816	1,328	23,673	815	5.1	91.7	3.2	487,085,856	7,926,587	473,307,249	5,852,020	1.6	97.2	1.2
	1914	312	276	120	11,619	1,046	9,980	593	9.0	85.9	5.1	80,174,569	3,559,910	74,635,866	1,978,793	4.4	93.1	2.5
GRAND ISLAND	1919	19	19	9	733	77	633	23	10.5	86.4	3.1	5,645,243	450,856	5,072,758	121,629	8.0	89.9	2.2
	1914	23	18	8	460	69	363	28	15.0	78.9	6.1	2,100,700	182,726	1,782,736	135,238	8.7	84.9	6.4
HASTINGS	1919	24	13	18	658	158	215	285	24.0	32.7	43.3	4,319,490	592,446	2,059,590	1,667,454	13.7	47.7	38.6
	1914	19	14	14	416	109	190	117	26.2	45.7	28.1	1,610,638	258,733	961,968	389,937	16.1	59.7	24.2
LINCOLN	1919	83	82	45	2,743	282	2,294	167	10.3	83.6	6.1	23,368,050	1,459,094	21,033,498	875,458	6.2	90.0	3.7
	1914	95	70	30	1,821	270	1,415	136	14.8	77.7	7.5	10,025,190	1,110,846	8,442,461	471,883	11.1	84.2	4.7
NORTH PLATTE	1919	10	5	1	378	[1] 21	357	.....	5.6	94.4	.....	1,516,439	[1] 135,550	1,380,889	.....	8.9	91.1	.....
OMAHA	1919	223	246	92	21,304	790	20,174	340	3.7	94.7	1.6	452,236,034	5,288,641	443,760,514	3,187,479	1.2	98.1	0.7
	1914	175	174	68	8,922	598	8,012	312	6.7	89.8	3.5	66,438,041	2,007,605	63,448,701	981,735	3.0	95.5	1.5

[1] Includes the group "All others."
[2] Includes "iron and steel, welding."
[3] Includes the group "Individuals."
[4] Includes the groups "Individuals" and "All others."

TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	Cities having a population of 10,000 or over.								The state outside of cities having a population of 10,000 or over.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	5	.....	3	.....	1	.....	1	.....	.....	.....
	1914	.....	5	.....	2	.....	2	.....	1	.....	.....	.....
	1909	.....	4	.....	1	.....	2	.....	1	.....	.....	.....
Population [1]	1920	1,296,372	282,609	21.8	36,060	2.8	54,948	4.2	191,601	14.8	1,013,763	78.2
	1915	1,245,873	227,975	18.3	22,690	1.8	72,011	5.8	133,274	10.7	1,017,898	81.7
	1910	1,192,214	204,654	17.2	10,326	0.9	70,232	5.9	124,096	10.4	987,560	82.8
Number of establishments	1919	2,884	889	30.8	118	4.1	210	7.3	561	19.5	1,995	69.2
	1914	2,492	769	30.9	96	3.9	256	10.3	417	16.7	1,723	69.1
	1909	2,500	713	28.5	43	1.7	238	9.5	432	17.3	1,787	71.5
Average number of wage earners	1919	36,521	25,816	70.7	1,769	4.8	2,743	7.5	21,304	58.3	10,705	29.3
	1914	25,144	17,682	70.3	876	3.5	7,884	31.4	8,922	35.5	7,462	29.7
	1909	24,336	17,045	70.0	576	2.4	8,446	34.7	8,023	33.0	7,291	30.0
Value of products	1919	$596,042,498	$487,085,856	81.7	$11,481,172	1.9	$23,368,050	3.9	$452,236,634	75.9	$108,956,642	18.3
	1914	221,615,848	186,200,005	84.0	3,711,338	1.7	116,050,626	52.4	66,438,041	30.0	35,415,843	16.0
	1909	199,018,579	161,974,066	81.4	1,673,669	0.8	99,445,847	50.0	60,854,550	30.6	37,044,513	18.6
Value added by manufacture	1919	115,268,376	82,855,491	71.9	4,261,572	3.7	9,460,912	8.2	69,133,007	60.0	32,412,885	28.1
	1914	47,502,164	35,205,416	74.1	1,341,283	2.8	15,491,896	32.6	18,372,237	38.7	12,296,748	25.9
	1909	47,937,608	36,114,627	75.3	766,091	1.6	17,908,613	37.4	17,439,923	36.4	11,822,981	24.7

[1] Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN CITIES OF 50,000 INHABITANTS OR MORE, WITH PER CENT OF TOTAL FOR STATE: 1919.

City and industry.	Value of products.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.
LINCOLN.				
Butter	$6,188,254	16.6	$3,148,120	103.6
Printing and publishing, newspapers and periodicals	2,062,616	20.3	978,003	90.2
Printing and publishing, book and job	1,243,803	25.4	767,597	161.2
Lumber, planing-mill products, not including planing mills connected with sawmills	1,158,794	53.1	790,965	215.0
Confectionery and ice cream	1,016,989	27.7	682,938	204.4
Bread and other bakery products	670,641	5.0	353,031	111.2
Cars and general shop construction and repairs by steam-railroad companies; Engines, steam, gas, and water; Flour-mill and gristmill products; Paints; Slaughtering and meat packing	(1)	(1)	(1)	(1)
OMAHA.				
Slaughtering and meat packing	288,092,054	94.8	.....	.....
Butter	19,523,019	52.4	14,682,170	303.3
Flour-mill and gristmill products	17,424,219	32.6	(1)	(1)
Bread and other bakery products	9,137,645	68.6	5,898,667	182.1
Printing and publishing, newspapers and periodicals	4,842,793	47.6	2,687,671	124.7
Foundry and machine-shop products	4,103,725	79.5	3,224,235	366.6
Printing and publishing, book and job	3,265,516	66.7	1,651,439	102.3
Food preparations, not elsewhere specified	2,164,800	66.5	430,946	24.9
OMAHA—continued.				
Coffee, roasting and grinding	$2,122,867	80.5	(1)	(1)
Structural ironwork, not made in steel works or rolling mills	1,960,474	87.0	(1)	(1)
Automobile repairing	1,382,463	30.4	$1,382,463	.....
Confectionery and ice cream	1,348,191	36.8	576,056	74.6
Boxes, paper and other, not elsewhere specified	1,066,545	100.0	(1)	(1)
Patent medicines and compounds	891,199	80.2	480,301	116.9
Saddlery and harness	705,348	49.2	(1)	(1)
Ice, manufactured	600,687	69.7	(1)	(1)
Lumber, planing-mill products, not including planing mills connected with sawmills	621,114	28.5	76,823	14.1
Automobiles; Awnings, tents, and sails; Bags, other than paper; Cars and general shop construction and repairs by steam-railroad companies; Clothing, men's; Cooperage; Fur goods; Gas, illuminating and heating; Liquors, cereal beverages; Rubber goods, not elsewhere specified; Smelting and refining, lead; Soap	(1)	(1)	(1)	(1)

[1] Figures can not be shown without disclosing individual operations.

TABLE 17.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	7,512	4,296	2,694	125,814	89,285	64,466	100.0	100.0	100.0
Owned	1,227	1,393	1,366	79,592	70,464	56,726	63.3	78.9	88.0
Steam [1]	464	531	537	66,449	58,066	44,882	52.8	65.0	69.6
Engines	433	(2)	(2)	57,332	(2)	(2)	45.6		
Turbines	31	(2)	(2)	9,117	(2)	(2)	7.2		
Internal-combustion engines	682	754	686	8,203	6,724	4,408	6.5	7.5	6.8
Water	81	108	143	4,940	5,674	7,436	3.9	6.4	11.5
Water wheels and turbines	75	105	135	4,767	5,666	7,361	3.8	6.3	11.4
Water motors	6	3	8	173	8	75	0.1	(3)	0.1
Rented	6,285	2,903	1,328	46,222	18,821	7,740	36.7	21.1	12.0
Electric	6,285	2,903	1,328	46,177	18,794	7,530	36.7	21.0	11.7
Other				45	27	210	(3)	(3)	0.3
Electric	8,255	4,145	1,940	72,749	32,813	15,942	100.0	100.0	100.0
Rented	6,285	2,903	1,328	46,177	18,794	7,530	63.5	57.3	47.2
Generated by establishments reporting	1,970	1,242	612	26,572	14,019	8,412	36.5	42.7	52.8

[1] Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power. [2] Not reported separately. [3] Less than one-tenth of 1 per cent.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	2,946	917,608	56,904	430,064	12,904	75,956
1914	40,932	644,175	29,737	169,578	(1)	46,439
Per cent of increase [2]	—92.8	42.4	91.4	161.2	(1)	63.6
Automobile repairing	192	4,549	13	185	1,699	3,235
Bread and other bakery products	646	7,784	5,188	4,492	207	6,523
Brick and terra-cotta products	130	27,970	380	115	351	
Butter		32,219	3	39,420	85	
Cars and general shop construction and repairs by steam-railroad companies		189,870	321	4,853	387	1,839
Cement		31,000				
Chemicals		48,988		73,702	1,325	
Flour-mill and gristmill products	140	31,705	15	21,474	1,499	
Food preparations, not elsewhere specified	465	4,867	150	1,015	5	
Foundry and machine-shop products	14	3,122	752	296	176	454
Gas, illuminating and heating		17,423	28,496	130,291	2,400	19,000
Ice, manufactured	275	28,686		9,788	79	
Liquors, cereal beverages		16,245				
Printing and publishing, newspapers and periodicals	307	5,058	41	99	757	20,208
Slaughtering and meat packing		277,825	5	48,410	1,493	
Smelting and refining, lead		38,207	13,687	93,030		2,708
Soap	39	6,180				
Sugar, beet		93,458	4,044			
Windmills		6,989	1,213	1,030	480	
All other industries	738	45,463	2,596	1,864	1,961	21,989
Total for cities	1,192	517,449	45,683	280,626	5,550	52,138
GRAND ISLAND	9	17,478	836	16,329	299	1,035
HASTINGS		9,974	1,242		2,366	1,591
LINCOLN	39	35,275	6,621	21,267	716	4,461
NORTH PLATTE	17	17,916	321	1,015	4	532
OMAHA	1,127	436,806	36,663	242,015	2,165	44,519

[1] Included in figures for fuel oils. [2] A minus sign (—) denotes decrease.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for four of these industries in Nebraska are here presented.

Slaughtering and meat packing (Table 19).—This table presents, for 1919, 1914, and 1909, the kind, number, and cost of animals slaughtered; and under "All other materials," the cost of dressed meat purchased for curing, fats and cottonseed oil for making lard compounds and substitutes, poultry, curing materials, seasoning, containers, fuel, rent of power, mill supplies, and freight. During the period 1914 to 1919 the number of beeves slaughtered increased 515,022, or 104.8 per cent; calves 107,982, or 451.5 per cent; and hogs 889,710, or 42.2 per cent. There was a decrease of 221,118, or 12.3 per cent, in the number of sheep and lambs. The quantities and values are shown separately for the chief products manufactured, except canned beef, pork, sausage, and oleomargarine, which can not be shown separately without disclosing individual operations. The value of these products and that for grease, soap stock, stock feed, dressed poultry, meat puddings and scrapple, neat's-foot and other oils, oleo and cottonseed oil, stearin, hoofs, horns, strips and waste, skins, except cattle, calf, and sheep, hog and cattle hair, butter, beef extract, and ammonia are included under "All other products."

The total cost of materials increased $177,289,256, or 188.3 per cent, and the total value of products $199,345,570, or 190.8 per cent, during the period 1914 to 1919. These increases are due in part to actual production, but chiefly to the increase per unit of cost and value in 1919 as compared with 1914.

The total production of fresh meat in 1919 was 693,420,897 pounds, an increase of 227,403,269 pounds, or 48.8 per cent, from 1914, and that for cured meat was 317,060,284 pounds in 1919, an increase of 110,451,953 pounds, or 53.5 per cent, from 1914.

TABLE 19.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$271,461,844	$94,172,588	$78,345,576
Animals slaughtered:			
Beeves—			
Number	1,006,654	491,632	651,258
Cost	$102,233,077	$37,350,524	$32,069,207
Calves—			
Number	131,896	23,914	58,158
Cost	$3,386,473	$481,256	$637,158
Sheep and lambs—			
Number	1,575,954	1,797,072	1,127,962
Cost	$17,430,376	$9,563,543	$5,429,148
Hogs—			
Number	2,995,220	2,105,510	2,103,602
Cost	$131,744,544	$40,852,237	$32,535,715
All other materials, cost	$16,667,369	$5,925,028	$7,674,348

TABLE 19.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS.			
Total value	$303,848,903	$104,503,333	$92,282,759
Fresh meat:			
Beef—			
Pounds	462,031,812	272,491,272	354,358,419
Value	$79,947,351	$30,703,764	$26,914,613
Veal—			
Pounds	17,364,858	3,419,343	7,609,474
Value	$2,526,172	$432,793	$664,563
Mutton and lamb—			
Pounds	59,504,426	72,208,015	45,101,857
Value	$12,941,190	$7,803,765	$4,076,961
Pork—			
Pounds	113,202,633	97,872,530	98,834,601
Value	$27,475,271	$11,527,798	$8,624,522
Edible offal and all other fresh meat—			
Pounds	40,417,168	20,026,468	5,319,504
Value	$5,377,091	$1,166,913	$343,573
Cured meat:			
Beef, pickled and other cured—			
Pounds	2,619,715	4,045,897	6,750,949
Value	$420,521	$614,913	$629,441
Pork, pickled and other cured—			
Pounds	314,440,569	202,562,434	184,213,423
Value	$90,917,158	$26,651,723	$20,252,674
Sausage:			
Pounds	28,457,996	12,267,326	27,535,144
Value	$6,406,611	$1,739,912	$2,086,149
Lard:			
Pounds	84,363,218	66,505,095	89,851,980
Value	$26,059,520	$7,204,757	$9,163,052
Lard compounds and substitutes:			
Pounds	14,314,522	14,906,893	(1)
Value	$3,387,225	$1,245,056	(1)
Oleo oil:			
Gallons	1,037,548	2,001,199	1,280,340
Value	$2,293,067	$1,343,862	$1,089,082
Tallow and oleo stock:			
Pounds	24,916,112	9,283,443	14,289,214
Value	$4,778,321	$589,711	$1,026,088
Casings:			
Pounds	5,395,893	5,032,975	(1)
Value	$976,278	$553,568	(1)
Fertilizers and fertilizer materials:			
Tons	13,281	20,198	24,469
Value	$1,017,568	$663,468	$579,591
Hides and pelts:			
Cattle—			
Number	1,006,654	491,632	
Pounds	57,443,844	20,165,696	
Value	$17,707,783	$5,033,251	687,031
Calf—			39,975,521
Number	113,797	17,018	$5,439,014
Pounds	2,169,948	350,787	
Value	$1,109,758	$67,522	
Sheep—			
Number	1,575,954	1,796,985	1,127,937
Value	$4,815,204	$2,050,889	$1,410,685
All other products, value	$15,692,814	$5,103,068	$9,982,751

[1] Not reported separately.

