ILLINOIS.

GENERAL STATISTICS.

General character of the state.—Illinois has a gross area of 56,665 square miles, of which 56,043 represent land surface. The inhabitants of the state in 1900 numbered 4,821,550; in 1910, 5,638,591; and in 1920, 6,485,280. In total population Illinois ranked third among the states in 1920. The number of inhabitants per square mile in 1910 was 100.6, the corresponding figure for 1920 being 115.7.

In 1920 there were 44 cities in the state having more than 10,000 inhabitants (see Table 6). The combined population of these cities in that year was 3,808,158, which formed 58.7 per cent of the total for Illinois. Of the total value of the manufactured products for the state in 1919, these cities reported 84.3 per cent.

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 this census period. The increases shown, however, in the number of wage earners and horsepower are indicative of a decided growth in the manufacturing activities of the state. The increase in "Rent and taxes" from 1914 to 1919 in Illinois is smaller than for most other states, which may be accounted for by the fact that there was a decrease of $41,925,107 in rent and taxes in the distilled and malt liquor industries during this five-year period.

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of the totals for the 102 counties in 1919 with those for prior censuses.

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. In many instances their rank 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 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 43.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 2,000 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 from 1914 to 1919 are shown in practically all of the details for the cities for which comparative figures are available, except for Peoria. The decrease in that city was due to the great falling off in the manufacture of distilled liquors, largely the most important industry in the city in 1914.

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 also for the cities having more than 10,000 inhabitants, and for several industries showing a large proportion of females. The cities combined reported a slightly larger proportion of female wage earners than the state as a whole, 20.4 per cent, as compared with 19.3 per cent for the state.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Illinois. In that year 15.7 per cent of the wage earners were included in the group "48 and under," as against 54 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 22.2 per cent of the total wage earners, as compared with 6.1 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, 93.7 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 28.3 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 6.3 per cent of the total number of manufacturing establishments in the state, but reported 71.7 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 some 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 37.1 per cent of the number of establishments in the state in 1919, they reported 90.3 per cent of the average number of wage earners and 92.2 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 152,909, or 35 per cent, and the value of products, $2,982,789,172, or 147.5 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 44 cities in 1919 represented 75.7 per cent of the total in the state. They reported in that year 85.1 per cent of the average number of wage earners and 84.3 per cent of the total value of products. The proportions for the cities were somewhat greater in 1919 than in 1914.

Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state (Table 16).—This table includes all industries in Chicago having products of $10,000,000 and over, and in East St. Louis, Peoria, Rockford, and Springfield having products of $500,000 and over, the figures being given for those industries 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 doing so, 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 method of deducting the totals shown for the industry in the city from that given in the detailed state table.

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 354,988 horsepower, or 27.2 per cent. This increase was chiefly due to the gain in rented power, 312,041 horsepower, or 109.8 per cent. The owned power increased only 42,947 horsepower, or 4.2 per cent. That is, of the total increase during this five-year period, 87.9 per cent was in rented power and 12.1 per cent in owned.

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. The consumption of fuel in Chicago is significant of the city's importance in connection with the manufactures of the state. Of the several kinds of fuel shown in Table 18, the proportions used in Chicago in 1919 were as follows: Anthracite coal, 61.3 per cent; bituminous coal, 40.6 per cent; coke, 74.8 per cent; fuel oils, 56.4 per cent; gasoline and other volatile oils, 34.3 per cent; and gas, 76.4 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	18,593	18,388	18,026	14,921	14,374	1.1	2.0	20.8	3.8
Persons engaged	804,805	617,927	561,044	447,947	(2)	30.2	10.1	25.2	.....
Proprietors and firm members	15,282	15,854	17,357	13,990	(2)	−3.6	−8.7	24.1	.....
Salaried employees	136,409	95,130	77,923	54,521	40,964	43.4	22.1	42.9	33.1
Wage earners (average number)	653,114	506,943	465,764	379,436	332,871	28.8	8.8	22.8	14.0
Primary horsepower	1,660,918	1,305,930	1,013,071	741,555	559,347	27.2	28.9	36.6	32.6
Capital	$3,366,452,969	$1,943,835,846	$1,548,170,701	$975,844,799	$732,829,771	73.2	25.6	58.6	33.2
Salaries and wages	1,075,703,708	469,387,910	364,768,119	268,965,146	199,653,424	129.2	28.7	35.6	34.7
Salaries	274,616,349	128,477,585	91,449,114	60,559,678	40,549,245	113.7	40.5	51.0	49.4
Wages	801,087,359	340,910,325	273,319,005	208,405,468	159,104,179	135.0	24.7	31.1	31.0
Paid for contract work	32,006,039	18,864,010	13,625,794	11,473,474	(2)	69.7	38.4	18.8	.....
Rent and taxes	156,959,133	75,935,987	68,176,760	[3] 11,836,006	(2)	106.7	11.4	.....	.....
Cost of materials	3,488,270,446	1,340,183,407	1,160,926,690	840,057,316	681,450,122	160.3	15.4	38.2	23.3
Value of products	5,425,244,694	2,247,322,819	1,919,276,594	1,410,342,129	1,120,868,308	141.4	17.1	36.1	25.8
Value added by manufacture [4]	1,936,974,248	907,139,412	758,349,904	570,284,813	439,418,186	113.5	19.6	33.0	29.8

[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	18,593	653,114	$801,087,359	$156,959,133	$3,488,270,446	$5,425,244,694	$1,936,974,248	1,660,918
Adams	217	5,422	5,196,925	1,310,306	16,480,542	30,631,601	14,151,059	14,952
Alexander	72	2,393	2,270,631	197,306	9,620,517	14,211,398	4,590,881	8,826
Bond	19	352	225,733	84,956	1,892,666	2,640,286	747,620	577
Boone	33	1,609	1,547,668	165,884	5,648,268	9,024,123	3,375,855	2,955
Brown	18	30	24,836	3,023	115,636	214,299	98,663	156
Bureau	62	1,263	1,273,557	41,369	5,807,989	7,315,458	1,507,469	4,876
Calhoun	16	24	28,586	1,331	94,980	173,012	78,032	63
Carroll	46	1,323	1,424,792	36,603	3,263,373	5,212,232	1,948,859	729
Cass	12	81	81,709	7,152	4,251,770	4,412,496	160,726	731
Champaign	201	1,770	2,029,313	168,484	3,867,510	7,988,290	4,120,780	4,992
Christian	27	202	189,177	17,556	1,939,431	2,318,794	379,363	1,079
Clark	45	104	86,181	9,304	901,085	1,212,156	311,071	679
Clay	40	320	302,119	21,825	523,488	1,257,144	733,656	853
Clinton	61	187	188,085	98,685	3,559,846	4,323,649	763,803	1,931
Coles	115	1,313	1,591,413	66,908	2,149,030	4,710,094	2,561,064	2,192
Cook	11,289	442,193	558,872,224	113,477,037	2,516,080,373	3,908,354,211	1,392,273,838	955,516
Crawford	54	364	401,890	41,505	1,989,048	2,932,754	943,706	1,212
Cumberland	14	41	39,578	2,532	164,578	247,984	83,406	133
De Kalb	77	2,245	2,653,653	364,945	10,374,935	16,736,192	6,361,257	6,513
De Witt	28	537	819,365	10,621	898,369	1,921,111	1,022,742	440
Douglas	32	187	208,941	10,680	542,402	953,266	410,864	682
Du Page	104	1,303	1,782,087	178,538	2,663,284	5,892,404	3,229,120	2,727
Edgar	74	723	567,592	63,556	2,513,286	4,501,271	1,987,985	1,800
Edwards	26	154	140,171	4,457	347,712	606,447	258,735	1,464
Effingham	49	280	191,236	16,669	1,515,262	2,132,621	617,359	882
Fayette	44	528	433,228	17,877	1,864,327	2,600,881	736,554	1,665
Ford	32	230	205,235	14,557	807,201	1,343,116	535,915	557
Franklin	42	175	196,210	20,691	608,817	1,031,778	422,961	1,028
Fulton	68	1,370	1,185,591	371,957	2,766,994	4,968,680	2,201,686	4,359
Gallatin	18	32	26,980	1,585	148,014	215,205	67,191	391
Greene	36	484	565,631	20,963	681,138	1,617,978	936,840	1,606
Grundy	45	408	427,551	119,176	4,633,569	6,018,961	1,385,392	2,174
Hamilton	18	32	23,530	3,683	405,316	489,396	84,080	387
Hancock	53	307	257,154	38,936	1,249,957	1,882,074	632,117	1,041
Hardin	5	13	9,230	1,695	158,363	197,358	38,995	115
Henderson	14	91	71,648	3,595	78,291	205,737	127,446	375
Henry	81	4,337	5,610,528	816,641	9,101,341	19,127,226	10,025,885	9,964
Iroquois	54	256	266,673	53,763	1,480,308	2,257,926	777,618	1,475
Jackson	57	1,648	1,767,847	153,682	5,026,250	8,214,484	3,188,234	5,551
Jasper	36	55	47,655	4,179	252,613	408,441	155,828	396
Jefferson	43	1,654	1,659,698	72,608	11,069,558	17,926,999	6,857,441	2,085
Jersey	23	445	301,431	23,702	1,785,624	2,637,036	851,412	1,149
Jo Daviess	59	457	392,494	51,233	1,881,396	2,754,032	872,636	1,204
Johnson	44	591	460,601	59,104	1,440,695	2,916,992	1,476,297	1,402
Kane	286	16,669	18,917,369	3,658,080	34,713,081	75,275,468	40,562,387	26,964
Kankakee	90	3,149	3,213,981	435,353	6,357,751	12,634,174	6,276,423	9,671
Kendall	11	216	231,147	83,453	289,569	1,277,634	988,065	921
Knox	111	2,593	2,815,802	228,770	7,167,016	12,578,872	5,411,856	6,312
La Salle	289	9,414	9,710,209	1,684,158	24,619,255	48,045,705	23,426,450	57,702
Lake	155	6,028	7,478,542	1,073,826	26,114,880	44,492,933	18,378,053	28,859
Lawrence	52	953	1,175,293	112,980	17,261,514	19,946,934	2,685,420	3,900
Lee	51	1,549	1,513,728	331,112	8,521,687	13,080,036	4,558,349	7,254
Livingston	96	926	898,986	99,257	2,273,647	4,346,184	2,072,537	3,183
Logan	56	240	181,745	36,898	459,922	958,430	498,508	729
McDonough	70	779	703,145	118,419	1,526,317	3,080,612	1,554,295	2,179
McHenry	62	2,261	2,256,355	299,169	5,951,448	11,637,410	5,685,962	3,281
McLean	120	3,052	3,662,524	449,958	6,839,763	13,623,749	6,783,986	6,936
Macon	120	5,888	7,197,644	1,264,843	25,067,210	39,385,631	14,318,421	17,451
Macoupin	83	254	252,603	20,051	1,378,212	2,074,086	695,874	784
Madison	238	16,651	21,672,993	9,921,769	122,039,259	178,994,722	56,955,463	60,590
Marion	77	1,301	1,413,582	53,126	2,200,100	4,354,319	2,154,219	2,193
Marshall	28	239	191,538	43,602	740,363	1,384,226	643,863	603
Mason	32	283	278,368	68,498	705,193	1,457,424	752,231	1,321
Massac	37	703	671,507	118,202	2,045,184	3,414,973	1,369,789	2,186
Menard	23	65	46,471	4,417	172,718	267,610	94,892	568
Mercer	30	283	260,545	17,240	480,949	962,477	481,528	1,073
Monroe	28	304	216,739	45,737	2,531,553	2,966,829	435,276	1,644
Montgomery	68	1,927	1,967,351	161,404	7,454,566	11,253,181	3,798,515	5,224
Morgan	69	1,120	958,851	76,273	5,258,168	7,262,711	2,004,543	1,970
Moultrie	18	47	41,382	5,169	99,558	197,934	98,376	139
Ogle	42	835	922,747	110,229	3,605,194	5,525,773	1,920,579	3,066
Peoria	295	9,313	10,001,414	1,484,704	46,610,520	71,903,042	25,292,522	40,942
Perry	32	184	168,549	33,438	1,310,655	1,772,435	461,780	1,445
Piatt	24	120	89,707	267,747	788,128	2,350,613	1,562,485	269
Pike	41	128	104,692	30,166	1,132,881	1,504,199	371,318	664
Pope	15	32	30,395	1,224	126,174	184,768	58,594	558
Pulaski	24	844	892,019	85,996	971,901	2,397,524	1,425,623	2,689
Putnam	8	18	15,581	754	38,537	100,353	61,816	126
Randolph	56	692	488,837	124,934	8,606,076	10,206,298	1,600,222	2,569
Richland	39	193	98,316	14,760	810,328	1,202,174	391,846	785
Rock Island	177	13,625	18,343,936	2,683,321	47,043,751	86,735,641	39,691,890	33,873
St. Clair	375	21,459	25,459,959	2,644,061	233,672,041	281,455,508	47,783,467	74,440
Saline	37	289	373,705	20,618	1,065,669	1,647,223	581,554	1,449
Sangamon	213	5,388	4,992,638	788,522	12,452,197	22,870,698	10,418,501	7,931
Schuyler	14	109	151,926	3,274	127,609	325,336	197,727	125

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.					
Scott	16	56	$48,024	$1,739	$78,164	$180,720	$102,556	192
Shelby	35	69	63,007	6,872	298,223	471,557	173,334	304
Stark	24	93	84,265	6,248	316,650	577,649	260,999	199
Stephenson	112	3,242	3,471,888	492,357	11,803,785	19,586,853	7,783,068	7,732
Tazewell	88	2,991	3,682,765	436,532	23,162,902	40,389,561	17,226,659	9,359
Union	39	219	128,879	13,870	762,358	1,105,207	342,849	1,180
Vermilion	193	5,215	6,108,605	592,214	16,464,592	28,129,475	11,664,883	16,093
Wabash	29	576	650,320	85,822	3,971,079	5,423,876	1,452,797	3,516
Warren	47	684	550,191	50,332	1,715,777	2,925,609	1,209,832	2,529
Washington	33	107	95,288	11,639	2,383,251	2,785,955	402,704	1,385
Wayne	32	440	203,428	23,769	554,716	1,214,914	660,198	792
White	37	79	56,255	9,332	872,017	1,232,205	360,188	1,070
Whiteside	71	2,597	2,899,966	735,593	10,288,920	17,968,150	7,679,230	9,266
Will	207	12,707	17,189,691	4,452,632	60,278,851	96,956,717	36,677,866	90,703
Williamson	64	355	339,695	36,415	1,388,674	2,241,625	852,951	1,847
Winnebago	337	15,825	19,216,882	3,000,790	40,089,086	81,087,019	40,997,933	35,453
Woodford	34	203	189,012	46,606	565,605	1,094,160	528,555	846

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	18,593	653,114	100.0	$5,425,245	100.0	$1,936,974	100.0
Slaughtering and meat packing	72	54,179	8.3	1,284,103	23.7	141,153	7.3
Foundry and machine-shop products	870	45,879	7.0	235,404	4.3	137,061	7.1
Clothing, men's	502	32,896	5.0	197,017	3.7	106,369	5.5
Iron and steel, steel works and rolling mills	32	20,177	3.1	173,345	3.3	73,025	3.8
Agricultural implements	68	22,548	3.5	128,285	2.4	63,125	3.3
Cars, steam-railroad, not including operations of railroad companies	19	13,775	2.1	125,218	2.3	42,790	2.2
Electrical machinery, apparatus, and supplies	161	27,290	4.2	119,528	2.2	67,902	3.5
Flour-mill and gristmill products	322	2,740	0.4	116,563	2.2	13,397	0.7
Printing and publishing, book and job	1,240	21,639	3.3	110,886	2.1	68,396	3.5
Cars and general shop construction and repairs by steam-railroad companies	133	40,219	6.2	103,219	1.9	63,418	3.3
Bread and other bakery products	2,345	12,418	1.9	102,664	1.9	41,067	2.1
Food preparations, not elsewhere specified	134	4,061	0.6	94,240	1.7	13,809	0.7
Printing and publishing, newspapers and periodicals	1,204	10,120	1.6	88,946	1.6	58,961	3.1
Automobiles	25	3,507	0.5	77,018	1.4	15,987	0.8
Confectionery and ice cream	462	8,779	1.3	73,097	1.4	32,001	1.7
Clothing, women's	398	10,278	1.6	68,044	1.3	26,909	1.4
Iron and steel, blast furnaces	5	2,129	0.3	64,762	1.2	13,236	0.7
Petroleum, refining	13	2,448	0.4	64,549	1.2	10,495	0.5
Furniture	286	12,294	1.9	60,771	1.1	32,580	1.7
Leather, tanned, curried, and finished	29	4,434	0.7	60,324	1.1	17,671	0.9
Engines, steam, gas, and water	25	8,645	1.3	45,741	0.8	22,097	1.1
Oleomargarine and other butter substitutes	9	1,311	0.2	44,256	0.8	7,013	0.4
Steam fittings and steam and hot-water heating apparatus	28	9,928	1.5	43,941	0.8	20,480	1.1
Paints	50	2,640	0.4	43,062	0.8	13,436	0.7
Tinware, not elsewhere specified	28	5,927	0.9	42,833	0.8	13,671	0.7
Boots and shoes	51	7,684	1.2	39,402	0.7	14,184	0.7
Coffee and spice, roasting and grinding	32	1,205	0.2	38,189	0.7	8,496	0.4
Gas, illuminating and heating	70	4,430	0.7	36,930	0.7	19,038	1.0
Lumber, planing-mill products, not including planing mills connected with sawmills	269	5,147	0.8	34,589	0.6	13,909	0.7
Musical instruments, pianos	33	6,991	1.1	30,848	0.6	17,893	0.9
Condensed milk	38	1,111	0.2	30,438	0.6	5,761	0.3
Wire	10	2,775	0.4	29,855	0.6	11,408	0.6
Boxes, paper and other, not elsewhere specified	87	5,923	0.9	28,893	0.5	13,337	0.7
Automobile bodies and parts	204	5,298	0.8	27,865	0.5	14,943	0.8
Structural ironwork, not made in steel works or rolling mills	115	3,790	0.6	27,586	0.5	11,016	0.6
Roofing materials	25	2,722	0.4	27,561	0.5	10,043	0.5
Liquors, malt	61	2,796	0.4	27,323	0.5	20,184	1.0
Butter	129	813	0.1	26,376	0.5	2,638	0.1
Babbitt metal and solder	12	728	0.1	$25,896	0.5	$3,774	0.2
Soap	29	2,270	0.3	25,734	0.5	6,250	0.3
Patent medicines and compounds	208	1,599	0.2	25,395	0.5	14,141	0.7
Brass, bronze, and copper products	90	3,174	0.5	25,107	0.5	9,417	0.5
Smelting and refining, zinc	7	4,224	0.6	24,954	0.5	6,501	0.3
Stoves and hot-air furnaces	56	4,880	0.7	22,523	0.4	14,012	0.7
Hardware	84	4,914	0.8	22,443	0.4	13,767	0.7
Chemicals	33	3,004	0.5	22,061	0.4	10,058	0.5
Knit goods	58	5,095	0.8	20,460	0.4	8,759	0.5
Millinery and lace goods, not elsewhere specified	121	4,830	0.7	19,849	0.4	9,119	0.5
Pickles, preserves, and sauces	68	2,255	0.3	19,046	0.4	7,006	0.4
Boxes, wooden packing, except cigar boxes	63	4,524	0.7	18,857	0.3	8,492	0.4
Glass	14	4,065	0.6	18,245	0.3	12,685	0.7
Brick and tile, terra-cotta, and fire-clay products	144	5,627	0.9	17,564	0.3	12,734	0.7
Coke, not including gas-house coke	4	1,396	0.2	16,837	0.3	4,209	0.2
Baking powders and yeast	14	922	0.1	15,682	0.3	6,743	0.3
Iron and steel forgings, not made in steel works or rolling mills	24	2,328	0.4	15,207	0.3	7,132	0.4
Machine tools	28	3,273	0.5	15,008	0.3	10,253	0.5
Instruments, professional and scientific	33	3,621	0.6	14,881	0.3	8,898	0.5
Washing machines and clothes wringers	21	1,747	0.3	14,436	0.3	5,861	0.3
Paper and wood pulp	19	1,831	0.3	14,357	0.3	5,144	0.3
Automobile repairing	785	3,120	0.5	13,951	0.3	7,849	0.4
Copper, tin, and sheet-iron work	391	2,232	0.3	13,208	0.2	7,062	0.4
Carriages and wagons, including repairs	99	2,303	0.4	12,997	0.2	5,888	0.3
Phonographs and graphophones	36	1,919	0.3	12,842	0.2	5,745	0.3
Tools, not elsewhere specified	114	2,998	0.5	12,043	0.2	7,685	0.4
Tobacco, cigars and cigarettes	1,182	3,363	0.5	11,827	0.2	6,490	0.3
Varnishes	33	538	0.1	11,726	0.2	3,850	0.2
Cooperage	46	1,447	0.2	11,577	0.2	3,904	0.2
Window shades and fixtures	59	1,344	0.2	11,261	0.2	3,292	0.2
Smelting and refining, not from the ore	17	479	0.1	11,233	0.2	1,917	0.1
Plumbers' supplies, not elsewhere specified	18	2,096	0.3	10,197	0.2	5,501	0.3
Ice, manufactured	154	1,681	0.3	10,093	0.2	7,579	0.4
Sausage, not made in slaughtering and meat-packing establishments	54	796	0.1	10,064	0.2	2,551	0.1
Corsets	22	2,273	0.3	9,232	0.2	4,529	0.2
Stamped and enameled ware, not elsewhere specified	22	2,450	0.4	9,216	0.2	4,733	0.2
Glue, not elsewhere specified	11	1,583	0.2	9,157	0.2	4,218	0.2
Stationery goods, not elsewhere specified	32	1,668	0.3	8,951	0.2	5,720	0.3
Canning and preserving, fruits and vegetables	59	1,405	0.2	8,846	0.2	3,416	0.2
Perfumery and cosmetics	75	710	0.1	8,776	0.2	5,354	0.3
Mattresses and spring beds, not elsewhere specified	72	1,571	0.2	8,725	0.2	3,878	0.2

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

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.
Furnishing goods, men's	34	1,566	0.2	$8,535	0.2	$3,781	0.2
Cement	5	1,123	0.2	8,283	0.2	4,308	0.2
Signs and advertising novelties	109	1,883	0.3	8,247	0.2	5,221	0.3
Fur goods	123	670	0.1	8,113	0.1	3,501	0.2
Malt	10	378	0.1	8,020	0.1	1,782	0.1
Bags, other than paper, not including bags made in textile mills	9	381	0.1	7,934	0.1	2,533	0.1
Cars and general shop construction and repairs by electric-railroad companies	49	3,151	0.5	7,478	0.1	4,681	0.2
Bookbinding and blank-book making	113	2,395	0.4	7,478	0.1	4,839	0.3
Marble and stone work	247	1,081	0.2	7,443	0.1	3,931	0.2
Cash registers and calculating machines	11	1,855	0.3	7,354	0.1	5,800	0.3
Trunks and valises	61	1,181	0.2	7,293	0.1	3,439	0.2
Sewing machines and attachments	5	1,960	0.3	7,167	0.1	4,790	0.2
Looking-glass and picture frames	60	1,944	0.3	7,160	0.1	4,417	0.2
Saddlery and harness	183	887	0.1	7,032	0.1	2,502	0.1
Wirework, not elsewhere specified	49	821	0.1	6,958	0.1	2,887	0.1
Springs, steel, car and carriage, not made in steel works or rolling mills	12	1,104	0.2	6,937	0.1	3,212	0.2
Gas and electric fixtures	40	1,448	0.2	6,757	0.1	3,459	0.2
Screws, machine	24	1,811	0.3	6,617	0.1	4,019	0.2
Cotton goods	7	1,277	0.2	6,484	0.1	1,976	0.1
Envelopes	17	1,394	0.2	6,431	0.1	3,105	0.2
House-furnishing goods, not elsewhere specified	51	843	0.1	6,337	0.1	2,363	0.1
Lumber and timber products	163	1,616	0.2	6,330	0.1	3,359	0.2
Fertilizers	12	953	0.1	6,160	0.1	2,437	0.1
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	13	906	0.1	6,109	0.1	3,040	0.2
Jewelry	78	992	0.2	6,082	0.1	3,445	0.2
Cordials and flavoring sirups	10	81	(1)	6,063	0.1	2,037	0.1
Lithographing	31	1,083	0.2	6,015	0.1	3,771	0.2
Oil, not elsewhere specified	16	101	(1)	5,865	0.1	1,920	0.1
Coffins, burial cases, and undertakers' goods	25	1,016	0.2	5,787	0.1	3,174	0.2
Wall paper, not made in paper mills	9	954	0.1	5,708	0.1	2,380	0.1
Paper goods, not elsewhere specified	20	543	0.1	5,589	0.1	2,588	0.1
Gloves and mittens, leather	31	1,239	0.2	$5,423	0.1	$2,349	0.1
Mineral and soda waters	275	719	0.1	5,232	0.1	2,844	0.1
Lamps and reflectors	27	1,190	0.2	5,075	0.1	2,596	0.1
Sulphuric, nitric, and mixed acids	3	875	0.1	5,057	0.1	2,829	0.1
Druggists' preparations	31	503	0.1	4,889	0.1	2,775	0.1
Motorcycles, bicycles, and parts	7	1,082	0.2	4,852	0.1	2,879	0.1
Liquors, distilled, grain alcohol	6	327	0.1	4,821	0.1	1,039	0.1
Engraving, steel and copper plate, including plate printing	33	1,189	0.2	4,794	0.1	3,223	0.2
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	23	182	(1)	4,733	0.1	984	0.1
Windmills	8	734	0.1	4,715	0.1	2,576	0.1
Cleansing and polishing preparations	61	361	0.1	4,702	0.1	2,401	0.1
Fancy articles, not elsewhere specified	54	907	0.1	4,679	0.1	2,205	0.1
Typewriters and supplies	11	1,629	0.2	4,597	0.1	3,366	0.2
Musical instruments, piano and organ materials	9	1,311	0.2	4,538	0.1	2,297	0.1
Shirts	30	842	0.1	4,199	0.1	1,838	0.1
Hats and caps, other than felt, straw, and wool	47	679	0.1	4,191	0.1	1,842	0.1
Photo-engraving	31	962	0.1	4,160	0.1	3,490	0.2
Rubber tires, tubes, and rubber goods, not elsewhere specified	20	650	0.1	4,135	0.1	2,151	0.1
Stoves, gas and oil	13	632	0.1	4,016	0.1	1,842	0.1
Leather goods, not elsewhere specified	41	687	0.1	3,922	0.1	1,643	0.1
Upholstering materials, not elsewhere specified	7	734	0.1	3,901	0.1	2,114	0.1
Cutlery and edge tools	18	964	0.1	3,849	0.1	2,497	0.1
Explosives	9	454	0.1	3,780	0.1	1,514	0.1
Dairymen's, poultrymen's, and apiarists' supplies	26	609	0.1	3,506	0.1	2,183	0.1
Labels and tags	13	694	0.1	3,428	0.1	2,108	0.1
Brooms	82	692	0.1	3,423	0.1	1,450	0.1
Belting, leather	9	192	(1)	3,315	0.1	855	(1)
Stereotyping and electrotyping	26	706	0.1	3,284	0.1	2,646	0.1
Engraving and diesinking	36	713	0.1	3,236	0.1	2,002	0.1
Scales and balances	16	699	0.1	3,207	0.1	1,934	0.1
Wood preserving	7	518	0.1	3,143	0.1	1,417	0.1
Minerals and earths, ground or otherwise treated	26	694	0.1	3,137	0.1	1,993	0.1
Paving materials	32	959	0.1	3,093	0.1	2,086	0.1
All other industries [2]	1,934	57,159	8.8	469,712	8.7	195,294	10.1

[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 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: "Ammunition"; "bags, paper, not including bags made in paper mills"; "boot and shoe cut stock"; "chewing gum"; "clocks"; "cordage and twine"; "dyestuffs and extracts—natural"; "glucose and starch"; "grease and tallow, not including lubricating greases"; "iron and steel, wrought pipe"; "oil and cake, cottonseed"; "oil, linseed"; "pencils, lead"; "shipbuilding, steel"; "silk goods, including throwsters"; "smelting and refining, lead"; "soda-water apparatus"; "surgical appliances"; "suspenders, garters, and elastic woven goods"; "tobacco, chewing and smoking, and snuff"; "watchcases"; "watches"; and "wool scouring."

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	804,805	639,101	165,704	79.4	20.6
	1914	617,927	510,833	107,094	82.7	17.3
	1909	561,044	465,139	95,905	82.9	17.1
Proprietors and officials	1919	49,560	47,499	2,061	95.8	4.2
	1914	35,005	33,768	1,237	96.5	3.5
	1909	33,611	32,567	1,044	96.9	3.1
Proprietors and firm members	1919	15,282	14,609	673	95.6	4.4
	1914	15,854	15,180	674	95.7	4.3
	1909	17,357	16,725	632	96.4	3.6
Salaried officers of corporations	1919	11,024	10,485	539	95.1	4.9
	1914	7,980	7,714	266	96.7	3.3
	1909	6,764	6,548	216	96.8	3.2
Superintendents and managers	1919	23,254	22,405	849	96.3	3.7
	1914	11,171	10,874	297	97.3	2.7
	1909	9,490	9,294	196	97.9	2.1
Clerks and other subordinate salaried employees	1919	102,131	64,397	37,734	63.1	36.9
	1914	75,979	56,000	19,979	73.7	26.3
	1909	61,669	46,390	15,279	75.2	24.8
Wage earners (average number)	1919	653,114	527,205	125,909	80.7	19.3
	1914	506,943	421,065	85,878	83.1	16.9
	1909	465,764	386,182	79,582	82.9	17.1
16 years of age and over	1919	644,649	522,687	121,962	81.1	18.9
	1914	501,251	418,363	82,888	83.5	16.5
	1909	458,847	382,691	76,156	83.4	16.6
Under 16 years of age	1919	8,465	4,518	3,947	53.4	46.6
	1914	5,692	2,702	2,990	47.5	52.5
	1909	6,917	3,491	3,426	50.5	49.5

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	653,114	80.0	18.7	1.3
	1914	506,943	82.5	16.4	1.1
	1909	465,764	82.2	16.3	1.5
Agricultural implements	1919	22,548	97.8	2.0	0.1
	1914	19,556	98.9	1.0	0.1
Automobile bodies and parts	1919	5,298	93.1	6.6	0.3
	1914	1,236	97.8	2.1	0.1
Automobiles	1919	3,507	98.4	1.4	0.2
	1914	1,309	99.5	0.5	.....
Automobile repairing	1919	3,120	98.9	1.0	0.1
	1914	759	99.1	0.5	0.4
Bookbinding and blank-book making	1919	2,395	51.2	43.0	5.8
	1914	2,460	53.5	44.1	2.5
Boots and shoes	1919	7,684	52.8	44.1	3.1
	1914	6,071	59.6	38.0	2.4
Boxes, paper and other, not elsewhere specified.	1919	5,923	41.4	44.1	14.5
	1914	4,586	42.4	47.7	9.9
Boxes, wooden packing, except cigar boxes.	1919	4,524	88.4	11.1	0.6
	1914	4,438	94.7	4.6	0.8
Brass, bronze, and copper products	1919	3,174	92.8	6.7	0.5
	1914	1,502	97.3	1.9	0.8
Bread and other bakery products	1919	12,418	69.9	28.7	1.4
	1914	10,404	75.4	23.5	1.1
Brick and tile, terra-cotta, and fire-clay products.	1919	5,627	99.8	0.1	0.1
	1914	7,151	99.7	0.1	0.3
Carriages and wagons, including repairs	1919	2,303	99.2	0.7	0.1
	1914	4,275	98.4	1.6	(1)
Cars and general shop construction and repairs by electric-railroad companies.	1919	3,151	99.4	0.6	.....
	1914	1,813	99.7	0.3	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	40,219	99.3	0.7	(1)
	1914	28,682	99.9	0.1	(1)
Cars, steam-railroad, not including operations of railroad companies.	1919	13,775	98.4	1.6	.....
	1914	18,000	99.7	0.3	.....
Chemicals	1919	3,004	98.3	1.7	.....
	1914	1,682	98.7	1.2	0.1
Clothing, men's	1919	32,896	46.6	52.6	0.8
	1914	34,152	46.3	52.0	1.7
Clothing, women's	1919	10,278	29.3	69.3	1.4
	1914	8,113	30.9	67.6	1.5
Confectionery and ice cream	1919	8,779	50.4	46.1	3.5
	1914	5,829	46.6	46.9	6.5
Copper, tin, and sheet-iron work	1919	2,232	97.0	2.5	0.5
	1914	2,490	98.4	1.0	0.6
Corsets	1919	2,273	12.5	82.1	5.4
	1914	1,974	9.5	86.3	4.3
Electrical machinery, apparatus, and supplies.	1919	27,290	69.7	28.1	2.2
	1914	16,483	78.8	20.9	0.3
Engines, steam, gas, and water	1919	8,645	97.6	2.4	(1)
	1914	1,860	99.6	0.3	0.1
Flour-mill and gristmill products	1919	2,740	98.1	1.9	.....
	1914	2,398	99.3	0.5	0.1
Food preparations, not elsewhere specified	1919	4,061	67.5	31.9	0.6
	1914	1,790	69.2	30.0	0.8
Foundry and machine-shop products [2]	1919	49,450	95.8	3.7	0.5
	1914	37,130	97.2	2.3	0.5
Furniture	1919	12,294	93.3	5.9	0.8
	1914	13,350	96.7	2.2	1.0
Gas, illuminating and heating	1919	4,430	98.7	1.3	.....
	1914	3,890	100.0	.....	.....
Glass	1919	4,065	88.0	11.1	0.9
	1914	3,764	95.8	4.0	0.2
Hardware	1919	4,914	84.5	14.1	1.4
	1914	4,035	89.4	9.5	1.1
Instruments, professional and scientific	1919	3,621	78.1	21.5	0.4
	1914	1,104	75.9	23.4	0.7
Iron and steel, blast furnaces	1919	2,129	99.9	(1)	.....
	1914	1,450	100.0	.....	.....
Iron and steel, steel works and rolling mills.	1919	20,177	99.5	0.4	(1)
	1914	15,408	99.9	0.1	(1)
Iron and steel forgings, not made in steel works or rolling mills.	1919	2,328	98.4	1.6	.....
	1914	750	100.0	.....	.....
Knit goods	1919	5,095	27.3	69.0	3.6
	1914	3,535	31.2	66.5	2.3
Leather, tanned, curried, and finished	1919	4,434	86.5	12.7	0.8
	1914	2,678	99.3	0.6	0.1
Liquors, malt	1919	2,796	98.1	1.8	0.1
	1914	5,749	98.9	0.8	0.3
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	5,147	97.5	1.7	0.9
	1914	7,734	99.1	0.2	0.7
Millinery and lace goods, not elsewhere specified.	1919	4,830	20.6	77.5	1.9
	1914	3,323	25.0	72.9	2.2
Musical instruments, pianos	1919	6,991	87.4	10.0	2.5
	1914	6,682	95.1	3.7	1.2
Paints	1919	2,640	88.9	11.0	0.1
	1914	1,670	89.9	10.0	0.1
Petroleum, refining	1919	2,448	97.3	2.7	.....
	1914	1,072	100.0	.....	.....
Pickles, preserves, and sauces	1919	2,255	46.2	52.8	1.0
	1914	1,192	51.2	45.9	2.9
Plumbers' supplies, not elsewhere specified.	1919	2,096	91.4	8.4	0.2
	1914	3,422	95.0	4.9	0.1
Printing and publishing, book and job	1919	21,639	73.5	22.8	3.6
	1914	18,892	74.1	22.9	3.0
Printing and publishing, newspapers and periodicals.	1919	10,120	76.0	17.4	6.6
	1914	9,021	81.4	16.2	2.4
Roofing materials	1919	2,722	95.6	4.3	0.1
	1914	862	98.7	0.9	0.3
Slaughtering and meat packing	1919	54,179	87.0	13.0	(1)
	1914	31,315	89.8	10.1	0.2
Smelting and refining, zinc	1919	4,224	99.9	(1)	.....
	1914	3,573	99.3	0.1	0.7
Soap	1919	2,270	62.2	35.0	2.8
	1914	2,144	70.8	25.4	3.9
Stamped and enameled ware, not elsewhere specified.	1919	2,450	69.0	30.0	1.0
	1914	1,572	80.3	18.4	1.3
Steam fittings and steam and hot-water heating apparatus.	1919	9,928	92.0	8.0	(1)
	1914	2,579	96.1	3.8	0.2
Stoves and hot-air furnaces	1919	4,880	94.8	0.5	4.7
	1914	3,323	99.0	0.1	0.9
Structural ironwork, not made in steel works or rolling mills.	1919	3,790	99.9	0.1	.....
	1914	4,933	99.7	0.2	0.1
Tinware, not elsewhere specified	1919	5,927	65.6	33.9	0.6
	1914	3,383	70.6	28.7	0.7
Tobacco, cigars and cigarettes	1919	3,363	68.6	29.9	1.4
	1914	6,457	74.3	23.1	2.6
Tools, not elsewhere specified	1919	2,998	95.7	3.8	0.4
	1914	1,115	97.9	1.7	0.4
Wire	1919	2,775	96.3	3.7	.....
	1914	2,763	99.2	0.8	.....
All other industries	1919	141,845	73.5	24.7	1.8
	1914	108,060	77.9	20.5	1.5

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

[2] Includes "iron and steel, tempering and welding"; "machine tools"; and "steel barrels, drums, and tanks."