In the slaughtering and meat-packing industry this state ranks third in 1919, taking this rank from New York, which ranked third and Nebraska fourth, in 1914. The value of products for this industry in 1919 formed 51 per cent of the total for the state.

Flour-mill and gristmill products (Table 20).—This table shows the kinds, quantities, and values of the different grains ground in these mills during 1919, 1914, and 1909.

Wheat flour was the product of chief value in 1919 as it was in 1914, forming 71.1 per cent and 72.9 per cent, respectively, of the total value of all products of the industry in the state. The total value of products for the industry increased $38,499,262, or 256.3 per cent, during the five-year period, and the value of wheat flour $27,117,568, or 247.8 per cent. There was a comparatively smaller increase, however, in the number of barrels of wheat flour, this being 1,032,990, or 43.3 per cent.

TABLE 20.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$53,521,388	$15,022,126	$17,835,596
Wheat flour:			
Barrels	3,416,087	2,383,097	2,267,550
Value	$38,062,423	$10,944,855	$11,451,319
Rye flour:			
Barrels	15,201	22,515	26,475
Value	$144,587	$101,140	$120,425
Corn meal and corn flour:			
Barrels	103,560	230,968	425,413
Value	$712,495	$702,795	$1,222,670
Buckwheat flour:			
Pounds	99,015	74,572	281,389
Value	$7,068	$3,412	$10,842
Barley meal:			
Pounds	2,321,600	.....	.....
Value	$88,954	.....	.....
Bran and middlings:			
Tons	119,191	109,741	189,062
Value	$5,098,577	$2,250,742	$4,151,898
Feed and offal:			
Tons	176,364	39,562	
Value	$8,803,487	$951,340	
Alfalfa meal:			
Tons	172	.....	.....
Value	$9,167	.....	.....
Hominy and grits:			
Pounds	54,836	.....	.....
Value	$1,625	.....	.....
Breakfast foods:			
Pounds	568,220	133,560	.....
Value	$48,856	$4,114	.....
All other cereal products, value [1]	$57,052	$35,313	$822,708
All other products, value	$487,097	$28,415	$55,734

[1] Includes value of barley meal and hominy and grits for 1914 and 1909.

Butter, cheese, and condensed milk (Table 21).—This table presents the quantities and values of the principal classes of products of the butter factories in 1919, 1914, and 1909. The figures for 1919 also include the quantity and value of the products of six condensed milk factories.

The total value of all products from 1914 to 1919 increased $27,162,813, or 245.1 per cent. During this five-year period there was an increase of $23,932,116, or 239.3 per cent, in the value of butter, which product represented 88.7 per cent of the total value of products for the industry in the state in 1919 and 90.2 per cent in 1914. As indicative of the high prices prevailing in 1919, as compared with 1914, the quantity of butter during this period increased only 61.2 per cent.

TABLE 21.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$38,244,936	[1] $11,082,123	$7,681,272
Butter:			
Pounds	58,570,937	36,343,424	23,973,162
Value	$33,033,148	$10,001,032	$6,570,084
Packed solid—			
Pounds	41,522,517	20,429,859	13,652,328
Value	$23,545,435	$5,519,611	$3,654,578
Prints or rolls—			
Pounds	17,048,420	15,913,565	10,320,834
Value	$10,387,713	$4,481,421	$2,915,506
Condensed and evaporated milk:			
Pounds	7,041,504	.....	.....
Value	$524,703	.....	.....
Cream sold:			
Pounds	4,820,423	914,003	281,811
Value	$440,366	$74,687	$27,149
All other products, value	$3,346,719	$1,006,404	$1,084,039

[1] Excludes statistics for 2 establishments, to avoid disclosure of individual operations.

Printing and publishing (Table 22).—This table shows the number and aggregate circulation per issue for the different classes of newspaper and periodical publications in Nebraska for 1919, 1914, and 1909.

The increase in the aggregate circulation of all publications for the five-year period from 1914 to 1919 was 3.3 per cent and for the decade, 34.7 per cent. Although the daily newspapers decreased in number, their circulation increased 12.6 per cent from 1914 to 1919 and 41.7 per cent for the decade. Of the 29 dailies reported, 14 with a circulation of 224,948 were published in the afternoon. The Sunday newspapers decreased in number, but their circulation was 36.5 per cent greater in 1919 than in 1914.

Printed in the Bohemian language were 1 morning and 1 Sunday newspaper, 4 weeklies, 1 semiweekly, and 2 monthly publications; in Danish, 4 weeklies; in German, 1 daily and 5 weeklies, the circulation of these reaching 282,089; in German and English, 1 monthly; in Italian, 2 weeklies; in Polish, 1 weekly, and in Swedish, 1 weekly. This is a total of 24 foreign-language publications having an aggregate circulation per issue of 377,641—a reduction of 26 in number since 1914 and of 199,373, or 34.6 per cent, in circulation.

TABLE 22.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	619	650	623	3,101,936	3,003,305	2,303,151
Daily	29	34	34	371,309	329,840	262,109
Sunday	9	12	8	255,702	187,287	129,050
Semiweekly [1]	14	19	16	34,246	38,219	31,085
Weekly	515	538	521	923,830	916,257	1,074,554
Semimonthly	4	6	.....	49,500	156,504	.....
Monthly	43	37	35	1,404,849	1,354,598	684,513
All other classes [2]	5	4	9	62,500	20,000	121,840

[1] Includes in 1919, 1 triweekly, and in 1914 and 1909, 2 triweeklies.
[2] Includes in 1919, 1 bimonthly, 1 trimonthly, and 3 quarterlies; in 1914, 1 bimonthly and 3 quarterlies; and in 1909, 2 semimonthlies, 3 bimonthlies, and 4 quarterlies.

Laundries (Table 23).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 23, however, summarizes the statistics for such laundries in the state for 1919 and 1914.

TABLE 23.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	69	74	.....
Persons engaged	1,710	1,490	14.8
Proprietors and firm members	73	85	.....
Salaried employees	166	102	62.7
Wage earners (average number)	1,471	1,303	12.9
Primary horsepower	1,942	1,779	9.2
Capital	$1,906,483	$995,413	91.5
Salaries and wages	1,303,851	746,833	74.6
Salaries	324,634	133,644	142.9
Wages	979,217	613,189	59.7
Paid for contract work	3,300	933	253.7
Rent and taxes	86,181	43,213	99.4
Cost of materials	646,759	372,039	73.8
Amount received for work done	2,823,234	1,517,924	86.0

[1] Percentages are omitted where base is less than 100.

Dyeing and cleaning (Table 24).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 24.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	41
Persons engaged	415
Proprietors and firm members	43
Salaried employees	73
Wage earners (average number)	299
Primary horsepower	408
Capital	$698,613
Salaries and wages	400,552
Salaries	111,472
Wages	289,080
Paid for contract work	8,348
Rent and taxes	41,042
Cost of materials	219,597
Amount received for work done	983,987

Custom gristmills (Table 25).—Statistics for custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914. Table 25, however, summarizes the statistics for such mills for 1919 and 1909. The value of products for custom gristmills represents the selling value of the grain milled.

TABLE 25.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909-1919.
	1919	1909	
Number of establishments	6	32	.....
Persons engaged	8	107	−92.5
Proprietors and firm members	6	97	.....
Wage earners (average number)	2	10	.....
Primary horsepower	122	614	−80.1
Capital	$68,462	$134,223	−49.0
Wages	2,400	5,130	−53.2
Rent and taxes	538	(2)	.....
Cost of materials[3]	33,368	142,731	−76.6
Value of products[3]	41,030	174,291	−76.5

[1] A minus sign (—) denotes decrease; percentages are omitted where base is less than 100.
[2] Figures not available.
[3] Includes estimate of all grain ground.

GENERAL TABLES.

Table 26 gives, for 1919, 1914, and 1909 for selected industries in the state and in Omaha, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products; and for Grand Island, Hastings, and Lincoln, similar data for all industries combined.

Table 27 presents, for 1919, for the state as a whole and for Lincoln and Omaha, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments; and for Grand Island, Hastings, and North Platte similar data for all industries combined.

TABLE 26.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	2,884	36,521	125,814	$46,067	$480,774	$596,042
	1914	2,492	25,144	89,285	16,893	174,114	221,616
	1909	2,500	24,336	64,466	13,948	151,081	199,019
Artificial stone products	1919	107	213	512	257	445	947
	1914	232	337	842	215	346	803
	1909	286	553	503	337	514	1,226
Automobile bodies and parts.	1919	20	327	597	361	1,037	1,723
	1914	7	34	37	24	94	156
	1909	6	18	41	15	28	57
Awnings, tents, and sails	1919	9	127	57	85	477	796
	1914	8	68	25	38	135	225
	1909	5	59	(1)	22	102	223
Bread and other bakery products.	1919	324	1,624	2,060	1,542	7,623	13,313
	1914	333	1,140	999	682	2,617	5,111
	1909	279	646	342	373	1,672	3,014
Brick, tile, pottery, and other clay products.	1919	29	402	2,631	479	240	1,065
	[2] 1914	47	502	3,772	311	179	669
	1909	79	836	4,088	469	282	1,173
Brooms	1919	16	205	204	168	493	945
	1914	14	154	143	57	219	425
	1909	15	77	79	30	270	523
Butter	1919	51	1,053	6,832	1,183	31,687	37,241
	1914	48	696	11,787	486	9,791	11,082
	1909	37	383	1,032	256	6,435	7,681
Canning and preserving, fruits and vegetables.	1919	9	147	902	$93	$519	$769
	1914	14	209	1,247	53	189	337
	1909	9	171	(1)	40	138	255
Cars and general shop construction and repairs by steam-railroad companies.	1919	24	6,178	11,407	9,832	7,217	17,909
	1914	18	4,111	7,895	3,511	2,863	6,737
	1909	13	3,685	6,616	2,271	1,724	4,642
Coffee, roasting and grinding.	1919	9	160	682	138	2,050	2,637
	1914	6	98	545	40	1,045	1,262
	1909	5	76	150	29	811	1,000
Confectionery and ice cream.	1919	53	607	1,496	425	2,251	3,666
	1914	43	399	767	175	888	1,466
Copper, tin, and sheet-iron work.	1919	49	156	221	197	560	1,028
	1914	38	165	88	121	310	579
	1909	36	165	(1)	112	264	516
Druggists' preparations	1919	11	89	93	90	334	929
	1914	11	51	4	35	158	306
	1909	4	19	(1)	8	47	105
Flour-mill and gristmill products.	1919	218	1,063	21,854	1,240	47,559	53,521
	1914	211	682	17,830	514	12,083	15,022
	1909	249	839	19,907	519	15,217	17,836
Food preparations, not elsewhere specified.	1919	22	251	2,007	226	2,234	3,255
	1914	23	283	2,653	160	2,863	3,833
	1909	18	148	876	77	727	1,022

[1] Figures not available.
[2] Includes "sand-lime brick."