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.												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
Alton	3,236	2,662	2,429	2,751	2,527	2,247	484	122	124	1	13	58	$31,036,983	$12,864,532	$10,096,333
Aurora	6,608	4,777	5,095	5,246	3,623	4,081	1,078	1,058	943	284	96	71	30,038,961	10,789,383	10,954,175
Belleville	3,160	2,450	1,872	2,318	1,997	1,662	734	387	139	108	66	71	14,017,292	5,727,209	4,614,698
Berwyn	25	.....	.....	20	.....	.....	5	.....	.....	.....	.....	.....	155,157	.....	.....
Bloomington	2,818	2,384	2,077	2,503	2,149	1,767	274	220	266	41	15	44	11,519,580	4,803,808	4,867,930
Blue Island	1,180	.....	.....	986	.....	.....	193	.....	.....	1	.....	.....	7,498,870	.....	.....
Cairo	1,792	1,522	1,237	1,621	1,479	1,202	169	42	32	2	1	3	10,526,159	4,583,539	4,440,148
Canton	1,296	920	1,262	1,061	804	1,143	221	116	111	14	.....	8	4,558,447	2,576,965	2,941,625
Centralia	1,003	237	.....	793	154	.....	206	82	.....	4	1	.....	3,010,556	767,533	.....
Champaign	1,063	382	273	958	331	253	103	50	14	2	1	6	5,187,010	1,244,696	846,489
Chicago	403,942	313,710	293,977	311,051	246,979	231,461	87,192	62,412	57,545	5,699	4,319	4,971	3,657,424,471	1,483,498,416	1,281,171,181
Chicago Heights	5,328	4,288	3,953	4,931	4,104	3,830	357	171	95	40	13	28	41,788,147	14,485,569	10,839,268
Cicero[1]	14,754	.....	.....	11,674	.....	.....	3,044	.....	.....	36	.....	.....	57,918,418	.....	.....
Danville	3,343	2,109	1,744	3,106	1,929	1,605	234	160	127	3	20	12	15,005,953	5,291,160	3,350,596
Decatur	5,693	4,003	2,699	4,918	3,349	2,213	675	484	402	100	170	84	38,683,689	11,957,406	9,767,988
East St. Louis	8,785	5,863	5,226	8,337	5,750	5,006	420	95	156	28	18	64	77,292,812	26,904,565	18,103,788
Elgin	6,846	5,529	6,067	3,999	3,277	3,618	2,697	2,180	2,353	150	72	96	25,648,891	10,491,829	10,537,052
Evanston	1,405	924	837	1,227	899	754	169	24	82	9	1	1	9,791,025	3,984,824	3,778,298
Forest Park	192	.....	.....	181	.....	.....	10	.....	.....	1	.....	.....	1,016,236	.....	.....
Freeport	3,177	2,566	2,853	2,714	2,372	2,585	409	173	245	54	21	23	18,405,204	7,446,977	7,811,277
Galesburg	2,222	1,362	1,465	1,915	1,212	1,266	215	147	186	92	3	13	10,352,242	3,192,129	2,910,091
Granite City	5,493	5,090	.....	5,061	4,859	.....	402	226	.....	30	5	.....	43,039,044	17,903,162	.....
Herrin	52	.....	.....	42	.....	.....	10	.....	.....	.....	.....	.....	285,225	.....	.....
Jacksonville	1,091	932	947	809	739	700	271	177	234	11	16	13	7,126,506	2,355,192	2,298,700
Joliet	11,259	4,999	6,383	10,295	4,443	5,834	945	552	523	19	4	26	82,669,536	30,091,415	38,816,523
Kankakee	1,959	1,430	1,349	1,202	989	938	606	389	348	151	52	63	7,287,117	3,193,020	2,723,171
Kewanee	3,909	2,837	.....	3,393	2,462	.....	478	348	.....	38	27	.....	16,278,508	5,446,615	.....
La Salle	1,792	1,214	936	1,777	1,179	909	12	8	9	3	27	18	9,533,706	5,245,780	4,327,551
Lincoln	194	239	220	144	220	204	45	17	15	5	2	1	784,734	560,637	570,243
Mattoon	1,134	735	948	1,072	697	916	60	38	32	2	.....	.....	4,051,058	1,543,727	1,434,420
Maywood	2,217	.....	.....	1,769	.....	.....	448	.....	.....	.....	.....	.....	14,432,705	.....	.....
Moline	5,444	5,053	5,387	5,129	4,854	5,170	289	170	175	26	29	42	44,871,021	19,925,106	20,663,848
Murphysboro	1,139	.....	.....	934	.....	.....	205	.....	.....	.....	.....	.....	6,208,317	.....	.....
Oak Park	383	268	282	353	253	276	29	15	6	1	.....	.....	2,280,640	1,555,083	1,117,097
Ottawa	729	.....	.....	637	.....	.....	92	.....	.....	.....	.....	.....	3,223,647	.....	.....
Pekin	934	634	.....	894	598	.....	38	35	.....	2	1	.....	25,663,968	9,609,500	.....
Peoria	7,977	6,285	5,981	6,369	5,182	5,213	1,409	972	722	199	131	46	57,074,893	64,689,045	63,061,155
Quincy	4,443	3,067	3,997	3,634	2,523	3,223	739	493	714	70	51	60	23,498,813	9,556,918	11,065,809
Rock Island	3,208	1,837	1,754	2,936	1,690	1,596	261	141	112	11	6	46	22,350,114	6,487,859	5,386,776
Rockford	14,992	10,472	9,309	12,233	8,654	7,615	2,662	1,767	1,499	97	51	195	74,918,953	26,371,219	22,265,740
Springfield	5,365	4,157	3,652	3,856	3,312	2,920	1,477	813	688	32	32	44	22,723,365	11,769,969	8,497,245
Streator	1,301	1,763	1,275	1,137	1,626	1,109	146	122	108	18	15	58	6,662,302	3,886,617	2,137,252
Urbana	509	.....	.....	414	.....	.....	46	.....	.....	49	.....	.....	1,450,522	.....	.....
Waukegan	2,538	2,276	2,956	2,137	2,098	2,741	370	169	196	31	9	19	24,093,062	12,438,514	19,540,700

[1] Statistics for Cicero could not be shown in 1914 and 1909 without 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	650,664	517,634	*438,594*	94.3	99.2	88.0	July	638,982	505,982	454,410	92.6	97.0	91.1
February	643,541	518,292	442,881	93.3	99.3	88.8	August	658,478	502,603	460,414	95.4	96.3	92.3
March	636,041	**521,752**	452,563	92.2	100.0	90.8	September	681,270	504,543	481,796	98.7	96.7	96.6
April	620,500	514,505	455,145	89.9	98.6	91.3	October	681,015	505,655	493,928	98.7	96.9	99.1
May	*618,701*	508,665	454,965	89.7	97.7	91.2	November	**689,945**	488,164	496,452	100.0	93.6	99.6
June	628,740	512,246	459,375	91.1	98.2	92.1	December	689,491	*483,275*	**498,640**	99.9	92.6	100.0

[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	653,114	650,664	643,541	636,041	620,500	*618,701*	628,740	638,982	658,478	681,270	681,015	**689,945**	689,491	89.7
Males	527,205	527,184	521,149	515,107	503,017	*500,900*	509,081	516,667	530,173	548,501	545,162	554,398	**555,121**	90.2
Females	125,909	123,480	122,392	120,934	*117,483*	117,801	119,659	122,315	128,305	132,769	**135,853**	135,547	134,370	86.5
Agricultural implements	22,548	24,513	**25,045**	24,474	22,811	21,940	21,613	22,448	*18,920*	21,784	21,848	22,016	23,164	75.5
Automobile bodies and parts	5,298	*4,298*	4,414	4,567	4,731	4,878	5,012	5,308	5,636	6,015	6,118	6,238	**6,361**	67.6
Automobiles	3,507	*3,017*	3,024	3,167	3,262	3,321	3,420	3,488	3,688	3,733	3,943	**4,040**	3,981	74.7
Automobile repairing	3,120	*2,918*	2,931	2,978	3,062	3,117	3,187	**3,282**	3,245	3,247	3,192	3,157	3,124	88.9
Bookbinding and blank-book making	2,395	*2,164*	2,209	2,280	2,308	2,337	2,349	2,424	2,499	2,501	2,533	2,560	**2,576**	84.0
Boots and shoes	7,684	7,563	7,761	7,806	*5,609*	6,163	7,431	7,933	7,976	8,200	8,453	8,576	**8,737**	64.2
Boxes, paper and other, not elsewhere specified	5,923	5,932	5,762	5,625	5,580	*5,525*	5,608	5,737	6,061	6,093	6,377	**6,434**	6,342	85.9
Boxes, wooden packing, except cigar boxes	4,524	**5,024**	4,873	4,742	4,457	4,547	4,608	*2,965*	4,692	4,495	4,621	4,655	4,609	59.0
Brass, bronze, and copper products	3,174	3,280	3,065	2,868	2,916	2,998	*2,765*	3,075	3,415	3,391	3,369	3,381	**3,565**	77.6
Bread and other bakery products	12,418	11,943	11,661	11,704	12,284	*11,257*	12,340	12,901	12,793	12,733	13,084	13,132	**13,184**	85.4
Brick and tile, terra-cotta, and fire-clay products	5,627	*3,239*	3,257	3,842	4,937	5,768	6,245	6,629	6,879	7,065	**7,443**	6,733	5,547	43.5
Carriages and wagons, including repairs	2,303	2,412	2,306	2,235	2,159	2,118	*1,963*	2,140	2,247	2,458	**2,589**	2,525	2,484	75.8
Cars and general shop construction and repairs by electric-railroad companies	3,151	3,256	3,252	3,219	3,099	2,992	2,915	*2,842*	2,943	3,103	3,310	3,407	**3,474**	81.8
Cars and general shop construction and repairs by steam-railroad companies	40,219	40,390	40,107	39,616	39,116	*38,978*	39,148	39,552	39,669	40,801	41,532	**41,883**	41,836	93.1
Cars, steam-railroad, not including operations of railroad companies	13,775	**15,964**	15,150	15,942	15,599	12,869	12,054	*11,151*	12,846	13,489	14,067	13,458	12,711	69.9
Chemicals	3,004	3,039	2,812	2,647	*2,570*	2,572	2,694	2,831	3,280	3,391	**3,544**	3,452	3,216	72.5
Clothing, men's	32,896	*27,825*	29,200	30,050	29,498	30,266	31,774	33,032	35,031	36,468	**38,088**	36,384	37,136	73.1
Clothing, women's	10,278	*9,068*	10,071	10,390	10,399	9,795	9,844	9,871	10,948	**11,230**	11,052	10,543	10,125	80.7
Confectionery and ice cream	8,779	7,738	8,333	8,258	7,951	7,705	7,821	*7,407*	9,387	10,214	**10,690**	10,479	9,365	69.3
Copper, tin, and sheet-iron work	2,232	*1,965*	1,998	1,995	2,080	2,156	2,251	2,326	2,265	2,396	**2,459**	2,453	2,440	79.9
Corsets	2,273	2,162	2,147	*2,141*	2,176	2,208	2,167	2,198	2,293	2,247	2,459	2,499	**2,579**	83.0
Electrical machinery, apparatus, and supplies	27,290	26,772	25,804	*25,650*	25,705	25,868	26,046	26,241	27,346	28,129	29,117	29,837	**30,965**	82.8
Engines, steam, gas, and water	8,645	**9,821**	9,583	9,325	8,455	8,382	7,955	*7,785*	8,061	8,519	8,518	8,497	8,839	79.3
Flour-mill and gristmill products	2,740	2,680	2,597	*2,567*	2,580	2,579	2,577	2,701	2,875	**2,937**	2,934	2,934	2,919	87.4
Food preparations, not elsewhere specified	4,061	**4,369**	4,288	4,091	3,748	*3,638*	3,805	3,929	4,278	4,301	4,150	4,073	4,062	83.3
Foundry and machine-shop products	45,879	45,512	44,434	43,094	42,205	*41,921*	42,770	44,888	45,726	47,711	49,404	51,077	**51,806**	80.9
Furniture	12,294	10,821	11,089	11,541	*10,036*	10,925	12,402	12,929	13,334	13,183	13,487	13,857	**13,924**	72.1
Gas, illuminating and heating	4,430	**4,986**	4,558	4,414	4,268	4,382	4,262	4,341	4,432	*4,258*	4,391	4,395	4,473	85.4
Glass	4,065	4,260	**4,291**	4,196	4,249	4,024	4,086	4,014	3,957	4,027	3,946	3,905	*3,826*	89.1
Hardware	4,914	4,706	4,723	4,670	4,665	*4,444*	4,617	4,925	5,038	5,015	5,180	5,472	**5,513**	80.6
Instruments, professional and scientific	3,621	*3,314*	3,456	3,458	3,481	3,420	3,606	3,760	3,860	3,820	3,767	3,846	3,664	85.9
Iron and steel, blast furnaces	2,129	2,571	2,382	2,172	2,006	1,806	1,840	2,075	2,276	2,304	*1,219*	2,478	2,419	47.4
Iron and steel, steel works and rolling mills	20,177	25,039	**25,795**	23,613	21,561	20,059	18,510	18,669	19,452	20,302	*18,330*	18,274	17,520	51.7
Iron and steel forgings, not made in steel works or rolling mills	2,328	**2,826**	2,745	2,618	2,551	2,269	*1,745*	1,911	2,072	2,273	2,288	2,334	2,304	61.7
Knit goods	5,095	5,017	5,017	4,986	*4,940*	5,066	5,090	5,183	5,160	5,124	5,185	**5,213**	5,159	94.8
Leather, tanned, curried, and finished	4,434	*4,144*	4,189	4,235	4,264	4,241	4,363	4,578	4,680	4,573	4,633	**4,694**	4,614	88.3
Liquors, malt	2,796	2,712	2,717	2,686	2,940	2,930	3,169	**3,243**	3,088	2,742	2,652	2,400	*2,273*	70.1
Lumber, planing-mill products, not including planing mills connected with sawmills	5,147	4,292	*4,216*	4,268	4,573	4,923	5,345	5,710	5,654	5,613	5,717	**5,786**	5,667	72.9
Machine tools	3,273	3,385	3,356	3,336	3,156	2,843	*2,713*	2,971	3,212	3,380	3,537	3,636	3,751	72.3
Millinery and lace goods, not elsewhere specified	4,830	4,781	**5,128**	4,976	5,003	4,389	*4,173*	4,619	4,889	4,703	5,079	5,126	5,094	81.4
Musical instruments, pianos	6,991	*6,417*	6,530	6,730	6,862	6,893	6,946	6,988	7,122	7,222	**7,439**	7,377	7,366	86.3
Paints	2,640	2,572	2,545	2,548	*2,482*	2,500	2,502	2,560	2,559	2,781	2,820	2,809	3,002	82.7
Petroleum, refining	2,448	*2,354*	2,377	2,477	2,424	2,380	2,416	2,488	2,439	2,374	2,524	2,589	2,534	90.9
Pickles, preserves, and sauces	2,255	1,982	*1,855*	1,924	2,055	2,233	2,163	1,858	1,990	2,900	**3,083**	2,576	2,441	60.2
Plumbers' supplies, not elsewhere specified	2,096	2,078	1,880	1,838	*1,704*	1,914	2,019	2,126	2,120	2,132	2,360	**2,493**	2,488	68.4
Printing and publishing, book and job	21,639	21,255	21,431	20,963	*20,284*	20,378	20,749	21,626	22,529	22,639	21,807	22,533	**23,474**	86.4
Printing and publishing, newspapers and periodicals	10,120	*9,963*	10,015	10,079	9,976	10,062	10,074	10,075	10,088	10,150	10,249	10,314	**10,395**	95.8
Roofing materials	2,722	2,252	*2,074*	2,332	2,497	2,478	2,820	2,967	3,002	3,041	3,072	3,004	**3,125**	66.4
Slaughtering and meat packing	54,179	**65,114**	59,864	55,397	50,427	*50,048*	51,711	52,297	52,435	52,671	52,946	53,729	53,509	76.9
Smelting and refining, zinc	4,224	**4,791**	4,548	4,311	4,141	4,100	4,068	4,180	4,292	4,328	4,277	*3,622*	4,030	75.6
Soap	2,270	2,383	2,222	*1,959*	1,970	2,144	2,236	2,374	2,451	**2,507**	2,474	2,341	2,179	78.1
Stamped and enameled ware, not elsewhere specified	2,450	*1,824*	2,356	2,312	2,312	2,427	2,505	2,306	2,580	2,569	2,668	2,744	**2,797**	65.2
Steam fittings and steam and hot-water heating apparatus	9,928	10,548	10,490	10,471	10,048	9,898	8,360	6,685	*6,623*	10,726	11,421	11,767	**12,099**	54.7
Stoves and hot-air furnaces	4,880	*3,304*	4,102	4,541	4,521	5,174	5,322	5,061	5,225	5,217	5,479	**5,484**	5,130	60.2
Structural iron work, not made in steel works or rolling mills	3,790	**4,348**	4,007	3,757	3,629	*3,457*	3,501	3,638	3,822	3,915	3,650	3,705	4,051	79.5
Tinware, not elsewhere specified	5,927	6,116	5,944	5,783	5,512	5,721	5,903	**6,649**	6,519	6,048	5,850	5,597	*5,482*	82.4
Tobacco, cigars and cigarettes	3,363	3,652	3,630	3,632	3,585	3,611	3,593	3,375	2,792	*2,676*	2,789	3,368	**3,653**	73.3
Tools, not elsewhere specified	2,998	3,153	2,864	2,821	2,797	*2,731*	2,777	2,924	3,033	3,123	3,199	3,247	**3,307**	82.6
Wire	2,775	3,198	3,129	3,072	2,947	2,883	2,960	3,102	3,309	3,129	*1,468*	1,887	2,216	44.4
All other industries	142,143	133,642	*131,932*	132,652	133,337	136,050	139,832	141,691	147,445	**153,214**	152,135	152,920	150,866	86.1
Industries showing large proportion of females.														
Bookbinding and blank-book making	1,108	1,040	*1,035*	1,066	1,090	1,125	1,055	1,092	1,164	1,149	1,145	1,164	**1,171**	88.4
Boots and shoes	3,499	3,479	3,505	3,512	*2,675*	2,775	3,329	3,605	3,686	3,768	3,843	**3,906**	3,905	68.5
Boxes, paper and other, not elsewhere specified	3,279	3,154	3,168	3,161	*3,115*	3,125	3,129	3,279	3,305	3,318	3,523	**3,569**	3,502	87.3
Bread and other bakery products	3,659	3,626	*3,375*	3,376	3,592	3,554	3,657	**3,896**	3,772	3,702	3,816	3,761	3,781	86.6
Clothing, men's	17,507	*14,753*	15,574	15,979	15,617	16,003	16,805	17,621	18,794	19,458	20,292	19,435	19,753	72.7
Clothing, women's	7,249	*6,337*	6,934	7,172	7,310	7,017	7,032	7,042	7,656	**7,882**	7,843	7,545	7,218	80.4
Confectionery and ice cream	4,277	3,850	4,232	4,148	3,892	3,638	3,520	*3,342*	4,346	4,889	**5,361**	5,314	4,792	62.3
Corsets	1,959	1,859	1,847	*1,825*	1,867	1,903	1,865	1,888	1,971	1,924	2,133	2,179	**2,247**	81.2
Electrical machinery, apparatus, and supplies	7,793	7,861	7,448	7,338	7,343	7,401	7,365	*7,295*	7,745	8,016	8,319	8,556	**8,829**	82.6

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.	
Industries showing large proportion of females—Continued.														
Food preparations, not elsewhere specified	1,318	**1,448**	1,425	1,349	1,233	*1,106*	1,200	1,233	1,376	1,408	1,358	1,315	1,305	80.5
Instruments, professional and scientific	780	713	713	*700*	705	770	806	864	855	814	811	843	766	81.0
Knit goods	3,645	3,582	3,602	*3,560*	3,568	3,646	3,651	3,719	3,679	3,656	3,687	3,723	3,667	95.6
Millinery and lace goods, not elsewhere specified	3,812	3,767	4,027	3,885	3,932	3,450	*3,231*	3,677	3,880	3,733	4,057	**4,080**	4,025	79.2
Pickles, preserves, and sauces	1,205	1,064	*986*	1,044	1,094	1,239	1,164	1,034	1,084	1,560	1,649	1,312	1,230	59.8
Printing and publishing, book and job	5,256	5,297	5,305	5,434	4,888	*4,750*	4,851	5,107	5,472	5,526	5,252	5,379	**5,811**	81.7
Printing and publishing, newspapers and periodicals	1,844	1,834	1,834	1,805	*1,802*	1,818	1,831	1,810	1,839	1,822	1,836	1,899	**1,908**	94.4
Slaughtering and meat packing	7,048	9,622	8,611	7,394	6,233	6,172	*6,105*	6,117	6,565	6,739	7,005	7,394	6,619	63.4
Soap	848	870	788	*707*	725	780	803	884	918	**991**	970	893	847	71.3
Stamped and enameled ware, not elsewhere specified	738	680	**819**	727	678	716	736	*672*	748	746	750	789	795	82.1
Tinware, not elsewhere specified	2,019	2,165	1,871	1,938	*1,828*	1,936	1,927	2,209	**2,297**	2,051	2,127	2,019	1,860	79.6
Tobacco, cigars and cigarettes	1,017	1,080	1,070	1,071	1,034	1,046	1,067	1,008	*847*	855	920	1,056	**1,150**	73.7
Total for cities	555,930	555,002	551,461	544,261	528,894	*525,519*	533,308	542,805	556,974	576,739	578,264	588,598	**589,335**	89.2
Males	442,396	443,722	440,673	434,768	422,567	*419,113*	425,834	432,455	441,602	458,159	455,582	466,248	**468,029**	89.5
Females	113,534	111,280	110,788	109,493	*106,327*	106,406	107,474	110,350	115,372	118,580	**122,682**	122,350	121,306	86.7
ALTON	3,236	3,196	3,189	3,194	3,212	3,165	*3,163*	3,179	3,287	3,333	3,315	3,282	3,317	94.9
Males	2,752	2,736	2,730	2,737	2,747	2,706	*2,702*	2,714	2,771	2,816	2,798	2,766	2,801	95.0
Females	484	460	459	*457*	465	459	461	465	516	517	517	516	516	88.4
AURORA	6,608	6,441	6,434	6,581	*6,358*	6,362	6,460	6,723	6,751	6,537	6,833	**6,969**	6,847	91.2
Males	5,455	5,277	5,293	5,420	*5,217*	5,238	5,346	5,546	5,586	5,396	5,690	**5,790**	5,661	90.1
Females	1,153	1,164	1,141	1,161	1,141	1,124	*1,114*	1,177	1,165	1,141	1,143	1,179	**1,186**	93.9
BELLEVILLE	3,160	*2,558*	2,967	3,030	3,115	3,106	3,214	3,316	3,311	3,338	3,334	3,304	3,327	76.6
Males	2,417	*1,822*	2,223	2,279	2,364	2,380	2,467	2,563	2,551	2,580	2,610	2,561	2,604	69.8
Females	743	736	744	751	751	726	747	753	760	758	724	743	*723*	95.1
BERWYN	25	22	*21*	22	24	27	29	25	25	27	27	26	25	72.4
Males	20	17	*16*	17	19	22	24	20	20	22	22	21	20	66.7
Females	5	5	5	5	5	5	5	5	5	5	5	5	5	100.0
BLOOMINGTON	2,818	*2,728*	2,738	2,775	2,794	2,738	2,781	2,871	2,854	2,856	2,876	**2,912**	2,893	93.7
Males	2,525	2,450	*2,446*	2,483	2,493	2,452	2,479	2,572	2,554	2,583	2,584	**2,602**	2,602	94.0
Females	293	278	292	292	301	286	302	299	300	*273*	292	310	291	88.1
BLUE ISLAND	1,180	*824*	*824*	968	1,178	1,302	1,311	905	926	1,388	**1,610**	1,520	1,404	51.2
Males	987	*668*	669	797	979	1,047	1,064	849	867	1,168	1,296	1,269	1,171	51.5
Females	193	156	155	171	199	255	247	*56*	59	220	314	251	233	17.8
CAIRO	1,792	1,760	1,658	1,695	*1,520*	1,720	1,814	1,810	1,937	1,822	1,739	1,986	**2,043**	74.4
Males	1,622	1,584	1,497	1,505	*1,353*	1,544	1,643	1,636	1,734	1,681	1,624	1,804	**1,859**	72.8
Females	170	176	161	190	167	176	171	174	203	141	*115*	182	184	56.7
CANTON	1,296	1,549	1,537	1,336	1,102	946	*575*	1,301	1,324	1,324	1,378	1,308	**1,372**	30.7
Males	1,075	1,326	1,304	1,108	896	752	*395*	1,085	1,098	1,089	1,139	1,067	**1,641**	24.1
Females	221	223	233	228	206	194	*180*	216	226	235	239	**241**	231	74.7
CENTRALIA	1,003	1,014	993	969	*938*	958	953	977	1,011	1,030	1,069	1,053	**1,071**	87.6
Males	795	807	790	771	*739*	753	752	774	813	818	844	833	**846**	87.4
Females	208	207	203	*198*	199	205	201	203	*198*	212	225	220	**225**	88.0
CHAMPAIGN	1,063	956	*907*	923	979	1,042	1,054	1,054	1,115	1,124	1,164	**1,226**	1,212	74.0
Males	959	849	*842*	850	897	945	950	956	1,006	1,008	1,046	1,084	1,075	77.7
Females	104	107	*65*	73	82	97	104	98	109	116	118	**142**	137	45.8
CHICAGO	403,942	405,697	399,849	395,481	385,060	*381,980*	387,200	393,444	402,439	419,325	419,774	**428,702**	428,353	89.1
Males	313,560	317,776	311,868	308,161	300,424	*297,533*	302,121	305,508	309,954	324,522	321,685	331,036	**332,132**	89.6
Females	90,382	87,921	87,981	87,320	84,636	*84,447*	85,079	87,936	92,485	94,803	98,089	97,666	96,221	86.1
CHICAGO HEIGHTS	5,328	5,557	5,353	5,230	*4,882*	4,910	5,099	5,276	5,177	5,455	5,653	**5,755**	5,589	84.8
Males	4,968	5,173	4,970	4,888	*4,591*	4,616	4,741	4,946	4,868	5,073	5,239	**5,331**	5,180	86.1
Females	360	384	383	342	*291*	294	358	330	309	382	414	**424**	409	68.6
CICERO	14,754	14,187	14,023	*14,006*	14,032	14,209	14,385	14,435	14,786	15,072	15,778	15,649	**16,486**	85.0
Males	11,704	*11,016*	11,080	11,053	11,062	11,217	11,414	11,630	11,859	11,955	12,611	12,433	**13,118**	84.0
Females	3,050	3,171	2,943	2,953	2,970	2,992	2,971	*2,805*	2,927	3,117	3,167	3,216	**3,368**	83.3
DANVILLE	3,343	**3,485**	3,470	3,457	3,436	3,294	*3,139*	3,180	3,199	3,233	3,354	3,426	3,443	90.1
Males	3,109	3,245	3,225	3,209	3,208	3,065	*2,920*	2,947	2,966	3,008	3,134	3,183	3,198	90.0
Females	234	240	245	**248**	228	229	*219*	233	233	225	220	243	245	88.3
DECATUR	5,693	5,266	5,369	5,179	*5,159*	5,166	5,443	5,687	5,848	6,038	6,326	6,369	**6,466**	79.8
Males	4,997	*4,472*	4,606	4,539	4,530	4,541	4,819	5,076	5,182	5,345	5,570	5,589	**5,695**	78.5
Females	696	**794**	763	640	629	625	624	*611*	666	693	756	780	771	77.0
EAST ST. LOUIS	8,785	**9,804**	9,705	8,205	8,006	*7,833*	8,090	8,407	8,869	9,057	9,268	9,253	8,923	79.9
Males	8,362	9,303	9,271	7,810	7,654	*7,496*	7,704	7,999	8,523	8,575	8,770	8,777	8,462	80.6
Females	423	501	434	395	352	*337*	386	408	346	482	498	476	461	67.3
ELGIN	6,846	6,663	6,714	6,712	6,782	*6,391*	6,713	6,782	6,853	6,996	7,106	7,199	**7,241**	88.3
Males	4,062	3,811	3,910	3,944	3,962	*3,777*	4,033	4,086	4,155	4,211	4,260	4,277	**4,318**	87.5
Females	2,784	2,852	2,804	2,768	2,820	*2,614*	2,680	2,696	2,698	2,785	2,846	2,922	**2,923**	89.4
EVANSTON	1,405	1,344	1,390	1,420	1,408	1,420	1,434	1,474	1,506	1,323	*1,160*	1,441	**1,540**	75.3
Males	1,233	1,199	1,241	1,267	1,252	1,265	1,279	1,314	**1,324**	1,140	*967*	1,240	1,308	73.0
Females	172	*145*	149	153	156	155	155	160	182	183	193	201	**232**	62.5
FOREST PARK	192	*114*	148	160	182	202	214	219	209	**222**	217	216	201	51.4
Males	182	*108*	141	150	171	191	203	208	198	**212**	206	206	190	50.9
Females	10	*6*	7	10	11	11	11	11	11	10	11	10	11	54.5

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.	
FREEPORT	3,177	*2,681*	2,781	2,843	2,785	3,114	3,039	3,227	3,347	3,487	3,482	3,644	**3,694**	72.6
Males	2,740	*2,349*	2,364	2,432	2,364	2,704	2,610	2,764	2,880	3,002	3,002	3,175	3,234	72.6
Females	437	*332*	417	411	421	410	429	463	467	**485**	480	469	460	68.5
GALESBURG	2,222	2,111	2,076	*1,986*	2,024	2,164	2,111	2,264	2,363	2,381	**2,531**	2,420	2,233	78.5
Males	2,007	1,895	1,851	*1,789*	1,830	1,964	1,906	2,052	2,148	2,170	**2,302**	2,184	1,993	77.7
Females	215	216	225	197	*194*	200	205	212	215	211	229	236	**240**	80.8
GRANITE CITY	5,493	5,079	**7,123**	6,894	6,100	5,624	4,904	*3,913*	4,495	5,550	6,321	5,629	4,284	54.9
Males	5,089	4,764	**6,659**	6,492	5,843	5,192	4,393	*3,507*	4,239	5,106	5,935	5,175	3,763	52.7
Females	404	315	464	402	257	432	511	406	*256*	444	386	454	**521**	49.1
HERRIN	52	*43*	*43*	48	53	55	61	63	61	56	53	45	*43*	68.3
Males	42	*33*	*33*	38	43	45	51	53	51	46	43	35	*33*	62.3
Females	10	10	10	10	10	10	10	10	10	10	10	10	10	100.0
JACKSONVILLE	1,091	1,051	1,060	*1,041*	1,061	1,076	1,143	1,127	1,122	1,064	1,063	1,133	**1,151**	90.4
Males	813	792	797	*778*	785	804	851	846	859	788	790	836	830	90.6
Females	278	*259*	263	263	276	272	292	281	263	276	273	297	**321**	80.7
JOLIET	11,259	**12,120**	11,877	11,810	11,567	11,569	11,729	11,777	12,097	11,523	*9,034*	9,608	10,397	74.5
Males	10,311	11,034	10,997	11,010	10,831	10,728	10,853	10,847	11,136	10,520	*7,960*	8,549	9,267	71.5
Females	948	1,086	880	800	*736*	841	876	930	961	1,003	1,074	1,059	**1,130**	65.1
KANKAKEE	1,959	1,901	1,903	1,914	*1,873*	1,877	1,984	1,998	1,985	2,071	**2,073**	1,996	1,933	90.4
Males	1,298	1,254	1,241	1,270	*1,228*	1,249	1,320	1,338	1,328	1,365	1,373	1,348	1,262	89.4
Females	661	647	662	644	645	*628*	664	660	657	706	700	648	671	89.0
KEWANEE	3,909	*2,871*	3,536	3,535	3,231	3,570	3,666	3,838	3,992	4,320	4,606	4,724	**5,039**	57.0
Males	3,414	*2,333*	3,027	3,027	2,775	3,109	3,194	3,358	3,505	3,870	4,083	4,246	**4,441**	52.5
Females	495	538	509	488	456	461	472	480	487	*450*	523	478	**598**	75.3
LA SALLE	1,792	1,764	1,739	1,696	1,743	1,703	1,748	1,783	1,900	1,957	**1,978**	1,853	*1,640*	82.9
Males	1,779	1,744	1,727	1,684	1,730	1,690	1,735	1,770	1,889	1,945	**1,966**	1,841	*1,627*	82.8
Females	13	20	12	12	13	13	13	13	*11*	12	12	12	13	55.0
LINCOLN	194	159	*153*	160	155	157	165	162	159	232	**308**	251	267	49.7
Males	146	128	*126*	128	128	131	138	136	133	158	**207**	168	171	60.9
Females	48	31	27	32	27	*26*	27	*26*	*26*	74	**101**	83	96	25.7
MATTOON	1,134	1,102	1,101	1,096	*1,081*	1,082	1,123	1,120	1,157	1,161	1,175	**1,207**	1,203	89.6
Males	1,074	1,055	1,054	1,049	*1,034*	1,035	1,076	1,072	1,076	1,086	1,094	**1,130**	1,127	91.5
Females	60	*47*	*47*	*47*	*47*	*47*	*47*	48	**81**	75	**81**	77	76	58.0
MAYWOOD	2,217	2,303	2,145	2,028	*1,954*	1,994	2,191	2,415	**2,457**	2,441	2,249	2,184	2,243	79.5
Males	1,769	1,800	1,816	1,658	*1,582*	1,625	1,717	1,893	**1,918**	1,916	1,751	1,735	1,817	82.5
Females	448	503	*329*	370	372	369	474	522	**539**	525	498	449	426	61.0
MOLINE	5,444	**5,838**	5,754	5,458	5,199	5,131	*4,946*	4,985	5,276	5,504	5,680	5,755	5,802	84.7
Males	5,150	**5,560**	5,446	5,181	4,916	4,854	*4,648*	4,693	4,970	5,199	5,372	5,453	5,508	83.6
Females	294	278	**308**	*277*	283	*277*	298	292	306	305	**308**	302	294	89.9
MURPHYSBORO	1,139	*1,046*	1,077	1,118	1,091	1,051	1,130	1,127	1,227	**1,232**	1,194	1,189	1,186	84.9
Males	934	*836*	888	929	905	841	930	918	1,010	**1,016**	981	976	978	82.3
Females	205	210	189	189	*186*	210	200	209	**217**	216	213	213	208	85.7
OAK PARK	383	*344*	346	361	366	390	403	398	407	**408**	395	389	389	84.3
Males	353	*314*	315	330	340	360	374	369	376	**377**	364	358	359	83.3
Females	30	30	**31**	**31**	*26*	30	29	29	**31**	**31**	**31**	**31**	30	83.9
OTTAWA	729	575	*558*	573	615	653	728	802	839	832	840	861	**872**	64.0
Males	637	522	*499*	510	543	569	644	702	730	717	726	736	**746**	66.9
Females	92	*53*	59	63	72	84	84	100	109	115	114	125	**126**	42.1
PEKIN	934	1,062	984	779	902	975	1,023	*451*	497	1,065	**1,219**	1,157	1,094	37.0
Males	896	990	920	746	849	920	959	*433*	481	1,047	**1,198**	1,136	1,073	36.1
Females	38	72	64	33	53	55	64	18	*16*	18	21	21	21	22.2
PEORIA	7,977	8,113	8,060	8,104	7,724	7,831	8,172	**8,447**	8,162	*7,643*	7,674	7,803	7,991	90.5
Males	6,591	6,651	6,658	6,722	6,476	6,450	6,870	7,118	6,818	6,273	*6,198*	6,408	6,450	87.1
Females	1,386	1,462	1,402	1,382	*1,248*	1,381	1,302	1,329	1,344	1,370	1,476	1,395	**1,541**	81.0
QUINCY	4,443	4,062	4,061	3,966	*3,672*	4,012	4,269	4,496	4,758	4,819	4,941	5,089	**5,171**	71.0
Males	3,672	3,307	3,269	3,208	*2,989*	3,294	3,556	3,762	3,970	4,041	4,130	4,227	**4,311**	69.3
Females	771	755	792	758	*683*	718	713	734	788	778	811	862	860	79.2
ROCK ISLAND	3,208	**3,689**	3,596	3,412	3,038	2,846	2,919	*2,690*	3,203	3,221	3,206	3,259	3,417	72.9
Males	2,943	**3,401**	3,324	3,163	2,828	2,630	2,658	*2,448*	2,945	2,937	2,907	2,964	3,111	72.0
Females	265	288	272	249	*210*	216	261	242	258	284	299	295	**306**	68.6
ROCKFORD	14,992	14,726	14,809	14,782	12,790	*12,516*	13,526	14,772	15,574	15,772	16,554	16,959	**17,124**	73.1
Males	12,318	12,039	12,144	12,157	10,247	*10,011*	10,998	12,071	12,832	13,122	13,743	14,133	**14,319**	69.9
Females	2,674	2,687	2,665	2,625	2,543	*2,505*	2,528	2,701	2,742	2,650	2,811	2,826	2,805	88.6
SPRINGFIELD	5,365	5,038	5,156	*5,031*	5,171	5,184	5,227	5,280	5,508	5,594	5,769	5,685	5,737	87.2
Males	3,874	*3,579*	3,676	3,665	3,715	3,753	3,813	3,868	3,968	4,019	4,086	4,105	**4,241**	84.4
Females	1,491	1,459	1,480	*1,366*	1,456	1,431	1,414	1,412	1,540	1,575	1,683	1,580	1,496	81.2
STREATOR	1,301	*1,090*	1,164	1,109	1,328	1,306	1,415	1,416	**1,494**	1,419	1,357	1,355	1,159	73.0
Males	1,153	1,005	1,077	1,020	1,229	1,195	1,277	1,275	1,296	1,216	1,150	1,142	*954*	73.6
Females	148	*85*	87	89	99	111	138	141	198	203	207	**213**	205	39.9
URBANA	509	492	497	494	453	*446*	458	511	549	550	553	550	**555**	80.4
Males	463	445	448	445	409	*402*	414	468	505	505	**507**	501	**507**	79.3
Females	46	47	49	49	44	44	44	*43*	44	45	46	**49**	48	87.8
WAUKEGAN	2,538	2,577	2,573	2,700	2,751	2,422	2,157	2,678	2,918	**2,937**	*2,028*	2,257	2,458	69.1
Males	2,146	2,253	2,195	2,349	2,390	2,018	1,793	2,265	2,510	**2,516**	*1,619*	1,818	2,026	64.3
Females	392	*324*	378	351	361	404	364	413	408	421	409	**439**	432	73.8

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	653,114	95,221	28,194	229,427	146,879	44,746	68,615	22,881	17,151
	1914	506,943	(2)	(2)	79,601	99,322	113,574	102,074	88,238	24,134
	1909	465,764	(2)	(2)	55,055	50,781	120,236	95,908	106,090	37,694
Agricultural implements	1919	22,548	.....	.....	179	17,732	3,086	1,339	212	.....
	1914	19,556	(2)	(2)	1,197	730	566	13,752	3,311	.....
Automobile bodies and parts	1919	5,298	83	22	798	2,291	902	1,126	76	.....
	1914	1,236	(2)	(2)	73	447	410	215	91	.....
Automobiles	1919	3,507	876	146	911	1,443	53	78	.....	.....
	1914	1,309	(2)	(2)	110	92	423	682	2	.....
Automobile repairing	1919	3,120	291	11	516	611	749	119	778	45
	1914	759	(2)	(2)	23	39	328	51	295	23
Bookbinding and blank-book making	1919	2,395	96	174	1,328	797	.....	.....	.....	.....
	1914	2,460	(2)	(2)	1,046	862	528	24	.....	.....
Boots and shoes	1919	7,684	573	148	3,117	2,075	821	950	.....	.....
	1914	6,071	(2)	(2)	18	195	1,175	4,503	180	.....
Boxes, paper and other, not elsewhere specified	1919	5,923	14	131	1,784	3,232	138	526	98	.....
	1914	4,586	(2)	(2)	414	843	846	2,145	159	179
Boxes, wooden packing, except cigar boxes	1919	4,524	1,239	255	192	418	347	1,657	416	.....
	1914	4,438	(2)	(2)	105	126	324	3,297	586	.....
Brass, bronze, and copper products	1919	3,174	228	32	1,301	849	373	302	89	.....
	1914	1,502	(2)	(2)	80	169	819	323	111	.....
Bread and other bakery products	1919	12,418	347	3,357	4,480	1,015	2,287	163	610	159
	1914	10,404	(2)	(2)	964	2,046	4,678	480	2,064	172
Brick and tile, terra-cotta, and fire-clay products	1919	5,627	34	30	2,274	621	1,240	95	1,332	1
	1914	7,151	(2)	(2)	2,076	692	1,464	613	1,956	350
Carriages and wagons, including repairs	1919	2,303	13	.....	122	1,481	112	524	51	.....
	1914	4,275	(2)	(2)	434	198	877	2,342	424	.....
Cars and general shop construction and repairs by electric-railroad companies.	1919	3,151	577	.....	1,629	68	626	44	27	180
	1914	1,813	(2)	(2)	3	4	1,400	19	247	140
Cars and general shop construction and repairs by steam-railroad companies.	1919	40,219	67	10,404	22,748	2,093	1,259	3,560	88	.....
	1914	28,682	(2)	(2)	5,863	6,491	11,236	104	1,551	3,437
Cars, steam-railroad, not including operations of railroad companies.	1919	13,775	14	.....	2,134	7,083	.....	4,544	.....	.....
	1914	18,000	.....	.....	.....	1,009	12,949	1,115	2,927	.....
Chemicals	1919	3,004	1	.....	1,942	65	497	58	375	66
	1914	1,682	(2)	(2)	23	10	62	15	351	1,221
Clothing, men's	1919	32,896	30,009	87	1,918	693	119	70	.....	.....
	1914	34,152	(2)	(2)	7,318	19,117	4,814	2,674	228	1
Clothing, women's	1919	10,278	7,738	958	1,078	491	13	.....	.....	.....
	1914	8,113	(2)	(2)	671	4,363	2,213	815	51	.....
Confectionery and ice cream	1919	8,779	5,992	78	714	387	473	412	356	367
	1914	5,829	(2)	(2)	274	727	1,509	1,730	1,242	347
Copper, tin, and sheet-iron work	1919	2,232	776	8	407	445	367	119	107	3
	1914	2,490	(2)	(2)	1,363	259	390	274	204	.....
Corsets	1919	2,273	280	395	1,106	492	.....	.....	.....	.....
	1914	1,974	(2)	(2)	227	494	408	845	.....	.....
Electrical machinery, apparatus, and supplies	1919	27,290	1,227	309	17,856	5,639	1,775	474	10	.....
	1914	16,483	(2)	(2)	352	14,680	750	687	14	.....
Engines, steam, gas, and water	1919	8,645	.....	.....	2,870	3,323	1,372	918	159	3
	1914	1,860	.....	.....	.....	70	515	1,190	85	.....
Flour-mill and gristmill products	1919	2,740	144	.....	710	168	326	119	1,111	162
	1914	2,398	(2)	(2)	97	4	111	82	1,294	810
Food preparations, not elsewhere specified	1919	4,061	176	14	1,589	477	330	172	1,277	26
	1914	1,790	(2)	(2)	100	240	209	293	874	74
Foundry and machine-shop products [3]	1919	49,450	5,807	1,096	9,313	13,077	7,846	9,880	2,427	4
	1914	37,130	(2)	(2)	2,896	5,976	13,496	9,184	5,574	4
Furniture	1919	12,294	965	54	691	6,800	1,944	1,274	566	.....
	1914	13,350	(2)	(2)	915	1,727	4,326	2,625	3,757	.....
Gas, illuminating and heating	1919	4,430	4	.....	619	6	75	3,032	252	442
	1914	3,890	(2)	(2)	15	.....	100	2,801	125	849
Glass	1919	4,065	1,828	277	1,513	7	440	.....	.....	.....
	1914	3,764	(2)	(2)	180	1,203	663	1,398	320	.....
Hardware	1919	4,914	188	8	1,196	1,272	308	1,516	426	.....
	1914	4,035	(2)	(2)	123	744	967	999	1,202	.....
Instruments, professional and scientific	1919	3,621	2,626	75	574	300	46	.....	.....	.....
	1914	1,104	(2)	(2)	13	322	691	78	.....	.....
Iron and steel, blast furnaces	1919	2,129	272	.....	263	.....	.....	.....	.....	1,594
	1914	1,450	.....	.....	.....	.....	.....	.....	682	768
Iron and steel, steel works and rolling mills	1919	20,177	501	404	5,359	578	478	2,730	798	9,329
	1914	15,408	(2)	(2)	1,469	2,003	639	94	2,656	8,547

[1] Includes 48 and under for 1914 and 1909.
[2] Corresponding figures not available.
[3] Includes "iron and steel, tempering and welding"; "machine tools"; and "steel barrels, drums, and tanks."

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.
Iron and steel forgings, not made in steel works or rolling mills	1919	2,328	7	210	46	536	610	828	.....	91
	1914	750	(2)	(2)	95	51	311	240	53	.....
Knit goods	1919	5,095	509	657	989	2,066	2	872	.....	.....
	1914	3,535	(2)	(2)	266	525	511	1,786	447	.....
Leather, tanned, curried, and finished	1919	4,434	.....	.....	1	3,287	246	82	187	631
	1914	2,678	.....	.....	.....	102	78	2,138	360	.....
Liquors, malt	1919	2,796	400	113	2,119	39	76	17	32	.....
	1914	5,749	(2)	(2)	5,066	193	354	114	22	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	5,147	2,066	39	385	1,113	702	619	223	.....
	1914	7,734	(2)	(2)	677	2,527	2,464	861	1,186	19
Millinery and lace goods, not elsewhere specified	1919	4,830	1,386	1,134	1,029	867	305	47	.....	62
	1914	3,323	(2)	(2)	641	1,118	609	716	239	.....
Musical instruments, pianos	1919	6,991	1,567	.....	334	4,190	539	361	.....	.....
	1914	6,682	(2)	(2)	234	1,051	3,405	1,554	438	.....
Paints	1919	2,640	45	.....	353	859	177	1,131	75	.....
	1914	1,670	(2)	(2)	12	185	329	949	160	35
Petroleum, refining	1919	2,448	.....	.....	312	1,568	.....	541	15	12
	1914	1,072	.....	.....	.....	.....	249	.....	302	521
Pickles, preserves, and sauces	1919	2,255	60	123	277	1,415	45	148	187	.....
	1914	1,192	(2)	(2)	6	57	175	837	112	5
Plumbers' supplies, not elsewhere specified	1919	2,096	888	.....	284	154	698	72	.....	.....
	1914	3,422	(2)	(2)	16	43	2,989	95	279	.....
Printing and publishing, book and job	1919	21,639	982	112	16,932	3,377	138	27	8	63
	1914	18,892	(2)	(2)	14,166	3,396	1,277	45	8	.....
Printing and publishing, newspapers and periodicals	1919	10,120	1,299	117	7,004	1,179	341	98	81	1
	1914	9,021	(2)	(2)	7,280	427	879	243	192	.....
Roofing materials	1919	2,722	49	.....	1,406	3	37	928	299	.....
	1914	862	(2)	(2)	10	3	88	451	310	.....
Slaughtering and meat packing	1919	54,179	1,222	76	49,017	3,504	245	22	93	.....
	1914	31,315	(2)	(2)	1,007	442	1,096	2,700	26,027	43
Smelting and refining, zinc	1919	4,224	.....	.....	1,254	.....	.....	2,970	.....	.....
	1914	3,573	(2)	(2)	70	.....	.....	1,054	1,890	559
Soap	1919	2,270	134	31	877	231	161	757	79	.....
	1914	2,144	(2)	(2)	5	194	24	1,300	621	.....
Stamped and enameled ware, not elsewhere specified	1919	2,450	.....	438	994	827	.....	191	.....	.....
	1914	1,572	(2)	(2)	160	224	82	1,039	67	.....
Steam fittings and steam and hot-water heating apparatus	1919	9,928	32	5	9,414	163	281	29	4	.....
	1914	2,579	(2)	(2)	32	200	222	1,695	430	.....
Stoves and hot-air furnaces	1919	4,880	735	4	2,492	89	1,093	413	54	.....
	1914	3,323	(2)	(2)	632	80	963	249	1,399	.....
Structural ironwork, not made in steel works or rolling mills	1919	3,790	179	18	220	1,500	841	985	47	.....
	1914	4,933	(2)	(2)	375	697	1,751	1,852	258	.....
Tinware, not elsewhere specified	1919	5,927	34	80	.....	4,954	419	422	18	.....
	1914	3,383	(2)	(2)	63	119	721	2,053	427	.....
Tobacco, cigars and cigarettes	1919	3,363	1,051	503	1,353	324	107	24	1	.....
	1914	6,457	(2)	(2)	4,356	587	380	1,094	36	4
Tools, not elsewhere specified	1919	2,998	431	14	362	1,177	197	767	50	.....
	1914	1,115	(2)	(2)	40	431	410	204	30	.....
Wire	1919	2,775	.....	.....	296	.....	15	216	1,388	860
	1914	2,763	(2)	(2)	655	.....	.....	1,038	816	254
All other industries	1919	141,845	19,159	6,047	38,446	37,428	9,069	20,247	8,399	3,050
	1914	108,060	(2)	(2)	15,295	20,788	24,321	22,318	19,566	5,772
Total for cities	1919	555,930	93,030	25,815	197,604	134,153	31,788	47,228	11,672	14,640
	1914	408,976	(2)	(2)	69,693	81,497	97,862	82,802	60,481	16,641
ALTON	1919	3,236	1,774	.....	289	293	641	193	42	4
	1914	2,662	(2)	(2)	135	141	184	1,521	595	86
AURORA	1919	6,608	172	21	1,674	3,674	219	768	70	10
	1914	4,777	(2)	(2)	697	1,090	1,817	395	756	22
BELLEVILLE	1919	3,160	183	319	1,255	591	775	28	9	.....
	1914	2,450	(2)	(2)	511	207	1,300	399	33	.....
BERWYN	1919	25	10	.....	3	1	6	.....	5	.....
BLOOMINGTON	1919	2,818	30	.....	2,287	138	246	47	61	9
	1914	2,384	(2)	(2)	335	31	292	180	113	1,433
BLUE ISLAND	1919	1,180	8	177	346	409	10	121	93	16
CAIRO	1919	1,792	13	85	110	39	246	827	388	84
	1914	1,522	(2)	(2)	73	20	107	748	467	107
CANTON	1919	1,296	89	31	83	989	84	.....	16	4
	1914	920	(2)	(2)	139	87	17	658	16	3

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

[2] Corresponding figures not available.

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.
CENTRALIA	1919	1,003	12	589	62	.....	320	10	6	4
	1914	237	(2)	(2)	56	.....	25	116	7	33
CHAMPAIGN	1919	1,063	.....	326	295	.....	334	16	42	50
	1914	382	(2)	(2)	88	38	51	57	80	68
CHICAGO	1919	403,942	81,265	21,655	144,866	102,549	16,522	23,305	4,284	9,496
	1914	313,710	(2)	(2)	54,334	67,035	80,985	60,110	43,683	7,563
CHICAGO HEIGHTS	1919	5,328	123	433	1,394	821	1,155	1,087	250	65
	1914	4,288	(2)	(2)	382	1,129	709	953	1,012	103
CICERO	1919	14,754	727	9	11,673	1,030	48	1,267	.....	.....
DANVILLE	1919	3,343	75	161	2,066	64	243	523	145	66
	1914	2,109	(2)	(2)	246	120	1,352	160	101	130
DECATUR	1919	5,693	84	37	1,758	845	1,476	343	1,041	109
	1914	4,003	(2)	(2)	1,550	151	1,082	614	485	121
EAST ST. LOUIS	1919	8,785	311	.....	4,170	690	676	2,046	751	141
	1914	5,863	(2)	(2)	397	307	1,550	412	2,007	1,190
ELGIN	1919	6,846	4,012	59	1,826	504	382	46	13	4
	1914	5,529	(2)	(2)	578	3,559	827	335	220	10
EVANSTON	1919	1,405	219	.....	385	36	50	699	4	12
	1914	924	(2)	(2)	106	34	111	647	18	8
FOREST PARK	1919	192	67	29	18	61	10	.....	7	.....
FREEPORT	1919	3,177	76	.....	469	1,197	415	933	61	26
	1914	2,566	(2)	(2)	668	50	424	864	551	9
GALESBURG	1919	2,222	163	110	1,185	156	256	164	79	109
	1914	1,362	(2)	(2)	208	38	725	253	108	30
GRANITE CITY	1919	5,493	19	31	4,098	209	110	999	.....	27
	1914	5,090	(2)	(2)	1,462	2,019	15	1,027	560	7
HERRIN	1919	52	.....	.....	29	.....	3	14	3	3
JACKSONVILLE	1919	1,091	5	30	749	19	156	3	100	38
	1914	932	(2)	(2)	340	24	63	412	60	33
JOLIET	1919	11,259	586	7	3,691	684	443	731	1,608	3,509
	1914	4,999	(2)	(2)	653	349	118	554	704	2,621
KANKAKEE	1919	1,959	59	68	810	145	256	519	99	3
	1914	1,430	(2)	(2)	158	120	179	765	184	24
KEWANEE	1919	3,909	12	406	3,373	39	34	32	13	.....
	1914	2,837	(2)	(2)	24	761	407	1,590	47	8
LA SALLE	1919	1,792	1	.....	107	4	66	1,562	23	29
	1914	1,214	(2)	(2)	53	4	10	.....	885	262
LINCOLN	1919	194	.....	5	47	22	42	.....	67	11
	1914	239	(2)	(2)	105	7	72	34	21	.....
MATTOON	1919	1,134	.....	235	420	17	97	232	133	.....
	1914	735	(2)	(2)	37	.....	551	11	93	43
MAYWOOD	1919	2,217	533	.....	33	1,615	6	27	3	.....
MOLINE	1919	5,444	635	38	66	3,514	353	670	135	33
	1914	5,053	(2)	(2)	1,482	237	621	2,032	678	3
MURPHYSBORO	1919	1,139	.....	.....	489	402	163	14	67	4
OAK PARK	1919	383	116	.....	137	68	2	52	6	2
	1914	268	(2)	(2)	56	104	35	65	8	.....
OTTAWA	1919	729	69	.....	147	15	73	89	336	.....
PEKIN	1919	934	.....	.....	554	.....	57	131	130	62
	1914	634	(2)	(2)	78	1	88	2	454	11
PEORIA	1919	7,977	57 6	440	2,319	950	2,436	739	343	174
	1914	6,285	(2)	(2)	1,647	346	842	1,191	1,775	484
QUINCY	1919	4,443	127	7	765	385	1,620	1,062	351	126
	1914	3,067	(2)	(2)	604	169	1,004	167	894	229
ROCK ISLAND	1919	3,208	125	224	410	1,511	248	641	19	30
	1914	1,837	(2)	(2)	391	39	559	797	34	17
ROCKFORD	1919	14,992	452	9	978	6,718	337	5,762	616	120
	1914	10,472	(2)	(2)	879	947	986	4,503	2,963	194
SPRINGFIELD	1919	5,365	240	76	843	2,857	860	237	150	102
	1914	4,157	(2)	(2)	934	1,322	297	933	538	133
STREATOR	1919	1,301	3	71	957	158	94	.....	10	8
	1914	1,763	(2)	(2)	252	978	325	100	75	33
URBANA	1919	509	38	3	255	9	41	99	26	38
WAUKEGAN	1919	2,538	21	124	113	734	177	1,190	67	112
	1914	2,276	(2)	(2)	35	33	132	197	256	1,623

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

[2] Corresponding figures not available.

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	18,593	653,114	2,845	8,277	18,770	3,574	40,614	1,808	59,187	921	66,033	718	110,471	236	81,846	144	98,326	70	177,867
Agricultural implements	68	22,548	5	13	39	7	66	4	141	11	768	12	1,896	5	1,780	7	5,910	4	11,948
Automobile bodies and parts	204	5,298	16	72	178	59	692	31	1,017	16	1,070	8	1,248	.....	.....	2	1,093	.....	.....
Automobiles	25	3,507	1	1	5	4	59	4	164	7	506	3	367	2	622	3	1,784	.....	.....
Automobile repairing	785	3,120	51	611	1,287	107	998	11	297	2	122	3	416	.....	.....	.....	.....	.....	.....
Bookbinding and blank-book making	113	2,395	10	35	82	45	479	14	446	4	266	3	457	2	665	.....	.....	.....	.....
Boots and shoes	51	7,684	1	8	21	8	96	4	155	7	537	10	1,666	10	3,335	3	1,874	.....	.....
Boxes, paper and other, not elsewhere specified	87	5,923	.....	8	25	23	302	30	1,039	12	880	7	1,094	7	2,583	.....	.....	.....	.....
Boxes, wooden packing, except cigar boxes	63	4,524	2	16	42	13	127	11	365	8	599	8	1,200	3	1,021	2	1,170	.....	.....
Brass, bronze, and copper products	90	3,174	4	13	38	37	461	21	670	5	371	9	1,322	1	312	.....	.....	.....	.....
Bread and other bakery products	2,345	12,418	361	1,693	3,821	241	2,180	25	750	7	485	13	1,928	2	910	2	1,153	1	1,191
Brick and tile, terra-cotta, and fire-clay products	144	5,627	3	40	107	27	265	35	1,154	26	1,810	11	1,634	2	657	.....	.....	.....	.....
Carriages and wagons, including repairs	99	2,303	21	54	105	11	112	4	152	2	165	4	459	2	621	1	689	.....	.....
Cars and general shop construction and repairs by electric-railroad companies	49	3,151	.....	18	52	9	114	13	382	3	251	5	790	.....	.....	.....	.....	1	1,562
Cars and general shop construction and repairs by steam-railroad companies	133	40,219	.....	5	17	17	233	19	657	23	1,756	30	4,960	19	7,376	10	6,688	10	18,532
Cars, steam-railroad, not including operations of railroad companies	19	13,775	.....	.....	.....	2	26	2	74	3	206	4	821	1	413	1	571	6	11,664
Chemicals	33	3,004	.....	8	19	8	97	7	196	6	386	2	234	1	477	.....	.....	1	1,595
Clothing, men's	592	32,896	12	88	234	166	2,153	133	4,390	56	4,024	25	3,754	13	4,063	6	3,905	3	10,373
Clothing, women's	398	10,278	11	85	251	158	1,868	90	2,827	34	2,355	20	2,977	.....	.....	.....	.....	.....	.....
Confectionery and ice cream	462	8,779	76	230	472	81	900	42	1,379	17	1,271	12	2,009	1	351	2	1,310	1	1,087
Copper, tin, and sheet-iron work	391	2,232	59	254	521	58	651	13	493	6	401	1	166	.....	.....	.....	.....	.....	.....
Corsets	22	2,273	.....	3	3	4	47	5	167	2	134	5	756	2	618	1	548	.....	.....
Electrical machinery, apparatus, and supplies	161	27,290	4	33	96	46	568	23	888	21	1,544	18	2,802	7	2,367	4	2,731	5	16,294
Engines, steam, gas, and water	25	8,645	.....	3	9	4	47	4	154	4	233	4	617	.....	.....	2	1,524	4	6,061
Flour-mill and gristmill products	322	2,740	101	123	283	64	724	22	652	7	483	5	598	.....	.....	.....	.....	.....	.....
Food preparations, not elsewhere specified	134	4,061	12	48	123	36	432	18	597	13	895	4	559	2	848	1	607	.....	.....
Foundry and machine-shop products	870	45,879	45	241	628	228	2,764	152	4,985	98	7,232	72	11,729	16	5,444	16	10,834	2	2,263
Furniture	286	12,294	18	72	179	62	756	58	1,955	40	2,865	31	4,567	3	862	2	1,110	.....	.....
Gas, illuminating and heating	70	4,430	2	25	75	18	215	16	515	2	155	6	720	.....	.....	.....	.....	1	2,750
Glass	14	4,065	.....	2	5	2	22	1	31	1	66	3	480	3	1,102	1	599	1	1,760
Hardware	84	4,914	3	24	64	20	275	15	541	8	547	9	1,376	3	876	2	1,235	.....	.....
Instruments, professional and scientific	33	3,621	4	7	22	8	71	6	186	4	310	3	498	.....	.....	.....	.....	1	2,534
Iron and steel, blast furnaces	5	2,129	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	876	2	1,253	.....	.....
Iron and steel, steel works and rolling mills	32	20,177	.....	.....	.....	1	14	1	36	3	272	9	1,641	8	3,085	5	3,439	5	11,690
Iron and steel forgings, not made in steel works or rolling mills	24	2,328	.....	2	4	5	66	7	269	3	232	4	596	2	644	1	517	.....	.....
Knit goods	58	5,095	7	12	25	9	100	6	234	7	516	10	1,378	6	2,245	1	597	.....	.....
Leather, tanned, curried, and finished	29	4,434	1	2	5	3	37	5	134	6	421	6	945	3	1,117	3	1,775	.....	.....
Liquors, malt	61	2,796	.....	5	19	16	196	25	824	9	699	5	773	1	285	.....	.....	.....	.....
Lumber, planing-mill products, not including planing mills connected with sawmills	269	5,147	21	96	203	81	945	40	1,250	23	1,555	7	864	1	330	.....	.....	.....	.....
Machine tools	28	3,273	1	6	25	5	57	4	134	5	381	3	431	2	768	2	1,477	.....	.....
Millinery and lace goods, not elsewhere specified	121	4,830	1	30	93	48	616	23	755	7	441	7	995	4	1,391	1	539	.....	.....
Musical instruments, pianos	33	6,991	1	.....	.....	2	20	5	182	4	335	13	1,896	4	1,408	3	1,917	1	1,233
Paints	50	2,640	1	18	42	8	83	6	223	11	788	5	652	.....	.....	1	852	.....	.....
Petroleum, refining	13	2,448	.....	1	5	4	56	.....	.....	3	237	2	302	1	280	2	1,568	.....	.....
Pickles, preserves, and sauces	68	2,255	7	29	70	12	158	7	232	6	442	5	682	2	671	.....	.....	.....	.....
Plumbers' supplies, not elsewhere specified	18	2,096	1	2	6	3	27	6	190	2	158	2	244	.....	.....	2	1,471	.....	.....
Printing and publishing, book and job	1,240	21,639	333	498	1,167	226	2,557	109	3,552	31	2,258	30	4,727	8	2,485	3	2,165	2	2,728
Printing and publishing, newspapers and periodicals	1,204	10,120	453	554	1,242	121	1,285	46	1,480	15	1,063	8	1,357	4	1,311	3	2,382	.....	.....
Roofing materials	25	2,722	.....	5	12	3	40	5	194	4	302	4	734	3	924	1	516	.....	.....
Slaughtering and meat packing	72	54,179	1	7	18	12	171	11	384	15	1,043	6	1,081	9	3,255	2	1,676	9	46,551
Smelting and refining, zinc	7	4,224	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	195	3	1,317	3	2,712	.....	.....
Soap	29	2,270	.....	12	28	7	71	4	111	2	162	2	300	.....	.....	2	1,598	.....	.....
Stamped and enameled ware, not elsewhere specified	22	2,450	.....	2	5	6	69	6	218	3	216	3	576	1	438	1	928	.....	.....
Steam fittings and steam and hot-water heating apparatus	28	9,928	.....	5	17	10	135	8	262	1	58	2	412	.....	.....	.....	.....	2	9,044
Stoves and hot-air furnaces	56	4,880	1	12	42	7	87	9	279	12	896	11	1,648	2	543	2	1,385	.....	.....
Structural ironwork, not made in steel works or rolling mills	115	3,790	5	26	76	44	573	21	764	9	613	10	1,764	.....	.....	.....	.....	.....	.....
Tinware, not elsewhere specified	28	5,927	1	4	14	3	39	6	174	3	248	3	396	2	542	4	2,370	2	2,144
Tobacco, cigars and cigarettes	1,182	3,363	530	520	996	109	1,056	13	345	5	293	5	673	.....	.....	.....	.....	.....	.....
Tools, not elsewhere specified	114	2,998	9	48	125	31	347	13	459	7	522	4	541	1	364	1	640	.....	.....
Wire	10	2,775	.....	.....	.....	1	15	.....	.....	2	166	2	292	4	1,537	1	765	.....	.....
All other industries	5,570	142,143	649	2,548	5,728	1,224	13,994	589	19,083	268	19,023	199	30,276	55	18,727	30	20,449	8	14,863

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

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.
Total for cities	14,066	555,930	1,998	5,662	13,579	3,087	35,399	1,589	52,157	759	54,350	599	92,560	187	64,903	127	85,668	58	157,314
ALTON	60	3,236	5	28	79	11	115	6	141	4	337	5	804					1	1,760
AURORA	133	6,608	17	47	109	35	383	15	494	5	336	8	1,305	3	844	2	1,387	1	1,750
BELLEVILLE	141	3,160	23	66	143	24	233	10	319	8	656	7	1,004	3	805				
BERWYN	15	25	5	9	15	1	10												
BLOOMINGTON	83	2,818	12	43	93	15	167	7	227	4	285	1	212					1	1,834
BLUE ISLAND	34	1,180	6	13	32	4	43	3	85	5	335	2	297	1	388				
CAIRO	55	1,792	1	18	46	22	243	7	252	4	290	2	408			1	553		
CANTON	33	1,296	2	16	40	7	68	5	147	2	137					1	901		
CENTRALIA	30	1,003	5	16	45	6	55					2	313			1	590		
CHAMPAIGN	80	1,063	10	41	88	21	233	3	101	4	346			1	295				
CHICAGO	10,537	403,942	1,576	4,131	10,065	2,362	27,201	1,226	40,001	549	38,990	434	66,366	131	45,562	87	57,543	41	118,214
CHICAGO HEIGHTS	103	5,328	11	36	59	16	173	24	1,131			12	2,167	3	1,261	1	537		
CICERO	92	14,754	11	39	58	19	239	9	268	5	370	6	925			2	1,572	1	11,322
DANVILLE	112	3,343	21	41	81	29	327	8	267	8	613	3	483	1	365			1	1,207
DECATUR	103	5,693	10	36	87	20	245	15	556	12	891	7	1,054			2	1,495	1	1,365
EAST ST. LOUIS	157	8,785	20	59	138	21	267	21	775	15	1,139	13	1,921	5	1,636	2	1,314	1	1,595
ELGIN	80	6,846	7	27	63	20	235	9	306	9	597	5	749	1	296	1	829	1	3,771
EVANSTON	101	1,405	20	55	107	16	160	5	143	3	212	1	113			1	670		
FOREST PARK	28	192	6	12	25	8	77	1	29	1	61								
FREEPORT	76	3,177	6	36	73	16	201	7	206	6	390	1	237	2	714	2	1,356		
GALESBURG	77	2,222	5	37	77	17	188	6	186	9	666	2	288			1	817		
GRANITE CITY	37	5,493	8	12	31	5	58	4	115	1	72	1	174	1	258	4	3,142	1	1,643
HERRIN	12	52	2	6	15	4	37												
JACKSONVILLE	59	1,091	10	28	64	13	153	1	31	3	198	4	645						
JOLIET	166	11,259	24	68	165	27	331	15	517	10	727	11	1,968	8	2,872	1	513	2	4,166
KANKAKEE	54	1,959	2	29	76	11	108	5	192	2	148	3	423	1	437	1	575		
KEWANEE	37	3,909	4	21	47	3	40	5	132	1	53			1	406	1	733	1	2,498
LA SALLE	38	1,792	6	20	41	5	45	3	81	1	69	1	241	1	367	1	948		
LINCOLN	33	194	4	17	35	11	120	1	39										
MATTOON	65	1,134	2	43	69	13	140	3	99			4	826						
MAYWOOD	27	2,217	2	18	30	2	27	2	51							2	1,035	1	1,074
MOLINE	61	5,444	3	17	40	15	163	6	178	7	500	8	1,193	2	798	2	1,545	1	1,027
MURPHYSBORO	28	1,139	3	13	32	5	54	4	120			1	110	2	823				
OAK PARK	44	383	14	18	33	6	69	4	113	1	58	1	110						
OTTAWA	62	729	3	37	79	12	118	6	188	3	210	1	134						
PEKIN	37	934	3	19	40	8	83	4	175	1	78	1	103	1	455				
PEORIA	253	7,977	33	95	263	64	782	28	953	16	1,197	13	2,220	3	823			1	1,739
QUINCY	183	4,443	19	81	206	39	445	22	741	11	767	7	1,003	4	1,281				
ROCK ISLAND	83	3,208	9	33	82	21	231	11	385	4	335	2	433	1	330	2	1,412		
ROCKFORD	312	14,992	26	119	317	55	653	46	1,387	31	2,283	20	2,905	8	2,721	7	4,726		
SPRINGFIELD	181	5,365	23	78	227	44	500	18	603	10	697	4	570	2	681	1	873	1	1,214
STREATOR	69	1,301	5	40	82	15	145	4	112	3	217	1	146			1	599		
URBANA	43	509	9	20	34	10	119	2	69	1	90	1	197						
WAUKEGAN	52	2,538	5	24	48	9	115	8	242			4	513	1	485			1	1,135

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	18,593	18,388	18,026	653,114	506,943	465,764	$5,425,244,694	$2,247,322,819	$1,919,276,594	$1,936,974,248	$907,139,412	$758,349,904
Less than $5,000	3,725	6,161	6,181	1,968	6,484	7,000	9,757,963	15,231,218	15,040,868	5,979,405	9,884,858	9,864,314
$5,000 to $20,000	5,360	5,899	5,823	12,639	24,881	27,327	58,637,492	60,715,479	59,794,517	32,751,008	36,484,976	36,175,677
$20,000 to $100,000	5,104	3,833	3,773	49,521	62,952	65,907	233,014,448	176,457,380	170,400,943	124,132,828	96,275,087	91,858,229
$100,000 to $500,000	2,916	1,804	1,976	122,637	189,953	185,743	678,032,686	398,781,306	595,294,165	340,751,214	310,251,830	280,112,984
$500,000 to $1,000,000	689	355		76,662			488,266,611	253,829,149		234,198,879		
$1,000,000 and over	799	336	273	389,686	222,673	179,787	3,957,535,494	1,342,308,287	1,078,746,101	1,199,160,914	454,242,661	340,338,700
	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	20.0	33.5	34.3	0.3	1.3	1.5	0.2	0.7	0.8	0.3	1.1	1.3
$5,000 to $20,000	28.8	32.1	32.3	1.9	4.9	5.9	1.1	2.7	3.1	1.7	4.0	4.8
$20,000 to $100,000	27.5	20.8	20.9	7.6	12.4	14.2	4.3	7.9	8.9	6.4	10.6	12.1
$100,000 to $500,000	15.7	9.8	11.0	18.8	37.5	39.9	12.5	17.7	31.0	17.6	34.2	36.9
$500,000 to $1,000,000	3.7	1.9		11.7			9.0	11.3		12.1		
$1,000,000 and over	4.3	1.8	1.5	59.7	43.9	38.6	72.9	59.7	56.2	61.9	50.1	44.9

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	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
AGRICULTURAL IMPLEMENTS	68	73	100.0	100.0	22,548	19,556	100.0	100.0	$128,284,716	$65,337,663	100.0	100.0	$63,124,896	$32,460,102	100.0	100.0
Less than $5,000	9	12	13.2	16.4	9	14	(1)	0.1	25,108	32,479	(1)	(1)	12,956	16,745	(1)	0.1
$5,000 to $20,000	6	12	8.8	16.4	23	52	0.1	0.3	71,444	130,069	0.1	0.2	26,390	57,733	(1)	0.2
$20,000 to $100,000	11	12	16.2	16.4	118	216	0.5	1.1	521,573	600,011	0.4	0.9	233,810	303,100	0.4	0.9
$100,000 to $500,000	14	14	20.6	19.2	1,014	[2] 3,028	4.5	15.5	4,084,408	3,423,583	3.2	5.2	2,036,268	[2] 4,472,330	3.2	13.8
$500,000 to $1,000,000	5	8	7.4	11.0	531	.....	2.4	.....	3,367,668	5,418,377	2.6	8.3	1,840,307	.....	2.9	.....
$1,000,000 and over	23	15	33.8	20.6	20,853	16,246	92.5	83.1	120,214,515	55,733,144	93.7	85.3	58,975,165	27,610,194	93.4	85.1
AUTOMOBILES	25	25	100.0	100.0	3,507	1,309	100.0	100.0	77,018,464	7,633,420	100.0	100.0	15,986,692	2,624,810	100.0	100.0
Less than $20,000	.....	3	.....	12.0	.....	17	.....	1.3	.....	12,990	.....	0.2	.....	[3] 1,420	.....	0.1
$20,000 to $100,000	.....	10	.....	40.0	.....	110	.....	8.4	.....	416,257	.....	5.5	.....	205,017	.....	7.8
$100,000 to $500,000	[4] 11	7	44.0	28.0	[4] 349	[5] 1,182	10.0	90.3	[4] 2,333,879	1,712,609	3.0	22.4	[4] 960,269	[5] 2,421,213	6.0	92.3
$500,000 to $1,000,000	5	[6] 5	20.0	20.0	335	.....	9.6	.....	4,113,696	[6] 5,491,564	5.3	71.9	1,615,807	.....	10.1	.....
$1,000,000 and over	9	.....	36.0	.....	2,823	.....	80.5	.....	70,570,889	.....	91.6	.....	13,410,616	.....	83.9	.....
BOOTS AND SHOES	51	47	100.0	100.0	7,684	6,071	100.0	100.0	39,402,383	16,891,626	100.0	100.0	14,184,064	5,909,081	100.0	100.0
Less than $5,000	3	9	5.9	19.1	4	8	0.1	0.1	4,664	15,540	(1)	0.1	2,781	9,836	(1)	0.2
$5,000 to $20,000	7	9	13.7	19.1	25	71	0.3	1.2	82,652	99,391	0.2	0.6	41,971	56,926	0.3	1.0
$20,000 to $100,000	8	6	15.7	12.8	199	101	2.6	1.7	501,557	224,869	1.3	1.3	246,179	119,204	1.7	2.0
$100,000 to $500,000	12	15	23.5	31.9	866	[2] 2,795	11.3	46.0	3,405,642	4,536,313	8.6	26.9	1,134,313	[2] 2,557,599	8.0	43.3
$500,000 to $1,000,000	7	4	13.7	8.5	1,342	.....	17.5	.....	5,460,359	3,202,982	13.9	19.0	2,029,345	.....	14.3	.....
$1,000,000 and over	14	4	27.5	8.5	5,248	3,096	68.3	51.0	29,947,509	8,812,531	76.0	52.2	10,729,475	3,165,516	75.6	53.6
BREAD AND OTHER BAKERY PRODUCTS	2,345	2,278	100.0	100.0	12,418	10,404	100.0	100.0	102,664,190	45,250,060	100.0	100.0	41,067,027	21,611,189	100.0	100.0
Less than $5,000	238	757	10.1	33.2	69	546	0.6	5.2	721,834	2,283,939	0.7	5.0	292,238	1,119,398	0.7	5.2
$5,000 to $20,000	1,108	1,238	47.2	54.3	1,467	2,966	11.8	28.5	13,179,583	12,331,251	12.8	27.3	4,760,718	5,766,541	11.6	26.7
$20,000 to $100,000	911	243	38.8	10.7	3,998	2,106	32.2	20.2	32,925,808	8,744,059	32.1	19.3	11,180,876	3,681,081	27.2	17.0
$100,000 to $500,000	65	28	2.8	1.2	1,368	[2] 2,367	11.0	22.8	12,763,497	5,384,111	12.4	11.9	4,390,016	[2] 4,712,502	10.7	21.8
$500,000 to $1,000,000	11	7	0.5	0.3	1,152	.....	9.3	.....	8,039,514	5,108,314	7.8	11.3	3,859,720	.....	9.4	.....
$1,000,000 and over	12	5	0.5	0.2	4,364	2,419	35.1	23.3	35,033,954	11,398,386	34.1	25.2	16,583,459	6,331,667	40.4	29.3
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	133	94	100.0	100.0	40,219	28,682	100.0	100.0	103,219,253	41,496,130	100.0	100.0	63,418,426	23,177,666	100.0	100.0
Less than $20,000	7	7	5.3	7.4	32	79	0.1	0.3	76,325	103,651	0.1	0.2	57,563	66,997	0.1	0.3
$20,000 to $100,000	30	25	22.6	26.6	721	1,005	1.8	3.5	1,622,406	1,311,183	1.6	3.2	1,181,640	814,336	1.9	3.5
$100,000 to $500,000	48	37	36.1	39.4	5,090	[2] 14,120	12.7	49.2	12,430,974	9,418,313	12.0	22.7	8,409,941	[2] 11,894,687	13.3	51.3
$500,000 to $1,000,000	21	16	15.8	17.0	6,027	.....	15.0	.....	15,569,160	11,398,224	15.1	27.5	9,739,948	.....	15.4	.....
$1,000,000 and over	27	9	20.3	9.6	28,349	13,478	70.5	47.0	73,520,388	19,264,759	71.2	46.4	44,029,334	10,401,646	69.4	44.9
CARS, STEAM-RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES	19	23	100.0	100.0	13,775	18,000	100.0	100.0	125,217,722	61,315,638	100.0	100.0	42,789,988	20,886,871	100.0	100.0
$20,000 to $100,000	3	[7] 8	15.8	34.8	61	[7] 264	0.4	1.5	154,257	[7] 410,666	0.1	0.7	88,056	[7] 213,780	0.2	1.6
$100,000 to $500,000	[2] 5	[2] 6	26.3	26.1	[2] 591	[2] 1,139	4.3	6.3	[2] 1,934,874	[2] 2,132,211	1.5	3.5	[2] 1,039,775	[2] 994,744	2.4	4.8
$1,000,000 and over	11	9	57.9	39.1	13,123	16,597	95.3	92.2	123,128,591	58,772,761	98.3	95.9	41,662,157	19,678,347	97.4	94.2
CLOTHING, MEN'S	502	578	100.0	100.0	32,806	34,152	100.0	100.0	197,616,795	87,512,126	100.0	100.0	106,368,505	47,008,902	100.0	100.0
Less than $5,000	23	120	4.6	20.8	31	537	0.1	1.6	66,609	317,419	(1)	0.4	57,546	279,857	0.1	0.6
$5,000 to $20,000	85	208	16.9	36.0	644	3,281	2.0	9.6	1,065,286	2,207,486	0.5	2.5	899,496	1,966,610	0.8	4.2
$20,000 to $100,000	203	135	40.4	23.4	4,397	4,813	13.4	14.1	9,489,327	5,844,854	4.8	6.7	7,732,479	4,000,557	7.3	8.5
$100,000 to $500,000	114	80	22.7	13.8	4,905	[2] 7,473	14.9	21.9	28,088,079	18,793,121	14.2	21.5	14,180,712	[2] 15,823,230	13.3	33.7
$500,000 to $1,000,000	40	16	8.0	2.8	2,989	.....	9.1	.....	29,046,960	12,102,554	14.7	13.8	14,510,505	.....	13.6	.....
$1,000,000 and over	37	19	7.4	3.3	19,930	18,048	60.6	52.8	129,879,534	48,246,692	65.7	55.1	68,987,767	24,938,648	64.9	53.1
CLOTHING, WOMEN'S	398	241	100.0	100.0	16,278	8,113	100.0	100.0	68,044,268	20,750,550	100.0	100.0	26,908,660	9,531,354	100.0	100.0
Less than $5,000	19	23	4.8	9.5	37	64	0.4	0.8	54,340	58,880	0.1	0.3	31,572	41,164	0.1	0.4
$5,000 to $20,000	52	50	13.1	20.7	191	403	1.9	5.0	625,255	559,729	0.9	2.7	348,492	341,712	1.3	3.6
$20,000 to $100,000	150	104	37.7	43.2	1,716	2,236	16.7	27.6	7,948,068	5,030,579	11.7	24.2	3,736,823	2,482,112	13.9	26.0
$100,000 to $500,000	150	59	37.7	24.5	5,487	[5] 5,410	53.4	66.7	34,052,562	11,046,199	50.0	53.2	12,966,020	[5] 6,666,366	48.2	69.9
$500,000 to $1,000,000	20	[5] 5	5.0	2.1	1,944	.....	18.9	.....	14,002,392	[5] 4,055,163	20.6	19.5	5,261,916	.....	19.6	.....
$1,000,000 and over	7	.....	1.8	.....	903	.....	8.8	.....	11,361,651	.....	16.7	.....	4,563,837	.....	17.0	.....
COFFEE AND SPICE, ROASTING AND GRINDING	32	34	100.0	100.0	1,205	1,193	100.0	100.0	38,188,646	22,044,588	100.0	100.0	8,496,212	4,950,998	100.0	100.0
$20,000 to $100,000	[7] 7	[8] 11	21.9	32.4	[7] 38	[8] 67	3.2	5.6	[7] 450,370	[8] 624,520	1.2	2.8	[7] 104,497	[8] 170,151	1.2	3.4
$100,000 to $500,000	9	12	28.1	35.3	73	[2] 343	6.1	28.8	2,111,595	3,740,383	5.5	17.0	513,496	[2] 1,253,458	6.0	25.3
$500,000 to $1,000,000	5	4	15.6	11.8	189	.....	15.7	.....	3,523,132	2,239,930	9.2	10.2	910,945	.....	10.7	.....
$1,000,000 and over	11	7	34.4	20.6	905	783	75.1	65.6	32,103,549	15,439,755	84.1	70.0	6,967,274	3,527,389	82.0	71.2
CONDENSED MILK	35	34	100.0	100.0	1,111	1,178	100.0	100.0	30,437,845	12,757,704	100.0	100.0	5,761,026	2,265,378	100.0	100.0
$20,000 to $100,000	[7] 7	9	18.4	26.5	[7] 16	43	1.4	3.6	[7] 278,087	456,037	0.9	3.7	[7] 79,504	82,770	1.4	3.7
$100,000 to $500,000	12	14	31.6	41.2	116	[5] 1,135	10.4	96.4	2,725,890	5,245,182	9.0	41.1	397,397	[5] 2,182,608	6.9	96.3
$500,000 to $1,000,000	6	[6] 11	15.8	32.4	170	.....	15.3	.....	5,069,462	[6] 7,056,485	16.7	55.3	817,615	.....	14.2	.....
$1,000,000 and over	13	.....	34.2	.....	809	.....	72.8	.....	22,364,406	.....	73.5	.....	4,466,510	.....	77.5	.....
CONFECTIONERY AND ICE CREAM	462	332	100.0	100.0	8,779	5,829	100.0	100.0	73,096,890	27,061,002	100.0	100.0	32,001,369	12,155,865	100.0	100.0
Less than $5,000	91	77	19.7	23.2	22	78	0.3	1.3	221,141	212,390	0.3	0.8	106,368	105,568	0.3	0.9
$5,000 to $20,000	137	135	29.7	40.7	244	396	2.8	6.8	1,485,619	1,434,065	2.0	5.3	675,175	661,591	2.1	5.4
$20,000 to $100,000	143	77	31.0	23.2	971	841	11.1	14.4	6,470,655	3,414,989	8.9	12.6	2,588,099	1,384,002	8.1	11.4
$100,000 to $500,000	61	34	13.2	10.2	1,873	[2] 2,925	21.3	50.2	14,247,911	7,058,937	19.5	26.1	5,793,491	[2] 4,837,937	18.1	39.8
$500,000 to $1,000,000	16	6	3.5	1.8	1,372	.....	15.6	.....	11,116,664	4,880,033	15.2	18.0	4,235,842	.....	13.2	.....
$1,000,000 and over	14	3	3.0	0.9	4,297	1,589	48.9	27.3	39,554,900	10,060,588	54.1	37.2	18,602,394	5,166,767	58.1	42.5