TABLE 26.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.							
Foundry and machine-shop products.[1]	1919	582	2,508	7,136	$3,227	$6,400	$13,824
	1914	80	1,156	2,170	800	2,375	4,262
	1909	73	1,020	1,399	595	1,516	2,930
Fur goods	1919	7	93	84	81	389	713
	1914	9	82	61	43	129	294
	1909	6	41	17	19	92	173
Gas, illuminating and heating.	1919	20	291	1,639	328	1,134	2,446
	1914	48	354	1,620	227	606	1,928
	1909	48	400	1,015	209	445	1,415
Ice, manufactured	1919	33	257	4,238	342	330	947
	1914	18	102	1,704	68	121	330
	1909	7	30	1,193	21	40	125
Leather goods[2]	1919	57	140	143	172	929	1,521
	1914	31	177	188	131	505	833
	1909	30	266	148	197	978	1,583
Liquors, malt, including cereal beverages.	1919	6	148	3,767	187	373	935
	1914	14	488	3,489	345	906	3,012
	1909	14	424	2,938	290	625	3,335
Lumber and timber products.[3]	1919	42	537	2,278	669	1,545	2,792
	1914	51	506	1,776	361	858	1,529
	1909	48	543	1,343	356	1,226	2,021
Marble and stone work	1919	45	161	681	232	701	1,474
	1914	53	143	382	125	460	841
	1909	38	187	315	150	331	721
Mattresses and spring beds, not elsewhere specified.	1919	7	93	181	91	396	661
	1914	6	77	142	51	215	315
	1909	6	113	96	58	217	355
Mineral and soda waters	1919	64	108	492	$104	$526	$952
	1914	63	105	185	64	175	435
	1909	59	102	164	53	153	393
Optical goods	1919	7	57	29	60	184	423
	1914	7	48	27	28	166	331
	1909	5	34	9	20	67	146
Paints	1919	5	58	234	54	682	1,308
	1914	6	67	400	45	624	958
	1909	4	112	425	68	849	1,254
Patent medicines and compounds.	1919	29	107	242	91	464	1,111
	1914	27	92	234	72	220	562
	1909	32	54	(4)	28	176	500
Printing and publishing[5]	1919	694	2,531	4,075	2,750	4,948	15,332
	1914	692	2,413	3,203	1,652	2,244	7,836
	1909	674	2,329	2,552	1,397	1,711	6,667
Slaughtering and meat packing.	1919	16	10,122	20,367	13,914	271,462	303,849
	1914	10	5,713	15,486	3,697	94,173	104,503
	1909	15	6,009	11,873	3,369	78,346	92,283
Tobacco, cigars	1919	82	428	19	273	655	1,133
	1914	120	505	8	249	449	1,033
	1909	151	537	1	270	469	1,072
All other industries	1919	237	6,280	28,564	7,176	84,930	106,987
	1914	204	4,187	9,576	2,513	35,208	44,601
	1909	249	4,460	7,284	2,290	35,609	44,773
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
LINCOLN All industries.[6]	1919	210	2,743	6,290	$3,137	$13,907	$23,368
	1914	195	1,821	5,249	1,208	6,099	10,025
	1909	167	2,140	2,206	1,056	3,864	7,010
OMAHA All industries.	1919	561	21,304	56,200	27,230	383,104	452,237
	1914	417	8,922	19,772	5,810	48,066	66,438
	1909	432	8,023	16,037	4,837	43,415	60,855
Bread and other bakery products.	1919	72	1,128	1,173	1,044	4,894	9,138
	1914	64	763	718	437	1,594	3,239
	1909	65	304	181	168	828	1,515
Butter	1919	7	525	3,053	637	17,043	19,523
	1914	5	261	775	173	4,324	4,841
	1909	4	152	320	128	3,104	3,786
Confectionery and ice cream.	1919	18	290	655	201	841	1,348
	1914	9	236	374	94	466	772
Copper, tin, and sheet-iron work.	1919	20	66	51	97	179	363
	1914	12	58	32	46	98	169
	1909	15	96	(4)	64	143	274
Food preparations, not elsewhere specified.	1919	7	178	756	150	1,370	2,165
	1914	7	134	985	74	1,296	1,734
	1909	6	63	(4)	32	222	358
Foundry and machine-shop products.[7]	1919	27	885	2,891	$1,104	$3,020	$6,064
	1914	19	527	791	361	952	1,708
	1909	23	364	610	218	635	1,133
Lumber and timber products.[3]	1919	11	236	793	256	511	961
	1914	14	260	721	190	377	657
	1909	15	258	555	183	908	1,346
Marble and stone work	1919	6	63	338	102	172	378
	1914	6	63	108	53	140	261
	1909	6	78	(4)	63	84	201
Patent medicines and compounds.	1919	19	89	166	73	357	891
	1914	13	69	127	56	158	411
	1909	11	23	(4)	12	65	177
Printing and publishing, book and job.	1919	66	664	841	763	1,392	3,266
	1914	54	544	643	350	724	1,614
	1909	48	454	(4)	276	401	1,165
Printing and publishing, newspapers and periodicals.	1919	49	444	660	601	1,687	4,843
	1914	41	366	348	350	545	2,155
	1909	38	316	(4)	209	378	1,805
All other industries	1919	259	16,736	44,823	22,202	351,638	403,297
	1914	173	5,641	14,150	3,626	37,392	48,877
	1909	201	5,915	14,371	3,424	36,047	49,095
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.							
GRAND ISLAND	1919	47	733	1,584	$1,149	$3,611	$5,645
	1914	49	460	1,618	342	1,416	2,101
	1909	43	576	780	349	908	1,674
HASTINGS	1919	55	658	1,558	$653	$2,932	$4,319
	1914	47	416	959	235	954	1,611

[1] Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "iron and steel, welding"; and "structural ironwork, not made in steel works or rolling mills," in all years; "bells" and "hardware, saddlery," in 1914; and "gas machines and gas and water meters," in 1914 and 1909.
[2] Includes "saddlery and harness," and "trunks and valises."
[3] Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens and weather strips."
[4] Figures not available.
[5] Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing," in all years; and "lithographing" in 1919.
[6] Comparative statistics by industries for 1914 and 1909 not available.
[7] Includes "structural ironwork, not made in steel works or rolling mills," in all years; "bells" and "hardware" in 1914; and "gas machines and gas and water meters" and "hardware" in 1909.

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	2,884	49,076	2,916	2,221	5,164	2,254	36,521	De 38,189	Mh 34,430	(3)	(3)	(3)	(3)	(3)	Dollars. 245,256,684
2	Agricultural implements	8	82	10	2	1	3	66	Se 84	Ja [4] 52	84	84	.....	.....	.....	344,364
3	Artificial stone products	107	359	112	28	3	3	213	Je 277	Ja 114	238	238	.....	.....	.....	671,877
4	Automobile bodies and parts	20	425	12	32	29	25	327	Oc 412	Mh 252	488	446	41	1	.....	2,755,430
5	Automobile repairing	499	1,897	661	32	20	50	1,134	Se 1,319	Ja 989	1,170	1,164	4	2	.....	3,506,061
6	Awnings, tents, and sails	9	172	7	19	9	10	127	Ja 222	No 86	128	65	63	.....	.....	491,786
7	Bookbinding and blank-book making	4	35	5	2	2	2	24	De 27	Ja 21	29	12	14	3	.....	67,469
8	Boxes, paper and other, not elsewhere specified.	3	261	.....	8	15	13	225	De 266	Fe [4] 182	265	161	104	.....	.....	838,807
9	Boxes, wooden packing, except cigar boxes.	6	111	3	5	3	1	99	Au 113	Fe 87	106	106	.....	.....	.....	266,413
10	Brass and bronze products	3	6	4	.....	.....	.....	2	Je [4] 3	Oc [4] 1	3	3	.....	.....	.....	3,350
11	Bread and other bakery products	324	2,369	373	36	203	133	1,624	No 1,755	Mh 1,382	1,692	1,100	563	17	12	5,487,862
12	Brick and terra-cotta products	29	487	39	34	9	3	402	Au 627	Ja 100	543	536	1	6	.....	1,576,553
13	Brooms, from broom corn	16	261	17	8	26	5	205	Ja [4] 212	Mh 198	211	142	51	14	4	734,360
14	Butter	51	1,778	16	140	371	198	1,053	Je 1,430	Mh 817	912	743	168	1	.....	11,012,072
15	Canning and preserving, fruits and vegetables.	9	182	9	21	3	2	147	Se 754	Fe [4] 12	681	334	344	3	.....	778,587
16	Carpets, rag	6	20	7	.....	.....	.....	13	No 19	Ja [4] 8	18	15	3	.....	.....	38,025
17	Carriages and wagons, including repairs	9	20	12	.....	.....	.....	8	Se 9	Ja 7	8	8	.....	.....	.....	30,875
18	Cars and general shop construction and repairs by steam-railroad companies.	24	6,662	.....	254	153	77	6,178	De 6,849	My 5,687	6,747	6,720	27	.....	.....	12,248,191
19	Chemicals	12	370	2	30	22	16	300	Ja 792	Jy 48	539	530	9	.....	.....	6,569,155
20	Cleansing preparations	4	17	1	4	3	2	7	Jy [4] 8	Fe [4] 6	8	8	.....	.....	.....	35,121
21	Clothing, men's	5	509	3	8	1	1	496	De 591	Jy 470	591	55	534	.....	2	694,645
22	Coffee, roasting and grinding	9	226	.....	15	29	22	160	Au [4] 165	Mh [4] 156	164	48	116	.....	.....	839,431
23	Condensed milk	6	87	.....	11	3	15	58	My 72	De 36	36	36	.....	.....	.....	964,710
24	Confectionery and ice cream	53	810	57	60	57	29	607	.....	.....	676	281	394	1	.....	1,856,822
25	Confectionery	21	587	19	40	39	17	472	No 565	Ap 409	547	171	375	1	.....	1,216,658
26	Ice cream	32	223	38	20	18	12	135	Jy [4] 207	Ja 81	129	110	19	.....	.....	640,164
27	Copper, tin, and sheet-iron work	49	250	49	22	16	7	156	Au 183	Ja 122	164	163	.....	1	.....	772,202
28	Druggists' preparations	11	161	2	27	32	11	89	Ap [4] 130	No [4] 47	70	32	7	29	2	1,481,522
29	Electrical machinery, apparatus, and supplies.	6	116	3	9	7	9	88	No 100	Ja 58	96	66	30	.....	.....	272,230
30	Electroplating	3	9	3	.....	.....	.....	6	Oc [4] 7	Jy 4	7	7	.....	.....	.....	7,770
31	Flavoring extracts	6	22	6	1	7	2	6	No [4] 10	Mh [4] 3	12	9	2	1	.....	79,002
32	Flour-mill and gristmill products	218	1,895	259	232	245	96	1,063	De 1,195	Je 981	1,176	1,141	35	.....	.....	10,122,205
33	Food preparations, not elsewhere specified.	22	419	12	44	91	21	251	.....	.....	338	253	85	.....	.....	2,771,389
34	Bread stuffs, macaroni, peanut butter, sirups, and other preparations for human consumption.	8	305	6	23	81	17	178	No 231	Mh 127	229	146	83	.....	.....	2,159,777
35	For animals and fowls	14	114	6	21	10	4	73	De 109	Jy 43	109	107	2	.....	.....	611,612
36	Foundry and machine-shop products	67	1,070	48	97	144	68	713	.....	.....	749	746	3	.....	.....	4,974,661
37	Boiler shops and foundries	8	234	5	14	6	7	202	Ap 245	Au 147	238	238	.....	.....	.....	631,985
38	Machine shops	54	761	38	78	132	58	455	Je 504	Ja 407	441	439	2	.....	.....	4,125,011
39	Machine shop and foundry combined.	5	75	5	5	6	3	56	Oc 74	Ja 40	70	69	1	.....	.....	217,665
40	Fur goods	7	133	8	12	5	15	93	De 109	Jy 85	109	38	71	.....	.....	435,404
41	Furniture	5	86	3	4	4	3	72	No 94	Ja 60	88	78	10	.....	.....	239,189
42	Gas, illuminating and heating	20	451	1	43	77	39	291	De 323	Fe 250	324	324	.....	.....	.....	12,476,927
43	Grease and tallow, not including lubricating greases.	3	41	.....	7	1	.....	33	Se 38	Ja [4] 30	32	32	.....	.....	.....	242,727
44	Ice, manufactured	33	335	31	25	18	4	257	Au 407	De 140	191	190	1	.....	.....	1,348,145
45	Iron and steel, welding	4	6	4	.....	.....	.....	2	De 3	Je 1	3	3	.....	.....	.....	3,128
46	Jewelry	8	57	9	2	3	6	37	Oc [4] 42	Ja 27	41	40	1	.....	.....	66,425
47	Liquors, cereal beverages	6	190	.....	20	17	5	148	Au 226	Ja 83	103	103	.....	.....	.....	2,287,009
48	Lumber and timber products	4	9	4	.....	.....	.....	5	No 12	Ja [5] 0	20	20	.....	.....	.....	5,750
49	Lumber, planing-mill products, not including planing mills connected with sawmills.	29	510	19	33	19	17	422	No 475	Mh 363	455	453	2	.....	.....	1,325,202
50	Marble and stone work	45	277	55	17	37	7	161	.....	.....	149	148	1	.....	.....	1,127,122
51	Monuments and tombstones	41	212	55	9	36	7	105	My 115	Ja 97	101	100	1	.....	.....	980,671
52	Other marble and stone work, except slate.	4	65	.....	8	1	.....	56	No 72	Mh 46	48	48	.....	.....	.....	146,451
53	Mattresses and spring beds, not elsewhere specified.	7	114	7	4	4	6	93	No [4] 113	Ja 58	113	96	17	.....	.....	373,407
54	Mineral and carbonated waters	64	223	87	15	6	7	108	Au 167	Fe 67	96	90	4	2	.....	774,158
55	Optical goods	7	126	7	15	28	19	57	Ja [4] 67	Ap 49	54	46	7	.....	1	377,228
56	Paints	5	119	.....	16	30	15	58	My 66	Ja 51	58	53	5	.....	.....	891,730
57	Patent medicines and compounds	29	252	27	25	59	34	107	.....	.....	111	85	25	.....	1	1,547,818
58	Patent and proprietary medicines	15	128	15	15	38	16	44	My 51	Ap 39	43	32	10	.....	1	1,259,475
59	Patent and proprietary compounds, not elsewhere specified.	14	124	12	10	21	18	63	Je 82	No 41	68	53	15	.....	.....	288,343
60	Paving materials	8	178	2	12	4	2	158	My 187	Ja 124	155	155	.....	.....	.....	307,038
61	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	4	90	.....	10	5	11	64	De 79	Fe 31	79	60	19	.....	.....	839,505

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.										POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
6,462,288	9,279,649	46,066,755	1,398,349	981,961	7,584,131	473,636,425	7,137,607	596,642,498	115,268,376	125,814	57,332	9,117	8,203	4,940	46,222	26,572	1
2,100	3,775	69,319	18	4,737	1,720	197,167	9,613	349,828	143,048	185	70	.....	11	.....	104	33	2
47,502	7,265	257,373	1,071	3,228	11,479	431,827	13,172	946,551	501,552	512	25	.....	243	.....	244	.....	3
94,964	64,160	361,049	1,744	19,360	26,842	1,019,454	17,590	1,723,167	686,123	597	100	.....	15	.....	482	.....	4
60,064	56,962	1,553,812	7,630	126,059	37,883	1,820,985	107,309	4,549,978	2,621,684	2,822	18	.....	1,062	.....	1,742	17	5
85,764	10,470	85,487	.....	14,700	23,569	473,926	3,040	796,215	319,249	57	.....	.....	.....	.....	57	.....	6
3,720	3,997	23,156	.....	2,640	646	16,097	1,363	61,315	43,945	17	.....	.....	.....	.....	17	.....	7
50,900	24,238	207,904	82,592	4,975	12,741	634,301	5,893	1,066,545	426,351	214	125	.....	.....	.....	89	164	8
15,278	6,133	108,027	.....	2,659	13,702	299,829	5,249	556,201	251,123	372	125	.....	.....	.....	247	.....	9
.....	.....	3,164	.....	576	27	14,417	762	27,158	11,979	7	.....	.....	.....	.....	7	.....	10
120,070	391,622	1,542,182	3,769	110,608	222,321	7,379,753	243,290	13,313,167	5,690,124	2,060	155	.....	79	.....	1,826	100	11
90,603	16,795	479,068	6,022	4,425	22,698	78,579	161,892	1,065,264	824,793	2,631	2,031	80	135	.....	385	65	12
19,714	66,666	168,224	.....	1,140	6,183	482,396	10,595	945,012	452,021	204	90	.....	9	.....	105	1	13
553,915	443,814	1,183,230	.....	19,157	341,005	31,332,785	353,723	37,240,778	5,554,270	6,832	4,188	1	99	.....	2,544	985	14
29,528	2,748	92,558	150	3,750	2,972	506,640	12,155	668,724	149,929	902	600	.....	.....	.....	302	122	15
.....	.....	8,257	.....	550	442	5,579	1,082	24,452	16,791	36	.....	.....	4	.....	32	.....	16
.....	.....	9,007	.....	360	429	8,795	1,083	34,639	24,761	68	.....	.....	38	.....	30	.....	17
567,959	236,628	9,831,822	188	.....	56,778	6,715,666	501,021	17,909,063	10,692,376	11,407	5,965	4,394	36	.....	1,012	10,640	18
90,379	51,457	399,503	.....	7,892	22,121	514,314	455,298	2,304,793	1,335,181	6,057	4,381	750	722	.....	204	1,182	19
7,460	4,780	7,072	.....	732	86	10,984	305	36,612	25,323	12	.....	.....	2	.....	10	.....	20
17,600	4,500	411,339	.....	20,036	1,748	992,246	11,037	1,966,887	963,604	220	.....	.....	.....	.....	220	.....	21
28,915	69,941	137,826	.....	4,154	30,099	2,034,434	15,553	2,637,486	587,499	682	.....	.....	.....	.....	682	.....	22
49,182	11,500	67,327	.....	10,853	16,137	593,540	56,747	1,004,158	359,871	940	921	2	.....	.....	17	.....	23
156,163	171,010	425,092	6,034	31,540	119,404	2,180,635	70,136	3,665,749	1,414,978	1,496	200	.....	60	.....	1,236	54	24
108,557	144,928	286,532	2,500	21,438	95,415	1,170,885	28,458	2,123,337	923,994	688	190	.....	.....	.....	498	54	25
47,606	26,082	138,560	3,534	10,102	23,989	1,009,750	41,678	1,542,412	490,984	808	10	.....	60	.....	738	.....	26
30,105	26,022	196,731	259	15,053	11,432	552,818	7,575	1,028,311	467,918	221	.....	.....	16	.....	205	.....	27
71,594	73,188	89,999	.....	9,552	20,515	826,705	6,926	928,975	595,344	93	10	.....	22	.....	61	.....	28
22,200	23,238	91,589	.....	4,573	16,823	210,848	2,075	419,655	207,232	77	.....	.....	.....	.....	77	.....	29
.....	.....	6,084	.....	1,560	53	2,084	1,752	18,885	15,049	32	.....	.....	.....	.....	32	.....	30
750	5,785	5,845	200	1,045	1,037	35,016	251	76,079	40,812	10	.....	.....	8	.....	2	.....	31
612,372	470,524	1,240,076	11,405	14,515	305,462	47,078,841	480,459	53,521,388	5,962,088	21,854	5,415	225	3,742	4,720	7,752	760	32
105,355	87,751	225,964	200	13,151	53,485	2,176,520	57,469	3,255,389	1,021,410	2,097	733	.....	175	.....	1,189	2	33
67,150	75,296	148,975	.....	11,339	46,642	1,379,580	25,933	2,183,351	777,838	804	315	.....	.....	.....	489	2	34
38,205	12,455	76,989	200	1,812	6,843	796,940	31,526	1,072,038	243,572	1,293	418	.....	175	.....	700	.....	35
259,697	155,761	891,524	2,469	31,893	79,488	2,339,043	61,752	5,164,424	2,763,629	2,499	250	.....	141	42	2,066	7	36
67,644	34,739	264,624	.....	3,900	7,458	638,102	14,642	1,194,850	542,106	712	.....	.....	.....	.....	712	.....	37
182,706	118,082	550,814	2,469	26,508	70,018	1,588,543	38,335	3,690,132	2,063,254	1,629	250	.....	81	42	1,256	2	38
9,347	2,940	76,086	.....	1,395	2,012	112,398	8,775	279,442	158,269	158	.....	.....	60	.....	98	5	39
28,294	20,645	80,928	6,152	9,200	9,105	386,315	2,817	712,846	323,714	84	.....	.....	.....	.....	84	.....	40
8,700	6,676	90,965	256	2,094	1,905	100,854	3,097	260,529	156,578	129	60	.....	.....	.....	69	6	41
89,679	125,124	327,894	16,055	1,460	173,700	272,438	801,895	2,445,794	1,311,461	1,639	841	305	79	1	413	.....	42
30,361	964	43,855	.....	4,447	25,097	395,806	14,400	614,726	204,400	377	101	.....	.....	.....	276	.....	43
38,465	24,135	342,153	4,100	5,846	19,900	79,548	250,570	947,286	617,168	4,238	1,467	.....	690	65	2,016	191	44
.....	.....	3,063	.....	1,035	71	5,378	208	16,225	10,639	3	.....	.....	2	.....	1	.....	45
5,784	4,831	47,364	890	2,625	685	64,875	474	149,614	84,265	11	.....	.....	.....	.....	11	.....	46
84,561	35,596	187,203	.....	6,337	52,837	272,459	100,545	935,452	562,348	3,767	3,420	.....	.....	.....	347	54	47
.....	.....	3,922	.....	22	61	3,370	.....	11,037	7,667	149	49	.....	.....	100	.....	.....	48
76,622	34,217	546,849	18,550	4,455	43,507	1,191,457	20,687	2,181,836	969,692	1,728	485	.....	48	.....	1,195	.....	49
39,780	72,301	232,283	9,049	9,925	18,615	682,904	18,029	1,474,340	773,407	681	30	.....	11	.....	640	.....	50
24,905	71,101	147,928	9,049	9,873	17,855	571,343	12,346	1,236,034	652,345	344	.....	.....	11	.....	333	.....	51
14,875	1,200	84,355	.....	52	760	111,561	5,683	238,306	121,062	337	30	.....	.....	.....	307	.....	52
16,450	11,541	90,885	200	4,820	24,546	391,372	4,371	660,621	264,878	181	.....	.....	3	.....	178	.....	53
20,219	12,974	104,070	150	11,460	52,279	508,291	17,424	952,149	426,434	492	66	.....	27	.....	399	2	54
45,568	65,892	59,792	805	21,941	9,491	181,081	3,172	422,608	238,355	29	.....	.....	.....	.....	29	.....	55
50,415	62,277	54,176	.....	8,268	50,800	677,713	4,505	1,307,556	625,338	234	.....	.....	.....	.....	234	.....	56
56,737	110,062	90,562	116,167	11,831	19,557	468,711	5,742	1,111,298	646,845	242	8	.....	25	10	199	.....	57
31,423	86,937	41,155	115,318	6,424	12,045	270,409	2,591	636,210	363,210	146	.....	.....	20	10	116	.....	58
25,314	23,125	49,407	849	5,407	7,512	188,302	3,151	475,088	283,635	96	8	.....	5	.....	83	.....	59
21,200	5,757	163,063	.....	9,715	1,101	56,718	20,555	280,602	203,329	1,837	1,282	.....	25	.....	530	.....	60
28,905	13,338	72,947	.....	1,781	113,628	2,738,045	20,560	3,008,510	249,905	486	385	.....	.....	.....	101	.....	61

[3] No figures given for reasons stated under "Explanation of terms."
[4] Same number reported for one or more other months.
[5] None reported for one or more other months.

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
																Dollars.
1	Printing and publishing, book and job	133	1,290	118	102	53	63	954			1,068	755	310	3		3,977,421
2	Job printing	120	1,224	108	93	47	56	920	De 1,036	Ja 849	1,032	720	309	3		3,824,270
3	Book publishing without printing	7	16	3	4	6	3									3,680
4	Linotype work and typesetting	6	50	7	5		4	34	Oc 30	Mh 27	36	35	1			149,471
5	Printing and publishing, newspapers and periodicals.	554	2,961	544	176	420	299	1,522			1,611	1,185	354	70	2	6,219,318
6	Printing and publishing	26	660	22	27	213	102	296	De 322	Fe 270	319	281	32	6		1,284,209
7	Printing, publishing, and job printing.	453	2,143	490	127	185	135	1,206	No 1,269	Ja 1,157	1,270	896	311	61	2	4,734,724
8	Publishing without printing	75	158	32	22	22	62	20	Mh [3] 21	Ja [3] 19	22	8	11	3		200,385
9	Rubber goods, not elsewhere specified	3	173		14	23	12	124	Au 168	Ja 89	119	119				1,815,281
10	Saddlery and harness	53	226	58	15	24	2	127	Ja [3] 139	Jy 117	131	131				1,066,106
11	Shirts	5	117	2	3		1	111	De 124	Ja [3] 107	124	7	117			71,142
12	Slaughtering and meat packing	16	12,993	14	125	2,197	535	10,122	Ja 11,158	Oc 9,543	10,179	9,190	979	9	1	57,763,347
13	Structural ironwork, not made in steel works or rolling mills.	9	523	2	56	45	8	412	Se 514	Ap 329	485	482	3			1,658,915
14	Tobacco, cigars	82	554	95	6	22	3	428	Je 443	Se 405	491	178	297	15	1	777,6 27
15	Trunks and valises	4	20	4	1	1	1	13	Je 19	Ja [3] 11	11	10	1			31,459
16	Vinegar	4	9	1	2			6	Au [3] 9	Ja [3] 5	5	5				144,087
17	Windmills	4	588		30	67	36	455	Ja 476	My 441	455	452	3			2,175,077
18	Window and door screens	3	15	2	2			11	Je 16	Ja [3] 8	11	11				42,145
19	Wirework, not elsewhere specified	7	36	5	6	4	1	20			23	23				48,473
20	Barbed wire and woven-wire fencing.	4	25	3	4	3	1	14	Oc 21	Ja 9	16	16				37,365
21	All other	3	11	2	2	1		6	Jy [3] 7	Ja [3] 5	7	7				11,108
22	All other industries *	121	5,286	75	242	487	279	4,203								63,503,937

* All other industries embrace—
Aeroplanes, seaplanes, and airships, and parts 1
Aluminum ware 1
Artificial limbs 1
Automobiles 2
Babbitt metal 1
Bags, other than paper 1
Baskets, and rattan and willow ware 1
Blacking, stains, and dressings 1
Boots and shoes 2
Brushes 1
Carriage and wagon materials 1
Cars and general shop construction and repairs by electric-railroad companies 4
Cars, steam-railroad, not including operations of railroad companies 1
Cement 1
Chewing gum 1
Clothing, women's 4
Coffins, burial cases, and undertakers' goods 3
Collars and cuffs, men's 1
Cooperage, hogsheads and barrels 2
Cotton small wares 1
Dairymen's and poultrymen's supplies 5
Dental goods 2
Engines, steam, gas, and water 2
Engraving and diesinking 2
Engraving, steel and copper plate, including plate printing 1
Envelopes 1
Fertilizers 1
Furnishing goods, men's, neckware 1
Furs, dressed 1
Galvanizing 1
Gas and electric fixtures 1
Glass, cutting, staining, and ornamenting 1
Gloves and mittens, cloth, not including gloves made in textile mills 1
Glucose and starch 1
Gold and silver, reducing and refining, not from the ore 1
Hair work 1
Hand stamps 2
Hardware, builders' 1

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

1	**LINCOLN**—All industries	210	3,756	162	265	350	236	2,743	De 2,952	Mh 2,573	3,016	2,346	652	17	1	12,470,199
2	Artificial stone products	4	47	1	5	1		40	Ap 55	Ja 24	31	31				135,103
3	Automobile bodies and parts	4	45	2	5	2	2	34	Mh 38	Au [3] 31	32	29	3			115,738
4	Automobile repairing	15	77	21	4	2	3	47	Au [3] 51	Ja 40	47	47				59,829
5	Bread and other bakery products	13	112	14	6	18	3	71	Ja [2] 74	De 67	69	60	9			130,695
6	Butter	4	188	1	22	31	11	123	Jy 180	De 76	79	63	16			1,795,627
7	Confectionery and ice cream	5	170	2	10	14	9	135	Se 158	My 104	165	62	103			335,739
8	Copper, tin, and sheet-iron work	9	50	14	3	4	1	28	De 32	Fe [3] 25	32	32				111,578
9	Foundry and machine shop products	8	43	6	4		2	31	Oc [3] 38	Mh 23	38	38				126,217
10	Lumber, planing-mill products, not including planing mills connected with sawmills.	4	194	1	17	17	12	147	No 175	Mh 106	176	174	2			636,379
11	Marble and stone work, except slate	5	48	8	1	6	1	32	De 42	Ja [3] 28	33	32	1			233,407
12	Mineral and carbonated waters	3	19	5	1	2	1	10	Jy [3] 16	Fe 3	6	6				41,991
13	Patent medicines and compounds	3	6	2		1	1	2	(4) 2	(4) 2	2	2				7,286
14	Printing and publishing, book and job	34	297	29	28	12	16	212			212	137	73	2		467,933
15	Job printing	27	261	25	23	6	11	196	Ap [3] 204	Jy 184	196	122	72	2		410,342
16	All other	7	36	4	5	6	5	16	Oc 18	Jy 14	16	15	1			57,591
17	Printing and publishing, newspapers and periodicals.	34	514	18	34	88	67	307			328	231	87	10		1,197,519
18	Printing, publishing, and job printing.	12	483	8	29	86	60	300	Oc [3] 316	Au 286	319	229	80	10		1,172,239
19	Publishing without printing	22	31	10	5	2	7	7	De 9	Ja [3] 6	9	2	7			25,280
20	Tobacco, cigars	3	40	6		4		30	No 36	My 23	35	10	24	1		25,681
21	All other industries*	62	1,906	32	125	148	107	1,494			1,731	1,392	334	4	1	7,049,477

* All other industries embrace—
Aeroplanes, seaplanes, and airships, and parts 1
Aluminum ware 1
Awnings, tents, and sails 2
Blacking, stains, and dressings 1
Bookbinding and blank-book making 1
Boxes, wooden packing, except cigar boxes 1
Brass and bronze products 1
Brooms, from broom corn 2
Carpets, rag 1
Cars and general shop construction and repairs by electric-railroad companies 2
Cars and general shop construction and repairs by steam-railroad companies 1
Clothing, men's 1
Clothing, women's 2
Coffee, roasting and grinding 2
Coffins, burial cases, and undertakers' goods 1
Collars and cuffs, men's 1
Condensed milk 1
Dairymen's and poultrymen's supplies 1
Dental goods 1
Druggists' preparations 1
Electrical machinery, apparatus, and supplies 2