[1] Less than one-tenth of 1 per cent.
[2] Includes the group "$500,000 to $1,000,000."
[3] Loss.
[4] Includes the group "$20,000 to $100,000."
[5] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[6] Includes the group "$1,000,000 and over."
[7] Includes the group "$5,000 to $20,000."
[8] 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
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES	161	142	100.0	100.0	27,290	16,483	100.0	100.0	$119,528,022	$45,667,456	100.0	100.0	$67,901,723	$26,288,292	100.0	100.0
Less than $5,000	8	23	5.0	16.2	5	25	(1)	0.2	23,438	67,946	(1)	0.1	14,335	43,428	(1)	0.2
$5,000 to $20,000	20	38	12.4	26.8	69	214	0.3	1.3	198,202	474,427	0.2	1.0	129,170	286,373	0.2	1.1
$20,000 to $100,000	45	40	28.0	28.2	522	823	1.9	5.0	2,167,316	2,267,757	1.8	5.0	1,211,674	1,283,395	1.8	4.9
$100,000 to $500,000	55	31	34.2	21.8	2,926	[2] 3,072	10.7	18.6	13,221,196	6,284,806	11.1	13.8	7,011,967	[2] 5,598,873	10.3	21.3
$500,000 to $1,000,000	14	6	8.7	4.2	2,271	.....	8.3	.....	9,675,189	4,226,287	8.1	9.3	5,476,151	.....	8.1	.....
$1,000,000 and over	19	4	11.8	2.8	21,497	12,349	78.8	74.9	94,242,681	32,346,233	78.8	70.8	54,058,426	19,076,223	79.6	72.6
ENGINES, STEAM, GAS, AND WATER	25	30	100.0	100.0	8,645	1,860	100.0	100.0	45,741,267	3,948,730	100.0	100.0	22,097,112	2,106,792	100.0	100.0
Less than $5,000	.....	8	.....	26.7	.....	19	.....	1.0	.....	31,070	.....	0.8	.....	21,437	.....	1.0
$5,000 to $20,000	[3] 3	4	12.0	13.3	[3] 9	17	0.1	0.9	[3] 24,631	55,347	0.1	1.4	[3] 10,990	26,636	(1)	1.3
$20,000 to $100,000	3	9	12.0	30.0	31	145	0.4	7.8	175,914	352,132	0.4	8.9	92,702	222,468	0.4	10.6
$100,000 to $500,000	[2] 11	[4] 9	44.0	30.0	[2] 715	[4] 1,679	8.3	90.3	[2] 3,630,246	[4] 3,510,181	7.9	88.9	[2] 1,986,780	[4] 1,836,251	9.0	87.2
$1,000,000 and over	8	.....	32.0	.....	7,890	.....	91.3	.....	41,910,476	.....	91.6	.....	20,006,640	.....	90.5	.....
FLOUR-MILL AND GRIST-MILL PRODUCTS	322	406	100.0	100.0	2,740	2,398	100.0	100.0	116,562,915	49,493,224	100.0	100.0	13,397,463	6,652,317	100.0	100.0
Less than $5,000	48	113	14.9	27.8	3	49	0.1	2.0	134,680	278,802	0.1	0.6	35,216	61,145	0.3	0.9
$5,000 to $20,000	82	104	25.5	25.6	43	132	1.6	5.5	943,549	1,117,454	0.8	2.3	190,587	232,458	1.4	3.5
$20,000 to $100,000	80	109	24.8	26.8	213	396	7.8	16.5	4,106,981	4,666,766	3.5	9.4	699,465	793,058	5.2	11.9
$100,000 to $500,000	64	61	19.9	15.0	525	[2] 1,123	19.2	46.8	14,656,208	14,289,713	12.6	28.9	1,908,020	[2] 2,571,777	14.2	38.7
$500,000 to $1,000,000	20	8	6.2	2.0	419	.....	15.3	.....	14,003,025	5,390,727	12.0	10.9	2,011,608	.....	15.0	.....
$1,000,000 and over	28	11	8.7	2.7	1,537	698	56.1	29.1	82,718,472	23,749,762	71.0	48.0	8,552,567	2,993,879	63.8	45.0
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	134	115	100.0	100.0	4,061	1,790	100.0	100.0	94,240,307	17,620,136	100.0	100.0	13,809,022	4,868,943	100.0	100.0
Less than $5,000	19	20	14.2	17.4	6	19	0.1	1.1	56,058	50,152	0.1	0.3	28,840	21,164	0.2	0.4
$5,000 to $20,000	24	28	17.9	24.3	62	85	1.5	4.7	267,324	297,402	0.3	1.7	123,855	141,886	0.9	2.9
$20,000 to $100,000	24	31	17.9	27.0	164	278	4.0	15.5	1,342,057	1,462,675	1.4	8.3	490,552	545,416	3.6	11.2
$100,000 to $500,000	34	23	25.4	20.0	633	[2] 1,310	15.6	73.2	9,428,073	5,089,857	10.0	28.9	2,463,864	[2] 3,625,000	17.8	74.5
$500,000 to $1,000,000	11	10	8.2	8.7	443	.....	10.9	.....	7,308,079	6,959,434	7.8	39.5	1,850,425	.....	13.4	.....
$1,000,000 and over	22	3	16.4	2.6	2,753	98	67.8	5.5	75,838,716	3,760,616	80.5	21.3	8,851,486	535,477	64.1	11.0
FOUNDRY AND MACHINE-SHOP PRODUCTS.[5]	920	821	100.0	100.0	49,450	37,130	100.0	100.0	252,786,130	95,368,347	100.0	100.0	148,456,505	55,841,823	100.0	100.0
Less than $5,000	102	141	11.1	17.2	61	184	0.1	0.5	272,866	397,721	0.1	0.4	189,106	288,611	0.1	0.5
$5,000 to $20,000	156	204	17.0	24.8	541	1,027	1.1	2.8	1,816,877	2,296,595	0.7	2.4	1,182,751	1,501,426	0.8	2.7
$20,000 to $100,000	287	308	31.2	37.5	3,624	5,856	7.3	15.8	14,595,284	14,371,910	5.8	15.1	9,009,031	8,516,243	6.1	15.3
$100,000 to $500,000	251	124	27.3	15.1	12,457	[2] 17,501	25.2	47.1	58,253,172	26,912,171	23.0	28.2	33,340,909	[2] 26,247,095	22.5	47.0
$500,000 to $1,000,000	61	28	6.6	3.4	7,801	.....	15.8	.....	41,966,848	19,309,945	16.6	20.2	24,934,847	.....	16.8	.....
$1,000,000 and over	63	16	6.8	1.9	24,966	12,562	50.5	33.8	135,881,083	32,080,005	53.8	33.6	79,799,861	19,288,448	53.7	34.5
FURNITURE	286	274	100.0	100.0	12,294	13,350	100.0	100.0	60,770,771	31,889,569	100.0	100.0	32,580,432	16,772,613	100.0	100.0
Less than $5,000	27	34	9.4	12.4	13	51	0.1	0.4	84,639	92,345	0.1	0.3	53,350	61,018	0.2	0.4
$5,000 to $20,000	49	61	17.1	22.3	124	345	1.0	2.6	535,519	673,884	0.9	2.1	322,892	400,853	1.0	2.4
$20,000 to $100,000	76	92	26.6	33.6	920	2,099	7.5	15.7	3,921,544	4,783,042	6.5	15.0	2,195,602	2,647,541	6.7	15.8
$100,000 to $500,000	105	78	36.7	28.5	5,658	[2] 8,997	46.0	67.4	26,491,096	17,706,087	43.6	55.5	14,233,346	[2] 11,319,669	43.7	67.5
$500,000 to $1,000,000	20	6	7.0	2.2	2,757	.....	22.4	.....	14,045,947	4,087,879	23.1	12.8	8,225,157	.....	25.2	.....
$1,000,000 and over	9	3	3.1	1.1	2,822	1,858	23.0	13.9	15,692,026	4,546,332	25.8	14.3	7,550,085	2,343,532	23.2	14.0
GAS, ILLUMINATING AND HEATING	70	75	100.0	100.0	4,430	3,890	100.0	100.0	36,930,423	28,170,560	100.0	100.0	19,038,261	20,135,071	100.0	100.0
Less than $5,000	7	13	10.0	17.3	6	11	0.1	0.3	16,324	30,080	(1)	0.1	5,391	15,468	(1)	0.1
$5,000 to $20,000	13	17	18.6	22.7	43	72	1.0	1.9	192,656	206,141	0.5	0.7	86,765	132,961	0.5	0.7
$20,000 to $100,000	26	23	37.1	30.7	297	233	6.7	6.0	1,328,336	1,109,291	3.6	3.9	631,569	692,199	3.3	3.4
$100,000 to $500,000	15	17	21.4	22.7	494	[4] 3,574	11.2	91.9	3,198,087	4,109,382	8.7	14.6	1,667,871	[4] 19,294,443	8.8	95.9
$500,000 and over	9	5	12.9	6.7	3,590	.....	81.0	.....	32,195,020	22,715,666	87.2	80.6	16,646,665	.....	87.4	.....
HARDWARE	84	80	100.0	100.0	4,914	4,035	100.0	100.0	22,442,643	10,407,290	100.0	100.0	13,767,372	6,017,361	100.0	100.0
Less than $5,000	8	14	9.5	17.5	5	12	0.1	0.3	18,351	28,968	0.1	0.3	9,249	19,772	0.1	0.3
$5,000 to $20,000	16	24	19.0	30.0	50	130	1.0	3.2	211,822	266,196	0.9	2.6	120,950	151,329	0.9	2.5
$20,000 to $100,000	25	17	29.8	21.2	369	420	7.5	10.4	1,477,836	907,484	6.6	8.7	838,838	512,522	6.1	8.5
$100,000 to $500,000	23	18	27.4	22.5	1,220	[4] 3,473	24.8	86.1	5,102,023	4,700,928	22.7	45.2	2,997,663	[4] 5,333,738	21.8	88.6
$500,000 to $1,000,000	7	[6] 7	8.3	8.8	1,227	.....	25.0	.....	4,556,819	[6] 4,503,714	20.3	43.3	2,893,430	.....	21.0	.....
$1,000,000 and over	5	.....	6.0	.....	2,043	.....	41.6	.....	11,075,792	.....	49.4	.....	6,907,242	.....	50.2	.....
IRON AND STEEL, STEEL WORKS AND ROLLING MILLS	32	25	100.0	100.0	20,177	15,408	100.0	100.0	173,344,650	64,995,121	100.0	100.0	73,025,172	25,057,057	100.0	100.0
$100,000 to $500,000	[7] 6	9	18.8	36.0	[7] 528	[2] 2,127	2.6	13.8	[7] 2,247,834	3,343,350	1.3	5.1	[7] 1,196,088	[2] 2,418,574	1.6	9.7
$500,000 to $1,000,000	5	4	15.6	16.0	756	.....	3.7	.....	4,148,407	2,570,100	2.4	4.0	1,924,259	.....	2.6	.....
$1,000,000 and over	21	12	65.6	48.0	18,893	13,281	93.6	86.2	166,948,409	59,081,671	96.3	90.9	69,904,825	22,638,483	95.7	90.3
KNIT GOODS	58	46	100.0	100.0	5,095	3,535	100.0	100.0	20,460,360	7,367,235	100.0	100.0	8,759,328	3,300,596	100.0	100.0
Less than $5,000	10	8	17.2	17.4	4	10	0.1	0.3	32,579	21,064	0.2	0.3	18,230	13,080	0.2	0.4
$5,000 to $20,000	8	12	13.8	26.1	15	108	0.3	3.1	93,589	139,117	0.5	1.9	35,191	74,309	0.4	2.3
$20,000 to $100,000	11	11	19.0	23.9	177	374	3.5	10.6	477,948	590,825	2.3	8.0	238,382	237,462	2.7	7.2
$100,000 to $500,000	19	11	32.8	23.9	1,856	[4] 3,043	36.4	86.1	4,656,344	2,619,877	22.8	35.6	1,931,258	[4] 2,975,745	22.0	90.2
$500,000 to $1,000,000	4	[6] 4	6.9	8.7	511	.....	10.0	.....	2,699,999	[6] 3,996,352	13.2	54.2	1,102,789	.....	12.6	.....
$1,000,000 and over	6	.....	10.3	.....	2,532	.....	49.7	.....	12,499,901	.....	61.1	.....	5,433,478	.....	62.0	.....
LEATHER, TANNED, CURRIED, AND FINISHED	29	28	100.0	100.0	4,434	2,678	100.0	100.0	60,323,659	17,509,256	100.0	100.0	17,671,426	3,591,824	100.0	100.0
Less than $100,000	.....	9	.....	32.1	.....	97	.....	3.6	.....	459,862	.....	2.6	.....	116,712	.....	3.2
$100,000 to $500,000	[8] 9	5	31.0	17.9	[8] 147	[2] 1,130	3.3	42.2	[8] 1,946,927	1,038,853	3.2	5.9	[8] 605,845	[2] 1,258,942	3.4	35.1
$500,000 to $1,000,000	6	9	20.7	32.1	491	.....	11.1	.....	4,932,579	5,707,159	8.2	32.6	1,512,798	.....	8.6	.....
$1,000,000 and over	14	5	48.3	17.9	3,796	1,451	85.6	54.2	53,444,153	10,303,382	88.6	58.8	15,552,783	2,216,170	88.0	61.7

[1] Less than one-tenth of 1 per cent.
[2] Includes the group "$500,000 to $1,000,000."
[3] Includes the group "Less than $5,000."
[4] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[5] Includes "iron and steel, tempering and welding"; "machine tools"; and "steel barrels, drums, and tanks."
[6] Includes the group "$1,000,000 and over."
[7] Includes the group "$20,000 to $100,000."
[8] Includes the groups "Less than $5,000" and "$20,000 to $100,000."

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
LIQUORS, MALT	61	89	100.0	100.0	2,796	5,749	100.0	100.0	$27,322,655	$39,435,995	100.0	100.0	$20,183,788	$29,029,593	100.0	100.0
$5,000 to $20,000	3	[1] 6	4.9	6.7	8	[1] 3	0.3	0.1	29,388	[1] 43,490	0.1	0.1	19,576	[1] 22,656	0.1	0.1
$20,000 to $100,000	12	21	19.7	23.6	138	146	4.9	2.5	706,208	1,208,700	2.6	3.1	436,453	795,878	2.2	2.7
$100,000 to $500,000	26	36	42.6	40.4	841	[2] 1,568	30.1	27.3	6,491,467	9,859,806	23.8	25.0	4,616,436	[2] 15,376,699	22.9	53.0
$500,000 to $1,000,000	12	17	19.7	19.1	595	.....	21.3	.....	8,375,805	11,271,778	30.7	28.6	6,777,229	.....	33.6	.....
$1,000,000 and over	8	9	13.1	10.1	1,214	4,032	43.4	70.1	11,719,787	17,052,221	42.9	43.2	8,334,094	12,834,360	41.3	44.2
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	269	333	100.0	100.0	5,147	7,734	100.0	100.0	34,588,576	26,662,534	100.0	100.0	13,909,099	11,122,958	100.0	100.0
Less than $5,000	39	52	14.5	15.6	21	51	0.4	0.7	102,951	129,996	0.3	0.5	58,970	76,838	0.4	0.7
$5,000 to $20,000	59	92	21.9	27.6	122	413	2.4	5.3	622,814	1,052,463	1.8	3.9	318,967	592,525	2.3	5.3
$20,000 to $100,000	98	123	36.4	36.9	1,065	2,060	20.7	26.6	5,183,438	6,080,610	15.0	22.8	2,463,355	2,926,494	17.7	26.3
$100,000 to $500,000	62	59	23.0	17.7	2,623	[3] 5,210	51.0	67.4	13,313,501	11,862,590	38.5	44.5	6,569,880	[3] 7,527,101	47.2	67.7
$500,000 to $1,000,000	4	[4] 7	1.5	2.1	424	.....	8.2	.....	2,441,823	[4] 7,536,875	7.1	28.3	1,191,654	.....	8.6	.....
$1,000,000 and over	7	.....	2.6	.....	892	.....	17.3	.....	12,924,049	.....	37.4	.....	3,306,273	.....	23.8	.....
MUSICAL INSTRUMENTS, PIANOS	33	43	100.0	100.0	6,991	6,682	100.0	100.0	30,848,147	16,785,649	100.0	100.0	17,893,486	9,727,497	100.0	100.0
Less than $20,000	.....	4	.....	9.3	.....	12	.....	0.2	.....	27,194	.....	0.2	.....	21,061	.....	0.2
$20,000 to $100,000	[5] 3	13	9.1	30.2	[5] 20	284	0.3	4.3	[5] 87,149	872,093	0.3	5.2	[5] 42,236	471,270	0.2	4.8
$100,000 to $500,000	10	15	30.3	34.9	763	[2] 3,913	10.9	58.6	3,204,078	4,200,338	10.4	25.0	1,797,644	[2] 5,420,122	10.0	55.7
$500,000 to $1,000,000	10	8	30.3	18.6	1,359	.....	19.4	.....	6,820,859	5,836,992	22.1	34.8	3,421,640	.....	19.1	.....
$1,000,000 and over	10	3	30.3	7.0	4,849	2,473	69.4	37.0	20,736,061	5,849,032	67.2	34.8	12,631,966	3,815,044	70.6	39.2
PAINTS	50	40	100.0	100.0	2,640	1,670	100.0	100.0	43,061,694	19,042,769	100.0	100.0	13,436,181	6,595,874	100.0	100.0
Less than $20,000	9	8	18.0	20.0	12	15	0.5	0.9	79,685	58,994	0.2	0.3	39,908	34,093	0.3	0.5
$20,000 to $100,000	8	11	16.0	27.5	20	47	0.8	2.8	425,129	497,442	1.0	2.6	154,242	200,022	1.1	3.0
$100,000 to $500,000	13	9	26.0	22.5	266	[2] 756	10.1	45.3	3,404,028	2,561,523	7.9	13.5	1,429,441	[2] 2,572,114	10.6	39.0
$500,000 to $1,000,000	8	7	16.0	17.5	436	.....	16.5	.....	6,145,136	5,639,130	14.3	29.6	2,016,707	.....	15.0	.....
$1,000,000 and over	12	5	24.0	12.5	1,906	852	72.2	51.0	33,007,716	10,285,680	76.7	54.0	9,795,883	3,789,645	72.9	57.5
PRINTING AND PUBLISHING, BOOK AND JOB	1,240	1,173	100.0	100.0	21,639	18,892	100.0	100.0	110,886,458	54,625,954	100.0	100.0	68,395,709	35,270,600	100.0	100.0
Less than $5,000	329	425	26.5	36.2	112	364	0.5	1.9	881,217	1,034,538	0.8	1.9	598,508	761,855	0.9	2.2
$5,000 to $20,000	392	401	31.6	34.2	902	1,686	4.2	8.9	4,193,048	4,116,528	3.8	7.5	2,767,721	2,986,537	4.0	8.5
$20,000 to $100,000	317	248	25.6	21.1	2,996	4,192	13.8	22.2	14,136,535	11,737,018	12.7	21.5	9,195,417	8,191,057	13.4	23.2
$100,000 to $500,000	155	85	12.5	7.2	6,407	[2] 8,993	29.6	47.6	30,789,482	18,051,127	27.8	33.0	21,212,752	[2] 17,588,235	31.0	49.9
$500,000 to $1,000,000	30	10	2.4	0.9	3,716	.....	17.2	.....	20,314,379	6,570,353	18.3	12.0	13,955,816	.....	20.4	.....
$1,000,000 and over	17	4	1.4	0.3	7,506	3,657	34.7	19.4	40,571,797	13,116,390	36.6	24.0	20,665,495	5,742,916	30.2	16.3
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	1,204	1,330	100.0	100.0	10,120	9,021	100.0	100.0	88,945,960	47,026,681	100.0	100.0	58,961,038	36,685,766	100.0	100.0
Less than $5,000	395	624	32.8	46.9	318	815	3.1	9.0	1,144,300	1,649,501	1.3	3.5	868,734	1,362,631	1.5	3.7
$5,000 to $20,000	449	411	37.3	30.9	914	1,293	9.0	14.3	4,393,074	4,092,446	4.9	8.7	3,512,085	3,427,096	6.0	9.3
$20,000 to $100,000	232	228	19.3	17.1	1,524	1,679	15.1	18.6	10,259,906	9,752,662	11.5	20.7	8,296,284	8,350,632	14.1	22.8
$100,000 to $500,000	104	53	8.6	4.0	2,334	[2] 2,536	23.1	28.1	21,457,694	9,692,974	24.1	20.6	15,988,187	[2] 10,783,626	27.1	29.4
$500,000 to $1,000,000	12	6	1.0	0.5	865	.....	8.5	.....	8,808,771	4,394,612	9.9	9.3	6,603,012	.....	11.2	.....
$1,000,000 and over	12	8	1.0	0.6	4,165	2,698	41.2	29.9	42,882,215	17,444,486	48.2	37.1	23,692,736	12,761,781	40.2	34.8
SLAUGHTERING AND MEAT PACKING	72	70	100.0	100.0	54,179	31,315	100.0	100.0	1,284,103,016	485,362,180	100.0	100.0	141,152,524	76,467,110	100.0	100.0
$5,000 to $20,000	.....	3	.....	4.3	.....	10	.....	(6)	.....	38,140	.....	(6)	.....	17,440	.....	(6)
$20,000 to $100,000	[5] 5	9	6.9	12.9	[5] 6	38	(6)	0.1	[5] 222,424	439,224	(6)	0.1	[5] 43,784	92,191	(6)	0.1
$100,000 to $500,000	17	18	23.6	25.7	299	[2] 824	0.6	2.6	5,041,237	5,010,632	0.4	1.0	1,247,872	[2] 1,737,708	0.9	2.3
$500,000 to $1,000,000	7	9	9.7	12.9	301	.....	0.6	.....	5,280,967	6,865,822	0.4	1.4	1,136,696	.....	0.8	.....
$1,000,000 and over	43	31	59.7	44.3	53,573	30,443	98.9	97.2	1,273,558,388	473,008,362	99.2	97.5	138,724,172	74,619,771	98.3	97.6
STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS	28	34	100.0	100.0	9,928	2,579	100.0	100.0	43,940,561	5,470,380	100.0	100.0	20,480,323	3,114,098	100.0	100.0
$5,000 to $20,000	.....	6	.....	17.6	.....	21	.....	0.8	.....	91,791	.....	1.7	.....	57,745	.....	1.9
$20,000 to $100,000	[7] 13	17	46.4	50.0	[7] 182	283	1.8	11.0	[7] 809,759	1,002,055	1.8	18.3	[7] 417,499	627,476	2.0	20.1
$100,000 to $500,000	10	[3] 11	35.7	32.4	280	[3] 2,275	2.8	88.2	2,089,961	[3] 4,376,534	4.8	80.0	1,152,108	[3] 2,428,877	5.6	78.0
$1,000,000 and over	5	.....	17.9	.....	9,466	.....	95.3	.....	41,040,841	.....	93.4	.....	18,910,716	.....	92.3	.....
STRUCTURAL IRONWORK, NOT MADE IN STEEL WORKS OR ROLLING MILLS	115	115	100.0	100.0	3,790	4,933	100.0	100.0	27,586,074	16,023,040	100.0	100.0	11,015,760	7,477,857	100.0	100.0
Less than $5,000	8	17	7.0	14.8	3	32	0.1	0.6	26,147	45,813	0.1	0.3	14,914	25,841	0.1	0.3
$5,000 to $20,000	9	26	7.8	22.6	20	130	0.5	2.6	104,299	331,692	0.4	2.1	56,587	174,322	0.5	2.3
$20,000 to $100,000	45	38	39.1	33.0	453	609	12.0	12.3	2,444,789	1,902,763	8.9	11.9	1,218,910	950,884	11.1	12.7
$100,000 to $500,000	37	23	32.2	20.0	1,302	[2] 3,350	34.4	67.9	8,068,763	4,964,276	29.2	31.0	3,575,038	[2] 4,889,022	32.5	65.4
$500,000 to $1,000,000	10	8	8.7	7.0	888	.....	23.4	.....	7,494,823	5,619,536	27.2	35.1	2,575,258	.....	23.4	.....
$1,000,000 and over	6	3	5.2	2.6	1,124	812	29.7	16.5	9,447,253	3,158,960	34.2	19.7	3,575,053	1,437,788	32.5	19.2

[1] Includes the group "Less than $5,000."
[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 the group "$1,000,000 and over."
[5] Includes the groups "Less than $5,000" and "$5,000 to $20,000."
[6] Less than one-tenth of 1 per cent.
[7] 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.	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.
ALTON	60	3,236	100.0	$31,036,983	100.0	$11,261,989	100.0
Less than $5,000	8	4	0.1	22,711	0.1	16,233	0.1
$5,000 to $20,000	19	67	2.1	240,894	0.8	131,671	1.2
$20,000 to $100,000	21	212	6.6	894,692	2.9	499,959	4.4
$100,000 to $500,000	3	123	3.8	655,476	2.1	296,997	2.6
$500,000 to $1,000,000	4	564	17.4	2,789,548	9.0	1,277,668	11.3
$1,000,000 and over	5	2,266	70.0	26,433,662	85.2	9,039,461	80.3
AURORA	133	6,608	100.0	30,038,961	100.0	17,355,417	100.0
Less than $5,000	19	9	0.1	47,864	0.2	30,175	0.2
$5,000 to $20,000	39	115	1.7	431,514	1.4	253,637	1.5
$20,000 to $100,000	37	398	6.0	1,648,132	5.5	749,737	4.3
$100,000 to $500,000	25	998	15.1	6,324,920	21.1	2,987,544	17.2
$500,000 to $1,000,000	5	743	11.2	3,718,061	12.4	2,237,527	12.9
$1,000,000 and over	8	4,345	65.8	17,868,470	59.5	11,096,797	63.9
BELLEVILLE	141	3,160	100.0	14,017,292	100.0	6,337,593	100.0
Less than $5,000	39	18	0.6	98,641	0.7	56,207	0.9
$5,000 to $20,000	44	124	3.9	465,190	3.3	225,856	3.6
$20,000 to $100,000	30	264	8.4	1,194,240	8.5	581,794	9.2
$100,000 to $500,000	21	1,489	47.1	6,106,991	43.6	3,055,591	48.2
$500,000 and over	7	1,265	40.0	6,152,230	43.9	2,418,145	38.2
BERWYN	15	25	100.0	155,157	100.0	76,860	100.0
Less than $5,000	6	.....	.....	12,864	8.3	6,978	9.1
$5,000 and over	9	25	100.0	142,293	91.7	69,882	90.9
BLOOMINGTON	83	2,818	100.0	11,519,580	100.0	5,952,705	100.0
Less than $5,000	20	17	0.6	64,373	0.6	33,013	0.6
$5,000 to $20,000	29	79	2.8	259,019	2.2	137,540	2.3
$20,000 to $100,000	19	187	6.6	863,321	7.5	430,846	7.2
$100,000 and over	15	2,535	90.0	10,332,867	89.7	5,351,306	89.9
BLUE ISLAND	34	1,180	100.0	7,498,870	100.0	4,650,089	100.0
Less than $5,000	6	2	0.2	15,868	0.2	9,103	0.2
$5,000 to $20,000	7	10	0.8	75,520	1.0	31,956	0.7
$20,000 to $100,000	9	120	10.2	336,820	4.5	188,421	4.1
$100,000 and over	12	1,048	88.8	7,070,662	94.3	4,420,609	95.1
CAIRO	55	1,792	100.0	10,526,159	100.0	3,215,770	100.0
Less than $20,000	16	42	2.3	151,940	1.4	80,072	2.5
$20,000 to $100,000	22	249	13.9	1,001,499	9.5	471,901	14.7
$100,000 to $500,000	9	357	19.9	2,253,324	21.4	778,687	24.2
$500,000 and over	8	1,144	63.8	7,119,396	67.6	1,885,110	58.6
CANTON	33	1,296	100.0	4,558,447	100.0	2,047,047	100.0
Less than $5,000	7	8	0.6	17,188	0.4	11,043	0.5
$5,000 to $20,000	12	79	6.1	167,928	3.7	72,838	3.6
$20,000 to $100,000	11	168	13.0	522,033	11.5	261,519	12.8
$100,000 and over	3	1,041	80.3	3,851,298	84.5	1,701,647	83.1
CENTRALIA	30	1,003	100.0	3,010,556	100.0	1,682,726	100.0
Less than $5,000	7	2	0.2	12,386	0.4	6,060	0.4
$5,000 to $20,000	9	23	2.3	106,240	3.5	63,026	3.7
$20,000 to $100,000	10	72	7.2	402,784	13.4	213,924	12.7
$100,000 and over	4	906	90.3	2,489,146	82.7	1,399,716	83.2
CHAMPAIGN	80	1,063	100.0	5,187,010	100.0	2,454,068	100.0
Less than $5,000	14	7	0.7	41,272	0.8	23,759	1.0
$5,000 to $20,000	26	53	5.0	276,505	5.3	164,094	6.7
$20,000 to $100,000	29	255	24.0	1,296,667	25.0	745,431	30.4
$100,000 to $500,000	8	361	34.0	1,776,254	34.2	725,228	29.6
$500,000 to $1,000,000	3	387	36.4	1,796,312	34.6	795,556	32.4
CHICAGO	10,537	403,942	100.0	3,657,424,471	100.0	1,278,182,243	100.0
Less than $5,000	1,583	618	0.1	4,143,626	0.1	2,590,668	0.2
$5,000 to $20,000	2,754	6,329	1.6	31,305,818	0.9	18,164,720	1.4
$20,000 to $100,000	3,326	31,765	7.9	153,951,618	4.2	86,206,001	6.7
$100,000 to $500,000	1,942	76,020	18.8	444,999,786	12.2	232,150,000	18.2
$500,000 to $1,000,000	460	48,688	12.1	325,816,724	8.9	163,476,570	12.8
$1,000,000 and over	472	240,522	59.5	2,697,206,399	73.7	775,594,284	60.7
CHICAGO HEIGHTS	103	5,328	100.0	41,788,147	100.0	18,686,656	100.0
Less than $5,000	17	7	0.1	50,174	0.1	29,393	0.2
$5,000 to $20,000	25	69	1.3	220,736	0.5	112,179	0.6
$20,000 to $100,000	22	224	4.2	1,002,222	2.4	484,554	2.6
$100,000 to $500,000	19	970	18.2	5,943,786	14.2	2,623,393	14.0
$500,000 to $1,000,000	9	886	16.6	5,934,446	14.2	3,018,803	16.2
$1,000,000 and over	11	3,172	59.5	28,636,783	68.5	12,418,334	66.5
CICERO	92	14,754	100.0	57,918,418	100.0	34,942,233	100.0
Less than $5,000	14	3	(1)	26,158	(1)	15,465	(1)
$5,000 to $20,000	26	31	0.2	309,344	0.5	135,438	0.4
$20,000 to $100,000	23	208	1.4	955,084	1.6	516,954	1.5
$100,000 to $500,000 [2]	23	1,221	8.3	6,582,868	11.4	3,544,491	10.1
$1,000,000 and over	6	13,291	90.1	50,044,964	86.4	30,729,885	87.9

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

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.
DANVILLE	112	3,343	100.0	$15,005,953	100.0	$6,296,000	100.0
Less than $5,000	26	9	0.3	61,587	0.4	35,572	0.6
$5,000 to $20,000	32	85	2.5	312,922	2.1	179,700	2.9
$20,000 to $100,000	28	288	8.6	1,369,961	9.1	513,011	8.1
$100,000 to $500,000	21	1,208	36.1	4,626,140	30.8	2,352,835	37.4
$500,000 and over	5	1,753	52.4	8,635,343	57.5	3,214,882	51.1
DECATUR	103	5,693	100.0	38,683,689	100.0	13,995,903	100.0
Less than $5,000	16	8	0.1	38,068	0.1	24,235	0.2
$5,000 to $20,000	20	52	0.9	229,112	0.6	110,651	0.8
$20,000 to $100,000	26	254	4.5	1,104,021	2.9	578,374	4.1
$100,000 to $500,000	27	1,273	22.4	7,103,091	18.4	3,573,666	25.5
$500,000 to $1,000,000	5	684	12.0	3,484,079	9.0	1,610,018	11.5
$1,000,000 and over	9	3,422	60.1	26,725,318	69.1	8,098,959	57.9
EAST ST. LOUIS	157	8,785	100.0	77,292,812	100.0	23,389,934	100.0
Less than $5,000	27	9	0.1	70,967	0.1	44,073	0.2
$5,000 to $20,000	36	89	1.0	387,072	0.5	199,052	0.9
$20,000 to $100,000	35	398	4.5	1,539,490	2.0	750,601	3.2
$100,000 to $500,000	29	1,511	17.2	8,060,000	10.4	3,447,530	14.7
$500,000 to $1,000,000	8	1,165	13.3	5,728,928	7.4	2,976,508	12.7
$1,000,000 and over	22	5,613	63.9	61,506,355	79.6	15,972,161	68.3
ELGIN	80	6,846	100.0	25,648,891	100.0	14,830,920	100.0
Less than $5,000	13	9	0.1	29,709	0.1	15,502	0.1
$5,000 to $20,000	19	52	0.8	193,642	0.8	105,723	0.7
$20,000 to $100,000	18	229	3.3	880,808	3.4	413,441	2.8
$100,000 to $500,000	20	931	13.6	4,430,065	17.3	1,906,417	12.9
$500,000 to $1,000,000	5	626	9.1	3,272,241	12.8	1,244,590	8.4
$1,000,000 and over	5	4,999	73.0	16,842,426	65.7	11,145,187	75.1
EVANSTON	101	1,405	100.0	9,791,025	100.0	4,095,360	100.0
Less than $5,000	20	6	0.4	62,851	0.6	33,554	0.8
$5,000 to $20,000	44	92	6.5	472,048	4.8	272,827	6.7
$20,000 to $100,000	27	190	13.5	1,125,346	11.5	633,278	15.5
$100,000 and over	10	1,117	79.5	8,130,780	83.0	3,155,701	77.1
FOREST PARK	28	192	100.0	1,016,236	100.0	552,690	100.0
Less than $5,000	8	2	1.0	20,801	2.0	13,911	2.5
$5,000 to $20,000	11	32	16.7	150,948	14.8	81,329	14.7
$20,000 to $100,000	6	53	27.6	280,179	27.6	165,486	29.9
$100,000 to $500,000	3	105	54.7	564,308	55.5	291,964	52.8
FREEPORT	76	3,177	100.0	18,405,204	100.0	7,542,856	100.0
Less than $5,000	15	10	0.3	40,373	0.2	29,120	0.4
$5,000 to $20,000	21	51	1.6	238,404	1.3	120,984	1.6
$20,000 to $100,000	21	389	12.2	1,140,153	6.2	592,835	7.9
$100,000 to $500,000	11	354	11.1	2,132,761	11.6	951,734	12.6
$500,000 to $1,000,000	4	336	10.6	2,983,555	16.2	968,075	12.8
$1,000,000 and over	4	2,037	64.1	11,869,958	64.5	4,880,108	64.7
GALESBURG	77	2,222	100.0	10,352,242	100.0	4,360,501	100.0
Less than $5,000	12	3	0.1	24,642	0.2	14,307	0.3
$5,000 to $20,000	25	62	2.8	256,340	2.5	131,409	3.0
$20,000 to $100,000	21	198	8.9	1,061,955	10.3	460,079	10.6
$100,000 to $500,000	13	672	30.2	2,838,669	27.4	1,295,861	29.7
$500,000 to $1,000,000	3	362	16.3	1,813,419	17.5	784,573	18.0
$1,000,000 and over	3	925	41.6	4,357,217	42.1	1,674,272	38.4
GRANITE CITY	37	5,493	100.0	43,039,044	100.0	17,279,473	100.0
Less than $5,000	9	2	(1)	22,169	0.1	9,154	0.1
$5,000 to $20,000	7	17	0.3	77,727	0.2	34,751	0.2
$20,000 to $100,000	12	163	3.0	533,267	1.2	330,702	1.9
$100,000 and over	9	5,311	96.7	42,405,881	98.5	16,904,866	97.8
HERRIN	12	52	100.0	285,225	100.0	138,575	100.0
Less than $20,000	7	15	28.8	72,205	25.3	36,592	26.4
$20,000 to $100,000	5	37	71.2	213,020	74.7	101,983	73.6
JACKSONVILLE	59	1,091	100.0	7,126,506	100.0	1,949,450	100.0
Less than $5,000	17	9	0.8	39,972	0.6	24,401	1.3
$5,000 to $20,000	17	49	4.5	158,865	2.2	96,728	5.0
$20,000 to $100,000	15	160	14.7	622,344	8.7	293,026	15.0
$100,000 to $500,000	5	273	25.0	1,070,020	15.0	365,649	18.8
$500,000 and over	5	600	55.0	5,235,305	73.5	1,169,646	60.0
JOLIET	166	11,259	100.0	82,669,536	100.0	33,667,858	100.0
Less than $5,000	35	18	0.2	92,694	0.1	60,292	0.2
$5,000 to $20,000	47	116	1.0	493,045	0.6	305,865	0.9
$20,000 to $100,000	34	432	3.8	1,749,373	2.1	988,396	2.9
$100,000 to $500,000	27	1,214	10.8	6,859,920	8.3	3,516,031	10.4
$500,000 to $1,000,000	6	848	7.5	4,257,683	5.2	1,945,495	5.8
$1,000,000 and over	17	8,631	76.7	69,216,821	83.7	26,851,779	79.8

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

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.
KANKAKEE	54	1,959	100.0	$7,287,117	100.0	$3,443,452	100.0
Less than $5,000	5	4	0.2	12,676	0.2	8,395	0.2
$5,000 to $20,000	20	59	3.0	261,962	3.6	126,541	3.7
$20,000 to $100,000	18	244	12.5	825,284	11.3	404,276	11.7
$100,000 to $500,000	8	491	25.1	2,007,746	27.6	1,339,721	38.9
$500,000 and over	3	1,161	59.3	4,179,449	57.4	1,564,519	45.4
KEWANEE	37	3,999	100.0	16,278,508	100.0	8,939,321	100.0
Less than $5,000	7	7	0.2	18,165	0.1	12,949	0.1
$5,000 to $20,000	14	27	0.7	144,971	0.9	83,362	0.9
$20,000 to $100,000	7	55	1.4	372,994	2.3	183,275	2.1
$100,000 to $500,000	6	184	4.7	1,206,353	7.4	565,886	6.3
$1,000,000 and over	3	3,636	93.0	14,536,025	89.3	8,093,849	90.5
LA SALLE	38	1,792	100.0	9,533,706	100.0	4,262,278	100.0
Less than $5,000	9	4	0.2	20,836	0.2	12,546	0.3
$5,000 to $20,000	16	42	2.3	194,353	2.0	105,705	2.5
$20,000 to $100,000	8	94	5.2	404,625	4.2	185,870	4.4
$100,000 and over	5	1,652	92.2	8,913,892	93.5	3,958,157	92.9
LINCOLN	33	194	100.0	784,734	100.0	400,972	100.0
Less than $5,000	10	17	8.8	27,680	3.5	15,679	3.9
$5,000 to $20,000	10	46	23.7	124,795	15.9	62,997	15.7
$20,000 and over	13	131	67.5	632,259	80.6	322,386	80.4
MATTOON	65	1,134	100.0	4,051,058	100.0	2,194,784	100.0
Less than $5,000	21	30	2.6	60,857	1.5	37,222	1.7
$5,000 to $20,000	21	48	4.2	200,194	4.9	125,474	5.7
$20,000 to $100,000	15	134	11.8	725,489	17.9	379,953	17.3
$100,000 to $500,000	5	446	39.3	1,219,130	30.1	785,248	35.8
$500,000 to $1,000,000	3	476	42.0	1,845,388	45.6	866,887	39.5
MAYWOOD	27	2,217	100.0	14,432,705	100.0	5,005,025	100.0
Less than $5,000	6	4	0.2	12,800	0.1	8,934	0.2
$5,000 to $20,000	10	15	0.7	88,831	0.6	45,893	0.9
$20,000 to $100,000	7	63	2.8	269,618	1.9	133,417	2.7
$100,000 and over	4	2,135	96.3	14,061,456	97.4	4,816,781	96.2
MOLINE	61	5,444	100.0	44,871,021	100.0	22,183,217	100.0
Less than $5,000	7	7	0.1	18,108	(1)	11,852	0.1
$5,000 to $20,000	13	39	0.7	148,889	0.3	90,746	0.4
$20,000 to $100,000	12	139	2.6	514,648	1.1	237,172	1.1
$100,000 to $500,000	15	688	12.6	3,329,682	7.4	1,717,485	7.7
$500,000 to $1,000,000	8	1,037	19.0	6,442,288	14.4	3,725,385	16.8
$1,000,000 and over	6	3,534	64.9	34,417,406	76.7	16,400,577	73.9
MURPHYSBORO	28	1,139	100.0	6,208,317	100.0	2,327,625	100.0
Less than $5,000	4	1	0.1	11,630	0.2	5,541	0.2
$5,000 to $20,000	7	15	1.3	75,535	1.2	37,282	1.6
$20,000 to $100,000	10	79	6.9	438,990	7.1	182,879	7.9
$100,000 to $500,000	3	184	16.2	634,883	10.2	489,878	21.0
$500,000 and over	4	860	75.5	5,047,279	81.3	1,612,045	69.3
OAK PARK	44	383	100.0	2,280,640	100.0	1,305,630	100.0
Less than $5,000	11	1	0.3	28,261	1.2	14,636	1.1
$5,000 to $20,000	17	27	7.0	165,557	7.3	97,091	7.4
$20,000 to $100,000	11	110	28.7	601,766	26.4	358,790	27.5
$100,000 and over	5	245	64.0	1,485,056	65.1	835,113	64.0
OTTAWA	62	729	100.0	3,223,647	100.0	1,648,919	100.0
Less than $5,000	17	24	3.3	49,887	1.5	33,962	2.1
$5,000 to $20,000	21	63	8.6	235,368	7.3	132,316	8.0
$20,000 to $100,000	16	203	27.8	799,570	24.8	386,150	23.4
$100,000 and over	8	439	60.2	2,138,822	66.3	1,096,491	66.5
PEKIN	37	934	100.0	$25,663,968	100.0	$9,101,284	100.0
Less than $5,000	8	4	0.4	13,203	0.1	3,037	(1)
$5,000 to $20,000	13	38	4.1	167,322	0.7	85,400	0.9
$20,000 to $100,000	9	114	12.2	410,213	1.6	175,977	1.9
$100,000 and over	7	778	83.3	25,073,230	97.7	8,836,870	97.1
PEORIA	253	7,977	100.0	57,074,893	100.0	21,155,975	100.0
Less than $5,000	42	26	0.3	101,162	0.2	59,052	0.3
$5,000 to $20,000	67	200	2.5	716,865	1.3	418,216	2.0
$20,000 to $100,000	72	782	9.8	3,436,212	6.0	1,805,359	8.5
$100,000 to $500,000	44	1,702	21.3	10,298,138	18.0	4,227,381	20.0
$500,000 to $1,000,000	16	1,899	23.8	11,445,570	20.1	4,695,821	22.2
$1,000,000 and over	12	3,368	42.2	31,076,946	54.5	9,950,146	47.0
QUINCY	183	4,443	100.0	23,498,813	100.0	11,061,171	100.0
Less than $5,000	32	22	0.5	81,459	0.3	51,855	0.5
$5,000 to $20,000	50	161	3.6	589,166	2.5	321,770	2.9
$20,000 to $100,000	55	606	13.6	2,535,289	10.8	1,311,856	11.9
$100,000 to $500,000	35	1,677	37.7	8,138,142	34.6	4,142,529	37.5
$500,000 to $1,000,000	5	498	11.2	3,022,072	12.9	1,060,799	9.6
$1,000,000 and over	6	1,479	33.3	9,132,685	38.9	4,172,362	37.7
ROCK ISLAND	83	3,208	100.0	22,350,114	100.0	8,102,467	100.0
Less than $5,000	13	5	0.2	30,788	0.1	19,570	0.2
$5,000 to $20,000	23	60	1.9	249,973	1.1	140,857	1.7
$20,000 to $100,000	22	255	7.9	1,035,384	4.6	622,928	7.7
$100,000 to $500,000	19	615	19.2	3,627,013	16.2	1,849,019	22.8
$500,000 and over	6	2,273	70.9	17,406,956	77.9	5,470,093	67.5
ROCKFORD	312	14,992	100.0	74,918,953	100.0	38,352,044	100.0
Less than $5,000	46	29	0.2	126,725	0.2	74,761	0.2
$5,000 to $20,000	71	185	1.2	818,777	1.1	471,780	1.2
$20,000 to $100,000	82	922	6.1	4,110,207	5.5	2,041,960	5.3
$100,000 to $500,000	82	4,162	27.8	20,345,722	27.2	10,490,125	27.4
$500,000 to $1,000,000	13	1,792	12.0	9,409,375	12.6	4,641,350	12.1
$1,000,000 and over	18	7,902	52.7	40,108,147	53.5	20,632,068	53.8
SPRINGFIELD	181	5,365	100.0	22,723,365	100.0	10,339,413	100.0
Less than $5,000	27	15	0.3	70,623	0.3	41,188	0.4
$5,000 to $20,000	60	195	3.6	646,880	2.8	388,577	3.8
$20,000 to $100,000	61	666	12.4	2,999,314	13.2	1,471,567	14.2
$100,000 to $500,000 [2]	27	1,567	29.2	7,013,477	30.9	3,331,210	32.2
$1,000,000 and over	6	2,922	54.5	11,993,071	52.8	5,106,871	49.4
STREATOR	69	1,301	100.0	6,662,302	100.0	3,708,915	100.0
Less than $5,000	14	13	1.0	39,293	0.6	25,862	0.7
$5,000 to $20,000	27	80	6.1	293,599	4.4	186,935	5.0
$20,000 to $100,000	20	233	17.9	914,277	13.7	503,328	13.6
$100,000 and over	8	975	74.9	5,415,133	81.3	2,992,795	80.7
URBANA	43	509	100.0	1,450,522	100.0	1,010,292	100.0
Less than $5,000	15	6	1.2	44,108	3.0	29,414	2.9
$5,000 to $20,000	13	43	8.4	143,183	9.9	109,475	10.8
$20,000 and over	15	460	90.4	1,263,231	87.1	871,403	86.3
WAUKEGAN	52	2,538	100.0	24,093,062	100.0	9,076,759	100.0
Less than $5,000	10	6	0.2	27,037	0.1	15,141	0.2
$5,000 to $20,000	16	32	1.3	167,466	0.7	96,804	1.1
$20,000 to $100,000	13	165	6.5	656,310	2.7	330,916	3.6
$100,000 to $500,000	7	372	14.7	1,630,909	6.8	716,292	7.9
$500,000 to $1,000,000	3	310	12.2	1,994,554	8.3	884,198	9.7
$1,000,000 and over	3	1,653	65.1	19,616,786	81.4	7,033,408	77.5