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
302,960	138,556	1,054,291	199,188	99,123	45,567	1,814,399	51,087	4,897,424	3,031,938	1,230	27	.....	4	.....	1,199	6	1
281,772	117,285	1,005,790	48,599	84,912	44,305	1,733,823	47,523	4,363,154	2,581,808	1,210	27	.....	4	.....	1,179	6	2
11,368	17,866	.....	150,589	281	565	52,993	.....	391,714	338,721	.....	.....	.....	.....	.....	.....	.....	3
9,820	3,405	48,501	.....	13,930	697	27,583	3,564	142,556	111,409	20	.....	.....	.....	.....	20	.....	4
490,379	840,011	1,626,981	488,386	149,459	113,884	2,886,268	117,561	10,179,309	7,175,480	2,797	255	.....	438	2	2,102	309	5
110,635	377,854	453,790	5,581	56,002	36,240	971,784	21,363	3,030,985	2,037,838	476	2	.....	11	.....	463	2	6
339,653	410,921	1,158,758	38,445	83,442	76,750	1,874,115	95,421	6,146,929	4,177,393	2,301	253	.....	422	2	1,624	307	7
40,091	51,236	14,433	444,360	10,015	894	40,369	777	1,001,395	960,249	20	.....	.....	5	.....	15	.....	8
45,776	37,773	170,093	.....	.....	5,516	541,596	36,222	930,370	352,552	1,375	.....	.....	.....	.....	1,375	.....	9
23,036	51,761	159,362	.....	13,792	18,270	893,564	7,165	1,434,118	533,389	134	.....	.....	6	.....	128	.....	10
5,836	1,317	70,032	.....	1,740	890	153,096	1,553	241,830	87,181	19	.....	.....	.....	.....	19	.....	11
634,019	3,878,525	13,914,188	148,081	4,725	1,546,581	269,864,945	1,596,899	303,848,903	32,387,059	20,367	11,797	1,060	10	.....	7,500	4,523	12
112,883	45,193	485,323	150	11,440	26,428	1,237,086	32,619	2,253,052	983,347	1,208	196	.....	12	.....	1,000	425	13
8,900	39,078	273,365	.....	11,892	121,584	649,019	6,356	1,133,197	477,822	19	.....	.....	.....	.....	19	.....	14
2,500	2,063	12,525	.....	2,640	326	27,747	464	86,619	58,408	9	.....	.....	.....	.....	9	.....	15
1,880	.....	4,124	.....	12	657	59,018	873	101,524	41,633	135	120	.....	15	.....	.....	120	16
53,899	126,332	459,998	1,312	.....	31,992	1,236,130	50,438	2,203,418	916,850	396	225	.....	14	.....	157	100	17
2,760	.....	10,623	.....	745	812	23,978	447	42,747	18,322	29	.....	.....	6	.....	23	.....	18
8,360	2,217	27,051	1,203	2,515	2,136	108,463	1,407	180,419	70,549	49	.....	.....	8	.....	41	.....	19
8,000	1,980	18,266	1,203	900	1,971	96,200	910	148,767	51,657	30	.....	.....	.....	.....	30	.....	20
360	237	8,785	.....	1,615	165	12,263	497	31,652	18,892	19	.....	.....	8	.....	11	.....	21
918,507	1,011,863	5,076,195	263,904	81,143	3,593,276	75,207,087	1,215,238	93,709,691	17,287,366	16,527	11,116	2,300	161	.....	2,950	6,694	22

Hats and caps, other than felt, straw, and wool 1
Hats, fur-felt 2
House-furnishing goods, comforts and quilts 1
Iron and steel, doors and shutters 1
Labels and tags 1
Lead, bar, pipe, and sheet 1
Lithographing 1
Looking-glass and picture frames 2
Millinery, trimmed hats and hat frames 1
Minerals and earths, ground or otherwise treated 1
Mirrors, framed and unframed, not elsewhere specified 1
Models and patterns, not including paper patterns 2
Mucilage and paste 1
Oil, composite 1
Perfumery and cosmetics 3
Photo-engraving 3
Pickles and sauces 3
Pipes, tobacco 1
Pottery 2
Printing and publishing, music 1
Printing materials 1
Pumps, not including power pumps 2
Refrigerators 1
Sausage, not made in slaughtering and meat-packing establishments 3
Signs, other than electric 2
Smelting and refining, lead 1
Soap 4
Statuary and art goods 1
Steam packing 2
Stoves, ranges, and fireless cookers 2
Sugar, beet 4
Surgical appliances 2
Suspenders, garters, and elastic woven goods 1
Tinware, not elsewhere specified 1
Tools, not elsewhere specified 2
Toys and games 2
Washing machines and clothes wringers 2
Window shades and fixtures 1

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

842,611	763,585	3,137,157	233,674	145,892	348,936	13,499,752	407,386	23,368,050	9,460,912	6,290	2,368	500	95	.....	3,327	791	1
11,120	1,500	48,745	.....	.....	2,058	66,076	1,842	146,029	78,111	63	25	.....	.....	.....	38	.....	2
12,800	6,240	34,754	.....	6,330	4,796	69,925	2,381	171,620	99,314	31	.....	.....	.....	.....	31	.....	3
4,200	2,304	71,963	3,000	11,364	899	51,699	2,322	177,302	123,281	75	.....	.....	.....	.....	75	.....	4
22,970	26,609	78,594	.....	11,941	3,960	426,011	17,236	670,641	227,394	144	.....	.....	.....	.....	144	.....	5
148,387	50,432	117,249	.....	4,190	60,909	5,473,633	60,297	6,188,254	654,324	1,672	1,575	.....	.....	.....	97	275	6
34,837	64,677	98,803	.....	8,280	65,227	522,819	9,678	1,016,989	484,492	190	.....	.....	.....	.....	190	.....	7
5,010	4,044	27,543	.....	2,760	933	94,868	1,380	168,200	71,952	22	.....	.....	.....	.....	22	.....	8
6,760	946	38,188	.....	3,466	802	59,857	2,012	144,042	82,173	56	.....	.....	.....	.....	56	.....	9
31,151	26,647	233,770	.....	.....	27,395	696,722	6,202	1,158,794	455,870	516	125	.....	.....	.....	391	.....	10
1,875	18,715	37,650	.....	2,702	2,099	115,871	2,617	298,898	180,410	100	.....	.....	.....	.....	100	.....	11
1,820	2,643	9,559	.....	2,200	4,067	29,062	549	60,546	30,935	18	.....	.....	.....	.....	18	.....	12
.....	1,850	1,750	.....	840	201	9,724	108	20,347	10,515	10	.....	.....	5	.....	5	.....	13
74,063	43,451	212,326	175,239	36,160	8,825	318,962	10,828	1,243,803	914,013	263	27	.....	.....	.....	236	.....	14
60,615	23,635	193,154	28,401	23,687	7,834	263,969	9,496	804,954	531,489	256	27	.....	.....	.....	229	.....	15
13,448	19,816	19,162	146,838	12,473	991	54,993	1,332	438,849	382,524	7	.....	.....	.....	.....	7	.....	16
141,539	182,768	308,217	53,318	9,174	14,553	500,824	15,491	2,062,616	1,546,301	478	250	.....	.....	.....	228	215	17
129,967	175,003	302,490	.....	6,934	14,374	493,499	15,479	1,939,085	1,430,107	476	250	.....	.....	.....	226	215	18
11,572	7,765	5,727	53,318	2,240	179	7,325	12	123,531	116,194	2	.....	.....	.....	.....	2	.....	19
.....	5,309	18,202	.....	1,220	6,862	25,477	460	68,254	42,317	3	.....	.....	.....	.....	3	.....	20
346,079	325,450	1,799,754	2,117	45,265	145,350	5,038,222	273,983	9,771,715	4,459,510	2,649	366	500	90	.....	1,693	301	21

Electroplating 2
Engines, steam, gas, and water 1
Engraving and diesinking 1
Flavoring extracts 1
Flour-mill and gristmill products 1
Food preparations, peanut butter 1
Fur goods 1
Furniture, wood, other than rattan and willow 1
Furs, dressed 1
Gas, illuminating and heating 1
Gloves and mittens, cloth, not including gloves made in textile mills 1
Iron and steel, welding 1
Jewelry 2
Mattresses and spring beds, not elsewhere specified 2
Optical goods 2
Paints 4
Saddlery and harness 1
Shirts 1
Signs, other than electric 1
Slaughtering and meat packing 1
Soap 1
Structural ironwork, not made in steel works or rolling mills 2
Surgical appliances 1
Tools, machinists' 1
Washing machines and clothes wringers 1
Windmills 1
Window shades and fixtures 1

[3] Same number reported for one or more other months.
[4] Same number reported throughout the year.

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments	Persons engaged in the industry. Total	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
1	**OMAHA**—All industries	561	28,132	413	1,037	3,965	1,413	21,304	Au 21,853	My 20,651	21,601	18,108	3,432	45	16	*Dollars.* 149,885,394
2	Automobile bodies and parts	12	194	7	15	10	7	155	Oc 234	Fe 100	249	210	38	1	.....	530,279
3	Automobile repairing	29	346	25	14	8	19	280	Se 393	Ja 236	272	270	2	.....	.....	759,016
4	Boxes, paper and other, not elsewhere specified	3	261	.....	8	15	13	225	De 266	Fe [3] 182	265	161	104	.....	.....	838,807
5	Bread and other bakery products	72	1,515	83	21	178	105	1,128	Je 1,245	Mh 930	1,145	718	415	4	8	3,734,861
6	Brick	4	89	2	4	2	1	80	Au 105	Ja 36	79	79	.....	.....	.....	339,559
7	Butter	7	1,022	.....	76	295	126	525	Je 744	Ja 395	428	355	73	.....	.....	6,768,181
8	Cleansing preparations	4	17	1	4	3	2	7	Jy [3] 8	Fe [3] 6	8	8	.....	.....	.....	35,121
9	Coffee, roasting and grinding	4	191	.....	8	26	21	136	Fe 140	Je [3] 135	135	38	97	.....	.....	650,815
10	Confectionery and ice cream	18	361	25	29	13	4	290	.....	.....	333	128	205	.....	.....	851,278
11	Confectionery	13	321	15	26	13	3	264	No 325	Je 226	309	112	197	.....	.....	716,041
12	Ice cream	5	40	10	3	.....	1	26	Jy 40	Ja [3] 16	24	16	8	.....	.....	135,237
13	Copper, tin, and sheet-iron work	20	93	21	2	2	2	66	Jy 77	Ja [3] 55	67	66	.....	1	.....	205,075
14	Druggists' preparations	4	98	.....	11	24	7	56	Mh 89	No [3] 25	43	11	1	29	2	899,332
15	Electrical machinery, apparatus, and supplies.	3	103	.....	7	6	9	81	Au 93	Ja 57	77	51	26	.....	.....	246,505
16	Flour-mill and gristmill products	9	440	8	48	89	26	269	No 296	Fe 247	295	275	20	.....	.....	5,129,253
17	Food preparations, not elsewhere specified.	7	298	1	21	80	18	178	No 239	Mh 127	220	144	76	.....	.....	2,219,905
18	Foundry and machine-shop products	22	782	11	74	135	55	507	.....	.....	523	521	2	.....	.....	4,003,014
19	Machine shops	16	561	4	60	124	48	325	Oc 363	Je 266	295	294	1	.....	.....	3,407,030
20	All other	6	221	7	14	11	7	182	De 232	Au [3] 126	228	227	1	.....	.....	595,984
21	Ice, manufactured	4	224	.....	10	13	2	199	Au 313	De 116	121	120	1	.....	.....	639,415
22	Lumber, planing-mill products, not including planing mills connected with sawmills.	7	198	3	7	1	2	185	Au [3] 199	Ap 109	184	184	.....	.....	.....	354,648
23	Marble and stone work, except slate	6	87	4	9	11	.....	63	Oc 72	De 55	54	54	.....	.....	.....	309,018
24	Mineral and carbonated waters	8	46	11	4	2	3	26	Au 38	Fe [3] 20	23	23	.....	.....	.....	102,502
25	Patent medicines and compounds	19	199	13	21	50	26	89	.....	.....	92	71	21	.....	.....	1,433,800
26	Patent and proprietary medicines	8	83	5	11	30	9	28	My 36	Fe [3] 23	27	21	6	.....	.....	1,154,109
27	Patent and proprietary compounds, not elsewhere specified.	11	116	8	10	20	17	61	Jy 79	No 40	65	50	15	.....	.....	279,691
28	Printing and publishing, book and job	66	860	48	70	38	40	664	.....	.....	771	561	209	1	.....	3,170,496
29	Job printing	60	830	42	66	38	38	646	De 745	Ja 590	751	541	209	1	.....	3,074,936
30	Book publishing, linotype work, and typesetting.	6	30	6	4	.....	2	18	Je [3] 21	Fe [3] 12	20	20	.....	.....	.....	95,560
31	Printing and publishing, newspapers and periodicals.	49	988	24	61	297	162	444	.....	.....	459	422	34	3	.....	1,795,027
32	Printing and publishing	5	506	1	23	178	81	223	No 237	Ja [3] 209	231	209	22	.....	.....	1,030,959
33	Printing, publishing, and job printing.	11	375	8	24	99	30	214	No 238	Ja [3] 201	221	209	12	.....	.....	615,663
34	Publishing without printing	33	107	15	14	20	51	7	De 8	No 6	7	4	.....	3	.....	148,405
35	Saddlery and harness	4	85	6	10	17	1	51	Mh 58	Au 44	49	49	.....	.....	.....	553,522
36	Slaughtering and meat packing	12	12,339	11	113	2,145	509	9,561	Ja 10,444	My 9,003	9,490	8,556	934	.....	.....	53,718,866
37	Structural ironwork, not made in steel works or rolling mills.	5	477	1	50	41	7	378	Se 478	Mh 296	444	441	3	.....	.....	1,447,226
38	Tobacco, cigars	11	47	13	1	.....	.....	33	Mh [3] 34	No 29	34	25	9	.....	.....	126,291
39	Trunks and valises	4	20	4	1	1	1	13	Je 19	Ja [3] 11	11	10	1	.....	.....	31,459
40	Wirework, not elsewhere specified	4	19	3	2	1	1	12	Se [3] 14	Ja [3] 9	13	13	.....	.....	.....	17,398
41	All other industries*	144	6,733	88	336	462	244	5,603	.....	.....	5,717	4,544	1,161	6	6	58,974,725

*All other industries embrace—
Artificial limbs 1
Artificial stone products 4
Automobiles 2
Awnings, tents, and sails 4
Babbitt metal 1
Bags, other than paper 1
Baskets, and rattan and willow ware 1
Bookbinding and blank-book making 2
Boots and shoes 1
Boxes, wooden packing, except cigar boxes 3
Brass and bronze products 2
Brooms, from broom corn 2
Brushes 1
Carpets, rag 2
Carriage and wagon materials 1
Cars and general shop construction and repairs by electric-railroad companies 1
Cars and general shop construction and repairs by steam-railroad companies 3
Cars, steam-railroad, not including operations of railroad companies 1
Chemicals 3
Clothing, men's 4
Clothing, women's, wrappers and house dresses 1
Coffins, burial cases, and undertakers' goods 1
Condensed milk 1
Cooperage, hogsheads and barrels 1
Cotton small wares 1
Dental goods 1
Electroplating 1
Engraving and diesinking 1
Engraving, steel and copper plate, including plate printing 1
Envelopes 1
Fertilizers 1
Flavoring extracts 5
Fur goods 6
Furnishing goods, men's, neckwear 1
Furniture 3
Galvanizing 1
Gas and electric fixtures 1
Gas, illuminating and heating 1
Glass, cutting, staining, and ornamenting 1
Glucose and starch 1
Gold and silver, reducing and refining, not from the ore 1

	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
1	GRAND ISLAND	47	900	37	53	46	31	733	Au 855	Mh 672	847	691	156	.....	.....	2,381,559
2	HASTINGS	55	826	72	31	40	25	658	Jy 699	Fe 601	732	522	205	5	.....	3,086,320
3	NORTH PLATTE	16	424	12	19	10	5	378	No 410	My 347	408	396	6	3	3	1,097,391

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars. 3,538,072	*Dollars.* 6,927,100	*Dollars.* 27,229,508	*Dollars.* 850,077	*Dollars.* 504,120	*Dollars.* 4,344,454	*Dollars.* 379,299,476	*Dollars.* 3,804,151	*Dollars.* 452,236,634	*Dollars.* 69,133,007	56,200	22,926	5,860	192	.....	27,222	13,445	1
33,254	19,920	162,650	1,744	12,550	4,894	191,924	8,032	510,196	310,240	421	100	.....	.....	.....	321	.....	2
43,883	28,446	386,536	338	38,723	13,215	707,968	19,556	1,382,463	654,939	315	10	.....	.....	.....	305	.....	3
50,900	24,238	207,904	82,592	4,975	12,741	634,301	5,893	1,066,545	426,351	214	125	.....	.....	.....	89	164	4
84,902	444,715	1,044,089	2,945	38,577	194,058	4,774,480	119,872	9,137,645	4,243,293	1,173	150	.....	.....	.....	1,023	100	5
10,750	4,232	109,116	6,022	2,200	4,068	34,994	33,660	240,055	171,401	414	244	.....	.....	.....	170	.....	6
292,570	310,449	637,359	.....	9,000	213,826	16,898,346	144,343	19,523,019	2,480,330	3,053	1,269	.....	.....	.....	1,784	350	7
7,460	4,780	7,072	.....	732	86	10,984	305	36,612	25,323	12	.....	.....	2	.....	10	.....	8
20,850	61,291	117,490	.....	1,481	24,658	1,627,341	11,570	2,122,867	483,956	584	.....	.....	.....	.....	584	.....	9
69,477	53,343	200,504	2,500	15,052	39,502	815,718	25,647	1,348,191	506,826	655	130	.....	.....	.....	525	54	10
59,377	52,081	171,336	2,500	12,952	36,096	674,971	18,561	1,116,648	423,116	422	130	.....	.....	.....	292	54	11
10,100	1,262	29,228	.....	2,100	3,406	140,747	7,086	231,543	83,710	233	.....	.....	.....	.....	233	.....	12
7,000	3,200	96,711	259	7,554	1,869	177,511	1,913	362,644	183,220	51	.....	.....	.....	.....	51	.....	13
47,037	39,979	53,680	.....	6,552	10,411	159,835	3,110	567,337	404,392	41	.....	.....	.....	.....	41	.....	14
21,600	22,853	85,415	.....	2,794	16,621	196,012	1,948	390,241	192,281	73	.....	.....	.....	.....	73	.....	15
186,253	138,435	334,154	.....	2,741	60,248	15,629,105	81,883	17,424,219	1,713,231	3,860	25	.....	.....	.....	3,835	13	16
65,479	75,136	150,460	.....	11,101	46,901	1,335,712	34,219	2,164,800	794,869	756	205	.....	.....	.....	551	2	17
214,110	133,657	652,350	2,469	23,697	62,313	1,923,897	36,348	4,103,725	2,143,480	1,902	250	.....	.....	.....	1,652	5	18
148,266	99,542	409,509	2,469	19,262	55,184	1,286,829	25,966	2,923,367	1,010,572	1,238	250	.....	.....	.....	988	.....	19
65,844	34,115	242,781	.....	4,435	7,129	637,068	10,382	1,180,358	532,908	664	.....	.....	.....	.....	664	5	20
30,353	26,174	274,616	4,000	5,419	15,145	31,130	183,442	660,687	446,115	2,290	790	.....	.....	.....	1,500	60	21
30,400	5,103	196,930	2,400	2,340	11,758	312,614	7,004	621,114	301,496	633	360	.....	.....	.....	273	.....	22
22,042	12,605	101,761	7,463	1,418	2,010	164,807	7,439	378,496	206,250	338	30	.....	.....	.....	308	.....	23
5,414	5,980	33,647	.....	2,202	11,230	136,701	3,064	276,468	136,703	49	.....	.....	.....	.....	49	.....	24
51,295	85,765	73,432	116,109	9,889	17,291	352,560	4,655	891,199	533,984	166	8	.....	.....	.....	158	.....	25
25,981	64,490	25,924	115,260	5,322	9,891	173,244	1,572	432,218	257,402	80	.....	.....	.....	.....	80	.....	26
25,314	21,275	47,508	849	4,567	7,400	179,316	3,083	458,981	276,582	86	8	.....	.....	.....	78	.....	27
215,697	83,251	762,591	19,237	55,409	32,790	1,360,318	32,110	3,265,516	1,873,088	841	.....	.....	2	.....	839	.....	28
207,957	81,796	733,252	15,486	53,671	32,519	1,334,735	29,878	3,170,095	1,805,482	828	.....	.....	2	.....	826	.....	29
7,740	1,455	29,339	3,751	1,738	271	25,583	2,232	95,421	67,606	13	.....	.....	.....	.....	13	.....	30
186,952	548,611	600,952	384,015	69,814	67,393	1,062,227	25,084	4,842,793	3,155,482	660	.....	.....	.....	.....	660	.....	31
94,037	334,785	367,349	5,048	52,897	33,460	823,927	14,873	2,507,588	1,668,788	377	.....	.....	.....	.....	377	.....	32
66,510	172,355	228,399	10,789	10,288	33,606	812,207	9,857	1,517,655	695,591	273	.....	.....	.....	.....	273	.....	33
26,405	41,471	5,204	368,178	6,629	327	26,093	354	817,550	791,103	10	.....	.....	.....	.....	10	.....	34
13,885	43,419	61,799	.....	5,730	9,111	445,907	1,771	705,348	257,670	38	.....	.....	.....	.....	38	.....	35
590,601	3,759,887	13,287,624	148,081	4,725	1,276,919	256,775,603	1,519,537	288,092,054	29,796,914	18,850	10,477	1,060	.....	.....	7,313	3,790	36
101,733	41,413	451,333	150	10,705	24,664	1,028,285	31,141	1,960,474	901,048	989	196	.....	.....	.....	793	423	37
2,000	.....	20,732	.....	2,208	11,017	43,871	512	105,537	61,154	1	.....	.....	.....	.....	1	.....	38
2,500	2,063	12,525	.....	2,640	326	27,747	464	86,619	58,408	9	.....	.....	.....	.....	9	.....	39
360	1,017	16,031	1,203	2,392	187	18,483	742	54,999	35,774	20	.....	.....	8	.....	12	.....	40
1,129,315	953,138	7,089,985	68,530	151,500	2,159,202	71,821,095	1,458,887	89,914,771	16,634,789	17,792	8,557	4,800	180	.....	4,255	8,484	41

Grease and tallow, not including lubricating greases 1
Hair work 1
Hand stamps 2
Hats and caps, other than felt, straw, and wool 1
Hats, fur-felt 2
House-furnishing goods, comforts and quilts 1
Iron and steel, doors and shutters 1
Iron and steel, welding 1
Jewelry 6
Lead, bar, pipe, and sheet 1
Liquors, cereal beverages 4
Lithographing 1
Looking-glass and picture frames 2
Mattresses and spring beds, not elsewhere specified 3
Millinery, trimmed hats and hat frames 1
Mirrors, framed and unframed, not elsewhere specified 1
Models and patterns, not including paper patterns 2
Mucilage and paste 1
Oil, composite 1
Optical goods 5
Perfumery and cosmetics 3
Photo-engraving 3
Pickles and sauces 2
Pipes, tobacco 1
Pottery 1
Printing materials 1
Rubber goods, not elsewhere specified 2
Sausage, not made in slaughtering and meat-packing establishments 3
Shirts 2
Signs, other than electric 1
Smelting and refining, lead 1
Soap 3
Statuary and art goods 1
Steam packing 2
Stoves, fireless cookers 1
Surgical appliances 1
Suspenders, garters, and elastic woven goods 1
Tinware, not elsewhere specified 1
Toys and games 2
Washing machines and clothes wringers 1
Window and door screens 1

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

146,247	98,503	1,149,424	17,737	10,745	73,999	3,499,142	112,008	5,645,243	2,034,093	1,584	515	.....	2	.....	1,067	70	1
88,800	98,036	653,171	1,673	25,539	68,541	2,833,571	98,606	4,319,490	1,387,313	1,558	610	35	19	.....	894	10	2
50,829	17,417	695,217	.....	2,834	9,837	629,448	46,825	1,516,439	840,166	1,256	500	.....	.....	.....	756	69	3

[1] Same number reported for one or more other months.

NEVADA.

GENERAL STATISTICS.

General character of the state.—Nevada has a gross area of 110,690 square miles, of which 109,821 represent land surface. Its population in 1900 was 42,335; in 1910, 81,875; and in 1920, 77,407. The state ranked forty-eighth in population among the states in 1900, 1910, and 1920. There is only one city, Reno, having more than 10,000 inhabitants. This city's population in 1920 was 12,016, and formed 15.5 per cent of the total population of Nevada.

Importance and growth of manufactures.—Nevada is unimportant as a manufacturing state, mining being the leading industry. Table 1 summarizes the more important data relative to all classes of manufactures combined in the state for the last five censuses and gives percentages of increase from census to census.

This table shows increases during each of the five-year periods, except that decreases for several of the items are shown for the period 1914–1919. The large increases for the period 1904–1909 were due to the exceptional growth in copper smelting, which was then and is now the most important manufacturing industry in the state. In connection with the increases shown for the period 1914–1919 consideration should be given of the exceptional increases in wages, cost of materials, and value of products since 1914, which reflect the industrial conditions brought about by the World War, and the lessened purchasing power of the dollar.

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of the county totals of 1919 with those of prior censuses. Data for White Pine, the leading manufacturing county, can not be shown without disclosing operations of individual establishments.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as to their true importance from a manufacturing standpoint. Butter, for instance, which ranked fourth in value of products, ranked eighth in average number of wage earners and ninth in value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 20.

Average number of wage earners for selected industries (Table 5).—There were so few industries in the state for which the figures could be shown without disclosing individual operations that it was necessary to include in the table several that were small as regards the average number of wage earners.

Average number of wage earners, by sex and age, and value of products for Reno (Table 6).—Notwithstanding an increase in the number of females employed in 1919 as compared with 1914, this table shows a decrease in the total number of wage earners. The increase in the value of products should be accepted with due consideration to the abnormal value of products at the census of 1919.

Wage earners, by months (Table 7).—The statistics for wage earners are intended to show the steadiness of employment, or the reverse, in accordance with the conditions as they existed during the several census years.

Wage earners, by months, for selected industries (Table 8).—In addition to the number employed by months, similar data are given for males and females for all industries combined, and for Reno, the only city in the state having 10,000 or more inhabitants in 1920.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day. In that year only 12.3 per cent of the wage earners were included in the group "48 and under," as compared with 65.1 per cent in 1919. On the other hand, the groups over 54 constituted 56.7 per cent of the total wage earners in 1914, as compared with 31 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries (Table 10).—The extent to which the small establishments predominated in the state is shown in this table. Only 6 of the 166 establishments employed more than 100 wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at $100,000 to $1,000,000 constituted a single group, but at the census of 1919 this group was subdivided into "$100,000 to $500,000" and "$500,000 to $1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914, and these returns showed that Nevada had no establishment in the group "$500,000 to $1,000,000." The table gives combined figures for these two groups for 1909.

Size of establishments, by value of products, for Reno (Table 12).—The five establishments in Reno having products of more than $100,000 each are shown in one group, "$100,000 and over," to avoid the possibility of disclosing individual operations.

Character of ownership (Table 13).—The noticeable feature of this table is the decrease in value of products for establishments under individual ownership and the increase for those under corporate ownership.

Number and horsepower of types of prime movers (Table 14.)—From 1914 to 1919 there was an increase of 1,126 horsepower, of which 17.8 per cent was owned and 82.2 per cent rented.