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

[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	8,771	6,895	2,927	653,114	36,105	589,978	27,031	5.5	90.3	4.1	$5,425,244,694	$225,940,504	$5,004,523,563	$194,780,627	4.2	92.2	3.6
	1914	9,404	5,993	2,991	506,943	40,278	437,069	29,596	7.9	86.2	5.8	2,247,322,819	127,740,861	2,021,734,391	97,847,567	5.7	90.0	4.4
	1909	9,654	5,209	3,163	465,764	46,524	374,855	44,385	10.0	80.5	9.5	1,919,276,594	134,438,296	1,646,518,916	138,319,382	7.0	85.8	7.2
Agricultural implements	1919	3	55	10	22,548	4	22,469	75	(1)	99.6	0.3	128,284,716	43,430	127,911,845	329,441	(1)	99.7	0.3
	1914	11	51	11	19,556	48	19,443	65	0.2	99.4	0.3	65,337,663	151,057	65,017,298	169,308	0.2	99.5	0.3
Automobile bodies and parts.	1919	76	101	27	5,298	584	4,502	212	11.0	85.0	4.0	27,864,978	2,918,279	24,001,784	944,915	10.5	86.1	3.4
	1914	14	35	17	1,236	65	987	184	5.3	79.9	14.9	3,384,742	154,813	2,874,870	355,059	4.6	84.9	10.5
Boots and shoes	1919	9	37	5	7,684	70	7,363	251	0.9	95.8	3.3	39,402,383	369,094	37,111,942	1,921,347	0.9	94.2	4.9
	1914	16	23	8	6,071	343	5,299	429	5.6	87.3	7.1	16,891,626	1,108,785	14,727,840	1,055,001	6.6	87.2	6.2
Boxes, paper and other, not elsewhere specified.	1919	19	58	10	5,923	399	5,380	144	6.7	90.8	2.4	28,893,083	1,485,950	26,906,826	500,307	5.1	93.1	1.7
	1914	22	51	7	4,586	395	4,084	107	8.6	89.1	2.3	9,740,786	724,692	8,837,936	178,158	7.4	90.7	1.8
Brass, bronze, and copper products.	1919	19	59	12	3,174	166	2,737	271	5.2	86.2	8.5	25,106,507	1,160,854	22,975,289	970,364	4.6	91.5	3.9
	1914	23	39	13	1,502	117	1,265	120	7.8	84.2	8.0	7,570,456	354,258	6,795,359	420,839	4.7	89.8	5.6
Bread and other bakery products.	1919	1,934	110	301	12,418	4,729	6,366	1,323	38.1	51.3	10.7	102,664,190	41,431,435	50,237,835	10,994,920	40.4	48.9	10.7
	1914	1,924	79	275	10,404	4,302	5,008	1,094	41.3	48.1	10.5	45,250,060	18,103,211	22,431,856	4,714,983	40.0	49.6	10.4
Butter	1919	44	50	35	813	73	618	122	9.0	76.0	15.0	26,376,027	2,055,706	20,348,281	3,972,040	7.8	77.1	15.1
	1914	53	88	45	492	85	305	102	17.3	62.0	20.7	8,150,539	1,366,875	5,200,656	1,583,008	16.8	63.8	19.4
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	133	.....	40,219	.....	40,219	.....	.....	100.0	.....	103,219,253	.....	103,219,253	.....	.....	100.0	.....
	1914	.....	94	.....	28,682	.....	28,682	.....	.....	100.0	.....	41,496,130	.....	41,496,130	.....	.....	100.0	.....
Cars, steam-railroad, not including operations of railroad companies.	1919	.....	19	.....	13,775	.....	13,775	.....	.....	100.0	.....	125,217,722	.....	125,217,722	.....	.....	100.0	.....
	1914	.....	23	.....	18,000	.....	18,000	.....	.....	100.0	.....	61,315,638	.....	61,315,638	.....	.....	100.0	.....
Chemicals	1919	2	28	3	3,004	[2] 28	2,976	.....	0.9	99.1	.....	22,060,803	[2] 461,694	21,599,109	.....	2.1	97.9	.....
	1914	3	23	.....	1,682	5	1,677	.....	0.3	99.7	.....	8,618,118	18,775	8,599,343	.....	0.2	99.8	.....
Clothing, men's	1919	210	153	139	32,896	3,894	23,912	5,090	11.8	72.7	15.5	197,616,795	13,140,010	158,325,934	26,150,851	6.6	80.1	13.2
	1914	322	113	143	34,152	6,428	21,072	6,652	18.8	61.7	19.5	87,512,126	8,391,801	63,628,424	15,491,901	9.6	72.7	17.7
Clothing, women's	1919	151	112	135	10,278	2,554	4,999	2,725	24.8	48.6	26.5	68,044,268	16,205,717	27,464,725	24,373,826	23.8	40.4	35.8
	1914	107	61	73	8,113	1,994	3,881	2,238	24.6	47.8	27.6	20,750,550	4,455,699	10,168,703	6,126,148	21.5	49.0	29.5
Coffee and spice, roasting and grinding.	1919	3	26	3	1,205	34	915	256	2.8	75.9	21.2	38,188,646	157,720	28,983,701	9,047,225	0.4	75.9	23.7
	1914	4	26	4	1,193	16	974	203	1.3	81.6	17.0	22,044,588	381,519	16,505,313	5,157,756	1.7	74.9	23.4
Confectionery and ice cream.	1919	219	144	99	8,779	856	7,487	436	9.8	85.3	5.0	73,096,890	6,649,262	62,749,904	3,697,724	9.1	85.8	5.1
	1914	150	106	76	5,829	757	4,575	497	13.0	78.5	8.5	27,061,002	2,932,925	21,815,472	2,312,605	10.8	80.6	8.5
Electrical machinery, apparatus, and supplies.	1919	13	134	14	27,290	47	27,167	76	0.2	99.5	0.3	119,528,022	169,894	118,802,411	555,717	0.1	99.4	0.5
	1914	27	103	12	16,483	125	16,286	72	0.8	98.8	0.4	45,667,456	265,105	45,171,971	230,380	0.6	98.9	0.5
Engines, steam, gas, and water.	1919	2	22	1	8,645	.....	8,583	[3] 62	.....	99.3	0.7	45,741,267	.....	45,572,299	[3] 168,968	.....	99.6	0.4
	1914	3	22	5	1,860	.....	1,774	[3] 86	.....	95.4	4.6	3,948,730	.....	3,799,726	[3] 149,004	.....	96.2	3.8
Flour-mill and gristmill products.	1919	130	106	86	2,740	244	2,258	238	8.9	82.4	8.7	116,562,915	5,513,169	102,149,917	8,899,829	4.7	87.6	7.6
	1914	193	97	116	2,398	420	1,660	318	17.5	69.2	13.3	49,493,224	7,281,852	37,022,238	5,189,134	14.7	74.8	10.5
Food preparations, not elsewhere specified.	1919	43	68	23	4,061	177	3,648	236	4.4	89.8	5.8	94,240,307	2,685,520	87,660,168	3,894,619	2.8	93.0	4.1
	1914	42	53	20	1,790	283	1,195	312	15.8	66.8	17.4	17,620,136	1,275,309	13,862,622	2,482,205	7.2	78.7	14.1
Foundry and machine-shop products.[4]	1919	239	564	117	49,450	2,274	44,890	2,286	4.6	90.8	4.6	252,786,130	8,734,157	234,290,929	9,761,044	3.5	92.7	3.9
	1914	214	490	117	37,130	1,641	34,148	1,341	4.4	92.0	3.6	95,368,347	3,469,967	88,578,019	3,320,361	3.6	92.9	3.5
Furniture	1919	77	166	43	12,294	551	10,979	764	4.5	89.3	6.2	60,770,771	2,420,678	53,694,370	4,655,723	4.0	88.4	7.7
	1914	70	160	44	13,350	804	11,487	1,059	6.0	86.0	7.9	31,889,569	1,741,157	27,480,200	2,668,212	5.5	86.2	8.4
Hardware	1919	13	58	13	4,914	53	4,576	285	1.1	93.1	5.8	22,442,643	286,710	20,856,676	1,299,257	1.3	92.9	5.8
	1914	20	53	7	4,035	193	3,590	252	4.8	89.0	6.2	10,407,290	337,584	9,553,457	516,249	3.2	91.8	5.0
Iron and steel, steel works and rolling mills.	1919	.....	32	.....	20,177	.....	20,177	.....	.....	100.0	.....	173,344,650	.....	173,344,650	.....	.....	100.0	.....
	1914	.....	25	.....	15,408	.....	15,408	.....	.....	100.0	.....	64,995,121	.....	64,995,121	.....	.....	100.0	.....
Knit goods	1919	19	33	6	5,095	36	4,927	132	0.7	96.7	2.6	20,460,360	227,237	19,480,780	752,343	1.1	95.2	3.7
	1914	16	27	3	3,535	152	3,345	38	4.3	94.6	1.1	7,367,235	275,156	7,007,362	84,717	3.7	95.1	1.1
Leather, tanned, curried, and finished.	1919	1	19	9	4,434	.....	3,941	[3] 493	.....	88.9	11.1	60,323,659	.....	53,013,152	[3] 7,310,507	.....	87.9	12.1
	1914	4	15	9	2,678	283	2,064	331	10.6	77.1	12.4	17,509,256	2,285,422	13,142,836	2,080,998	13.1	75.1	11.9
Liquors, malt	1919	3	57	1	2,796	.....	2,771	[2] 25	.....	99.1	0.9	27,322,655	.....	27,161,242	[2] 161,413	.....	99.4	0.6
	1914	8	75	6	5,749	85	5,576	88	1.5	97.0	1.5	39,435,995	449,304	38,302,121	684,570	1.1	97.1	1.7
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	82	145	42	5,147	383	4,474	290	7.4	86.9	5.6	34,588,576	1,677,192	30,971,606	1,939,778	4.8	89.5	5.6
	1914	109	177	47	7,734	632	6,690	412	8.2	86.5	5.3	26,662,534	1,802,659	23,554,110	1,305,765	6.8	88.3	4.9
Musical instruments, pianos.	1919	4	28	1	6,991	.....	6,904	[3] 87	.....	98.8	1.2	30,848,147	.....	30,345,000	[3] 503,147	.....	98.4	1.6
	1914	3	38	2	6,682	.....	6,635	[3] 47	.....	99.3	0.7	16,785,649	.....	16,559,616	[3] 226,033	.....	98.7	1.3
Paints	1919	5	41	4	2,640	59	2,567	14	2.2	97.2	0.5	43,061,694	838,826	41,615,825	607,043	1.9	96.6	1.4
	1914	6	32	2	1,670	.....	1,539	[3] 131	.....	92.2	7.8	19,042,769	.....	18,416,807	[3] 625,962	.....	96.7	3.3
Patent medicines and compounds.	1919	84	107	17	1,599	122	1,427	50	7.6	89.2	3.1	25,395,228	1,749,560	23,077,455	568,213	6.9	90.9	2.2
	1914	98	144	23	1,113	132	964	17	11.9	86.6	1.5	11,470,734	1,160,915	10,197,608	112,211	10.1	88.9	1.0
Printing and publishing, book and job.	1919	637	419	184	21,639	2,199	18,634	806	10.2	86.1	3.7	110,886,458	10,980,258	93,171,444	6,734,756	9.9	84.0	6.1
	1914	607	366	200	18,892	2,085	15,598	1,209	11.0	82.6	6.4	54,625,954	6,004,765	45,223,899	3,397,290	11.0	82.8	6.2

[1] Less than one-tenth of 1 per cent.
[2] Includes the group "All others."
[3] Includes the group "Individuals."
[4] Includes "iron and steel, tempering and welding"; "machine tools"; and "steel barrels, drums, and tanks."

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.
Printing and publishing, newspapers and periodicals.	1919	572	432	200	10,120	1,168	8,417	535	11.5	83.2	5.3	$88,945,960	$5,321,731	$79,295,462	$4,328,767	6.0	89.1	4.9
	1914	686	423	221	9,021	1,481	6,704	836	16.4	74.3	9.3	47,026,681	4,501,704	40,323,284	2,201,693	9.6	85.7	4.7
Slaughtering and meat packing.	1919	7	57	8	54,179	454	53,530	195	0.8	98.8	0.4	1,284,103,016	20,949,930	1,256,948,360	6,204,726	1.6	97.9	0.5
	1914	12	48	10	31,315	515	30,578	222	1.6	97.6	0.7	485,362,180	10,070,876	472,238,961	3,052,343	2.1	97.3	0.6
Soap	1919	1	24	4	2,270	.....	2,220	[1] 50	.....	97.8	2.2	25,733,832	.....	25,337,590	[1] 396,242	.....	98.5	1.5
	1914	7	18	2	2,144	.....	2,105	[1] 39	.....	98.2	1.8	21,420,035	.....	21,172,266	[1] 247,769	.....	98.8	1.2
Steam fittings and steam and hot-water heating apparatus.	1919	4	24	.....	9,928	53	9,875	.....	0.5	99.5	.....	43,940,561	205,398	43,735,163	.....	0.5	99.5	.....
	1914	4	29	1	2,579	[2] 54	2,525	.....	2.1	97.9	.....	5,470,380	[2] 147,487	5,322,893	.....	2.7	97.3	.....
Stoves and hot-air furnaces.	1919	5	49	2	4,880	.....	4,731	[1] 149	.....	96.9	3.1	22,522,771	.....	21,853,349	[1] 669,422	.....	97.0	3.0
	1914	14	41	7	3,323	303	2,574	446	9.1	77.5	13.4	8,404,439	579,626	6,321,139	1,503,674	6.9	75.2	17.9
Structural ironwork, not made in steel works or rolling mills.	1919	20	82	13	3,790	340	3,360	90	9.0	88.7	2.4	27,586,074	1,524,233	24,920,687	1,141,154	5.5	90.3	4.1
	1914	31	64	20	4,933	351	4,482	100	7.1	90.9	2.0	16,023,040	1,051,293	14,604,473	367,274	6.6	91.1	2.3
Tinware, not elsewhere specified.	1919	7	20	1	5,927	[2] 81	5,846	.....	1.4	98.6	.....	42,832,770	[2] 552,593	42,280,177	.....	1.3	98.7	.....
	1914	11	21	.....	3,383	65	3,318	.....	1.9	98.1	.....	12,937,296	200,839	12,736,457	.....	1.6	98.4	.....
Total for cities	1919	6,263	5,714	2,089	555,930	30,500	501,278	24,152	5.5	90.2	4.3	4,571,383,859	193,536,780	4,208,389,828	169,457,251	4.2	92.1	3.7
	1914	6,477	4,774	1,967	408,976	32,895	350,684	25,397	8.0	85.7	6.2	1,843,239,978	105,499,247	1,657,111,431	80,629,300	5.7	89.9	4.4
ALTON	1919	23	29	8	3,236	64	2,991	181	2.0	92.4	5.6	31,036,983	288,306	29,968,069	780,608	0.9	96.6	2.5
	1914	40	28	8	2,662	140	2,383	139	5.3	89.5	5.2	12,864,532	438,916	12,098,442	327,174	3.4	94.0	2.5
AURORA	1919	48	59	26	6,608	234	6,275	99	3.5	95.0	1.5	30,038,961	1,173,624	28,196,585	668,752	3.9	93.9	2.2
	1914	57	56	27	4,777	264	4,096	417	5.5	85.7	8.7	10,789,383	645,855	9,230,683	912,845	6.0	85.5	8.5
BELLEVILLE	1919	66	49	26	3,160	215	2,861	84	6.8	90.5	2.7	14,017,292	1,097,580	12,568,592	351,120	7.8	89.7	2.5
	1914	71	35	23	2,450	205	2,125	120	8.4	86.7	4.9	5,727,269	370,888	5,140,553	215,828	6.5	89.8	3.8
BERWYN	1919	12	2	1	25	14	[2] 11	.....	56.0	44.0	.....	155,157	112,237	[2] 42,920	.....	72.3	27.7	.....
BLOOMINGTON	1919	42	29	12	2,818	154	2,604	60	5.5	92.4	2.1	11,519,580	496,723	10,531,494	491,363	4.3	91.4	4.3
	1914	48	32	20	2,384	215	2,063	106	9.0	86.5	4.4	4,803,808	726,943	3,768,827	308,038	15.1	78.5	6.4
BLUE ISLAND	1919	15	12	7	1,180	67	1,028	85	5.7	87.1	7.2	7,498,870	348,789	6,822,523	327,558	4.7	91.0	4.4
CAIRO	1919	14	35	6	1,792	51	1,651	90	2.8	92.1	5.0	10,526,159	265,156	9,876,612	384,391	2.5	93.8	3.7
	1914	16	32	13	1,522	49	1,348	125	3.2	88.6	8.2	4,583,539	162,967	4,134,604	285,968	3.6	90.2	6.2
CANTON	1919	17	8	8	1,296	88	1,122	86	6.8	86.6	6.6	4,558,447	280,831	4,046,370	231,246	6.2	88.8	5.1
	1914	15	9	10	920	54	824	42	5.9	89.6	4.6	2,576,965	110,886	2,351,551	114,528	4.3	91.3	4.4
CENTRALIA	1919	18	9	3	1,003	56	937	10	5.6	93.4	1.0	3,010,556	298,966	2,540,616	170,974	9.9	84.4	5.7
	1914	17	8	5	237	54	156	27	22.8	65.8	11.4	767,533	192,800	465,512	109,221	25.1	60.7	14.2
CHAMPAIGN	1919	40	22	18	1,063	142	847	74	13.4	79.7	7.0	5,187,010	864,042	3,892,689	430,279	16.7	75.0	8.3
	1914	30	19	10	382	83	281	18	21.7	73.6	4.7	1,244,696	277,359	903,003	64,334	22.3	72.5	5.2
CHICAGO	1919	4,730	4,269	1,538	403,942	24,381	360,605	18,956	6.0	89.3	4.7	3,657,424,471	162,693,551	3,353,449,991	141,280,929	4.4	91.7	3.9
	1914	5,078	3,613	1,424	313,710	27,532	265,955	20,223	8.8	84.8	6.4	1,483,498,416	89,213,226	1,329,465,505	64,819,685	6.0	89.6	4.4
CHICAGO HEIGHTS	1919	33	54	16	5,328	79	5,204	45	1.5	97.7	0.8	41,788,147	531,486	41,026,511	230,150	1.3	98.2	0.6
	1914	20	46	11	4,288	56	4,202	30	1.3	98.0	0.7	14,485,569	145,234	14,147,466	192,869	1.0	97.7	1.3
CICERO	1919	44	40	8	14,754	66	14,615	73	0.4	99.1	0.5	57,918,418	553,502	57,023,700	341,216	1.0	98.5	0.6
DANVILLE	1919	55	35	22	3,343	182	2,499	662	5.4	74.8	19.8	15,005,953	963,885	11,662,718	2,379,350	6.4	77.7	15.9
	1914	47	32	21	2,109	156	1,705	248	7.4	80.8	11.8	5,291,160	432,962	4,458,271	399,927	8.2	84.3	7.6
DECATUR	1919	37	54	12	5,693	106	5,420	167	1.9	95.2	2.9	38,683,689	787,728	37,227,991	667,970	2.0	96.2	1.7
	1914	58	51	17	4,003	286	3,451	266	7.1	86.2	6.6	11,957,406	648,318	10,795,152	513,936	5.4	90.3	4.3
EAST ST. LOUIS	1919	63	82	12	8,785	152	8,601	32	1.7	97.9	0.4	77,292,812	1,415,780	75,689,625	187,407	1.8	97.9	0.2
	1914	52	65	8	5,863	276	5,564	23	4.7	94.9	0.4	26,904,565	858,128	25,970,434	76,003	3.2	96.5	0.3
ELGIN	1919	27	41	12	6,846	139	6,667	40	2.0	97.4	0.6	25,648,891	418,553	24,552,173	678,165	1.6	95.7	2.6
	1914	34	42	15	5,529	157	5,205	167	2.8	94.1	3.0	10,491,829	328,568	9,770,805	392,456	3.1	93.1	3.7
EVANSTON	1919	47	25	29	1,405	98	1,127	180	7.0	80.2	12.8	9,791,025	839,698	7,933,691	1,017,636	8.6	81.0	10.4
	1914	22	11	16	924	58	157	709	6.3	17.0	76.7	3,984,824	164,873	544,315	3,275,636	4.1	13.7	82.2
FOREST PARK	1919	19	8	1	192	54	[2] 138	.....	28.1	71.9	.....	1,016,236	280,907	[2] 735,329	.....	27.6	72.4	.....
FREEPORT	1919	36	32	8	3,177	168	2,930	79	5.3	92.2	2.5	18,405,204	860,932	16,109,901	1,434,371	4.7	87.5	7.8
	1914	29	26	8	2,566	153	2,330	83	6.0	90.8	3.2	7,446,977	460,442	6,628,929	357,606	6.2	89.0	4.8
GALESBURG	1919	30	30	17	2,222	69	1,999	154	3.1	90.0	6.9	10,352,242	398,364	8,698,401	1,255,477	3.8	84.0	12.1
	1914	19	28	13	1,362	45	1,207	110	3.3	88.6	8.1	3,192,129	136,276	2,685,225	370,628	4.3	84.1	11.6
GRANITE CITY	1919	15	15	7	5,493	26	5,422	45	0.5	98.7	0.8	43,039,044	185,927	42,698,546	154,571	0.4	99.2	0.4
	1914	19	13	7	5,090	53	5,012	25	1.0	98.5	0.5	17,903,162	131,988	17,693,958	77,216	0.7	98.8	0.4
HERRIN	1919	7	1	4	52	30	.....	[3] 22	57.7	.....	42.3	285,225	140,288	.....	[3] 144,937	49.2	.....	50.8
JACKSONVILLE	1919	27	18	14	1,091	71	786	234	6.5	72.0	21.4	7,126,506	266,717	5,850,177	1,009,612	3.7	82.1	14.2
	1914	30	17	16	932	108	613	211	11.6	65.8	22.6	2,355,192	271,462	1,276,423	807,307	11.5	54.2	34.3
JOLIET	1919	72	72	22	11,259	698	10,502	59	6.2	93.3	0.5	82,669,536	2,382,447	79,865,422	421,667	2.9	96.6	0.5
	1914	75	43	18	4,999	215	4,622	162	4.3	92.5	3.2	30,091,415	665,072	28,938,610	487,733	2.2	96.2	1.6
KANKAKEE	1919	17	23	14	1,959	50	1,801	108	2.6	91.9	5.5	7,287,117	291,427	6,257,306	738,384	4.0	85.9	10.1
	1914	21	19	13	1,430	129	1,167	134	9.0	81.6	9.4	3,193,020	352,962	2,544,803	295,255	11.1	79.7	9.2

[1] Includes the group "Individuals." [2] Includes the group "All others." [3] Includes the group "Corporations."

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.
Kewanee	1919	15	13	9	3,909	27	3,808	74	0.7	97.4	1.9	$16,278,508	$163,451	$15,638,976	$476,081	1.0	96.1	2.9
	1914	11	9	11	2,837	17	2,746	74	0.6	96.8	2.6	5,446,615	54,481	5,070,774	321,360	1.0	93.1	5.9
La Salle	1919	25	9	4	1,792	74	1,700	18	4.1	94.9	1.0	9,533,706	603,143	8,804,126	126,437	6.3	92.3	1.3
	1914	19	7	4	1,214	74	1,134	6	6.1	93.4	0.5	5,245,780	253,487	4,971,510	20,783	4.8	94.8	0.4
Lincoln	1919	14	11	8	194	33	137	24	17.0	70.6	12.4	784,734	189,823	447,344	147,567	24.2	57.0	18.8
	1914	17	10	13	239	50	146	43	20.9	61.1	18.0	560,637	106,930	367,932	85,775	19.1	65.6	15.3
Mattoon	1919	37	13	15	1,134	101	984	49	8.9	86.8	4.3	4,051,058	636,545	3,099,887	314,626	15.7	76.5	7.8
	1914	24	14	9	735	57	641	37	7.8	87.2	5.0	1,543,727	239,151	1,091,074	213,502	15.5	70.7	13.8
Maywood	1919	13	7	7	2,217	30	2,181	6	1.4	98.4	0.3	14,432,705	218,975	14,174,360	39,370	1.5	98.2	0.3
Moline	1919	14	37	10	5,444	113	5,307	24	2.1	97.5	0.4	44,871,021	483,994	44,211,889	175,138	1.1	98.5	0.4
	1914	41	50	17	5,053	104	4,925	24	2.1	97.5	0.5	19,925,106	406,291	19,422,034	96,781	2.0	97.5	0.5
Murphysboro	1919	10	14	4	1,139	25	1,110	4	2.2	97.5	0.4	6,208,317	142,560	6,017,340	48,417	2.3	96.9	0.8
Oak Park	1919	29	11	4	383	47	328	8	12.3	85.6	2.1	2,280,640	459,365	1,773,779	47,496	20.1	77.8	2.1
	1914	27	9	11	268	29	220	19	10.8	82.1	7.1	1,555,083	180,846	1,248,278	125,959	11.6	80.3	8.1
Ottawa	1919	39	17	6	729	224	480	25	30.7	65.8	3.4	3,223,647	738,772	2,329,656	155,219	22.9	72.3	4.8
Pekin	1919	20	12	5	934	91	820	23	9.7	87.8	2.5	25,663,968	232,278	25,117,587	314,103	0.9	97.9	1.2
	1914	26	11	7	634	90	510	34	14.2	80.4	5.4	9,609,500	192,837	9,248,360	168,303	2.0	96.2	1.8
Peoria	1919	107	105	41	7,977	509	7,103	365	6.4	89.0	4.6	57,074,893	2,897,443	51,112,143	3,065,307	5.1	89.5	5.4
	1914	125	102	56	6,285	565	5,370	350	9.0	85.4	5.6	64,689,045	2,933,675	60,551,655	1,203,715	4.5	93.6	1.9
Quincy	1919	85	83	15	4,443	450	3,921	72	10.1	88.2	1.6	23,498,813	1,990,850	20,969,303	538,660	8.5	89.2	2.3
	1914	93	76	25	3,067	271	2,508	288	8.8	81.8	9.4	9,556,918	961,486	7,604,416	991,016	10.1	79.6	10.4
Rock Island	1919	40	36	7	3,208	169	2,939	100	5.3	91.6	3.1	22,350,114	1,011,310	20,925,267	413,537	4.5	93.6	1.9
	1914	48	38	20	1,837	175	1,582	80	9.5	86.1	4.4	6,487,859	411,210	5,861,002	215,647	6.3	90.3	3.3
Rockford	1919	94	180	38	14,992	399	13,416	1,177	2.7	89.5	7.9	74,918,953	2,169,687	67,551,216	5,198,050	2.9	90.2	6.9
	1914	91	143	31	10,472	446	9,335	691	4.3	89.1	6.6	26,371,219	1,237,464	23,409,394	1,724,361	4.7	88.8	6.5
Springfield	1919	82	58	41	5,365	411	4,527	427	7.7	84.4	8.0	22,723,365	1,630,118	19,265,748	1,827,499	7.2	84.8	8.0
	1914	95	48	46	4,157	432	3,395	330	10.4	81.7	7.9	11,769,969	1,239,865	9,659,416	870,688	10.5	82.1	7.4
Streator	1919	42	18	9	1,301	213	1,025	63	16.4	78.8	4.8	6,662,302	916,723	5,251,276	494,303	13.8	78.8	7.4
	1914	35	17	8	1,763	223	1,514	26	12.6	85.9	1.5	3,886,617	302,423	3,462,452	121,742	7.8	89.1	3.1
Urbana	1919	20	12	11	509	42	427	40	8.3	83.9	7.9	1,450,522	166,663	1,091,276	192,583	11.5	75.2	13.3
Waukegan	1919	23	25	4	2,538	88	2,422	28	3.5	95.4	1.1	24,093,062	647,634	23,340,703	104,725	2.7	96.9	0.4
	1914	27	15	6	2,276	74	2,192	10	3.3	96.3	0.4	12,438,514	242,976	12,130,063	65,475	2.0	97.5	0.5

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.		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	.....	44	.....	27	.....	16	.....	1	.....	.....	.....
	1914	.....	35	.....	20	.....	14	.....	1	.....	.....	.....
	1909	.....	32	.....	20	.....	11	.....	1	.....	.....	.....
Population[2]	1920	6,485,280	3,808,158	58.7	406,143	6.3	700,310	10.8	2,701,705	41.7	2,677,122	41.3
	1915	5,986,781	3,276,504	54.7	318,472	5.3	560,432	9.4	2,397,600	40.0	2,710,277	45.3
	1910	5,638,591	2,950,963	52.3	331,285	5.9	434,395	7.7	2,185,283	38.8	2,687,628	47.7
Number of establishments	1919	18,593	14,066	75.7	1,385	7.4	2,144	11.5	10,537	56.7	4,527	24.3
	1914	18,388	13,218	71.9	1,091	5.9	2,012	10.9	10,115	55.0	5,170	28.1
	1909	18,026	12,520	69.5	1,076	6.0	1,788	9.9	9,656	53.6	5,506	30.5
Average number of wage earners	1919	653,114	555,930	85.1	48,665	7.5	103,323	15.8	403,942	61.8	97,184	14.9
	1914	506,943	408,976	80.7	33,807	6.7	61,459	12.1	313,710	61.9	97,967	19.3
	1909	465,764	379,100	81.4	32,893	7.1	52,230	11.2	293,977	63.1	86,664	18.6
Value of products	1919	$5,425,244,694	$4,571,383,859	84.3	$317,672,724	5.9	$596,286,664	11.0	$3,657,424,471	67.4	$853,860,835	15.7
	1914	2,247,322,819	1,843,239,978	82.0	116,627,056	5.2	243,114,506	10.8	1,483,498,416	66.0	404,082,841	18.0
	1909	1,919,276,594	1,592,407,931	83.0	109,948,749	5.7	201,288,001	10.5	1,281,171,181	66.8	326,868,663	17.0
Value added by manufacture	1919	1,936,974,248	1,678,564,459	86.7	133,355,969	6.9	267,026,247	13.8	1,278,182,243	66.0	258,409,789	13.3
	1914	907,139,412	757,599,917	83.5	52,843,874	5.8	123,191,021	13.6	581,565,022	64.1	149,539,495	16.5
	1909	758,349,904	640,926,356	84.5	45,869,118	6.0	104,494,815	13.8	490,562,423	64.7	117,423,548	15.5

[1] Includes statistics for Cicero for 1914 to avoid disclosure of individual operations.
[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.	Increase [1] over 1914. Per cent.
CHICAGO.				
Slaughtering and meat packing	$1,083,090,049	84.3	$676,106,782	166.1
Clothing, men's	190,016,924	96.2	106,622,855	127.9
Foundry and machine-shop products [2]	140,493,305	56.0	83,487,602	146.5
Printing and publishing, book and job	104,556,091	94.3	53,719,983	105.7
Electrical machinery, apparatus, and supplies	78,347,552	65.5	60,779,128	346.0
Bread and other bakery products	77,542,298	75.5	43,325,050	126.6
Cars, steam-railroad, not including operations of railroad companies	77,229,022	61.7	26,298,331	51.6
Printing and publishing, newspapers and periodicals	70,741,226	79.5	35,118,406	98.6
Clothing, women's	64,203,210	94.4	44,992,073	234.2
Confectionery and ice cream	61,577,267	84.2	38,597,563	168.0
Food preparations, not elsewhere specified	57,055,131	60.5	47,007,415	467.8
Automobiles	51,304,371	66.6	49,063,465	2,189.4
Leather, tanned, curried, and finished	50,519,773	83.7	34,857,031	222.5
Furniture	41,612,337	68.5	18,262,526	78.2
Cars and general shop construction and repairs by steam-railroad companies	41,589,061	40.3	24,901,132	149.2
Paints	39,190,068	91.0	21,625,227	123.1
Soap	25,504,617	99.1	4,249,187	20.0
Tinware, not elsewhere specified	24,378,445	56.9	17,734,111	266.9
Lumber, planing-mill products, not including planing mills connected with sawmills	23,037,294	66.6	3,176,435	16.0
Musical instruments, pianos	22,214,575	72.0	11,206,211	101.8
Flour-mill and gristmill products	22,109,077	19.0	(3)	.....
Structural ironwork, not made in steel works or rolling mills	20,767,777	75.3	7,031,495	51.2
Liquors, malt	20,572,801	75.3	−8,360,485	−28.9
Brass, bronze, and copper products	20,422,138	81.3	14,108,208	223.4
Millinery and lace goods, not elsewhere specified	19,523,877	98.4	(3)	.....
Boxes, paper and other, not elsewhere specified	19,250,917	66.6	12,305,605	177.2
Automobile bodies and parts	18,241,093	65.5	15,781,866	641.7
Boots and shoes	17,595,506	44.7	5,932,409	50.9
Patent medicines and compounds	15,595,717	61.4	7,631,851	95.8
Boxes, wooden packing, except cigar boxes	14,549,219	77.2	7,062,571	94.3
Roofing materials	13,744,658	49.9	9,233,885	204.7
Pickles, preserves, and sauces	12,824,790	67.3	8,147,135	174.2
Varnishes	11,115,727	94.8	5,869,893	111.9
Phonographs and graphophones	10,983,651	85.5	(3)	.....
Hardware	10,589,350	47.2	5,447,587	105.9
Agricultural implements; Babbitt metal and solder; Baking powders and yeast; Chewing gum; Coffee and spice, roasting and grinding; Cordials and flavoring sirups; Gas, illuminating and heating; Grease and tallow, not including lubricating greases; Instruments, professional and scientific; Iron and steel, blast furnaces; Iron and steel, steel works and rolling mills; Oil and cake, cottonseed; Oleomargarine and other butter substitutes; Shipbuilding, steel; Steam fittings and steam and hot-water heating apparatus; Tobacco, chewing and smoking, and snuff; Window shades and fixtures	(3)	(3)	(3)	(3)
EAST ST. LOUIS.				
Flour-mill and gristmill products	14,785,792	12.7	8,974,390	154.4
Food preparations, peanut butter and sweetening sirups, other than cane	8,125,948	8.6	(3)	.....
Cars and general shop construction and repairs by steam-railroad companies	3,265,803	3.2	1,989,665	155.9
Paints	2,198,681	5.1	(3)	.....
Bread and other bakery products	556,187	0.5	221,091	66.0
Baking powders; Chemicals; Electrical machinery, apparatus, and supplies; Fertilizers; Flax and hemp, dressed; Foundry and machine-shop products; Gas, illuminating and heating; Glass; Iron and steel, steel works and rolling mills; Iron and steel, forgings, not made in steel works or rolling mills	(3)	(3)	(3)	(3)
EAST ST. LOUIS—Continued.				
Liquors, malt; Petroleum, refining; Roofing materials; Slaughtering and meat packing; Smelting and refining, zinc; Springs, steel, railway; Structural ironwork, not made in steel works or rolling mills; Sulphuric, nitric, and mixed acids	(3)	(3)	(3)	(3)
PEORIA.				
Bread and other bakery products	$2,148,132	2.1	$1,090,987	103.2
Cooperage, hogsheads and barrels	1,474,438	12.7	298,203	25.4
Printing and publishing, newspapers and periodicals	1,092,411	1.2	485,303	79.9
Flour-mill and gristmill products	909,318	0.8	94,791	11.6
Foundry and machine-shop products	741,656	0.3	411,686	124.8
Printing and publishing, book and job	697,024	0.6	284,048	68.8
Brass and bronze products	607,080	2.4	(3)	.....
Confectionery and ice cream	600,309	0.8	(3)	.....
Lumber, planing-mill products, not including planing mills connected with sawmills	561,844	1.6	125,341	28.7
Agricultural implements; Butter; Cars and general shop construction and repairs by steam-railroad companies; Clothing, women's; Coffee, roasting and grinding; Copper, tin, and sheet-iron work; Cordage and twine; Druggists' preparations; Food preparations, peanut butter and sweetening sirups, other than cane; Gas, illuminating and heating; Gloves and mittens, cloth, not including gloves made in textile mills; Liquors, distilled, grain alcohol; Liquors, malt; Malt; Paper and wood pulp; Patent medicines and compounds; Pickles, preserves, and sauces; Scales and balances; Slaughtering and meat packing; Stoves and hot-air furnaces; Tinware, not elsewhere specified	(3)	(3)	(3)	(3)
ROCKFORD.				
Foundry and machine-shop products [4]	13,729,359	5.5	11,285,824	461.9
Furniture	9,836,745	16.2	5,251,822	114.5
Knit goods	9,728,405	47.5	5,821,157	149.0
Bread and other bakery products	1,160,595	1.1	608,369	110.2
Clothing, men's	1,132,613	0.6	(3)	.....
Pumps, not including power pumps	832,414	44.9	352,314	73.4
Confectionery and ice cream	732,788	1.0	578,527	375.0
Printing and publishing, newspapers and periodicals	583,507	0.7	330,393	130.5
Agricultural implements; Automobile bodies and parts; Boots and shoes; Cash registers and calculating machines; Gas, illuminating and heating; Hardware; Iron and steel forgings, not made in steel works or rolling mills; Leather, tanned, curried, and finished; Musical instruments, pianos; Musical instruments, piano materials; Paper and wood pulp; Saddlery and harness; Sewing machines; Stoves, gas and oil	(3)	(3)	(3)	(3)
SPRINGFIELD.				
Foundry and machine-shop products	2,030,208	0.9	1,569,398	340.6
Cars and general shop construction and repairs by steam-railroad companies	971,251	0.9	561,088	136.8
Printing and publishing, newspapers and periodicals	955,964	1.1	349,891	57.7
Bread and other bakery products	883,376	0.9	513,418	138.8
Agricultural implements; Boots and shoes; Butter; Electrical machinery, apparatus, and supplies; Flour-mill and gristmill products; Watches	(3)	(3)	(3)	(3)

[1] A minus sign (−) denotes decrease.
[2] Includes "iron and steel, tempering and welding" and "machine tools."
[3] Figures can not be shown without disclosing individual operations.
[4] Includes "iron and steel, tempering and welding"; "machine tools"; and "textile machinery and parts."