Fuel consumed (Table 15).—This table shows the quantities of the principal kinds of fuel used by the establishments in the state in 1919 and 1914, and gives for 1919 the amounts consumed by a number of industries which use considerable quantities of fuel.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	166	180	177	115	99	−7.8	1.7	53.9	.....
Persons engaged	3,563	4,113	2,650	1,016	(2)	−13.4	55.2	160.8	.....
Proprietors and firm members	136	179	137	108	(2)	−24.0	30.7	26.9	.....
Salaried employees	308	279	256	106	37	10.4	9.0	141.5	.....
Wage earners (average number)	3,119	3,655	2,257	802	504	−14.7	61.9	181.4	59.1
Primary horsepower	19,874	18,748	7,765	2,834	1,561	6.0	141.4	174.0	81.6
Capital	$16,834,561	$13,590,803	$9,806,597	$2,891,997	$1,251,208	23.9	38.6	239.1	131.1
Salaries and wages	4,905,687	4,048,857	2,359,803	819,563	387,206	21.2	71.6	187.9	111.7
Salaries	587,665	470,921	378,041	126,156	34,600	24.8	24.6	199.7	264.6
Wages	4,318,022	3,577,936	1,981,762	693,407	352,606	20.7	80.5	185.8	96.7
Paid for contract work	14,097	24,324	7,490	1,510	(2)	−39.6	224.8	396.0	.....
Rent and taxes	269,477	192,648	111,363	[3] 44,768	(2)	39.9	73.0	.....	.....
Cost of materials	16,490,617	9,316,815	8,365,939	1,627,776	662,284	77.0	11.4	413.9	145.8
Value of products	22,874,311	16,083,304	11,886,828	3,096,274	1,261,005	42.2	35.3	283.9	145.5
Value added by manufacture[4]	6,383,694	6,766,489	3,520,889	1,468,498	598,721	−5.7	92.2	139.8	145.3

[1] A minus sign (−) denotes decrease; percentages omitted where base is less than 100.
[2] Figures not available.
[3] Exclusive of internal revenue.
[4] Value of products less cost of materials.

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	166	3,119	$4,318,022	$269,477	$16,490,617	$22,874,311	$6,383,694	19,874
Churchill	10	22	27,241	3,887	106,184	171,527	65,343	56
Clark	11	522	779,689	21,361	525,712	1,414,807	889,095	2,069
Douglas	6	11	14,139	2,406	363,362	405,049	41,687	115
Elko	14	178	173,232	5,208	322,305	570,471	248,166	297
Esmeralda	7	24	44,932	3,064	105,842	189,930	84,088	348
Humboldt	5	15	20,440	1,321	14,283	52,991	38,708	15
Lander	3	5	6,136	88	3,193	11,476	8,283	18
Lyon	6	109	175,067	17,569	605,976	1,063,509	457,533	1,286
Mineral	3	47	50,488	142	49,859	112,573	62,714	29
Nye	12	60	108,111	6,150	101,239	331,738	170,499	140
Ormsby	8	55	65,477	12,655	86,577	223,832	137,255	240
Pershing	5	68	69,652	3,768	159,726	302,588	142,862	367
Washoe	61	1,248	1,549,342	78,216	4,996,406	7,314,741	2,318,335	8,754
All other counties[1]	15	755	1,234,076	113,692	8,989,953	10,709,079	1,719,126	11,140

[1] All other counties include Eureka, Lincoln, Storey, and White Pine.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent distribution.	VALUE OF PRODUCTS. Amount (expressed in thousands).	VALUE OF PRODUCTS. Per cent distribution.	VALUE ADDED BY MANUFACTURE. Amount (expressed in thousands).	VALUE ADDED BY MANUFACTURE. Per cent distribution.
All industries	166	3,119	100.0	$22,874	100.0	$6,384	100.0
Cars and general shop construction and repairs by steam-railroad companies	13	1,750	56.1	3,992	17.5	2,517	39.4
Slaughtering and meat packing	4	118	3.8	2,939	12.8	215	3.4
Flour-mill and gristmill products	10	25	0.8	1,116	4.9	125	2.0
Butter	5	17	0.5	662	2.9	62	1.0
Printing and publishing, newspapers and periodicals	34	103	3.3	468	2.0	375	5.9
Bread and other bakery products	17	38	1.2	274	1.2	115	1.8
Automobile repairing	17	45	1.4	221	1.0	146	2.3
Confectionery and ice cream	4	10	0.3	154	0.7	64	1.0
Printing and publishing, book and job	5	27	0.9	143	0.6	100	1.6
All other industries[1]	57	986	31.6	12,905	56.4	2,665	41.7

[1] Among the industries for which statistics can not be shown separately without the possibility of disclosing individual operations are a number having products of greater value than some of the industries for which figures are shown in the table. Of these industries the most important are the following: Lumber and timber products; smelting, copper; and wall plaster and composition flooring.

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL. Male.	PER CENT OF TOTAL. Female.
All classes	1919	3,563	3,442	121	96.6	3.4
	1914	4,113	4,041	72	98.2	1.8
	1909	2,650	2,586	64	97.6	2.4
Proprietors and officials	1919	284	280	4	98.6	1.4
	1914	281	269	12	95.7	4.3
	1909	233	225	8	96.6	3.4
Proprietors and firm members	1919	136	132	4	97.1	2.9
	1914	179	169	10	94.4	5.6
	1909	137	131	6	95.6	4.4
Salaried officers of corporations	1919	33	33	.....	100.0	.....
	1914	24	22	2	91.7	8.3
	1909	32	30	2	93.8	6.2
Superintendents and managers	1919	115	115	.....	100.0	.....
	1914	78	78	.....	100.0	.....
	1909	64	64	.....	100.0	.....
Clerks and other subordinate salaried employees.	1919	160	105	55	65.6	34.4
	1914	177	149	28	84.2	15.8
	1909	160	130	30	81.2	18.8
Wage earners (average number)	1919	3,119	3,057	62	98.0	2.0
	1914	3,655	3,623	32	99.1	0.9
	1909	2,257	2,231	26	98.8	1.2
16 years of age and over	1919	3,093	3,031	62	98.0	2.0
	1914	3,634	3,602	32	99.1	0.9
	1909	2,248	2,222	26	98.8	1.2
Under 16 years of age	1919	26	26	.....	100.0	.....
	1914	21	21	.....	100.0	.....
	1909	9	9	.....	100.0	.....

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	PER CENT OF TOTAL. 16 years of age and over. Female.	PER CENT OF TOTAL. Under 16 years of age.
All industries	1919	3,119	97.2	2.0	0.8
	1914	3,655	98.5	0.9	0.6
	1909	2,257	98.4	1.2	0.4
Automobile repairing [1]	1919	45	100.0	.....	.....
Bread and other bakery products	1919	38	57.9	39.5	2.6
	1914	65	83.1	15.4	1.5
Butter	1919	17	88.2	11.8	.....
	1914	21	100.0	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	1,750	98.9	0.8	0.3
	1914	1,468	100.0	.....	.....
Flour-mill and gristmill products	1919	25	96.0	4.0	.....
	1914	28	85.7	14.3	.....
Printing and publishing, book and job	1919	27	85.2	14.8	.....
	1914	25	84.0	12.0	4.0
Printing and publishing, newspapers and periodicals.	1919	103	77.7	5.8	16.5
	1914	136	84.6	5.9	9.0
Slaughtering and meat packing	1919	118	96.6	3.4	.....
	1914	91	100.0	.....	.....
All other industries	1919	996	98.1	1.6	0.3
	1914	1,821	99.3	0.4	0.3

[1] Not shown separately in 1914.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS, FOR RENO: 1919, 1914, AND 1909.

	1919	1914	1909
Wage earners (average number)	324	336	310
16 years of age and over	312	322	310
Male	284	307	297
Female	28	15	13
Under 16 years of age	12	14	.....
Value of products	$4,863,244	$2,570,523	$1,862,285

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER.[1] 1919	NUMBER.[1] 1914	NUMBER.[1] 1909	PER CENT OF MAXIMUM. 1919	PER CENT OF MAXIMUM. 1914	PER CENT OF MAXIMUM. 1909
January	**3,485**	3,919	*2,107*	100.0	94.9	87.9
February	3,207	3,958	2,116	92.0	95.9	88.2
March	2,978	3,969	2,140	85.5	96.1	89.2
April	2,944	3,894	2,190	84.5	94.3	91.3
May	2,996	4,025	2,244	86.0	97.5	93.6
June	2,903	4,042	2,266	83.3	97.9	94.5
July	3,142	**4,128**	2,349	90.2	100.0	98.0
August	*2,835*	3,599	**2,398**	81.3	87.2	100.0
September	3,191	3,237	2,341	91.6	78.4	97.6
October	3,249	3,282	2,390	93.2	79.5	99.7
November	3,235	2,954	2,302	92.8	71.6	96.0
December	3,263	*2,853*	2,247	93.6	69.1	93.7

[1] The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by **bold-faced** figures, minimum by *italic* figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND RENO: 1919.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	3,119	**3,485**	3,207	2,978	2,944	2,996	2,903	3,142	*2,835*	3,191	3,249	3,235	3,203	81.3
Males	3,057	**3,428**	3,150	2,921	2,889	2,934	2,838	3,079	*2,771*	3,123	3,182	3,169	3,200	80.8
Females	62	57	57	57	*55*	62	65	63	64	68	67	66	63	80.9
Automobile repairing	45	*35*	40	41	42	48	49	48	45	**50**	48	48	46	70.0
Bread and other bakery products	38	33	*31*	*31*	32	36	37	38	38	**47**	45	44	44	66.0
Butter	17	*15*	16	16	16	17	**21**	19	19	17	16	16	16	71.4
Cars and general shop construction and repairs by steam-railroad companies	1,750	1,774	1,780	1,757	1,719	1,738	*1,609*	1,782	**1,791**	1,747	1,763	1,754	1,786	89.8
Flour-mill and gristmill products	25	28	26	25	21	21	*17*	21	25	28	**31**	28	29	54.8
Printing and publishing, book and job	27	26	*25*	27	**27**	27	27	**27**	27	29	**30**	*25*	27	83.3
Printing and publishing, newspapers and periodicals	103	*101*	*101*	102	102	105	105	106	102	*101*	103	*101*	**107**	94.4
Slaughtering and meat packing	118	130	125	127	113	110	114	120	116	118	**130**	107	*106*	81.5
All other industries	996	**1,343**	1,063	852	872	894	924	981	*672*	1,054	1,083	1,112	1,102	50.0
RENO	324	325	315	324	*300*	316	314	328	325	336	**350**	323	332	85.7
Males	296	303	294	300	*278*	290	285	298	294	301	**316**	291	302	88.0
Females	28	22	*21*	24	22	26	29	30	31	35	34	32	30	60.0

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND RENO: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	3,119	7	.....	2,022	8	114	818	127	23
	1914	3,655	(2)	(2)	448	114	1,021	1,412	235	425
	1909	2,257	(2)	(2)	365	38	690	694	196	274
Automobile repairing[3]	1919	45	.....	.....	30	.....	7	7	.....	1
Bread and other bakery products	1919	38	.....	.....	19	.....	.....	19	.....	.....
	1914	65	(2)	(2)	8	10	36	2	4	5
Butter	1919	17	.....	.....	.....	8	6	2	.....	1
	1914	21	(2)	(2)	6	.....	2	4	8	1
Cars and general shop construction and repairs by steam-railroad companies	1919	1,750	.....	.....	1,162	.....	52	534	.....	2
	1914	1,468	(2)	(2)	135	1	924	.....	.....	408
Flour-mill and gristmill products	1919	25	.....	.....	2	.....	8	.....	15	.....
	1914	28	(2)	(2)	4	.....	15	.....	6	3
Printing and publishing, book and job	1919	27	.....	.....	27	.....	.....	.....	.....	.....
	1914	25	(2)	(2)	25	.....	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals	1919	103	5	.....	86	.....	.....	12	.....	.....
	1914	136	(2)	(2)	136	.....	.....	.....	.....	.....
Slaughtering and meat packing	1919	118	.....	.....	.....	.....	22	96	.....	.....
	1914	91	(2)	(2)	19	.....	.....	.....	72	.....
All other industries	1919	996	2	.....	696	.....	19	148	112	19
	1914	1,821	(2)	(2)	115	103	44	1,406	145	8
RENO	1919	324	.....	.....	150	.....	25	139	9	1
	1914	336	(2)	(2)	132	23	109	2	70	.....

[1] Includes 48 and under for 1914 and 1909. [2] Corresponding figures not available. [3] Not shown separately in 1914.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND RENO: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—														
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	166	3,119	21	104	220	25	243	6	215	4	319	3	373	1	425	2	1,324
Automobile repairing	17	45	.....	15	33	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bread and other bakery products	17	38	3	12	22	2	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butter	5	17	.....	4	10	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	13	1,750	.....	3	9	2	27	3	126	1	97	2	262	1	425	1	804
Flour-mill and gristmill products	10	25	.....	9	17	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and publishing, book and job	5	27	1	2	7	2	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals	34	103	5	26	60	2	18	1	25	.....	.....	.....	.....	.....	.....	.....	.....
Slaughtering and meat packing	4	118	.....	1	2	2	20	.....	.....	1	96	.....	.....	.....	.....	.....	.....
All other industries	61	996	12	32	60	11	115	2	64	2	126	1	111	.....	.....	1	520
RENO	53	324	7	33	80	10	91	2	57	1	96	.....	.....	.....	.....	.....	.....

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	166	180	177	3,119	3,655	2,257	$22,874,311	$16,083,304	$11,886,828	$6,383,694	$6,766,489	$3,520,889
Less than $5,000	37	60	60	19	44	49	104,808	161,899	172,825	67,708	100,602	122,639
$5,000 to $20,000	68	73	66	148	168	168	706,392	682,338	608,654	432,859	397,845	359,561
$20,000 to $100,000	40	31	40	385	321	605	2,142,711	1,390,055	1,968,738	1,068,762	667,368	961,529
$100,000 to $500,000	14	12	10	533	857	[1] 1,435	3,096,640	2,819,649	[1] 9,136,611	1,017,822	1,377,907	[1] 2,077,160
$500,000 to $1,000,000	3	.....		190	.....		1,877,188	.....		696,866	.....	
$1,000,000 and over	4	4	1	1,844	2,265	.....	14,946,572	11,029,363	.....	3,099,677	4,222,767	.....
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	22.3	33.3	33.9	0.6	1.2	2.2	0.5	1.0	1.5	1.1	1.5	3.5
$5,000 to $20,000	41.0	40.6	37.3	4.7	4.6	7.4	3.1	4.2	5.1	6.8	5.9	10.2
$20,000 to $100,000	24.1	17.2	22.6	12.3	8.8	26.8	9.4	8.6	16.6	16.7	9.9	27.3
$100,000 to $500,000	8.4	6.7	5.6	17.1	23.4	63.6	13.5	17.5	76.9	15.9	20.4	59.0
$500,000 to $1,000,000	1.8	.....		6.1	.....		8.2	.....		10.9	.....	
$1,000,000 and over	2.4	2.2	0.6	59.1	62.0	.....	65.3	68.6	.....	48.6	62.4	.....

[1] Includes the group "$1,000,000 and over."

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR RENO: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
RENO	53	324	100.0	$4,863,244	100.0	$889,766	100.0
Less than $5,000	12	4	1.2	29,212	0.6	19,088	2.1
$5,000 to $20,000	20	44	13.6	203,682	4.2	118,153	13.3
$20,000 to $100,000	16	125	38.6	908,257	18.7	488,881	54.9
$100,000 and over	5	151	46.6	3,722,093	76.5	263,644	29.6

TABLE 13.—CHARACTER OF OWNERSHIP, FOR COMBINED INDUSTRIES AND RENO: 1919 AND 1914.

CLASS.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.	
		Average number.	Per cent of total.	Amount.	Per cent of total.
All classes:					
1919	166	3,119	100.0	$22,874,311	100.0
1914	180	3,655	100.0	16,083,304	100.0
1909	177	2,257	100.0	11,886,828	100.0
Individuals:					
1919	67	108	3.5	741,507	3.2
1914	83	166	4.5	788,670	4.9
1909	83	174	7.7	892,482	7.5
Corporations:					
1919	67	2,929	93.9	21,615,875	94.5
1914	70	3,435	94.0	14,948,653	92.9
1909	66	2,037	90.3	10,587,284	89.1
All others:					
1919	32	82	2.6	516,929	2.3
1914	27	54	1.5	345,981	2.2
1909	28	46	2.0	407,062	3.4
RENO:					
1919	53	324	100.0	$4,863,244	100.0
1914	41	333	100.0	2,570,523	100.0
Individuals:					
1919	21	42	13.0	342,156	7.0
1914	14	67	19.9	299,827	11.7
Corporations:					
1919	20	255	78.7	4,331,147	89.1
1914	21	254	75.6	2,224,888	86.6
All others:					
1919	12	27	8.3	189,941	3.9
1914	6	15	4.5	45,808	1.8

TABLE 14.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	521	382	262	19,874	18,748	7,705	100.0	100.0	100.0
Owned	89	112	84	14,681	14,481	5,133	73.9	77.2	66.6
Steam	61	75	49	14,142	13,433	4,533	71.2	71.7	58.8
Engines	59	(1)	(1)	9,692	(1)	(1)	48.8		
Turbines	2	(1)	(1)	4,450	(1)	(1)	22.4		
Internal-combustion engines	24	28	35	344	139	201	1.7	0.7	2.6
Water	4	9	9	195	909	399	1.0	4.8	5.1
Water wheels and turbines	3	8	8	190	904	397	1.0	4.8	5.1
Water motors	1	1	1	5	5	2	(2)	(2)	(2)
Rented	432	270	178	5,193	4,267	2,632	26.1	22.8	33.9
Electric	432	270	178	5,193	4,263	2,307	26.1	22.7	29.7
Other					4	325		(2)	4.2
Electric	688	731	344	11,040	17,574	6,441	100.0	100.0	100.0
Rented	432	270	178	5,193	4,263	2,307	47.0	24.3	35.8
Generated by establishments reporting	256	461	166	5,847	13,311	4,134	53.0	75.7	64.2

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

TABLE 15.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND RENO: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	15	117,427	26,104	245,289	309	5,859
All industries 1914	63	44,846	18,393	555,246	(1)	831
Per cent of increase [2]		161.8	41.9	—55.8	(1)	605.1
Cars and general shop construction and repairs by steam-railroad companies		4,454		88,091	31	
Gas, illuminating and heating				11,372		
Ice, manufactured		399		9,916	9	
Lumber and timber products				14,160		
Slaughtering and meat packing		118		10,383		
Smelting and refining, copper		111,299	25,750	91,773		
Wall plaster and composition flooring				12,937	10	
All other industries	15	1,166	354	6,657	259	5,859
RENO	5	439	250	22,603	3	5,840

[1] Included in figures for fuel oils. [2] A minus sign (—) denotes decrease; percentage omitted where base is less than 100.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for two of these industries in Nevada are here presented.

Flour-mill and gristmill products (Table 16).—Wheat flour is still the leading product, representing 79 per cent of the total value of all products for the industry in 1919, as compared with 52.4 per cent in 1914. As illustrating the abnormal increase in the value of wheat flour in 1919 over 1914, this table shows a gain of 117.9 per cent in quantity against 335.1 per cent in value of the product.

TABLE 16.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$1,116,199	$386,566	$597,929
Wheat flour:			
Barrels	87,862	40,329	61,938
Value	$881,659	$202,624	$360,540
Bran and middlings:			
Tons	3,148	1,564	8,206
Value	$111,797	$38,952	$237,389
Feed and offal:			
Tons	2,160	3,686	
Value	$122,743	$103,326	
All other products, value		$41,664	

Printing and publishing (Table 17).—This table gives the number of publications and aggregate circulation per issue for all newspapers and periodicals published in Nevada during 1919, 1914, and 1909.

TABLE 17.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	37	43	59	39,498	38,258	45,544
Daily [1]	10	13	17	22,100	21,260	21,381
Weekly [2]	27	30	42	17,398	16,998	24,163

[1] Includes three Sunday newspapers in 1919, and two in 1914 and 1909.
[2] Includes six triweekly publications in 1919, three in 1914, and two in 1909.

Laundries (Table 18).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 18, however, summarizes the statistics for such laundries in Nevada for 1919 and 1914.

TABLE 18.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Percent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	13	12	
Persons engaged	169	150	12.7
Proprietors and firm members	12	13	
Salaried employees	9	13	
Wage earners (average number)	148	124	19.4
Primary horsepower	223	247	−9.7
Capital	$218,366	$191,392	14.1
Salaries and wages	158,165	105,464	50.0
Salaries	15,880	17,410	−8.8
Wages	142,285	88,054	61.6
Rent and taxes	6,935	3,705	87.2
Cost of materials	85,588	40,374	112.0
Amount received for work done	340,036	216,193	57.3

[1] A minus sign (−) denotes decrease; percentages are omitted where base is less than 100.

GENERAL TABLES.

Table 19 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and for Reno, similar data for all industries combined, for 1919, 1914, and 1909. Certain kindred industries are combined in some instances for comparison with 1909.

Table 20 presents, for 1919, statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations, and the combined totals for Reno.

TABLE 19.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND RENO: 1919, 1914, AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
All industries	1919	166	3,119	19,874	$4,318	$16,491	$22,874
	1914	180	3,655	18,748	3,578	9,317	16,083
	1909	177	2,257	7,765	1,982	8,366	11,887
Bread and other bakery products.	1919	17	38	70	48	159	274
	1914	31	65	38	67	170	316
	1909	29	47	6	54	214	356
Butter	1919	5	17	158	22	600	662
	1914	11	21	173	21	373	447
	1909	9	16	94	15	289	326
Cars and general shop construction and repairs by steam-railroad companies.	1919	13	1,750	3,816	2,310	1,475	3,992
	1914	9	1,468	2,737	1,230	932	2,261
	1909	9	818	1,611	610	337	1,033
Confectionery and ice cream	1919	4	10	38	12	89	154
	1914	4	7	15	5	30	51
Flour-mill and gristmill products.	1919	10	25	482	27	991	1,116
	1914	7	28	465	22	277	387
	1909	8	24	395	24	496	598
Mineral and soda waters	1919	11	10	53	$14	$35	$70
	1914	12	12	48	11	21	53
	1909	9	7	(1)	8	11	46
Printing and publishing	1919	39	130	264	186	136	611
	1914	42	161	224	163	98	473
	1909	54	180	214	193	113	519
Slaughtering and meat packing [2]	1919	4	118	702	123	2,723	2,939
	1914	4	91	407	98	1,604	1,853
All other industries	1919	63	1,021	14,291	1,576	10,283	13,056
	1914	60	1,802	14,641	1,961	5,812	10,242
	1909	59	1,165	5,445	1,078	6,906	9,009
CITY.							
RENO	1919	53	324	1,329	396	3,973	4,863
	1914	41	336	1,556	324	1,808	2,571
	1909	40	310	1,746	308	1,171	1,862

[1] Figures not available.
[2] Figures for 1909 can not be shown without disclosing individual operations.

TABLE 20.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	166	3,563	136	148	105	55	3,119	Ja 3,485	Au 2,835	(3)	(3)	(3)	(3)	(3)	Dollars. 16,834,561
2	Automobile repairing	17	74	18	4	3	4	45	Se 50	Ja 35	47	47	.....	.....	.....	88,734
3	Bread and other bakery products	17	68	25	5	.....	.....	38	Se 47	Fe [4] 31	44	21	19	1	.....	76,207
4	Butter	5	25	2	2	4	.....	17	Je 21	Ja 15	15	13	2	.....	.....	186,742
5	Cars and general shop construction and repairs by steam-railroad companies.	13	1,839	.....	51	25	13	1,750	Au 1,791	Je 1,609	1,771	1,752	14	5	.....	1,650,677
6	Confectionery and ice cream	4	17	6	.....	.....	1	10	No 12	Fe [4] 9	11	3	8	.....	.....	40,191
7	Copper, tin, and sheet-iron work	4	13	3	.....	.....	1	9	Jy 14	Ja 5	8	7	.....	1	.....	22,498
8	Flour-mill and gristmill products	10	49	4	13	4	3	25	Oc 31	Je 17	29	28	1	.....	.....	766,235
9	Marble and stone work: Monuments and tombstones.	4	5	4	.....	.....	.....	1	Mh [4] 3	No 1	3	3	.....	.....	.....	12,000
10	Mineral and soda waters	11	23	10	1	2	.....	10	Mh [4] 13	Oc [4] 7	12	12	.....	.....	.....	47,374
11	Printing and publishing, book and job.	5	36	4	5	.....	.....	27	Oc 30	Fe [4] 25	28	24	4	.....	.....	69,481
12	Printing and publishing, newspapers and periodicals.	34	158	29	15	4	7	103	.....	.....	106	84	5	17	.....	352,289
13	Printing, publishing, and job printing.	28	120	25	12	3	4	76	De 80	Ja [4] 74	79	66	5	8	.....	292,280
14	All other	6	38	4	3	1	3	27	(5) 27	(5) 27	27	18	.....	9	.....	60,009
15	Slaughtering and meat packing	4	141	.....	5	12	6	118	Ja [4] 130	De 106	105	103	2	.....	.....	1,471,293
16	Tobacco, cigars	5	9	5	.....	.....	.....	4	Oc 8	Ja [4] 2	8	7	1	.....	.....	14,075
17	All other industries*	33	1,106	26	47	51	20	962	.....	.....	.....	.....	.....	.....	.....	12,036,765

*All other industries embrace—

Artificial stone products	1
Automobile bodies and parts	2
Brick	1
Cars and general shop construction and repairs by electric-railroad companies	1
Clothing, women's, wrappers and house dresses	1
Fertilizers	1
Food preparations, not elsewhere specified	1
Foundry and machine-shop products	3
Gas, illuminating and heating	2
Ice, manufactured	2

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	RENO	53	466	47	34	38	23	324	Oc 350	Ap 300	336	294	30	12	.....	2,686,547

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Electric motors operated by rented (or purchased) current.

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 393,869	*Dollars.* 193,796	*Dollars.* 4,318,022	*Dollars.* 14,697	*Dollars.* 54,343	*Dollars.* 215,134	*Dollars.* 14,997,907	*Dollars.* 1,492,710	*Dollars.* 22,874,311	*Dollars.* 6,383,694	19,874	9,692	4,450	344	195	5,193	5,847	1
10,060	6,470	79,432	.....	10,440	1,300	70,462	4,603	221,372	146,307	118	.....	.....	9	.....	109	.....	2
4,147	1,560	47,997	72	11,595	1,040	151,782	7,502	274,209	114,925	70	.....	.....	.....	.....	70	.....	3
5,597	7,330	22,409	.....	.....	988	592,138	7,510	662,023	62,375	158	40	.....	18	.....	100	.....	4
140,524	47,016	2,309,593	.....	.....	25,015	1,311,387	163,251	3,991,838	2,517,200	3,816	2,154	.....	30	.....	1,632	1,273	5
.....	1,354	11,922	.....	4,200	994	87,493	1,850	153,710	64,367	38	.....	.....	.....	.....	38	.....	6
.....	600	13,617	.....	400	246	32,379	350	56,308	23,579	6	.....	.....	2	.....	4	.....	7
22,994	5,925	27,347	.....	640	6,271	981,807	9,508	1,116,199	124,884	482	40	.....	77	190	175	.....	8
.....	.....	2,250	.....	120	90	5,755	90	14,550	8,705	10	.....	.....	.....	.....	10	.....	9
1,000	1,110	14,373	.....	2,441	1,276	32,827	1,919	69,869	35,123	53	5	.....	4	.....	44	.....	10
13,617	.....	39,342	960	2,895	2,225	41,391	1,282	143,161	100,488	75	.....	.....	.....	.....	75	.....	11
45,535	11,533	147,058	3,635	13,960	5,833	82,833	10,101	467,631	374,697	189	.....	.....	31	5	153	.....	12
36,754	7,180	117,864	1,723	12,555	4,048	71,955	8,951	370,001	289,055	173	.....	.....	31	5	137	.....	13
8,781	4,353	29,194	1,912	1,405	1,785	10,838	1,150	97,630	85,642	16	.....	.....	.....	.....	16	.....	14
22,815	31,717	122,837	.....	1,177	6,344	2,684,881	38,277	2,938,628	215,470	702	140	.....	.....	.....	562	.....	15
.....	.....	5,195	.....	583	3,882	18,163	129	35,137	16,845	1	.....	.....	.....	.....	1	.....	16
127,580	79,181	1,474,650	10,030	5,892	159,630	8,904,609	1,246,338	12,729,676	2,578,729	14,156	7,313	4,450	173	.....	2,220	4,574	17

Lime	1	Optical goods	1	Smelting, copper	2
Liquors, malt, cereal beverages	2	Saddlery and harness	2	Soap	1
Lumber and timber products	3	Salt	1	Wall plaster and composition flooring	3
Lumber, planing-mill products, not including planing mills connected with sawmills	1	Sausage	1		

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

103,331	70,115	395,843	1,862	33,648	33,752	3,880,223	93,255	4,863,244	889,766	1,329	170	.....	59	100	1,000	35	1

[3] No figures given for reasons stated under "Explanation of terms." [4] Same number reported for one or more other months.
[5] Same number reported throughout the year.