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	85,901	51,484	30,546	1,660,918	1,305,930	1,013,071	100.0	100.0	100.0
Owned	6,638	8,003	8,700	1,064,706	1,021,759	889,348	64.1	78.2	87.8
Steam [1]	5,294	6,142	6,728	997,338	947,949	839,632	60.0	72.6	82.9
Engines	4,884	(2)	(2)	779,156	(2)	(2)	46.9		
Turbines	410	(2)	(2)	218,182	(2)	(2)	13.1		
Internal-combustion engines	1,195	1,672	1,755	55,782	61,500	37,025	3.4	4.7	3.7
Water	149	189	217	11,586	12,310	12,691	0.7	0.9	1.3
Water wheels and turbines	126	148	182	11,438	11,965	12,178	0.7	0.9	1.2
Water motors	23	41	35	148	345	513	(3)	(3)	0.1
Rented	79,263	43,481	21,846	596,212	284,171	123,723	35.9	21.8	12.2
Electric	79,263	43,481	21,846	590,241	272,662	117,007	35.5	20.9	11.5
Other				5,971	11,509	6,716	0.4	0.9	0.7
Electric	122,769	72,094	39,278	1,174,567	681,474	398,621	100.0	100.0	100.0
Rented	79,263	43,481	21,846	590,241	272,662	117,007	50.3	40.0	29.4
Generated by establishments reporting	43,506	28,613	17,432	584,326	408,812	281,614	49.7	60.0	70.6

[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	238,451	16,562,727	3,903,043	4,876,501	114,255	3,557,698
1914	219,614	14,499,282	2,689,250	4,111,366	(1)	1,831,684
Per cent of increase	8.6	13.8	45.1	21.4	(1)	94.2
Agricultural implements	98	288,295	43,202	164,194	5,052	206,742
Bread and other bakery products	19,581	56,996	44,779	5,587	6,944	182,748
Brick and tile, terra-cotta, and fire-clay products	4,949	745,465	2,069	153,405	3,171	
Cars and general shop construction and repairs by steam-railroad companies	822	872,527	2,741	116,744	1,057	1,837
Cars, steam-railroad, not including operations of railroad companies	709	177,503	21,114	149,754	646	5,577
Cement		389,612				
Chemicals	132	407,312	20,353	11,110	610	15,359
Coke, not including gas-house coke		2,457,626		8,086		
Electrical machinery, apparatus, and supplies	424	124,772	7,002	8,674	4,581	444,098
Engines, steam, gas, and water	66	66,740	11,388	33,035	12,111	143,515
Flour-mill and gristmill products	269	179,678	964	1,087	1,006	125
Food preparations, not elsewhere specified	270	145,941	1,320	5	90	48,076
Foundry and machine-shop products	3,421	561,101	148,618	93,135	8,563	184,339
Furniture	1,915	96,587	693	180	265	19,695
Gas, illuminating and heating	77,309	619,318	487,850	2,147,811	196	4,748
Glass	3	418,860	120,000	52,657	30	200
Glucose and starch		485,876	12,336			23,315
Glue, not elsewhere specified	4	118,112	72	346		138
Ice, manufactured	1,302	259,087	600	375	47	74
Iron and steel, blast furnaces		48,798	2,658,635	77		
Iron and steel, steel works and rolling mills	1,103	1,792,476	33,325	575,473	30,450	452,948
Iron and steel forgings, not made in steel works or rolling mills	1,238	100,511	1,840	54,742	33	25,664
Leather, tanned, curried, and finished	351	100,851		10		
Liquors, malt	3,528	227,091	626	112	915	500
Paints	74	80,947	4,946	8,670	3	2,153
Paper and wood pulp		275,179	5,568	1,016	115	
Petroleum, refining		533,215	3,192	809,885	11	
Roofing materials		145,883		41,601	59	27,195
Slaughtering and meat packing		1,550,216	935	48,440	1,035	136,009
Smelting and refining, lead		26,354	32,753	1,866		
Smelting and refining, zinc	58,233	591,106	101,208	11	335	
Steam fittings and steam and hot-water heating apparatus	6,362	67,754	34,507	71,551	225	35,392
Stoves and hot-air furnaces	318	33,615	15,639	347	161	92
Structural ironwork, not made in steel works or rolling mills	192	65,938	5,811	11,130	4,712	16,768
Tools, not elsewhere specified	67	33,908	604	31,804	102	22,318
Wire	1,944	153,384	1,675	4,072	472	4,244
All other industries	53,767	2,203,593	76,618	269,509	31,258	1,553,829
Total for cities	182,557	12,684,582	3,739,856	3,694,245	91,394	3,222,874
ALTON		199,134	121,743	3,511	3,352	157
AURORA	431	74,379	10,984	31,005	346	32,319
BELLEVILLE	77	38,219	6,239	211	308	3,555
BERWYN	29	77	134		72	262
BLOOMINGTON	10	52,841	2,255	13,437	51	
BLUE ISLAND	4,933	72,299	8,412	57,567	37	685
CAIRO	50	21,723	125	686	73	
CANTON		31,130	2,013	8,247	20	286
CENTRALIA	32	22,293	153	470	2	539
CHAMPAIGN		17,824	1,129	12,300	15	1,577

[1] Included in figures for fuel oils.

TABLE 18.—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).				
CHICAGO	146,219	6,702,976	2,919,398	2,751,355	39,175	2,718,429
CHICAGO HEIGHTS	984	220,929	6,771	52,373	31,006	2,916
CICERO	4,830	155,567	26,174	26,132	4,613	189,938
DANVILLE	4	184,261	952	8,822	617	45,634
DECATUR	300	202,081	3,855	20,139	191	12,495
EAST ST. LOUIS	6,838	567,833	94,158	99,125	251	8,902
ELGIN	42	37,298	1,928	778	79	33,401
EVANSTON	3,424	45,352	15,211	92,662	47	608
FOREST PARK	25	898	90	1	113	.....
FREEPORT	45	52,518	6,599	9,482	177	5,621
GALESBURG	14	84,138	1,941	9,678	43	5,540
GRANITE CITY	.....	265,500	5,006	125,178	762	2,598
HERRIN	145	2,016	.....	.....	23	.....
JACKSONVILLE	48	21,127	504	966	27	2,557
JOLIET	221	1,647,026	408,825	16,125	676	7,666
KANKAKEE	49	48,027	272	42	102	.....
KEWANEE	2	55,370	10,754	37,001	135	8,018
LA SALLE	7,788	330,046	2,461	582	156	462
LINCOLN	7	8,393	110	.....	35	648
MATTOON	.....	24,154	151	.....	19	240
MAYWOOD	2,192	21,036	280	.....	1	9,312
MOLINE	45	77,185	19,082	87,952	1,243	7,323
MURPHYSBORO	64	47,486	1,591	6,311	142	296
OAK PARK	399	12,598	21,414	75,464	95	888
OTTAWA	.....	45,360	2,021	8,641	311	396
PEKIN	502	133,753	4,701	6	34	360
PEORIA	740	336,154	8,970	9,933	2,036	32,664
QUINCY	704	96,955	6,534	1,897	99	3,329
ROCK ISLAND	14	38,270	4,271	11,828	3,718	27,692
ROCKFORD	655	205,970	8,703	38,274	209	39,265
SPRINGFIELD	103	90,997	2,039	22,215	847	10,384
STREATOR	498	160,546	663	32,507	13	158
URBANA	.....	11,566	240	.....	.....	343
WAUKEGAN	94	221,277	1,000	21,342	123	5,421

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 17 of these industries in Illinois are here presented.

Slaughtering and meat packing (Table 19).—This table presents data for the census years 1919, 1914, and 1909 for the number and cost of the most important classes of animals slaughtered; the cost of all other materials, which includes that for dressed meat purchased for curing, goats and kids, poultry, cottonseed oil for making lard compounds and substitutes, butter and whole milk for making oleomargarine, curing materials, seasoning, containers, materials for making ice, fuel, rent of power, mill supplies, and freight; and the quantity and value of the leading products that can be presented without disclosing individual operations. The value of the minor and auxiliary products is reported under "All other products" and, for 1919, includes that for canned sausage, meat puddings, headcheese and scrapple, lard oil, oil (not specified), skins (other than cattle, calf, and sheep), ice, stock feed, refined cottonseed oil, and preserves. The value of goat and kid meat and dressed poultry is included in that for "Edible offal and other fresh meat."

The number of animals slaughtered in 1919 for which totals are shown was 18,061,773, and in 1914, 14,393,048, an increase of 3,668,725, or 25.5 per cent. The meat production in 1919, as presented in the table, was 2,222,477,098 pounds of fresh meat, as compared with 1,710,176,962 pounds in 1914, an increase of 512,300,136 pounds, or 30 per cent.

In 1919 the quantity of cured meat, canned goods, and sausage totaled 1,555,178,623 pounds, as compared with 1,113,239,889 pounds in 1914, an increase of 441,938,734 pounds, or 39.7 per cent. These three classes of products combined show an increase in quantity during the five-year period of 954,238,870 pounds, or 33.8 per cent. The increases in value are much greater than for quantities but are deemed of less significance as an indication of the growth of the industry.

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

	1919	1914	1909
MATERIALS.			
Total cost	$1,142,950,492	$408,895,070	$341,347,677
Animals slaughtered, cost	$796,732,706	$301,635,505	$241,856,653
Beeves—			
Number	2,887,414	1,864,982	2,181,199
Cost	$292,428,922	$133,022,896	$109,990,873
Calves—			
Number	839,604	439,616	513,639
Cost	$17,310,534	$5,685,254	$4,720,290
Sheep and lambs—			
Number	4,358,564	4,882,940	3,892,142
Cost	$49,135,520	$27,342,079	$19,429,169
Hogs—			
Number	9,976,191	7,205,510	7,293,544
Cost	$437,857,730	$135,585,276	$107,716,321
All other materials, cost	$346,217,786	$107,259,565	$99,491,024
PRODUCTS.			
Total value	$1,284,103,016	$485,302,180	$386,365,962
Fresh meat, value	$433,441,943	$196,155,448	$146,905,360
Beef—			
Pounds	1,364,421,895	1,000,942,830	1,142,920,916
Value	$247,315,429	$117,139,784	$85,704,478
Veal—			
Pounds	77,851,254	41,388,494	51,359,193
Value	$15,327,876	$5,474,481	$4,781,751
Mutton and lamb—			
Pounds	162,303,710	197,647,411	157,615,125
Value	$41,973,511	$23,094,431	$15,051,397
Pork—			
Pounds	462,665,805	374,315,928	303,896,802
Value	$112,403,650	$43,380,794	$30,221,023
Edible offal and other fresh meat—			
Pounds	155,234,434	95,882,299	192,514,645
Value	$16,421,477	$7,065,958	$11,146,711
Cured meat, value	$359,349,819	$115,863,408	$82,725,501
Beef, pickled and other cured—			
Pounds	59,074,801	32,738,293	53,965,719
Value	$12,540,976	$5,361,44[illegible]	$4,676,501
Pork, pickled and other cured—			
Pounds	1,181,812,053	854,815,194	720,216,994
Value	$346,808,843	$110,501,961	$78,049,000
Canned goods:			
Pounds	133,676,624	113,047,300	78,155,327
Value	$45,001,662	$18,087,864	$9,677,618
Sausage:			
Pounds	180,615,145	112,639,102	113,631,970
Value	$42,431,818	$16,030,339	$11,654,787
Lard:			
Pounds	467,185,468	335,695,330	403,177,806
Value	$146,123,019	$36,870,104	$40,502,051
Lard compounds and other substitutes:			
Pounds	163,898,342	95,574,742	(1)
Value	$38,230,161	$7,978,766	(1)
Oleo oil:			
Gallons	5,870,914	6,156,607	7,938,568
Value	$11,310,060	$4,595,781	$6,694,011
Tallow and oleo stock:			
Pounds	63,841,942	48,889,548	44,319,760
Value	$9,449,570	$3,349,702	$2,719,969
Grease and soap stock:			
Pounds	44,874,851	16,633,001	(1)
Value	$4,705,248	$898,630	(1)
Oleo stearin:			
Pounds	13,953,689	7,850,351	18,739,840
Value	$2,255,342	$737,475	$2,380,908
Oleomargarine:			
Pounds	76,034,222	40,498,679	30,793,365
Value	$22,681,311	$5,975,688	$4,413,578
Casings:			
Pounds	52,121,619	31,421,770	(1)
Value	$8,578,978	$4,554,942	(1)
Hoofs, horns, horntips, strips, and waste:			
Pounds	19,775,088	23,302,458	(1)
Value	$581,876	$229,280	(1)
Fertilizer, and fertilizer materials:			
Tons	118,996	91,163	102,638
Value	$5,135,708	$2,692,831	$2,614,087
Glue:			
Pounds	13,896,858	19,623,781	10,806,271
Value	$1,838,481	$1,704,326	$909,182
Hides and pelts:			
Cattle—			
Number	2,887,414	1,864,982	
Pounds	151,966,238	107,513,830	2,408,757
Value	$50,195,637	$19,235,802	135,617,679
Calf—			$19,372,440
Number	752,733	298,429	
Pounds	9,711,229	4,007,169	
Value	$5,344,281	$808,157	
Sheep—			
Pounds	3,366,234	4,880,057	3,619,577
Value	$9,885,299	$3,927,174	$3,869,008
Hair, hog and cattle:			
Pounds	37,898,337	(1)	(1)
Value	$2,877,031	(1)	(1)
Wool:			
Pounds	15,274,599	14,004,038	10,688,105
Value	$9,368,562	$4,170,684	$4,523,534
All other products, value	$75,317,210	$41,495,779	$47,313,928

[1] Not reported separately.

Printing and publishing (Tables 20 and 21).—Table 20 shows the number and aggregate circulation per issue for the different classes of newspaper and periodical publications in Illinois for 1919, 1914, and 1909.

The total increase in circulation for the five-year period 1914 to 1919 was 1,371,743, or 5.5 per cent. The increase for the daily newspapers was 620,593, or 23.6 per cent, and for the Sunday newspapers, 250,963, or 15.3 per cent. Of the dailies, 118 with a circulation of 1,759,274, or 53.1 per cent, were published in the afternoon, showing an increase of 119,964, or 7.3 per cent, over the circulation reported for 1914. The 50 morning newspapers gained 500,629, or 51 per cent, for the five years.

Table 21 gives the number and circulation of foreign-language publications in 1919, 1914, and 1909, by period of issue, compared with those published in the English language. Publications partly in English and partly in foreign languages are included with the foreign.

During the five-year period 1914 to 1919 the circulation of foreign-language publications in Illinois increased 33,493, or 1.7 per cent. The circulation of these publications constituted 7.6 per cent of the circulation of all publications in 1919 and 7.9 per cent in 1914. The increase in circulation of foreign-language daily and Sunday publications from 1914 to 1919 is notable, being 332,853, or 60.4 per cent.

The foreign languages represented are: Armenian, 1 semiweekly and 1 weekly; Bohemian, 19 publications with a circulation of 146,536—4 dailies, 4 Sunday newspapers, 6 semiweeklies, 1 weekly, 3 monthly publications, and 1 quarterly; Bulgarian, 1 daily and 1 weekly; Croatian, 3 weeklies with a circulation of 14,200; Danish, 5 publications with a circulation of 11,650—4 weeklies and 1 monthly; Dutch, 1 weekly; Finnish, 1 quarterly; Flemish, 1 weekly; French, 1 quarterly; German, 37 publications with a circulation of 259,346—5 dailies, 3 Sunday publications, 19 weeklies, 2 semimonthly, 2 monthly, and 6 quarterly publications; Greek, 2 weeklies; Hungarian, 3 publications with a circulation of 8,200—1 Sunday, 1 weekly, and 1 quarterly; Italian, 5 publications with a circulation of 18,000—1 semiweekly, 3 weeklies, and 1 quarterly; Lithuanian, 5 publications with a circulation of 140,865—3 dailies and 2 monthly publications; Norwegian, 1 weekly; Polish, 8 publications with a circulation of 280,990—4 dailies, 3 weeklies, and 1 quarterly; Rumanian, 1 quarterly; Russian, 1 daily and 1 monthly; Servian, 1 weekly; Slovak, 13 publications with a circulation of 101,827—3 dailies, 1 Sunday, 1 semiweekly, 7 weeklies, and 1 quarterly; Slovenian, 8 publications with a circulation of 35,961—1 daily, 2 semiweeklies, 3 weeklies, 1 monthly, and 1 bimonthly; Spanish, 1 semimonthly and 1 quarterly; Swedish, 20 publications with a circulation of 257,469—12 weeklies, 1 semimonthly, 4 monthly, and 3 quarterly publications; Ukranian, 1 weekly; Yiddish, 12

publications with a circulation of 247,648—4 dailies, 4 Sunday publications, 3 weeklies, and 1 quarterly. There were 4 publications in Norwegian-Danish, with a circulation of 72,532—1 daily, 1 Sunday, 1 weekly, and 1 semiweekly; 1 monthly in English-Bohemian; 1 semimonthly in English-French; 4 publications in English-German with a circulation of 151,900—2 weeklies and 2 monthlies; 1 semimonthly in English-Persian; 1 monthly in English-Spanish; and 3 weeklies in English-Swedish, with a circulation of 39,150.

TABLE 20.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	1,523	1,657	1,682	26,473,359	25,101,616	20,823,166
Daily	168	184	194	3,241,254	2,629,661	2,323,913
Sunday	41	48	38	1,886,084	1,635,121	1,616,506
Semiweekly	33	36	41	127,849	91,869	113,915
Triweekly	3	5	7	6,747	12,500	24,250
Weekly	866	967	1,018	5,551,012	6,216,667	5,008,590
Semimonthly	38	31	29	217,155	356,677	246,185
Monthly	305	312	289	11,279,045	10,242,371	9,492,099
Quarterly	63	54	50	4,150,366	3,828,606	1,967,558
All other classes [1]	6	20	16	13,847	97,144	30,150

[1] Includes in 1919, 6 bimonthlies; in 1914, 11 bimonthlies and 9 semiannuals; and in 1909, 9 bimonthlies and 7 classed as "All other."

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

PERIOD OF ISSUE.	Census year.	TOTAL.		IN ENGLISH.		IN FOREIGN LANGUAGES.	
		Number.	Aggregate circulation per issue.	Number.	Aggregate circulation per issue.	Number.	Aggregate circulation per issue.
Total	1919	1,523	26,473,359	1,352	24,459,049	171	2,014,310
	1914	1,657	25,101,616	1,476	23,120,799	181	1,980,817
	1909	1,682	20,823,166	1,509	19,365,799	173	1,457,367
Daily and Sunday	1919	209	5,127,338	168	4,243,267	41	884,071
	1914	232	4,255,782	189	3,704,564	43	551,218
	1909	232	3,940,419	201	3,464,495	31	475,924
Semiweekly and triweekly.	1919	36	134,596	24	45,737	12	88,859
	1914	41	104,369	30	52,772	11	51,597
	1909	48	138,165	34	61,965	14	76,200
Weekly	1919	866	5,551,012	792	4,948,514	74	602,498
	1914	967	6,216,667	874	5,235,530	93	981,137
	1909	1,018	5,008,590	923	4,448,973	95	559,617
Monthly	1919	305	11,279,045	287	10,990,086	18	288,959
	1914	312	10,242,371	294	9,956,945	18	285,426
	1909	289	9,492,099	267	9,239,890	22	252,209
Quarterly	1919	63	4,150,366	44	4,051,132	19	99,234
	1914	54	3,828,606	46	3,800,056	8	28,550
	1909	50	1,967,558	44	1,885,266	6	82,292
All other classes [1]	1919	44	231,002	37	180,313	7	50,689
	1914	51	453,821	43	370,932	8	82,889
	1909	45	276,335	40	265,210	5	11,125

[1] Includes in 1919, 32 semimonthly and 5 bimonthly publications in English, and 6 semimonthlies and 1 bimonthly publication in foreign languages; in 1914, 24 semimonthly, 11 bimonthly, and 8 semiannual publications in English, and 7 semimonthly and 1 semiannual publication in foreign languages; and in 1909, 24 semimonthly, 9 bimonthly, and 7 "All other" publications in English, and 5 semimonthly publications in foreign languages.

Iron and steel, blast furnaces (Table 22).—This table shows the production statistics for the pig-iron industry for 1919, 1914, and 1909.

The bulk of the pig-iron product of the state was used in the steel furnaces, 76.6 per cent being delivered from the blast furnaces in a molten condition.

Illinois ranked third in the industry in value of products in 1919, being exceeded only by Pennsylvania and Ohio.

TABLE 22.—BLAST FURNACES: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	$64,762,411	$25,861,528	$38,299,897
Pig iron:			
Tons (2,240 lbs.)	2,528,888	1,843,333	2,468,772
Value	$61,734,928	$25,360,306	$38,299,897
Unit value, ton	$24.40	$13.75	$15.50
All other products, value	$3,027,483	$501,222	.....

Steel works and rolling mills (Table 23).—This table shows the quantity and cost of the principal materials and the product statistics for the steel works and rolling mills for 1919, 1914, and 1909.

The state ranked fourth in the industry in value of products in 1919, being exceeded by Pennsylvania, Ohio, and Indiana. The leading rolled products in order of tonnage were (1) plates and sheets; (2) rods; (3) bars; (4) structural shapes; (5) rail joints and fastenings; and (6) rails.

TABLE 23.—STEEL WORKS AND ROLLING MILLS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$100,319,478	$39,938,064	$56,244,463
Pig iron and ferroalloys:			
Tons (2,240 lbs.)	2,318,920	1,637,922	2,433,805
Cost	$60,790,941	$24,026,163	$36,686,448
Scrap, purchased:			
Tons	511,160	290,888	278,874
Cost	$10,387,892	$2,986,465	$3,996,891
Steel, crude and semifinished, muck and scrap bar and rails for rerolling, purchased:			
Tons	205,467	294,090	280,727
Cost	$7,146,889	$5,577,931	$6,357,611
All other materials, including fuel and rent of power, cost	$21,993,756	$7,347,505	$9,203,513
PRODUCTS.			
Total value	$173,344,650	$61,995,121	$86,608,137
Rolled, forged, and other classified products:			
Tons (2,240 lbs)	2,610,461	1,901,330	2,644,191
Value	$157,026,544	$58,695,178	$78,841,720
All other products, including value added to rolling-mill products by further manufacture	$16,318,106	$6,299,943	$7,766,417

Agricultural implements (Table 24).—This table shows the value of the principal groups of agricultural implements manufactured in Illinois during the census years 1919, 1914, and 1909.

Illinois ranked first in 1919, 1914, and 1909 in the manufacture of agricultural implements. During the five-year period 1914–1919, there was an increase of $62,947,053, or 96.3 per cent, in the total value of products for the industry. Of the four main groups, harvesting implements, the most important by value of products at each of the three censuses, shows an increase during the five-year period mentioned of $8,628,280, or 31.7 per cent. Plows and cultivators increased $12,169,306, or 68.9 per cent; seed separators, $3,419,950, or 156.6 per cent; and planters and seeders, $1,698,292, or 46.5 per cent.

The total value of products for each census includes the value of products incident to the manufacture of agricultural implements, which are relatively of much importance. In 1919 such products amounted to $23,494,024, of which $2,653,599 represented the value of wagons, automobiles, and engines, $10,374,867 the value of tractors, and $10,465,558 the value of other products, such as manure spreaders, ensilage cutters, feed grinders, etc.

TABLE 24.—AGRICULTURAL IMPLEMENTS: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	$128,284,716	$65,337,663	$57,268,325
Planters and seeders	5,352,515	3,654,223	4,142,234
Plows and cultivators	29,822,582	17,653,276	15,961,417
Harvesting implements	35,805,793	27,177,513	.....
Hayrakes and tedders	2,152,549	1,862,753	22,417,070
Mowers and reapers	32,060,910	23,462,046	
Other	1,592,334	1,852,714	
Seed separators	5,603,590	.....	.....
Thrashers	2,415,192	2,183,640	1,847,026
Other	3,188,398		
All other agricultural implements, including parts	18,639,044	7,560,021	12,528,685
All other products	23,494,024	6,821,321	
Amount received for repair work	9,567,168	287,669	371,893

Electrical machinery, apparatus, and supplies (Table 25).—This table gives in detail the value of the several classes of electrical machinery, apparatus, and supplies manufactured in 1919.

Among the states, Illinois ranked fourth in 1919 in the manufacture of electrical machinery, apparatus, and supplies. The state ranked first in the manufacture of telephone apparatus, with 79.7 per cent of the total value of such products for the United States.

Of the various products shown in Table 25, telephone apparatus was the most important, representing 30.8 per cent of the total value of products of the industry in the state. Insulated wire was second in importance among those for which separate values are given, with 15.6 per cent of the total.

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

	1919
Products, total value [1]	$119,528,022
Telephone apparatus	36,809,805
Insulated wire and cables	18,660,109
Household and industrial apparatus and devices	7,604,879
Batteries	4,585,712
Generating apparatus and parts	3,945,737
Therapeutic apparatus and X-ray tubes	2,838,904
Motors	2,186,959
Incandescent lamps	2,161,349
Magnetoignition apparatus	1,723,930
Telegraph apparatus	1,359,756
Transformers and feeder potential regulators	1,040,293
Searchlights, projectors, and focusing lamps	536,215
Switchboards, panel boards, and cut-out cabinets for light and power	444,605
Carbons	267,210
All other electrical machinery, apparatus, and supplies [2]	27,131,011
All other products	5,660,994
Amount received for custom work and repairing	2,520,554

[1] In addition, electrical machinery, apparatus, and supplies to the value of $3,275,197 were reported by establishments engaged primarily in other industries.
[2] In addition to products not specially provided for, includes several classes of products, the value of which can not be shown separately without disclosing individual operations. Among these are fuses, measuring instruments, pole-line hardware, electric locomotives, conduits, sockets, clocks, etc.

Flour-mill and gristmill products (Table 26).—This table shows the kind, quantity, and value of the flour-mill and gristmill products for 1919, 1914, and 1909.

Wheat flour was the product of chief value in 1919, as it was in 1914 and 1909, forming 66.7 per cent, 64.5 per cent, and 66.5 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 $67,069,691, or 135.5 per cent, during this five-year period. The value of wheat flour increased $45,845,640, or 143.7 per cent. The increase in the quantity of wheat flour, however, was much smaller, being 617,935 barrels, or 9.3 per cent. It is noticeable throughout the table that although large increases predominate as a rule in values in 1919 compared with 1914, due to the increased prices of commodities in 1919, the increases in quantity are small, and in a number of instances decided decreases are shown.

TABLE 26.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$116,562,915	$49,493,224	$51,110,681
Wheat flour:			
Barrels	7,261,918	6,643,983	6,386,547
Value	$77,749,717	$31,904,077	$33,992,494
Rye flour:			
Barrels	137,712	146,432	116,925
Value	$1,109,966	$635,985	$539,732
Buckwheat flour:			
Pounds	850,570	736,805	1,802,689
Value	$50,103	$24,237	$54,842
Barley meal:			
Pounds	360,000	.....	110,400
Value	$14,754	.....	$1,560
Corn meal and corn flour:			
Barrels	552,385	600,515	738,864
Value	$4,045,507	$1,942,702	$2,168,824
Hominy and grits:			
Pounds	101,199,037	154,209,222	221,177,853
Value	$3,306,491	$2,293,856	$3,224,171
Bran and middlings:			
Tons	284,744	270,754	475,852
Value	$12,857,317	$6,184,864	$10,766,280
Feed and offal:			
Tons	270,762	242,201	
Value	$16,650,649	$5,993,094	
Oatmeal:			
Pounds	17,143,275	.....	.....
Value	$603,042	.....	.....
Breakfast foods:			
Pounds	1,601,566	.....	.....
Value	$108,496	.....	.....
All other cereal products, value	$17,730	$157,097	$268,946
All other products, value	$49,143	$357,312	$93,832

Petroleum, refining (Table 27).—This table presents the statistics for the petroleum-refining industry in Illinois in 1919, represented by 13 establishments, with products valued at $64,548,642, as compared with 9 establishments and products valued at $16,892,727 in 1914, an increase in value of products of 282.1 per cent. The state ranked ninth in this industry in 1919.

The total production of refined oils and greases, the same including gasoline and the other lighter products, fuel oils, illuminating oils, lubricating oils and greases, and asphaltic road oils, was 12,103,696 barrels of 50 gallons, valued at $61,790,464, of which the fuel oils constituted in quantity 44.9 per cent, gasoline and the lighter oils 38 per cent, illuminating oils 11.7 per cent, and lubricating oils and greases and asphaltic road oils 5.4 per cent.

TABLE 27.—PETROLEUM, REFINING: 1919.

	1919
MATERIALS.	
Total cost	$54,053,358
Crude petroleum:	
Barrels (42 gallons)	12,527,323
Cost	$34,776,595
Distillates purchased and rerun:	
Barrels	2,055,211
Cost	$6,236,461
Casing-head gasoline purchased:	
Barrels	969,068
Cost	$7,711,821
Chemicals and filtering material, cost	$400,212
Containers and materials therefor, cost	$627,283
All other materials, cost	$4,300,986
PRODUCTS.	
Total value	$64,548,642
Naphthas and lighter products:	
Gasoline—	
Gallons	227,116,664
Value	$39,127,356
Naphtha, benzine, etc.—	
Gallons	2,726,331
Value	$413,486
Illuminating oils:	
Gallons	71,071,215
Value	$6,338,908
Fuel oils:	
Distillates—	
Gallons	10,677,977
Value	$489,958
Gas oils—	
Gallons	47,747,510
Value	$2,751,273
Residual fuel oils—	
Gallons	213,396,619
Value	$9,815,514
Lubricating oils and greases:	
Gallons	23,409,468
Value	$2,449,325
Liquid asphaltic road oils:	
Gallons	9,039,020
Value	$404,644
Paraffin wax:	
Gallons	2,863,707
Value	$1,244,929
Other refinery products, value	$1,208,778
All other products, value	$304,471
EQUIPMENT (CAPACITY, GALLONS).	
Stills:	
Steam—	
Number	40
Capacity	1,268,000
Fire—	
Number	147
Capacity	4,125,000
Pressure—	
Number	120
Capacity	1,365,000
Storage tanks for:	
Crude petroleum—	
Number	208
Capacity	118,436,000
Refined petroleum—	
Number	273
Capacity	54,916,000
Fuel oils—	
Number	101
Capacity	40,768,000
Other—	
Number	400
Capacity	20,673,000

Leather, tanned, curried, and finished (Table 28).—This table gives for 1919, 1914, and 1909 the quantity and cost of the different kinds of materials used, and the quantity and value of the principal products reported for this industry.

There was an increase in the total cost of materials used in 1919, as compared with 1914, of $28,734,801, or 206.5 per cent. During this five-year period the number of cattle hides treated increased 1,131,568, or 126.8 per cent, and their cost $16,982,921, or 293.5 per cent. The use of calf and kip skins has steadily declined; there were 1,872,298, or 62.2 per cent, less treated in 1919 than in 1909, while, on the other hand, their cost has materially increased. The number of sheep and lamb skins treated, also shows a falling off. The loss was slight compared with 1914, but a third less than was reported in 1909. The cost of all other raw stock, comprising horse and buffalo hides, goat, kid, colt, cabretta, pig, kangaroo, and deer skins etc., shows decided increases from census to census.

There was an increase in the total value of products in 1919, as compared with 1914, of $42,814,403, or 244.5 per cent. Cattle side upper, the most important leather produced in the state in 1919, constituted 50.2 per cent of the total value of products and, compared with 1914, shows an increase in quantity of 2,451,387 sides, or 204.9 per cent, and $25,057,984, or 480.3 per cent, in value. There was a marked falling off in the number of calf and kip skins tanned and finished, but an increase of 207,977 in the number of sheep and lamb skins. Notwithstanding the decrease in quantity of the former product, however, the value of each of these two classes of products shows conspicuous increases for the five-year period, 1914–1919. "All other leather" includes patent, glove, horse, harness, finished splits, and case, bag, and strap leather, etc.

TABLE 28.—LEATHER, TANNED, CURRIED, AND FINISHED: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$42,652,233	$13,917,432	$12,130,609
Cattle hides:			
Number	2,023,824	892,256	663,928
Cost	$22,769,561	$5,786,640	$3,859,429
Calf and kip skins:			
Number	1,136,318	1,885,276	3,008,616
Cost	$5,959,289	$4,399,144	$5,532,850
Sheep and lamb skins:			
Number	1,005,368	1,069,914	1,562,628
Cost	$1,365,676	$774,309	$922,466
All other raw stock, cost	$6,129,193	$1,221,598	$436,138
Fuel and rent of power, cost	$512,322	$160,482	$151,707
All other materials, cost	$5,916,192	$1,575,169	$1,228,019
PRODUCTS.			
Total value	$60,323,659	$17,509,256	$14,911,782
Leather:			
Cattle side upper (other than patent)—			
Sides	3,647,664	1,196,277	932,486
Value	$30,274,697	$5,216,713	$3,058,427
Calf and kip skins—			
Number	896,849	1,868,815	2,926,674
Value	$6,756,262	$5,953,430	$7,071,221
Sheep and lamb skins—			
Number	891,955	683,978	1,142,669
Value	$1,448,061	$437,609	$716,605
All other, value	$18,341,408	$5,123,801	$3,487,921
All other products, value	$2,848,300	$776,404	$575,600
Work on materials for others, value	$659,931	$1,299	$2,008

Butter, cheese, and condensed milk (Table 29).—This table presents the quantities and values of the principal products of the industry for 1919, 1914, and 1909. Illinois ranked sixth in 1919 among the states in the value of butter, cheese, and condensed-milk factory products combined, and third in the manufacture of

condensed and evaporated milk, being exceeded in the manufacture of this latter product by New York and Wisconsin, in the order named. At each of the three censuses, condensed and evaporated milk was the product of chief value, forming 47.5 per cent of the total value of all products for the industry in 1919, as compared with 51.7 per cent in 1914, and 47. 4 per cent in 1909. Butter formed 42.8 per cent of the total in 1919, 36.5 per cent in 1914, and 39.8 per cent in 1909.

During the five-year period 1914 to 1919, there was an increase of $36,506,051, or 167.5 per cent, in the total value of products for the industry in the state. Condensed milk, although showing an increase of only 6.2 per cent in quantity during the five-year period, increased 145.8 per cent in value. Similarly, butter increased 213.1 per cent in value and 62.9 per cent in quantity, and cheese, although increasing 88.7 per cent in value, decreased 23.9 per cent in quantity.

TABLE 29.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	[1] $58,298,271	$21,792,220	$17,798,278
Butter:			
Pounds	44,527,933	27,332,293	24,570,976
Value	$24,928,641	$7,962,297	$7,088,414
Packed solid—			
Pounds	19,906,494	15,404,541	14,767,503
Value	$10,937,917	$4,509,095	$4,215,191
Prints or rolls—			
Pounds	24,621,439	11,927,752	9,803,473
Value	$13,990,724	$3,453,202	$2,873,223
Cream sold:			
Pounds	4,326,626	11,966,359	11,496,133
Value	$915,507	$1,073,690	$1.274,796
Cheese:			
Pounds	4,851,054	6,377,947	4,799,235
Value	$1,344,910	$712,842	$520,486
Full cream—			
Pounds	2,464,849	4,090,100	2,919,897
Value	$939,091	$590,024	$398,397
Other kinds [2]—			
Pounds	2,386,205	2,310,432	1,879,338
Value	$405,819	$122,818	$122,089
Condensed and evaporated milk:			
Pounds	177,792,214	167,425,094	114,500,748
Value	$27,667,488	$11,256,447	$8,437,627
Sweetened—			
Pounds	70,370,033	58,857,984	48,240,252
Value	$13,562,542	$4,937,077	$4,468,085
Unsweetened—			
Pounds	7,615,164	51,823,055	66,260,496
Value	$1,093,047	$3,052,538	$3,969,542
Evaporated—			
Pounds	99,807,017	56,744,055	
Value	$13,011,899	$3,266,832	
All other butter, cheese, and condensed-milk factory products, value	$2,185,439	$690,162	$398,754
All other products, value	$1,256,286	$96,782	$76,201

[1] In addition, in 1919, butter valued at $204,292 was manufactured in establishments engaged primarily in the manufacture of products other than those covered by the industry designation.
[2] Includes "Part cream," "Skimmed," and "Other kinds" of cheese.

Paints and varnishes (Table 30).—This table gives details as to the products of the paint and varnish industries for 1919 and 1914. The statistics represent 83 establishments in 1919, 50 primarily engaged in the manufacture of paints and 33 in the manufacture of varnishes, as compared with 72 in 1914, 40 manufacturing paints and 32 varnishes.

From 1914 to 1919 the total value of products of the industry as a whole shows an increase of $30,298,852, or 123.7 per cent. Of this increase, $24,018,925 was for paints and $6,279,927 for varnishes, increases of 126.1 per cent and 115.3 per cent, respectively. The proportionate value of the two products shows but slight variation for the two censuses.

TABLE 30.—PAINTS AND VARNISHES: 1919 AND 1914.

	1919	1914
Products, total value	[1] $54,787,301	$24,488,449
The classified industries:		
Paints	$43,061,694	$19,042,769
Varnishes	$11,725,607	$5,445,680
Colors (pigments):		
White lead, dry—		
For sale—		
Pounds	18,400,906	16,783,007
Value	$1,597,557	$950,147
Made and consumed, pounds	49,646,836	(2)
Other dry colors—		
Pounds	38,141,286	5,564,451
Value	$2,577,349	$616,532
Paints	$29,738,866	$14,239,194
In paste form, ground in oil—		
White lead—		
Pounds	56,004,000	73,019,593
Value	$5,977,095	$5,000,591
All other—		
Pounds	21,360,047	20,271,856
Value	$2,596,529	$1,419,667
In oil, already mixed for use—		
Gallons	10,780,810	8,467,040
Value	$21,165,242	$7,818,936
Varnishes and japans:		
Oleoresinous varnishes—		
Gallons	4,594,475	2,762,458
Value	$5,134,512	$2,775,662
Spirit varnishes, not turpentine—		
Gallons	226,408	608,528
Value	$614,215	$638,934
Damar and similar turpentine and benzine varnishes—		
Gallons	1,282,830	680,592
Value	$2,374,486	$738,051
Drying japans and dryers—		
Gallons	822,934	759,252
Value	$678,713	$367,033
Baking japans and lacquers—		
Gallons	606,086	201,410
Value	$722,503	$156,227
Water paints and kalsomine:		
Dry or in paste—		
Pounds	12,420,067	11,304,884
Value	$835,785	$409,069
Fillers:		
Liquid—		
Gallons	569,392	
Value	$624,857	
In paste—		
Pounds	1,620,610	$3,597,600
Value	$151,336	
Putty—		
Pounds	8,457,881	
Value	$319,880	
All other products, value	$9,417,242	.....

[1] In addition, products to the value of $6,062,947, chiefly lead and zinc oxides and paints, were produced in 1919 as subsidiary products by establishments engaged primarily in the manufacture of other commodities.
[2] Not reported.

Engines, steam, gas, and water (Table 31).—This table shows the number, horsepower capacity, and value of the various types of engines manufactured in the state during the years 1919 and 1914.

A remarkable development is shown in the industry during the period 1914 to 1919, a condition largely attributable to the results of the World War. The total value of all products increased $50,841,898, or 797.6 per cent. The number of engines built increased by 46,859, or 126.4 per cent, and the horsepower capacity increased by 1,151,728, or 421.2 per cent.

TABLE 31.—ENGINES, STEAM, GAS, AND WATER: 1919 AND 1914.

	Census year.	Number by indicated horsepower capacity. Under 10.	10 but under 50.	50 but under 100.	100 but under 500.	500 and over.	Indicated horsepower capacity.	Value.
Total	1919	29,169	53,414	969	358	16	1,425,145	$57,216,364
	1914	30,404	6,202	349	104	8	273,417	6,374,466
The engine industry	1919	21,298	45,445	845	307	16	1,165,365	45,741,267
	1914	25,157	2,220	276	76	4	145,570	3,948,730
Subsidiary products from other industries.	1919	7,871	7,969	124	51	.....	259,780	11,475,097
	1914	5,247	3,982	73	28	4	127,847	2,425,736
Steam engines	1919	372	298	6	40	16	34,266	970,793
	1914	385	91	72	99	8	35,500	328,935
Internal-combustion engines.	1919	26,334	22,174	35	3	.....	483,255	8,946,770
	1914	29,969	4,945	116	4	.....	204,487	3,030,634
Automobile	1919	.....	21,130	.....	.....	.....	396,201	6,393,288
	1914	2,275	3,004	.....	.....	.....	88,492	661,203
Marine	1919	108	69	7	.....	.....	2,427	61,992
	1914	506	125	19	4	.....	5,966	153,331
Stationary	1919	24,445	975	28	3	.....	81,065	2,383,100
	1914	27,188	1,816	97	.....	.....	110,029	2,216,100
Other	1919	1,781	.....	.....	.....	.....	3,562	108,390
	1914	.....	.....	.....	.....	.....	(1)	(1)
Traction engines, not locomotives.	1919	2,463	30,942	928	315	.....	907,624	31,554,193
	1914	50	1,166	161	1	.....	33,430	2,048,826
Other engines and parts.	1919	.....	.....	.....	.....	.....	.....	[2]2,124,699
	1914	.....	.....	.....	.....	.....	.....	290,678
Other foundry and machine-shop products.	1919	.....	.....	.....	.....	.....	.....	5,260,007
	1914	.....	.....	.....	.....	.....	.....	128,571
All other products.	1919	.....	.....	.....	.....	.....	.....	5,359,902
	1914	.....	.....	.....	.....	.....	.....	546,822

[1] Included in "Stationary."
[2] Includes electric locomotives built by firms engaged primarily in the manufacture of traction engines. Figures can not be shown separately without disclosing individual operations.

Druggists' preparations, patent medicines and compounds, and perfumery and cosmetics (Table 32).—This table gives the products statistics for these industries in 1919. The industries constituting the group represent 314 establishments—druggists' preparations 31, patent medicines and compounds 208, and perfumery and cosmetics 75—with products aggregating in value $39,059,337, this amount being exclusive of druggists' preparations, patent medicines and compounds, and perfumery and cosmetics, reported by establishments engaged primarily in the manufacture of other commodities.

TABLE 32.—DRUGGISTS' PREPARATIONS, PATENT MEDICINES AND COMPOUNDS, AND PERFUMERY AND COSMETICS: 1919.

	1919
Products, total value	$41,714,235
The classified industries (all products):	
Druggists' preparations	4,888,548
Patent medicines and compounds	25,395,228
Perfumery and cosmetics	8,775,561
Subsidiary products from other industries	2,654,898
Classified products.	
Biological products (serums, vaccines, toxins, etc.) and synthetic preparations	464,275
Patent and proprietary medicines	15,646,594
Patent and proprietary compounds	7,859,460
Tinctures, fluid extracts, medicinal sirups, and other liquid preparations (not patent and proprietary)	1,924,771
Pills, tablets, powders, etc. (not patent and proprietary)	4,461,279
Perfumes, cosmetics, and toilet preparations	10,095,574
All other products	1,262,282

Comparative statistics for 1914 are, for the group, 363 establishments with products valued at $15,031,507, distributed as follows: Druggists' preparations, 38 establishments, $2,000,494; patent medicines and compounds, 265 establishments, $11,470,734; and perfumery and cosmetics, 60 establishments, $1,560,279. The figures show an increase of 259.8 per cent in value of products for the group, 144.4 per cent for druggists' preparations, 121.4 per cent for patent medicines and compounds, and 462.4 per cent for perfumery and cosmetics.

Soap (Table 33).—This table shows the quantities and values of the principal materials and the products of the soap industry in the state in 1919, 1914, and 1909. The table shows a large production of soap by establishments engaged primarily in the manufacture of other products, for which the statistics of materials used are not available.

TABLE 33.—SOAP: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost[1]	$19,483,908	$15,252,893	$13,948,160
Animal fats, tallow, grease, etc:			
Pounds	63,456,414	77,759,488	54,546,522
Cost	$7,578,897	$4,736,142	$3,225,011
Coconut and palm-kernel oil:			
Gallons	2,981,626	2,550,332	2,174,700
Cost	$3,508,587	$1,903,059	$1,084,613
Cottonseed oil:			
Gallons	512,623	1,927,981	1,565,800
Cost	$719,360	$917,258	$576,624
Other vegetable oils:			
Gallons	744,738	(2)	(2)
Cost	$865,188	(2)	(2)
Resin:			
Pounds	11,101,057	16,272,793	18,272,898
Cost	$684,433	$419,697	$423,829
Caustic soda:			
Tons (2,000 lbs.)	9,082	9,719	8,022
Cost	$487,439	$304,430	$335,312
Soda ash:			
Tons (2,000 lbs.)	9,205	14,984	15,640
Cost	$265,733	$216,954	$288,647
All other materials, including fuel and rent of power, cost	$5,374,271	$6,755,353	$8,014,124
PRODUCTS.			
Total value	$39,458,378	$24,919,259	$20,212,509
The soap industry	$25,733,832	$21,420,035	$20,180,799
Subsidiary soap products from other industries	$13,724,546	$3,499,224	$31,710
Hard soaps:			
Quantity, pounds	406,661,000	337,886,000	254,017,000
Tallow soap	96,687,000	134,026,000	158,717,000
Olein soap	13,384,000	2,763,000	2,070,000
Foots soap	5,281,000	6,934,000	4,050,000
Toilet soaps	50,149,000	46,514,000	32,888,000
Dye soaps	887,000	(3)	(3)
Powdered soaps (sold as such)[4]	121,798,000	71,702,000	56,009,000
Soap chips	47,756,000	27,972,000	283,000
Other hard soaps	70,719,000	47,975,000	
Value	$34,892,993	$17,904,726	$13,066,420
Soft soap:			
Pounds	7,498,000	8,329,000	10,292,000
Value	$538,516	$205,759	$216,031
Liquid soap:			
Pounds	1,289,000	(3)	(3)
Value	$145,008	(3)	(3)
Special soap articles, value	$229,931	$111,782	$36,002
Glycerin:			
Crude, sold as such—			
Pounds	1,067,916	1,197,850	6,256,607
Value	$189,580	$217,737	$876,871
Refined—			
Pounds	5,885,827	5,242,896	
Value	$1,265,612	$1,124,704	
All other products, value	$2,196,738	$5,354,551	$6,017,185

[1] Does not include materials consumed in soap manufacture by establishments making soap as a subsidiary product.
[2] Included with "All other materials."
[3] Not reported separately.
[4] Includes 12,451,900 pounds reported as "scouring powders and cleansers," in 1919, valued at $540,898.

For the census period 1909 to 1914, the increase in quantity production was 31 per cent, and in value 36.3 per cent, while the production in 1919 as compared with 1914 shows an increase of 20 per cent in quantity and 96.4 per cent in value. This refers to hard, soft, and liquid soaps.

Boots and shoes (Tables 34 and 35).—Table 34 gives the number of pairs and value of boots, shoes, slippers, etc., manufactured in the state of Illinois in 1919, 1914, and 1909.

The number of pairs of boots and shoes reported in 1919 for women, misses, and children in the state shows a large increase over the number reported in 1914 and 1909. Other kinds, including slippers, etc., show a decrease. The gain in the state for all kinds of footwear in 1919 was 2,345,850 pairs, or 28.3 per cent, over 1914 and about the same percentage of gain over 1909. Aggregate value of products increased by $22,510,757, or 133.3 per cent, in 1919, compared with 1914, and by $24,290,894, or 160.7 per cent, compared with 1909. Values of the different classes of footwear were not reported in 1909.

TABLE 34.—BOOTS AND SHOES, BY CLASSES: 1919, 1914, AND 1909.

CLASS.	NUMBER OF PAIRS AND VALUE.		
	1919	1914	1909
Aggregate value	$39,402,383	$16,891,626	[1] $15,111,489
Boots and shoes:			
Total number of pairs	10,145,473	7,370,553	6,893,731
Total value	$38,242,922	$16,123,756	.....
Men's—			
Number of pairs	3,576,329	3,934,629	4,018,016
Value	$19,655,921	$10,725,954	.....
Boys' and youths'—			
Number of pairs	904,153	1,058,239	1,270,520
Value	$2,780,898	$1,602,375	.....
Women's—			
Number of pairs	3,013,743	1,625,866	1,034,470
Value	$10,385,995	$2,844,397	.....
Misses' and children's—			
Number of pairs	2,651,348	751,819	570,725
Value	$5,420,108	$951,030	.....
Slippers:			
Total number of pairs	23,880	246,835	274,697
Total value	$37,450	$317,566	.....
Men's, boys', and youths'—			
Number of pairs	13,380	49,140	112,900
Value	$21,475	$49,732	.....
Women's, misses', and children's—			
Number of pairs	10,500	197,695	161,797
Value	$15,975	$267,834	.....
Infants' shoes and slippers:			
Number of pairs	330,986	545,169	1,002,277
Value	$152,649	$252,485	.....
All other footwear:			
Number of pairs	138,170	130,102	125,100
Value	$289,779	$31,665	.....
All other products, including amount received for work done for others, value	$679,583	$166,154	.....

[1] Total value only, reported in 1909.

Table 35 gives the number of pairs of boots and shoes, and all other footwear, classified according to method of manufacture.

Over 90 per cent of the boots and shoes manufactured in the state of Illinois were of the welted and McKay types. About the same proportions of each type were produced, there being a few more welted reported than McKay. Turned and wood or metal fastened types are combined, to avoid disclosure of the operations of individual establishments. They formed but 8 per cent of the total footwear produced in the state in 1919.

TABLE 35.—BOOTS AND SHOES—NUMBER OF PAIRS, BY METHOD OF MANUFACTURE: 1919 AND 1914.

CLASS.	Census year.	Total.	Welted.	McKay.	Turned and wood or metal fastened.
Boots and shoes	1919	10,145,573	4,833,718	4,439,710	812,145
	1914	7,370,553	3,715,554	3,454,942	200,057
Men's	1919	3,576,329	3,297,320	[1] 279,009	.....
	1914	3,934,629	3,212,273	540,674	181,682
Boys' and youths'	1919	904,153	356,586	[1] 547,567	.....
	1914	1,058,239	15,710	1,042,529	.....
Women's, misses', and children's.	1919	5,665,091	1,239,812	3,613,134	812,145
	1914	2,377,685	487,571	1,871,739	18,375
All other footwear	1919	493,036	.....	[2] 240,770	252,266
	1914	922,106	277,738	325,531	318,837

[1] Includes "Turned and wood or metal fastened." [2] Includes "Welted."

Musical instruments, pianos and organs and materials (Table 36).—This table shows for 1919, 1914, and 1909 the number and value of the different kinds of pianos and organs manufactured, and the value of the organ and piano materials made by establishments not engaged primarily in the production of complete instruments.

TABLE 36.—MUSICAL INSTRUMENTS, PIANOS AND ORGANS AND MATERIALS: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	$36,255,055	$19,705,601	$19,176,328
Pianos:			
Number	93,683	93,626	108,283
Value	$25,034,422	$14,562,820	$14,783,394
Upright—			
Without player—			
Number	36,515	74,023	103,433
Value	$7,415,565	$9,588,328	$13,226,811
With player [1]—			
Number	54,241	18,870	4,470
Value	$16,325,968	$4,688,789	$1,419,660
Grand—			
Baby—			
Without player [2]—			
Number	1,497	[3] 733	[3] 380
Value	$804,186	[3] $285,703	[3] $136,923
Parlor—			
Without player [4]—			
Number	474	.....	.....
Value	$215,680	.....	.....
Concert [5]—			
Without player—			
Number	956	.....	.....
Value	$273,023	.....	.....
Organs:			
Number	8,562	13,095	28,798
Value	$1,493,598	$1,448,429	$1,281,415
Pipe—			
Number	166	589	154
Value	$632,792	$908,386	$307,632
Reed—			
Number	7,765	12,506	28,644
Value	$434,760	$540,043	$973,783
Orchestrions—			
Number	631	(6)	(6)
Value	$426,046	(6)	(6)
Player attachments and actions, value	$255,267	(6)	(6)
Parts, materials, and supplies, value	$4,760,733	$2,909,667	$2,820,575
All other products, value	$4,711,035	$784,685	$290,944

[1] Includes "player reproducing" in 1919.
[2] Includes "baby player" and "baby reproducing" in 1919.
[3] Includes "parlor" and "concert grand."
[4] Includes "parlor player" and "parlor reproducing" in 1919.
[5] Includes "automatic" and "electric" in 1919.
[6] Not shown separately in 1914 and 1909.

From 1914 to 1919 the industry as a whole shows an increase in value of products of $16,549,454, or 84 per cent. The manufacture of pianos during this five-year period, although showing a gain of only one-tenth of 1 per cent in number, shows an increase of $10,471,602, or 71.9 per cent, in their value. The increase in the value of pianos is wholly in pianos with player.

Except for the high prices prevailing in 1919, as compared with 1914, the organ industry would show a great loss in value of products, in place of an increase of $45,169, or 3.1 per cent. The number of organs manufactured decreased 4,533, or 34.6 per cent.

Chemicals (Table 37).—This table presents the statistics of products for the chemical industries for 1919. The production, valued at $41,836,545, comprises all products reported by 45 establishments engaged primarily in the manufacture of chemicals, including coal-tar products and sulphuric, nitric, and mixed acids, aggregating $29,192,755, and chemicals to the amount of $12,643,790 manufactured by establishments included under other industry classifications. The item of "Other chemicals" includes a large production of coal-tar origin.

In 1914 there were 28 establishments in the classified industries, including 26 with products valued at $8,618,118 and 2 establishments engaged primarily in the manufacture of sulphuric, nitric, and mixed acids, for which products were not reported separately. The output of the 26 establishments in 1914 is comparable with 42 establishments and products valued at $24,136,171 in 1919. Thus an increase of 62 per cent in number of establishments and 180.1 per cent in value of products is shown in the 1919 figures.

TABLE 37.—CHEMICAL INDUSTRIES: 1919.

	1919
Products, total value	$41,836,545
The classified industries:	
Chemicals	22,060,803
Coal-tar products	2,075,368
Sulphuric, nitric, and mixed acids	5,056,584
Subsidiary chemical products from other industries	12,643,790
Acids	8,242,776
Sodas, sodium and compounds	1,837,596
Alums, aluminum and compounds	10,734,636
Compressed and liquefied gases	1,307,290
Other chemicals	18,937,985
All other products	686,262

Laundries (Table 38).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 38, however, summarizes the statistics for such laundries in the state of Illinois for 1919 and 1914.

TABLE 38.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	470	461	2.0
Persons engaged	12,189	12,470	−2.3
Proprietors and firm members	405	437	−7.3
Salaried employees	1,205	1,029	17.1
Wage earners (average number)	10,579	11,004	−3.9
Primary horsepower	14,833	13,472	10.1
Capital	$12,627,971	$8,401,995	50.3
Salaries and wages	9,983,147	6,624,805	50.7
Salaries	2,087,158	1,150,466	81.4
Wages	7,895,989	5,474,339	44.2
Paid for contract work	173,575	82,215	111.1
Rent and taxes	619,265	378,047	63.8
Cost of materials	4,942,918	2,638,683	87.3
Amount received for work done	20,606,032	12,846,432	60.4

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

Dyeing and cleaning (Table 39).—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.

TABLE 39.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	159
Persons engaged	2,119
Proprietors and firm members	133
Salaried employees	353
Wage earners (average number)	1,633
Primary horsepower	2,165
Capital	$2,601,186
Salaries and wages	2,421,715
Salaries	612,619
Wages	1,809,096
Paid for contract work	25,495
Rent and taxes	198,289
Cost of materials	1,249,966
Amount received for work done	5,298,935

Custom sawmills and custom gristmills (Tables 40 and 41).—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 40 and 41, 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 40.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	98	123	−20.3
Persons engaged	164	305	−46.2
Proprietors and firm members	125	149	−16.1
Salaried employees	1	.....	.....
Wage earners (average number)	38	156	−75.6
Primary horsepower	1,841	2,244	−18.0
Capital	$127,332	$139,731	−8.9
Salaries and wages	26,868	38,784	−30.7
Salaries	383	.....	.....
Wages	26,485	38,784	−31.7
Rent and taxes	1,106	1,040	6.3
Cost of materials	18,042	2,699	568.5
Amount received for work done	82,296	117,443	−29.9

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

TABLE 41.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	120	157	−23.6
Persons engaged	195	311	−37.3
Proprietors and firm members	148	206	−28.2
Salaried employees	2	4	.....
Wage earners (average number)	45	101	−55.4
Primary horsepower	3,816	5,577	−31.6
Capital	$781,893	$628,452	24.4
Salaries and wages	43,132	42,296	2.0
Salaries	1,436	1,909	−24.8
Wages	41,696	40,387	3.2
Rent and taxes	9,827	5,934	65.6
Cost of materials [2]	2,618,972	2,062,502	27.0
Value of products [2]	3,193,058	2,340,542	36.4

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

GENERAL TABLES.

Table 42 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 the cities of Chicago, East St. Louis, Peoria, Rockford, and Springfield, 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 43 presents, for 1919, for the state as a whole and for Chicago, East St. Louis, Peoria, Rockford, and Springfield 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 42.—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 of dollars.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	18,593	653,114	1,660,918	801,087	3,488,270	5,425,245
	1914	18,388	506,943	1,305,930	340,910	1,340,183	2,247,323
	1909	18,026	465,764	1,013,071	273,319	1,160,927	1,919,277
Agricultural implements	1919	68	22,548	54,608	28,342	65,160	128,285
	1914	73	19,556	50,044	15,668	32,878	65,338
	1909	79	19,240	38,040	11,718	24,824	57,268
Automobiles, including bodies and parts.	1919	229	8,805	15,098	11,139	73,954	104,883
	1914	91	2,545	2,421	1,946	6,288	11,918
	1909	65	2,382	1,786	1,653	3,979	7,154
Babbitt metal and solder	1919	12	728	3,017	1,007	22,121	25,896
	1914	12	203	1,117	155	4,296	5,143
	1909	19	183	988	109	3,374	4,146
Bags, other than paper, not including bags made in paper mills.	1919	9	381	349	286	5,400	7,934
	1914	9	275	292	141	2,326	2,876
	1909	6	189	157	175	685	965
Baking powders and yeast.	1919	14	922	6,058	943	8,940	15,682
	1914	19	628	3,022	383	3,467	8,455
	1909	24	657	1,189	346	3,261	7,632
Blacking and cleansing and polishing preparations.	1919	86	528	559	512	3,230	6,287
	1914	73	256	329	141	719	1,304
	1909	58	236	336	123	569	1,230
Boots and shoes, including cut stock and findings.	1919	63	8,421	6,078	6,499	30,430	46,389
	1914	57	6,397	3,434	3,373	12,141	18,407
	1909	53	5,792	2,770	3,143	10,869	16,755
Boxes, paper and other, not elsewhere specified.	1919	87	5,923	8,195	5,171	15,556	28,893
	1914	80	4,586	5,600	2,158	5,173	9,741
	1909	61	4,085	4,143	1,501	3,012	6,350
Brass, bronze, and copper products.	1919	90	3,174	5,847	3,856	15,690	25,107
	1914	75	1,502	2,698	1,109	5,240	7,570
	1909	79	1,688	1,859	1,136	4,148	6,842
Bread and other bakery products.	1919	2,345	12,418	13,750	14,383	61,597	102,664
	1914	2,278	10,404	9,465	6,828	23,639	45,250
	1909	2,099	8,611	5,618	5,495	21,606	36,118
Brick, tile, pottery, and other clay products.	1919	158	6,279	41,305	7,094	5,219	19,416
	1914	235	8,610	43,773	6,134	3,959	14,222
	1909	379	9,731	44,008	6,271	3,617	14,380
Butter, cheese, and condensed milk.	1919	223	1,991	8,467	2,104	49,619	58,298
	1914	267	1,755	6,184	1,079	18,236	21,792
	1909	295	1,732	6,753	942	14,267	17,798
Canning and preserving[1]	1919	132	3,680	8,299	3,178	17,833	28,341
	1914	117	2,560	7,078	1,108	6,680	10,121
	1909	118	2,383	4,305	904	4,813	7,620
Carriages and wagons and materials.	1919	107	2,692	7,621	3,238	8,134	14,863
	1914	296	4,861	12,285	3,405	8,368	15,192
	1909	325	5,852	9,684	3,588	9,479	16,831
Cars and general shop construction and repairs by electric-railroad companies.	1919	49	3,151	6,395	4,399	2,797	7,478
	1914	43	1,813	1,845	1,387	1,527	3,181
	1909	30	2,240	2,225	1,395	1,807	3,451
Cars and general shop construction and repairs by steam-railroad companies.	1919	133	40,219	54,852	55,601	39,801	103,219
	1914	94	28,682	36,781	20,433	18,318	41,496
	1909	73	23,131	20,740	15,288	15,233	32,229
Cars, steam-railroad, not including operations of railroad companies.	1919	19	13,775	32,429	20,340	82,428	125,218
	1914	23	18,000	37,622	15,686	40,429	61,316
	1909	28	10,945	18,651	7,824	15,336	27,001
Cash registers and calculating machines.	1919	11	1,855	1,383	2,281	1,554	7,354
	1914	10	514	587	350	100	1,368
Cement	1919	5	1,123	24,700	1,463	3,975	8,283
	1914	6	1,467	23,986	1,184	2,859	6,468
	1909	6	1,395	15,270	855	1,619	4,088
Chemicals	1919	33	3,004	23,393	3,837	12,003	22,061
	1914	26	1,682	8,590	1,164	5,260	8,618
	1909	22	843	5,917	536	2,915	4,683
Clothing, men's, including shirts.	1919	532	33,738	6,657	44,630	93,609	201,816
	1914	604	35,119	5,142	20,019	41,310	89,144
	1909	715	36,152	3,729	16,580	45,228	89,473
Clothing, women's	1919	398	10,278	2,092	11,487	41,136	68,044
	1914	241	8,113	1,163	4,530	11,219	20,751
	1909	221	6,151	804	3,152	9,214	16,635
Coffee and spice, roasting and grinding.	1919	32	1,205	2,389	1,210	29,692	38,189
	1914	34	1,193	3,152	576	17,094	22,045
	1909	35	1,018	2,709	525	15,114	19,751
Coffins, burial cases, and undertakers' goods.	1919	25	1,016	1,568	973	2,613	5,787
	1914	21	802	1,359	527	1,307	2,705
	1909	21	732	1,071	406	982	2,260
Coke, not including gas-house coke.	1919	4	1,396	9,915	2,400	12,628	16,837
	1914	3	1,178	13,054	942	5,828	7,840
Confectionery and ice cream.	1919	462	8,779	14,379	8,367	41,096	73,097
	1914	332	5,829	10,091	2,871	14,905	27,061
Cooperage and wooden goods, not elsewhere specified.	1919	55	1,617	4,003	1,940	8,081	12,397
	1914	61	1,921	4,730	1,096	4,596	6,593
	1909	80	2,388	5,247	1,127	4,479	6,611
Copper, tin, and sheet-iron products.[2]	1919	441	10,609	12,692	11,884	39,790	65,257
	1914	508	7,445	7,340	4,853	13,825	24,815
	1909	483	7,473	5,510	4,815	13,193	22,823
Cordials and flavoring sirups.	1919	10	81	829	132	4,026	6,063
	1914	9	42	659	24	809	2,016
Corsets	1919	22	2,273	484	1,534	4,703	9,232
	1914	19	1,974	341	715	2,063	3,979
	1909	16	1,502	541	525	1,195	2,711
Cutlery and tools, not elsewhere specified.	1919	132	3,962	7,791	4,815	5,711	15,892
	1914	84	1,631	4,982	1,032	1,177	3,297
	1909	80	1,393	2,385	760	1,072	2,758
Electrical machinery, apparatus, and supplies.	1919	161	27,290	32,660	30,571	51,626	119,528
	1914	142	16,483	21,140	12,366	19,379	45,667
	1909	143	9,641	11,636	6,413	13,628	26,826
Fertilizers	1919	12	953	3,090	755	3,723	6,160
	1914	12	696	3,739	398	2,350	3,775
	1909	11	444	2,145	225	1,425	2,386
Flour-mill and gristmill products.	1919	322	2,740	37,118	2,926	103,165	116,563
	1914	406	2,308	35,793	1,456	42,841	49,493
	1909	461	2,464	38,472	1,271	45,590	51,111

[1] Includes "pickles, preserves, and sauces."

[2] Includes "stamped and enameled ware, not elsewhere specified," and "tinware, not elsewhere specified."

TABLE 42.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

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

INDUSTRY.	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.)
Food preparations, not elsewhere specified.	1919	134	4,061	18,767	4,162	80,431	94,240
	1914	115	1,790	7,772	1,006	12,751	17,620
	1909	116	1,350	5,070	672	7,196	10,403
Foundry and machine-shop products.[1]	1919	2,009	83,114	172,913	106,504	189,859	421,969
	1914	1,371	55,261	109,543	37,968	60,606	141,329
	1909	1,178	52,266	92,831	33,157	63,810	138,579
Fur goods	1919	123	670	158	1,099	4,612	8,113
	1914	84	300	141	219	870	1,605
	1909	63	319	59	230	1,071	1,929
Furnishing goods, men's	1919	34	1,596	983	1,007	4,755	8,535
	1914	44	2,078	677	823	3,282	5,063
	1909	44	1,955	745	796	3,626	5,633
Furniture and refrigerators.	1919	295	12,603	23,922	14,468	28,577	61,969
	1914	283	13,766	26,039	8,901	15,713	33,000
	1909	267	13,575	20,875	8,100	12,501	27,900
Gas and electric fixtures and lamps and reflectors.	1919	67	2,638	2,550	2,501	5,778	11,833
	1914	76	2,078	2,081	1,382	3,040	6,158
	1909	78	2,090	1,883	1,184	2,694	5,797
Gas, illuminating and heating.	1919	70	4,430	21,912	5,372	17,892	36,930
	1914	75	3,890	31,058	2,659	8,035	28,171
	1909	78	6,301	18,385	2,967	6,210	21,052
Glass	1919	14	4,065	10,594	3,741	5,559	18,245
	1914	10	3,764	9,685	2,692	2,808	7,680
	1909	11	3,507	6,638	2,182	1,541	5,047
Gloves and mittens, leather.	1919	31	1,239	376	1,024	3,074	5,423
	1914	28	1,371	797	646	1,687	2,774
	1909	29	1,309	657	519	1,478	2,523
Glue, not elsewhere specified.	1919	11	1,583	7,477	1,547	4,940	9,157
	1914	9	968	3,316	614	2,385	3,731
	1909	9	946	5,093	481	1,887	3,776
House-furnishing goods, not elsewhere specified.	1919	51	843	1,247	701	3,974	6,337
	1914	46	506	698	254	1,522	3,079
	1909	27	292	376	131	801	1,379
Ice, manufactured	1919	154	1,681	41,110	2,226	2,515	10,093
	1914	128	1,312	26,183	970	1,005	3,389
	1909	83	804	13,288	534	442	1,928
Instruments, professional and scientific.	1919	33	3,621	3,048	4,258	5,983	14,881
	1914	30	1,104	1,065	814	1,121	3,970
	1909	25	438	375	287	555	1,769
Iron and steel, blast furnaces.	1919	5	2,129	80,118	3,847	51,527	64,762
	1914	5	1,450	94,160	1,348	21,794	25,862
	1909	6	2,493	70,453	1,793	30,908	38,300
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1919	13	906	1,463	1,031	3,069	6,109
	1914	8	470	1,019	299	769	1,283
	1909	11	877	1,513	437	1,013	1,955
Iron and steel forgings, not made in steel works or rolling mills.	1919	24	2,328	10,737	3,182	8,076	15,207
	1914	17	750	2,883	610	1,131	2,061
	1909	17	794	2,779	590	1,364	2,520
Iron and steel, steel works and rolling mills.	1919	32	20,177	242,227	34,964	100,319	173,345
	1914	25	15,408	178,709	12,968	39,938	64,995
	1909	24	17,584	152,470	12,962	56,244	86,608
Jewelry	1919	78	992	455	1,301	2,637	6,082
	1914	100	992	585	795	1,255	3,264
	1909	67	990	367	650	1,264	2,780
Knit goods	1919	58	5,095	3,644	3,809	11,701	20,460
	1914	46	3,535	2,531	1,546	4,067	7,367
	1909	43	2,913	3,452	1,116	3,232	5,947
Leather goods [2]	1919	295	2,838	1,857	3,276	10,824	18,624
	1914	304	2,325	2,067	1,486	4,538	7,982
	1909	168	2,949	2,200	1,633	5,135	8,948
Leather, tanned, curried, and finished.	1919	29	4,434	14,626	5,247	42,652	60,324
	1914	28	2,678	7,920	1,538	13,917	17,509
	1909	29	3,001	6,769	1,582	12,131	14,912
Liquors, malt	1919	61	2,796	37,401	3,783	7,139	27,323
	1914	89	5,749	34,847	5,372	10,406	39,436
	1909	106	4,398	27,900	3,473	7,033	28,449
Looking-glass and picture frames.	1919	60	1,944	2,112	2,091	2,743	7,160
	1914	59	1,741	1,577	1,031	1,582	3,837
	1909	68	2,076	2,180	1,126	1,774	4,509
Lumber and timber products.[3]	1919	521	11,488	42,797	12,541	34,664	61,104
	1914	618	14,870	45,745	9,747	24,124	42,064
	1909	814	16,567	52,015	9,110	27,264	44,952
Malt	1919	10	378	7,211	547	6,238	8,020
	1914	14	438	7,724	426	9,185	11,133
	1909	12	377	6,405	305	7,460	9,543
Marble and stone work	1919	247	1,081	6,089	1,498	3,512	7,443
	1914	312	1,975	6,381	1,056	2,576	6,176
	1909	278	2,226	5,003	1,766	3,030	6,771
Mattresses and spring beds, not elsewhere specified.	1919	72	1,571	2,008	1,588	4,847	8,725
	1914	86	1,018	1,435	546	2,126	3,670
	1909	86	831	849	448	1,634	2,860
Millinery and lace goods, not elsewhere specified.	1919	121	4,830	1,262	4,466	10,729	19,849
	1914	102	3,323	1,130	1,804	5,019	9,222
	1909	103	3,328	549	1,384	3,797	7,282
Mineral and soda waters	1919	275	719	1,471	770	2,388	5,232
	1914	287	836	1,484	614	1,128	2,784
	1909	276	885	1,620	538	1,060	3,047
Musical instruments, pianos and organs and materials.	1919	52	8,575	10,475	9,118	15,538	36,255
	1914	71	8,334	8,597	5,237	8,321	19,706
	1909	68	8,777	8,123	5,009	8,642	19,176
Oil, not elsewhere specified.	1919	16	101	463	123	3,945	5,865
	1914	7	21	60	14	319	566
	1909	11	23	82	17	379	608
Paint and varnish	1919	83	3,178	14,012	3,22[illegible]	37,502	54,787
	1914	72	2,110	9,908	1,301	15,476	24,488
	1909	74	1,792	7,108	1,114	12,902	20,434
Paper and wood pulp	1919	19	1,831	22,438	2,130	9,212	14,357
	1914	21	1,704	24,613	1,118	4,265	6,952
	1909	19	1,397	15,169	727	3,099	4,983
Paper goods, not elsewhere specified.[4]	1919	40	2,063	2,231	1,812	6,779	13,012
	1914	46	1,570	1,374	778	2,530	4,693
	1909	46	1,317	869	546	1,997	3,779
Patent medicines and compounds and druggists' preparations.[5]	1919	314	2,812	3,905	2,436	16,789	39,059
	1914	363	1,844	2,573	1,066	5,097	15,032
	1909	359	1,869	3,234	805	4,413	13,114
Petroleum, refining	1919	13	2,448	5,106	3,484	54,053	64,549
	1914	9	1,072	2,607	899	12,408	16,893
	1909	7	312	1,185	232	3,980	6,135
Photographic apparatus and materials.	1919	25	1,079	1,231	1,027	2,467	5,189
	1914	18	499	672	327	646	1,315
	1909	13	284	430	157	318	740
Printing and publishing[6]	1919	2,647	36,537	40,987	43,830	79,308	219,331
	1914	2,722	32,838	33,503	24,048	33,278	112,833
	1909	2,608	28,644	26,975	18,437	24,680	87,247
Roofing materials	1919	25	2,722	9,425	3,120	17,518	27,561
	1914	23	862	1,766	579	4,319	6,644
	1909	17	322	663	192	2,050	3,375
Screws, machine	1919	24	1,811	3,128	2,085	2,598	6,617
	1914	9	567	1,045	373	439	1,028
Sewing machines and attachments.	1919	5	1,960	2,413	2,306	2,377	7,167
	1914	7	1,717	2,615	850	1,055	3,548
	1909	6	1,602	2,233	1,061	1,070	3,509
Signs and advertising novelties.	1919	109	1,883	1,383	1,665	3,026	8,247
	1914	150	2,176	1,888	1,404	1,824	6,045
	1909	51	1,290	781	750	985	3,271
Slaughtering and meat packing.[7]	1919	126	54,975	88,106	81,160	1,150,463	1,294,167
	1914	98	31,627	67,519	19,532	412,015	489,230
	1909	109	26,705	56,651	14,602	343,976	389,595
Smelting and refining, zinc.	1919	7	4,224	19,796	4,994	18,453	24,954
	1914	8	3,573	16,253	2,571	14,200	18,421
	1909	5	1,922	7,485	1,275	6,496	9,004
Smelting and refining, not from the ore.	1919	17	479	1,610	637	9,316	11,233
	1914	17	282	1,337	190	3,516	4,587
	1909	11	369	1,763	207	3,234	3,930

[1] Includes "automobile repairing"; "bells"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "hardware, saddlery"; "iron and steel, tempering and welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts," in all years; and "iron and steel, cast-iron pipe," in 1914.

[2] Includes "pocketbooks"; "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] Includes "cardboard, not made in paper mills" and "envelopes."

[5] Includes "perfumery and cosmetics."

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

[7] Includes "sausage, not made in slaughtering and meat-packing establishments."

TABLE 42.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

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.)
Soap	1919	29	2,270	2,578	2,366	19,484	25,734
	1914	27	2,144	6,108	1,255	15,253	21,420
	1909	34	2,188	5,155	1,053	13,948	20,181
Springs, steel, car and carriage, not made in steel works or rolling mills.	1919	12	1,104	1,797	1,134	3,725	6,937
	1914	7	488	1,293	323	658	1,400
	1909	5	459	1,151	268	652	1,380
Stationery goods, not elsewhere specified.	1919	32	1,668	1,366	1,550	3,230	8,951
	1914	23	467	440	290	875	2,042
	1909	21	811	804	376	1,043	2,275
Stoves and furnaces, including gas and oil stoves.	1919	69	5,512	7,518	7,284	10,684	26,539
	1914	70	3,917	5,180	2,859	4,191	10,203
	1909	71	4,499	4,983	2,957	3,856	10,287
Tobacco, cigars and cigarettes.	1919	1,182	3,363	76	2,976	5,338	11,827
	1914	1,578	6,457	143	3,924	5,082	13,320
	1909	1,896	6,919	64	3,741	4,988	13,631
Wall paper, not made in paper mills.	1919	9	954	2,236	909	3,328	5,703
	1914	5	544	1,062	335	1,281	2,254
	1909	5	290	492	173	702	1,367
Washing machines and clothes wringers.	1919	21	1,747	1,230	2,139	8,574	14,436
	1914	18	247	296	150	623	1,137
	1909	13	80	70	53	173	432
Window shades and fixtures.	1919	59	1,344	3,079	1,092	7,969	11,261
	1914	47	918	2,102	544	3,632	4,951
	1909	36	778	1,240	434	3,163	4,665
Wire	1919	10	2,775	19,554	4,605	18,447	29,855
	1914	9	2,763	17,006	2,058	9,872	15,219
	1909	7	2,516	12,380	1,758	11,001	16,579
Wirework, not elsewhere specified.	1919	49	821	1,390	871	4,070	6,958
	1914	51	886	1,677	555	3,421	4,682
	1909	60	724	1,655	358	2,687	3,321
All other industries	1919	2,191	71,504	174,780	81,165	346,024	585,782
	1914	2,153	49,450	115,103	32,359	136,501	264,437
	1909	2,273	53,761	90,837	28,562	152,432	263,275

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.)
CHICAGO All industries.	1919	10,537	403,942	825,972	507,754	2,379,242	3,657,424
	1914	10,115	313,710	681,114	213,737	901,933	1,483,498
	1909	9,656	293,977	525,236	176,973	790,609	1,281,171
Automobiles, including bodies and parts.	1919	149	4,900	5,493	6,414	49,935	69,545
	1914	65	1,429	1,612	1,107	2,155	4,700
	1909	41	1,460	734	1,131	1,707	3,940
Boots and shoes, including cut stock and findings.	1919	40	3,871	2,576	3,658	15,341	23,879
	1914	41	3,936	2,022	2,357	7,523	11,663
	1909	31	3,027	1,103	1,920	6,045	9,855
Boxes, paper and other, not elsewhere specified.	1919	70	4,489	3,706	3,950	9,760	19,251
	1914	67	3,756	2,148	1,700	3,325	6,945
	1909	48	3,609	1,575	1,311	2,232	5,044
Brass, bronze, and copper products.	1919	72	2,519	3,460	3,104	12,893	20,422
	1914	59	1,222	2,153	897	4,381	6,314
	1909	56	1,167	1,099	810	3,266	5,131
Bread and other bakery products.	1919	1,338	9,413	9,429	11,193	45,104	77,542
	1914	1,305	7,680	6,543	5,091	17,418	34,217
	1909	1,177	6,437	3,847	4,146	16,280	26,908
Butter	1919	6	163	454	193	4,383	4,886
	1914	7	67	233	42	1,097	1,347
	1909	5	68	159	48	1,089	1,394
Carriages and wagons, including repairs.	1919	49	1,210	3,143	1,574	4,233	7,117
	1914	127	1,735	4,581	1,295	2,541	4,989
	1909	117	1,933	3,003	1,233	2,482	5,015
Cars and general shop construction and repairs by steam-railroad companies.	1919	26	15,746	25,759	21,252	16,525	41,589
	1914	23	11,835	13,150	8,260	7,089	16,688
	1909	22	11,059	7,232	7,305	7,310	15,359
Cars, steam-railroad, not including operations of railroad companies.	1919	10	10,663	26,719	15,977	49,965	77,229
	1914	12	15,539	27,052	13,923	32,389	50,931
	1909	18	8,553	14,576	6,387	11,620	20,892
Chemicals	1919	17	242	2,392	341	2,111	4,368
	1914	15	174	950	112	1,064	1,817
	1909	13	150	790	97	617	1,176
Cleansing and polishing preparations.	1919	48	348	391	367	2,251	4,604
	1914	42	89	92	52	329	614
	1909	38	66	201	38	216	491
Clothing, men's, including shirts.	1919	486	31,287	5,813	43,227	88,278	193,051
	1914	563	32,400	4,292	19,042	38,440	84,340
	1909	678	33,615	2,916	18,638	39,907	85,296
Clothing, women's	1919	374	9,147	1,671	10,787	38,813	64,203
	1914	227	7,330	1,051	4,260	10,380	19,211
	1909	204	5,615	693	2,997	8,658	15,677
Coffins, burial cases, and undertakers' goods.	1919	14	762	1,129	785	2,008	4,620
	1914	13	654	1,100	440	1,071	2,262
	1909	13	576	828	339	764	1,838
Confectionery and ice cream.	1919	191	7,245	10,461	7,204	34,199	61,577
	1914	131	4,863	7,505	2,407	12,476	22,980
Cooperage and wooden goods, not elsewhere specified.	1919	24	1,069	2,483	1,415	5,618	8,726
	1914	34	1,186	2,229	662	2,660	3,839
	1909	37	1,166	1,984	601	2,188	3,368
CHICAGO—Con. Copper, tin, and sheet-iron products.[1]	1919	254	6,330	5,864	7,237	21,826	38,015
	1914	293	3,998	3,196	2,774	7,214	13,236
	1909	268	3,859	2,859	2,472	6,463	12,242
Cutlery and tools, not elsewhere specified.	1919	103	3,387	5,845	4,123	4,820	13,400
	1914	56	1,150	2,098	706	706	2,170
	1909	53	982	1,499	554	680	1,895
Electrical machinery, apparatus, and supplies.	1919	140	13,889	14,840	14,756	37,205	78,348
	1914	125	5,508	4,849	3,648	7,152	17,568
	1909	123	6,096	6,443	3,860	11,405	20,669
Fancy articles, not elsewhere specified.[2]	1919	54	909	224	735	2,397	4,344
	1914	46	684	419	447	1,203	2,344
	1909	40	438	210	218	568	1,289
Food preparations, not elsewhere specified.	1919	99	2,838	7,720	2,914	47,796	57,055
	1914	74	1,141	2,699	620	7,473	10,948
	1909	77	798	1,482	399	4,052	5,965
Foundry and machine-shop products.[3]	1919	903	44,386	85,320	57,386	103,539	230,419
	1914	707	31,404	59,471	22,342	36,064	85,359
	1909	669	31,055	54,876	20,490	40,755	89,669
Fur goods	1919	120	654	152	1,077	4,576	8,019
	1914	84	300	141	219	870	1,605
	1909	59	308	59	225	1,060	1,903
Furnishing goods, men's	1919	27	917	604	806	3,982	6,703
	1914	30	1,020	472	544	2,265	3,580
	1909	26	1,336	530	640	3,061	4,773
Furniture	1919	222	8,627	14,840	9,725	18,582	41,612
	1914	212	9,733	18,561	6,357	10,735	23,350
	1909	196	9,712	14,196	5,917	8,959	20,168
Gas and electric fixtures	1919	34	1,097	1,433	1,181	2,802	5,540
	1914	43	1,254	1,317	899	2,021	4,075
	1909	47	1,434	956	815	1,859	4,100
House-furnishing goods, not elsewhere specified.	1919	44	741	1,128	628	3,804	6,024
	1914	40	495	688	251	1,512	3,054
Ice, manufactured	1919	33	563	21,099	972	971	4,988
	1914	18	448	10,732	408	455	1,334
	1909	6	206	3,024	153	126	569
Iron and steel forgings, not made in steel works or rolling mills.	1919	12	1,142	5,202	1,520	4,573	8,076
	1914	10	468	1,699	398	728	1,289
	1909	11	683	1,609	541	1,238	2,289
Jewelry	1919	72	976	429	1,285	2,603	6,015
	1914	89	929	514	751	1,212	3,136
	1909	55	910	294	606	1,218	2,635
Knit goods	1919	38	1,517	870	1,080	3,331	6,023
	1914	33	1,089	468	484	1,262	2,325
	1909	29	743	167	289	783	1,477
Leather goods [4]	1919	134	2,136	1,364	2,496	7,459	13,382
	1914	175	1,703	1,142	1,087	3,021	5,463
	1909	99	2,178	804	1,174	3,280	5,861
Leather, tanned, curried, and finished.	1919	26	3,666	11,049	4,310	34,265	50,520
	1914	24	2,311	7,128	1,333	12,512	15,663
	1909	24	2,674	6,212	1,418	10,788	13,244

[1] Includes "stamped and enameled ware, not elsewhere specified," and "tinware, not elsewhere specified."
[2] Includes "combs and hairpins, not made from metal or rubber," and "ivory, shell, and bone work."
[3] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "hardware, saddlery"; "iron and steel, tempering and welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "pumps, steam and other power"; "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; "bells," in 1914 and 1909; and "iron and steel, cast-iron pipe," in 1914.
[4] Includes "pocketbooks"; "saddlery and harness"; and "trunks and valises."

TABLE 42.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

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.)
CHICAGO—Con.							
Liquors, malt	1919	27	1,890	16,515	2,739	5,279	20,573
	1914	37	3,973	22,156	3,978	7,599	28,933
	1909	45	2,867	15,666	2,378	4,850	19,512
Looking-glass and picture frames.	1919	50	1,937	2,107	2,082	2,709	7,087
	1914	52	1,732	1,573	1,024	1,571	3,814
	1909	61	2,063	2,176	1,118	1,764	4,476
Lumber and timber products.[1]	1919	169	6,773	22,905	7,895	23,451	40,118
	1914	207	9,022	26,128	6,267	16,813	28,711
	1909	195	10,462	25,917	6,149	20,768	32,709
Mattresses and spring beds, not elsewhere specified.	1919	50	1,454	1,764	1,479	4,426	7,992
	1914	60	890	1,080	481	1,905	3,304
	1909	58	683	495	371	1,349	2,377
Musical instruments, pianos and organs and materials.	1919	33	5,447	5,502	5,966	10,216	24,682
	1914	46	4,950	5,502	3,304	5,055	12,671
	1909	37	5,209	4,677	3,034	4,848	11,487
Paint and varnish	1919	66	2,802	12,232	2,831	34,671	50,396
	1914	60	1,959	9,175	1,201	14,310	22,811
	1909	61	1,606	5,837	996	11,845	18,942
Patent medicines and compounds and druggists' preparations.[2]	1919	239	1,833	2,024	1,836	10,679	27,763
	1914	271	1,309	1,644	788	3,199	10,809
	1909	273	1,361	2,030	632	3,216	10,360
Pickles, preserves, and sauces.	1919	46	1,353	1,973	1,169	8,637	12,825
	1914	44	987	2,781	465	3,087	4,678
	1909	41	851	1,044	369	2,186	3,398
Printing and publishing[3]	1919	1,561	30,469	32,679	38,029	71,272	194,612
	1914	1,543	26,247	25,871	20,012	29,326	97,507
	1909	1,395	22,326	20,162	15,077	21,256	74,211
Roofing materials	1919	14	1,154	2,411	1,521	9,161	13,745
	1914	12	564	1,124	405	2,868	4,511
	1909	8	206	307	123	1,497	2,461
Signs and advertising novelties.	1919	98	1,366	898	1,327	2,273	5,853
	1914	136	1,700	1,392	1,100	1,302	4,989
	1909	43	1,198	716	724	884	2,973
Slaughtering and meat packing.[4]	1919	95	46,474	68,773	71,014	965,107	1,092,908
	1914	58	26,704	57,318	16,542	345,522	410,709
	1909	67	22,064	45,629	11,985	285,250	325,062
Smelting and refining, not from the ore.	1919	14	293	540	421	8,395	9,952
	1914	13	126	255	106	2,958	3,857
	1909	7	91	168	63	2,237	2,574
Soap	1919	26	2,239	2,488	2,339	19,328	25,505
	1914	23	2,116	5,974	1,239	15,134	21,255
	1909	27	2,139	4,967	1,035	13,787	19,939
Stoves and hot-air furnaces.	1919	22	1,236	1,526	1,828	3,088	8,062
	1914	25	744	1,120	628	1,126	2,765
	1909	26	1,027	931	710	1,101	3,070
All other industries	1919	2,798	100,373	367,573	121,606	515,142	854,349
	1914	2,856	69,582	330,272	52,452	211,809	358,592
	1909	2,311	77,911	258,549	45,437	213,096	357,488
EAST ST. LOUIS—All industries.	1919	157	8,785	40,627	10,936	53,903	77,293
	1914	125	5,863	18,183	4,369	17,423	26,905
	1909	138	5,226	23,238	3,233	11,361	18,104
Bread and other bakery products.	1919	24	70	85	95	331	556
	1914	17	77	72	62	216	335
	1909	20	71	49	53	177	336
Cars and general shop construction and repairs by steam-railroad companies.	1919	7	1,142	656	1,879	1,117	3,266
	1914	6	991	730	765	370	1,276
	1909	3	628	409	457	364	847
Copper, tin, and sheet-iron work.	1919	13	29	2	36	52	123
	1914	7	18	.....	14	24	50
	1909	14	73	.....	66	82	183
Flour-mill and gristmill products.	1919	6	289	3,281	317	13,177	14,786
	1914	7	192	2,127	133	4,899	5,811
	1909	6	108	2,000	58	2,634	3,016
Tobacco, cigars	1919	8	31	.....	28	46	105
	1914	8	17	.....	11	11	29
	1909	12	11	.....	9	12	40
EAST ST. LOUIS—Con. All other industries	1919	99	7,224	36,603	8,581	39,180	58,457
	1914	80	4,568	15,254	3,384	11,903	19,404
	1909	83	4,335	20,780	2,590	8,092	13,682
PEORIA—All industries.	1919	253	7,977	25,510	8,151	35,919	57,075
	1914	283	6,285	22,881	4,144	21,289	64,689
	1909	283	5,981	16,266	3,552	17,773	63,061
Bread and other bakery products.	1919	33	288	283	232	1,238	2,148
	1914	34	275	256	158	576	1,057
	1909	39	194	172	104	482	764
Cooperage, hogsheads and barrels.	1919	3	223	805	228	962	1,474
	1914	5	288	1,103	175	876	1,176
	1909	5	514	910	172	840	1,153
Flour-mill and gristmill products.	1919	4	29	460	35	622	909
	1914	4	50	365	33	725	815
	1909	4	34	326	22	640	759
Foundry and machine-shop products.[5]	1919	29	365	749	450	915	1,498
	1914	15	195	431	152	183	439
	1909	20	420	986	315	515	1,082
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	6	138	368	153	276	562
	1914	7	159	369	127	209	437
	1909	6	166	458	120	184	398
Printing and publishing	1919	30	473	463	365	552	1,789
	1914	30	446	473	267	254	1,020
	1909	32	325	410	209	221	881
Tobacco, cigars	1919	27	177	1	124	202	430
	1914	32	264	.....	172	192	512
	1909	36	308	.....	204	240	647
All other industries	1919	121	1,693	22,381	6,564	31,152	48,265
	1914	156	4,608	19,884	3,060	18,274	59,233
	1909	141	4,020	13,004	2,406	14,651	57,377
ROCKFORD—All industries.	1919	312	14,992	33,963	18,379	36,567	74,919
	1914	265	10,472	21,039	6,645	13,414	26,371
	1909	205	9,309	16,217	5,213	10,582	22,266
Automobile repairing	1919	19	85	140	106	139	318
	1914	4	22	13	17	20	52
Bread and other bakery products.	1919	28	130	119	162	767	1,161
	1914	19	147	106	106	319	552
Confectionery and ice cream.	1919	13	121	320	99	441	733
	1914	7	34	112	20	97	154
Copper, tin, and sheet-iron work.	1919	9	20	10	29	55	104
	1914	13	27	1	17	46	97
Foundry and machine-shop products.[6]	1919	38	3,636	6,450	5,010	4,798	13,729
	1914	25	1,389	2,762	1,103	679	2,444
Furniture	1919	32	2,097	5,798	2,547	4,782	9,837
	1914	25	2,140	4,550	1,358	2,293	4,585
Knit goods	1919	5	1,712	2,184	1,793	5,517	9,728
	1914	5	1,584	1,778	777	2,111	3,907
Marble and stone work, monuments and tombstones.	1919	5	13	60	22	63	120
	1914	6	18	23	15	60	106
Printing and publishing, book and job.	1919	16	132	127	124	191	488
	1914	16	129	99	80	73	309
Printing and publishing, newspapers and periodicals.	1919	5	74	98	97	210	584
	1914	6	68	162	79	40	253
Pumps, not including power pumps.	1919	4	235	565	332	205	832
	1914	3	206	290	160	230	480
Tools, not elsewhere specified.	1919	8	74	274	93	74	334
	1914	4	29	58	23	16	57
All other industries	1919	130	6,663	17,818	7,965	19,325	36,951
	1914	132	4,679	11,085	2,890	7,430	13,375

[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] 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 "hardware"; "iron and steel, welding"; "steel barrels, drums and tanks"; and "structural ironwork, not made in steel works or rolling mills" in all years; and "automobile repairing"; "gas machines"; and "steam fittings and steam and hot-water heating apparatus" in 1919.
[6] Includes "iron and steel, welding"; "machine tools"; and "textile machinery and parts."

TABLE 42.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

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.)
SPRINGFIELD..... All industries.	1919	181	5,365	7,849	5,077	12,384	22,723
	1914	189	4,157	9,823	2,535	5,882	11,770
	1909	171	3,652	6,368	2,096	4,204	8,497
Bread and other bakery products.	1919	18	113	129	101	514	883
	1914	17	83	102	56	210	370
	1909	16	55	79	43	182	310
Cars and general shop construction and repairs by steam-railroad companies.	1919	4	397	475	634	287	971
	1914	4	327	1,020	231	155	410
Copper, tin, and sheet-iron work.	1919	15	54	7	56	77	211
	1914	14	54	63	48	62	159
	1909	10	69	32	39	90	178
Foundry and machine-shop products.	1919	12	292	895	317	1,048	2,030
	1914	11	137	593	91	207	461
	1909	10	221	794	135	255	482
SPRINGFIELD—Con. Lumber and timber products.[1]	1919	7	88	263	97	206	358
	1914	9	106	358	83	144	294
	1909	7	147	312	89	110	242
Printing and publishing..	1919	24	399	335	425	444	1,441
	1914	28	424	387	195	241	936
	1909	27	321	257	203	163	739
Tobacco, cigars.....	1919	15	65	3	47	72	201
	1914	31	120	.....	65	67	190
	1909	30	122	.....	61	73	206
All other industries.....	1919	86	3,957	5,742	3,400	9,736	16,628
	1914	75	2,906	7,300	1,766	4,796	8,950
	1909	71	2,726	4,894	1,526	3,331	6,340

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

ALTON.....	1919	60	3,236	10,032	3,111	19,775	31,037
	1914	76	2,662	8,335	1,759	8,604	12,865
	1909	69	2,429	5,453	1,528	7,262	10,096
AURORA.....	1919	133	6,608	11,429	7,687	12,684	30,039
	1914	140	4,777	7,794	3,033	5,259	10,789
	1909	165	5,095	7,906	2,936	5,580	10,954
BELLEVILLE.....	1919	141	3,160	6,212	2,896	7,680	14,017
	1914	129	2,450	4,447	1,410	2,906	5,727
	1909	119	1,872	4,541	1,062	2,324	4,615
BLOOMINGTON.....	1919	83	2,818	6,196	2,396	5,567	11,520
	1914	100	2,384	4,579	1,540	2,084	4,804
	1909	107	2,077	2,877	1,186	2,527	4,868
CAIRO.....	1919	55	1,792	6,731	1,745	7,310	10,526
	1914	61	1,522	5,222	853	3,046	4,584
	1909	56	1,237	4,764	628	2,957	4,440
CANTON.....	1919	33	1,296	4,154	1,127	2,511	4,558
	1914	34	929	5,807	829	1,126	2,577
	1909	33	1,262	3,716	692	1,183	2,942
CENTRALIA.....	1919	30	1,003	1,232	1,133	1,328	3,011
	1914	30	237	1,212	123	445	768
CHAMPAIGN.....	1919	80	1,063	2,082	1,249	2,733	5,187
	1914	59	382	1,125	243	633	1,245
	1909	42	273	476	174	419	846
CHICAGO HEIGHTS.....	1919	103	5,328	27,176	7,028	23,101	41,788
	1914	77	4,288	21,002	2,947	7,685	14,486
	1909	79	3,953	10,176	2,471	5,611	10,839
DANVILLE.....	1919	112	3,343	8,452	3,862	8,710	15,006
	1914	100	2,109	4,735	1,346	2,928	5,291
	1909	76	1,744	3,258	1,077	1,430	3,351
DECATUR.....	1919	103	5,693	16,969	6,984	24,688	38,684
	1914	126	4,003	10,634	2,324	6,666	11,957
	1909	157	2,699	6,447	1,420	5,918	9,768
ELGIN.....	1919	80	6,846	6,891	7,726	10,818	25,649
	1914	91	5,529	5,956	3,321	4,271	10,492
	1909	114	6,067	5,984	3,364	4,029	10,537
EVANSTON.....	1919	101	1,405	2,450	2,105	5,696	9,791
	1914	49	924	2,249	656	2,439	6,985
	1909	60	837	1,056	590	2,350	3,778
FREEPORT.....	1919	76	3,177	7,313	3,387	10,862	18,495
	1914	63	2,566	4,600	1,661	3,910	7,447
	1909	69	2,853	4,412	1,570	4,417	7,811
GALESBURG.....	1919	77	2,222	5,457	2,475	5,992	10,352
	1914	60	1,362	1,984	941	1,515	3,192
	1909	62	1,465	1,968	887	1,416	2,919
GRANITE CITY.....	1919	37	5,493	25,322	8,193	25,760	43,039
	1914	39	5,090	17,556	4,007	9,845	17,903
JACKSONVILLE.....	1919	59	1,091	1,830	936	5,177	7,127
	1914	63	932	2,855	499	1,360	2,355
	1909	57	947	1,189	487	1,307	2,299
JOLIET.....	1919	166	11,259	83,226	15,714	49,002	82,670
	1914	136	4,999	45,918	3,569	20,036	30,091
	1909	137	6,383	37,744	4,435	27,758	38,817
KANKAKEE.....	1919	54	1,959	4,575	1,838	3,844	7,287
	1914	53	1,430	3,543	763	1,704	3,193
	1909	55	1,349	3,988	622	1,493	2,723
KEWANEE.....	1919	37	3,909	9,107	5,223	7,339	16,279
	1914	31	2,837	5,394	1,576	2,686	5,447
LA SALLE.....	1919	38	1,792	20,388	2,283	5,271	9,534
	1914	30	1,214	8,342	817	3,484	5,246
	1909	28	936	5,795	593	2,683	4,328
LINCOLN.....	1919	33	194	559	143	384	785
	1914	40	239	506	134	284	561
	1909	40	220	385	115	290	570
MATTOON.....	1919	65	1,184	1,707	1,468	1,856	4,051
	1914	47	735	2,305	471	693	1,544
	1909	35	948	1,019	561	668	1,434
MOLINE.....	1919	61	5,444	16,091	7,438	22,688	44,871
	1914	108	5,053	12,200	3,510	10,387	19,925
	1909	65	5,387	10,005	3,474	11,049	20,664
OAK PARK.....	1919	44	383	737	481	975	2,281
	1914	47	268	1,113	241	492	1,555
	1909	23	282	758	197	391	1,118
PEKIN.....	1919	37	934	6,042	1,169	16,563	25,664
	1914	44	634	6,628	492	3,972	9,610
QUINCY.....	1919	183	4,443	11,739	4,208	12,438	23,499
	1914	194	3,067	6,297	1,863	4,435	9,557
	1909	235	3,997	7,557	2,066	5,631	11,006
ROCK ISLAND.....	1919	83	3,208	8,625	3,942	14,248	22,350
	1914	106	1,837	5,430	1,377	3,411	6,483
	1909	74	1,754	3,173	1,026	2,818	5,387
STREATOR.....	1919	69	1,301	4,973	1,124	2,953	6,662
	1914	60	1,763	5,823	1,040	1,762	3,887
	1909	45	1,275	3,140	644	817	2,137
WAUKEGAN.....	1919	52	2,538	23,172	3,865	15,016	24,093
	1914	48	2,276	18,663	1,777	7,630	12,439
	1909	58	2,956	23,044	2,038	13,889	19,541

[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" in 1919 and 1914.

TABLE 43.—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	18,593	804,805	15,282	34,278	64,397	37,734	653,114	No 689,945	My 618,701	(3)	(3)	(3)	(3)	(3)	*Dollars.* 3,366,452,969
2	Agricultural implements	68	26,555	27	1,025	2,103	852	22,548	Fe 25,045	Au 18,920	23,262	22,811	418	33	.....	150,484,328
3	Aluminum manufactures	6	405	4	16	19	33	333	De 439	Ja 201	445	401	44	.....	.....	1,288,940
4	Artificial flowers	13	339	7	14	23	18	277	No 367	Ja 188	351	67	256	2	26	358,493
5	Artificial limbs	12	89	7	11	6	6	59	Se 64	Ja 48	56	50	6	.....	.....	76,700
6	Artificial stone products	276	1,100	317	68	34	25	656	Au 869	Fe 408	794	791	3	.....	.....	2,472,799
7	Artists' materials	8	40	5	3	3	2	27	Se [4] 29	Ja 24	29	23	4	1	1	129,587
8	Asbestos products, not including steam packing.	6	232	.....	15	9	6	202	Se 295	Fe 103	203	149	52	2	.....	375,492
9	Automobile bodies and parts	204	6,509	136	397	352	326	5,298	De 6,361	Ja 4,298	6,353	5,929	405	14	5	16,911,058
10	Automobiles	25	4,455	5	234	477	232	3,507	No 4,040	Ja 3,017	3,985	3,898	79	8	.....	26,673,294
11	Automobile repairing	785	4,627	963	194	160	190	3,120	Jy 3,282	Ja 2,918	3,231	3,191	37	3	.....	8,017,459
12	Awnings, tents, and sails	53	528	55	46	55	24	348	Je 452	Ja 247	353	187	148	12	6	1,582,995
13	Babbitt metal and solder	12	1,012	2	66	151	65	728	.....	.....	969	891	77	1	.....	10,383,294
14	Babbitt metal	9	948	2	57	142	49	698	No 934	Au 431	936	860	76	.....	.....	9,776,501
15	White metal and solder	3	64	.....	9	9	16	30	De [4] 33	Ap [4] 27	33	31	1	1	.....	606,793
16	Bags, other than paper, not including bags made in paper mills.	9	439	5	20	17	16	381	De 446	Fe 324	446	156	265	.....	25	3,338,701
17	Baking powders and yeast	14	1,636	4	61	354	295	922	No 1,087	Ap 801	1,097	702	395	.....	.....	9,130,832
18	Baskets, and rattan and willow ware	12	63	8	5	4	2	44	No 64	Ja 29	60	50	1	9	.....	67,217
19	Belting, leather	9	298	4	29	49	24	192	Se 206	Je 175	213	206	5	1	1	2,006,687
20	Billiard tables and accessories	3	39	1	3	3	2	30	(5) 30	(5) 30	30	15	15	.....	.....	72,525
21	Blacking, stains, and dressings	25	287	19	24	51	26	167	No 210	Ja 140	188	81	105	.....	2	652,742
22	Bluing	5	54	5	4	5	.....	40	Se 61	Ja [4] 30	34	12	18	.....	4	74,812
23	Bookbinding and blank-book making	113	2,872	98	137	130	112	2,395	De 2,576	Ja 2,164	2,614	1,351	1,113	66	84	4,703,224
24	Boots and shoes	51	8,963	22	267	643	347	7,684	De 8,737	Ap 5,609	8,746	4,686	3,793	143	124	21,466,979
25	Boxes, cigar	12	254	12	7	7	4	224	De 239	Fe [4] 216	238	85	126	2	25	404,946
26	Boxes, paper and other, not elsewhere specified.	87	6,868	41	289	372	243	5,923	.....	.....	6,472	2,715	2,825	210	722	18,844,625
27	Shipping containers	15	1,878	2	84	173	82	1,537	No 1,760	Jy 1,258	1,745	1,207	517	5	16	8,444,762
28	Set-up paper boxes	50	3,214	34	122	78	77	2,903	Oc 3,069	Ja 2,644	3,107	828	1,712	96	471	4,412,878
29	Cartons	12	596	3	40	46	24	483	No 544	Fe 437	501	281	200	3	17	1,521,894
30	All other	10	1,180	2	43	75	60	1,000	Ja 1,109	Mh 846	1,119	399	396	106	218	4,465,091
31	Boxes, wooden packing, except cigar boxes.	63	4,920	45	161	122	68	4,524	Ja 5,024	Jy 2,965	4,663	4,127	510	24	2	9,002,089
32	Brass, bronze, and copper products	90	3,883	45	245	275	144	3,174	De 3,565	Je 2,765	3,558	3,303	237	17	1	14,381,095
33	Bread and other bakery products	2,345	17,597	2,591	439	1,444	705	12,418	.....	.....	13,444	9,537	3,728	82	97	40,917,447
34	Biscuit and crackers	14	4,274	5	120	482	88	3,579	Jy 3,885	Mh 3,145	3,726	1,767	1,859	22	78	13,614,033
35	All other	2,331	13,323	2,586	319	962	617	8,839	De 9,458	My 7,723	9,718	7,770	1,869	60	19	27,303,414
36	Brick and tile, terra-cotta, and fire-clay products.	144	6,471	110	399	237	98	5,627	.....	.....	6,932	6,917	8	7	.....	33,419,279
37	Building brick	74	3,278	56	188	100	34	2,900	Oc 3,994	Ja 1,296	3,790	3,785	3	2	.....	18,682,622
38	Fire brick	5	506	2	17	14	7	466	Se 548	Fe 296	555	555	.....	.....	.....	2,173,656
39	Sewer pipe and draintile	43	861	40	48	31	20	722	Se 890	Fe 430	876	870	4	2	.....	3,246,210
40	Terra-cotta products	16	1,329	12	110	72	29	1,106	No 1,474	Fe 660	1,278	1,274	1	3	.....	6,672,557
41	All other	6	497	.....	36	20	8	433	Oc 593	Je 341	433	433	.....	.....	.....	2,644,234
42	Brooms	82	882	93	24	54	19	692	Fe 733	Jy 645	731	597	131	2	1	1,916,077
43	Brushes	40	523	38	27	41	38	379	Se 389	Ja 356	385	208	104	10	3	1,247,236
44	Butter	129	1,288	108	131	93	143	813	Je 940	Mh 683	789	629	158	2	.....	10,521,565
45	Buttons	33	524	35	25	6	6	452	De 546	Fe 404	551	387	159	2	3	604,965
46	Canning and preserving, fish	5	32	8	2	1	1	20	Fe [4] 22	Je [4] 17	23	20	3	.....	.....	123,377
47	Canning and preserving, fruits and vegetables.	59	1,652	40	153	27	27	1,405	Se 4,768	Fe 480	1,689	1,055	605	19	10	7,562,036
48	Card cutting and designing	5	191	3	8	3	6	171	My 198	Ja 142	186	41	128	.....	17	199,932
49	Cardboard, not made in paper mills	3	155	.....	14	7	8	126	Oc 145	Ja 93	133	78	55	.....	.....	598,644
50	Carpets, rag	30	387	30	9	22	45	281	No 366	Mh 189	359	248	111	.....	.....	336,225
51	Carriage and wagon materials	8	445	8	20	20	8	389	Au 447	Ap 339	394	390	1	3	.....	1,434,737
52	Carriages and sleds, children's	8	205	6	8	9	6	176	Fe 183	Ap 161	179	134	40	5	.....	230,768
53	Carriages and wagons, including repairs.	99	2,724	104	122	123	72	2,303	.....	.....	2,453	2,440	10	3	.....	14,486,030
54	Carriages and wagons	37	2,537	28	121	122	71	2,195	Oc 2,483	Je 1,852	2,342	2,332	9	1	.....	14,062,089
55	Repair work only	62	187	76	1	1	1	108	My 112	Fe 103	111	108	1	2	.....	423,941
56	Cars and general shop construction and repairs by electric-railroad companies.	49	3,314	.....	72	62	29	3,151	De 3,474	Jy 2,842	3,463	3,443	20	.....	.....	14,390,576
57	Cars and general shop construction and repairs by steam-railroad companies.	133	43,498	.....	1,219	1,605	455	40,219	No 41,883	My 38,978	41,917	41,658	257	2	.....	80,181,297
58	Cars, steam-railroad, not including operations of railroad companies.	19	15,145	.....	389	791	190	13,775	Ja 15,964	Jy 11,151	13,109	12,970	139	.....	.....	63,884,050
59	Cash registers and calculating machines.	11	2,168	7	66	151	89	1,855	.....	.....	1,953	1,495	456	2	.....	9,423,473
60	Adding machines	4	1,070	1	16	93	49	911	De 1,009	Je 808	1,011	774	235	2	.....	4,264,443
61	All other	7	1,098	6	50	58	40	944	Ja 1,099	Au 856	942	721	221	.....	.....	5,159,030
62	Cement	5	1,304	.....	24	118	39	1,123	Oc 1,388	Ja 886	1,173	1,168	5	.....	.....	13,065,675
63	Charcoal, not including production in the lumber and wood-distillation industries.	5	27	3	4	.....	.....	20	Ap 26	No 8	21	21	.....	.....	.....	37,676
64	Cheese	56	99	16	10	3	3	67	Je [4] 80	Ja 50	76	73	3	.....	.....	320,678
65	Chemicals	33	3,554	14	128	274	134	3,004	Oc 3,544	Ap 2,570	3,248	3,200	48	.....	.....	19,923,193
66	China decorating, not including that done in potteries.	10	104	10	4	8	6	76	No 92	Ja 59	87	53	34	.....	.....	170,315

[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.				Total.	Primary horsepower.					Electric horsepower generated in establishments reporting.	
											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]			
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 130,029,640	Dollars. 144,586,709	Dollars. 801,087,359	Dollars. 32,006,039	Dollars. 20,073,028	Dollars. 136,886,105	Dollars. 3,362,381,054	Dollars. 125,889,392	Dollars. 5,425,244,694	Dollars. 1,936,974,248	1,660,918	779,156	218,182	55,782	11,586	596,212	584,326	1
3,306,170	4,034,713	28,342,271	47,081	50,244	4,734,058	62,893,409	2,266,411	128,284,716	63,124,896	54,608	22,000	10,134	72	1,090	21,312	24,979	2
62,192	67,530	385,362	.....	1,870	9,743	1,154,965	17,218	1,957,631	785,448	436	.....	.....	.....	.....	436	.....	3
46,999	54,763	164,470	18,520	17,098	4,145	358,093	4,372	890,314	527,849	60	.....	.....	.....	.....	60	.....	4
34,221	13,313	61,414	.....	9,440	1,447	54,314	1,873	247,148	190,961	25	.....	.....	.....	.....	25	.....	5
113,227	66,086	728,297	2,635	26,668	21,342	984,996	37,032	2,711,868	1,689,840	1,874	287	.....	765	.....	822	15	6
15,300	4,409	27,241	.....	3,376	654	81,990	660	179,201	96,551	11	.....	.....	.....	.....	11	.....	7
30,257	16,141	232,036	.....	6,851	4,647	495,959	16,558	912,141	399,624	326	.....	.....	.....	.....	326	.....	8
1,353,441	854,954	6,474,090	83,394	346,642	496,227	12,609,961	312,075	27,864,978	14,942,942	8,835	685	.....	248	.....	7,902	383	9
867,257	979,259	4,664,716	49,985	120,157	3,167,141	60,867,016	164,756	77,018,464	15,986,692	6,263	380	670	.....	.....	5,213	72	10
384,064	321,854	4,006,019	23,130	472,873	77,073	5,881,787	220,797	13,951,423	7,848,839	4,278	72	.....	608	.....	3,598	14	11
164,955	101,689	460,005	2,298	50,494	41,522	1,507,686	15,977	2,894,213	1,370,550	270	85	.....	.....	.....	185	30	12
325,536	412,317	1,006,609	.....	7,947	91,509	21,919,919	201,370	25,895,624	3,774,335	3,017	2,527	.....	.....	.....	490	2,513	13
246,138	374,970	967,532	.....	2,580	75,759	18,882,665	195,933	22,362,641	3,284,043	2,947	2,527	.....	.....	.....	420	2,513	14
79,398	37,347	39,077	.....	5,367	15,750	3,037,254	5,437	3,532,983	490,292	70	.....	.....	.....	.....	70	.....	15
203,950	47,383	286,474	.....	42,563	167,612	5,389,482	10,837	7,933,704	2,533,385	349	125	.....	.....	.....	224	125	16
303,751	642,717	942,760	.....	319,162	534,011	8,687,142	252,669	15,682,387	6,742,576	6,058	3,195	460	.....	.....	2,403	1,715	17
9,600	7,855	42,093	.....	6,929	1,684	79,312	1,621	167,299	86,366	16	.....	.....	.....	.....	16	.....	18
158,244	109,748	257,144	.....	65,122	109,570	2,444,502	15,670	3,315,438	855,266	368	325	.....	.....	.....	43	117	19
11,400	3,000	28,960	.....	300	2,794	18,947	1,422	82,241	61,872	27	.....	.....	.....	.....	27	.....	20
69,079	129,068	136,425	1,000	14,713	4,802	921,064	8,598	1,584,746	655,084	151	48	.....	.....	.....	103	.....	21
13,582	6,305	27,876	.....	4,590	397	223,984	1,665	331,434	105,785	92	.....	.....	.....	.....	92	.....	22
454,882	311,781	2,170,659	138,744	190,725	124,391	2,581,130	57,161	7,477,722	4,839,431	1,263	75	.....	2	.....	1,186	.....	23
854,821	1,695,603	5,902,500	63,169	156,095	615,906	24,610,055	608,264	39,402,383	14,184,064	5,164	3,360	.....	.....	.....	1,804	2,107	24
26,746	15,266	166,232	635	13,370	2,573	292,086	6,343	694,664	396,235	146	.....	.....	.....	.....	146	.....	25
1,180,468	1,043,541	5,170,685	20,901	272,028	820,139	15,260,475	295,350	28,893,083	13,337,258	8,195	3,271	.....	138	1,500	3,286	1,448	26
313,706	544,823	1,557,457	4,251	40,479	355,046	7,319,799	142,228	12,454,566	4,992,539	4,671	2,281	.....	.....	1,500	890	590	27
435,734	221,105	2,226,773	9,812	162,047	130,577	3,437,864	94,628	8,238,342	4,705,850	1,553	250	.....	53	.....	1,250	128	28
262,900	96,350	484,078	6,778	34,068	94,102	2,116,934	19,175	3,688,800	1,552,691	1,004	.....	.....	50	.....	954	35	29
168,128	181,263	902,377	60	35,434	240,414	2,385,878	39,319	4,511,375	2,086,178	967	740	.....	35	.....	192	695	30
586,700	242,454	4,639,741	72,677	145,664	520,408	10,297,194	67,611	18,856,685	8,491,880	10,234	7,432	1,000	17	.....	1,785	1,481	31
1,007,981	513,688	3,855,753	19,110	150,819	631,991	15,223,287	466,409	25,106,507	9,416,811	5,847	185	.....	20	.....	5,642	27	32
1,136,150	2,818,565	14,383,271	64,654	1,037,700	1,173,545	59,843,876	1,753,287	102,664,190	41,067,027	13,750	3,464	175	236	137	9,738	1,897	33
361,558	799,287	2,906,152	.....	43,477	615,025	11,159,542	175,148	23,639,914	12,305,224	2,391	1,350	.....	.....	135	906	984	34
774,592	2,019,278	11,477,119	64,654	994,223	558,520	48,684,334	1,578,139	79,024,276	28,761,803	11,359	2,114	175	236	2	8,832	913	35
1,057,112	459,003	6,502,174	17,604	20,755	337,817	1,905,904	2,923,932	17,564,017	12,734,181	40,098	28,916	360	332	.....	10,490	4,745	36
497,160	204,999	3,468,960	12,813	13,259	202,337	611,173	1,687,183	9,541,470	7,243,114	25,238	20,141	.....	250	.....	4,847	3,277	37
84,678	33,350	494,864	4,289	5,259	15,539	241,268	234,226	1,313,647	838,153	2,720	1,470	.....	25	.....	1,225	325	38
85,338	61,377	658,549	502	1,887	23,862	286,251	352,522	1,894,515	1,255,742	4,807	3,890	330	45	.....	542	65	39
269,030	107,574	1,305,965	.....	350	86,487	363,849	429,980	3,373,831	2,580,002	4,910	2,825	.....	12	.....	2,073	1,078	40
120,906	51,703	573,836	.....	.....	9,592	403,363	220,021	1,440,554	817,170	2,423	590	30	.....	.....	1,803	.....	41
87,608	141,807	721,389	50	26,390	18,234	1,953,927	18,863	3,422,924	1,450,134	554	161	.....	59	3	331	115	42
91,511	134,006	357,681	9,766	20,432	59,752	1,268,921	24,634	2,328,802	1,035,247	498	150	.....	.....	.....	348	.....	43
345,489	221,359	790,255	3,745	25,801	111,354	23,588,871	149,635	26,376,027	2,637,521	4,015	1,086	41	303	.....	2,585	1	44
56,058	26,865	357,257	3,320	14,430	4,899	384,297	12,603	1,030,452	633,552	393	195	.....	53	.....	145	.....	45
6,240	1,924	27,023	.....	3,160	920	357,160	5,369	448,316	85,787	13	.....	.....	.....	.....	13	.....	46
446,277	62,496	1,237,489	1,951	121,795	456,377	5,333,348	97,026	8,846,119	3,415,745	5,137	3,136	100	293	.....	1,608	797	47
52,473	24,585	120,714	.....	9,933	7,496	159,566	2,790	495,056	332,700	48	.....	.....	.....	.....	48	.....	48
56,222	18,118	119,057	.....	14,048	26,823	446,233	5,768	991,604	539,603	166	.....	.....	.....	.....	166	.....	49
28,550	50,792	280,941	600	27,692	7,212	314,133	16,201	973,468	643,134	350	25	.....	26	.....	299	.....	50
53,614	32,151	378,936	.....	96	65,222	1,007,192	17,464	1,866,402	841,746	1,271	1,015	.....	7	.....	249	.....	51
27,765	23,637	163,192	25	14,425	4,672	181,773	7,391	500,189	311,025	85	.....	.....	.....	.....	85	.....	52
337,468	234,574	2,859,097	35,342	42,376	353,413	6,923,194	186,069	12,997,031	5,887,768	6,350	2,145	2,150	49	200	1,806	1,820	53
335,804	233,781	2,716,914	31,947	34,544	348,498	6,778,499	176,028	12,548,681	5,594,154	5,966	2,105	2,150	32	200	1,479	1,820	54
1,664	793	142,183	3,395	7,832	4,915	144,695	10,041	448,350	293,614	384	40	.....	17	.....	327	.....	55
153,539	92,378	4,399,343	.....	7,895	29,806	2,717,837	79,136	7,478,033	4,681,060	6,395	995	.....	.....	.....	5,400	.....	56
4,142,766	2,889,576	55,600,664	310,107	6,600	258,343	37,290,566	2,510,261	103,219,253	63,418,426	54,852	32,680	3,789	117	.....	18,266	31,705	57
1,105,959	1,465,712	20,339,878	.....	50,031	6,704,792	81,077,615	1,350,119	125,217,722	42,789,988	32,429	8,451	18,333	1,000	.....	4,645	32,007	58
314,375	268,079	2,281,286	3,128	26,492	1,025,139	1,507,236	46,466	7,353,876	5,800,174	1,383	200	.....	.....	.....	1,183	100	59
60,471	144,227	1,148,644	728	7,092	345,446	1,078,667	26,098	4,029,114	2,924,349	973	.....	.....	.....	.....	973	.....	60
253,904	123,852	1,132,642	2,400	19,400	679,693	428,569	20,368	3,324,762	2,875,825	410	200	.....	.....	.....	210	100	61
216,052	259,338	1,462,737	.....	10,500	115,319	2,537,451	1,437,662	8,282,989	4,307,876	24,700	12,050	6,200	.....	.....	6,450	10,949	62
4,268	35	10,823	3,483	30	580	17,113	202	40,565	23,250	15	.....	.....	15	.....	.....	.....	63
14,725	8,426	109,395	.....	3,326	1,824	1,185,183	18,515	1,484,399	280,701	432	343	24	52	.....	13	.....	64
761,867	573,883	3,836,506	58,941	55,960	647,408	10,408,691	1,594,383	22,060,803	10,057,729	23,393	16,613	2,743	50	1	3,986	24,550	65
16,675	35,719	89,720	968	4,714	6,036	90,791	7,595	352,207	253,821	10	.....	.....	.....	.....	10	.....	66

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

[5] Same number reported throughout the year.

TABLE 43.—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	Cleansing and polishing preparations.	61	656	34	77	153	31	361					381	234	140	4	3	1,562,579
2	Cleansing preparations.	25	106	18	19	19	9	41	My	47	Oc	38	56	40	14	2		170,611
3	Metal polish	18	149	9	28	19	16	77	Fe [3]	79	Jy [3]	75	76	61	14		1	434,092
4	All other polishing preparations.	18	401	7	30	115	6	243	Ja	288	Ap	181	249	133	112	2	2	957,876
5	Clothing, men's	502	40,389	536	1,123	3,011	2,823	32,896					39,388	18,319	20,759	85	225	92,988,982
6	Regular factories	247	33,656	196	1,060	2,985	2,742	26,673					32,479	15,609	16,640	59	171	91,248,120
7	Men's and youths'	173	29,089	136	849	2,582	2,530	22,992	Oc	27,155	Ja	19,131	27,957	14,182	13,612	44	119	80,353,857
8	Boys'	10	1,155	12	53	113	53	924	De	1,141	Ap	716	1,138	558	553		27	2,635,571
9	All other	64	3,412	48	158	290	159	2,757	De	3,370	Ja	2,198	3,384	869	2,475	15	25	8,258,692
10	Contract work	255	6,733	340	63	26	81	6,223					6,909	2,710	4,119	26	54	1,740,862
11	Men's and youths'	242	6,295	323	60	25	79	5,808	Oc	6,288	Ja	5,227	6,431	2,572	3,786	26	47	1,536,108
12	Boys'	4	88	6				82	Ja [3]	84	Mh	80	84	31	49		4	15,740
13	All other	9	350	11	3	1	2	333	De	364	My	272	394	107	284		3	189,014
14	Clothing, men's, buttonholes	3	13	4				9	My [3]	10	Ja [3]	7	11	3	8			3,750
15	Clothing, women's	398	12,323	452	420	687	486	10,278					10,469	3,022	7,305	17	125	25,126,503
16	Regular factory products	363	11,817	409	413	687	485	9,823					9,942	2,801	7,001	17	123	25,005,263
17	Suits, skirts, and cloaks	145	3,902	183	126	278	224	3,091	Se	3,539	Ja	2,539	3,153	1,723	1,408	4	18	9,409,866
18	Shirt waists and dresses, except house dresses.	114	4,223	127	141	200	147	3,608	Se	3,899	Ja	3,275	3,462	556	2,847	6	53	6,548,571
19	Undergarments and petticoats.	25	1,588	17	56	96	53	1,366	No	1,509	Ja	1,260	1,488	358	1,094	6	30	5,462,745
20	Wrappers and house dresses.	20	750	15	37	53	19	626	No	687	My	584	670	63	591	1	15	1,005,635
21	All other	59	1,354	67	53	60	42	1,132	No	1,199	Ja	996	1,169	101	1,061		7	2,578,446
22	Contract work	35	506	43	7		1	455					527	221	304		2	121,240
23	Suits, skirts, and cloaks	22	292	28	3		1	260	Au	331	My	171	297	185	112			44,253
24	Shirt waists and dresses, except house dresses.	3	84	2	2			80	Se	101	Ja	52	82	8	74			9,014
25	All other	10	130	13	2			115	Oc [3]	153	Je	82	148	28	118		2	67,973
26	Coal-tar products	9	260	2	35	24	13	186	Au	206	Mh	169	212	205	7			1,535,599
27	Coffee and spice, roasting and grinding.	32	2,656	25	140	1,035	251	1,205	De	1,260	Ap	1,127	1,275	703	519	32	21	17,694,964
28	Coffins, burial cases, and undertakers' goods.	25	1,260	4	73	145	22	1,016	Mh	1,093	De	944	943	752	182	3	6	4,067,672
29	Coke, not including gas-house coke	4	1,640		89	119	36	1,396	Ja	1,625	Oc	710	1,558	1,558				25,931,172
30	Condensed milk	38	1,377	6	88	90	82	1,111	Je	1,208	Ja	1,016	1,060	921	125	10	4	14,636,102
31	Confectionery and ice cream	462	11,026	458	578	686	525	8,779					9,485	4,597	4,549	78	261	30,663,459
32	Confectionery	237	9,226	209	429	597	428	7,563	Oc	9,516	Jy	5,810	8,385	3,645	4,439	40	261	23,164,273
33	Ice cream	225	1,800	249	149	89	97	1,216	Jy	1,597	Ja	951	1,100	952	110	38		7,499,186
34	Cooperage	46	1,601	25	84	25	20	1,447					1,515	1,448	60	6	1	4,849,702
35	Hogsheads and barrels	38	1,234	25	57	20	10	1,122	Oc	1,188	Au	1,067	1,216	1,158	56	1	1	3,794,052
36	All other	8	367		27	5	10	325	Je	393	Ja	285	299	290	4	5		1,055,650
37	Copper, tin, and sheet-iron work	391	3,101	409	190	132	138	2,232	Oc	2,459	Ja	1,965	2,489	2,416	59	14		8,295,978
38	Cordials and flavoring sirups	10	228	2	19	93	33	81	My	106	Au	66	87	64	23			631,333
39	Corsets	22	2,708	8	103	106	218	2,273	De	2,579	Mh	2,141	2,632	306	2,184	33	109	5,836,146
40	Cotton goods	7	1,355		30	26	22	1,277	Se	1,454	Fe	1,098	1,458	689	614	96	59	4,728,285
41	Cotton small wares	3	283	3	4	11	4	261	Ap [3]	262	Se	259	261	67	188		6	402,050
42	Cutlery and edge tools	18	1,164	16	71	58	55	964	No	1,059	Ap	745	1,080	956	111	9	4	4,327,646
43	Dairymen's, poultrymen's, and apiarists' supplies.	26	787	23	52	58	45	609					604	516	88			3,175,310
44	Incubators and brooders	7	105	4	5	11	3	82	Ja	110	Jy	46	109	103	6			321,742
45	All other poultrymen's supplies	6	27	7	1		1	18	Se	21	My	15	19	17	2			68,357
46	Dairymen's and apiarists' supplies.	13	655	12	46	47	41	509	Je	553	No [3]	466	476	396	80			2,785,211
47	Dental goods	21	417	17	16	29	36	319	De	328	Ja	301	322	247	66	8	1	526,593
48	Drug grinding	4	185	1	9	4	5	166	Oc	189	De	137	137	79	49	4	5	883,963
49	Druggists' preparations	31	979	15	68	214	179	503	Ja	581	Jy	425	501	299	196	3	3	3,676,433
50	Dyeing and finishing textiles, exclusive of that done in textile mills.	11	497	5	29	32	28	403	Fe	478	Au	359	413	191	218	2	2	1,641,958
51	Electrical machinery, apparatus, and supplies.	161	36,515	46	1,319	5,094	2,766	27,290	De	30,965	Mh	25,650	30,952	21,568	8,711	536	137	96,811,473
52	Electroplating	49	651	49	47	15	19	521	No	587	Ja	429	592	542	28	20	2	709,514
53	Emery and other abrasive wheels	6	105	2	14	16	6	67	Oc [3]	85	Ja	51	85	85				571,329
54	Enameling	9	158	9	7	2	4	136	De	177	Fe	97	178	157	17	4		256,314
55	Engines, steam, gas, and water	25	10,335	6	526	803	355	8,645	Ja	9,821	Jy	7,785	8,784	8,603	180	1		47,823,565
56	Engravers' materials	5	98	2	14	11	12	59	De	66	Ja	52	64	63		1		297,140
57	Engraving and diesinking	36	837	35	24	40	25	713	Au	826	Ja	600	804	767	27	9	1	2,473,332
58	Engraving, steel and copper plate, including plate printing.	33	1,462	21	98	74	80	1,189	De	1,286	Ap	1,109	1,281	774	436	25	46	3,649,362
59	Engraving, wood	11	259	10	17	48	13	171	Jy	185	Ja	159	168	167		1		227,963
60	Envelopes	17	1,650	5	57	96	98	1,394	De	1,485	Ap	1,306	1,487	606	844	17	20	3,994,921
61	Explosives	9	627		39	99	35	454	Ja	491	De	412	446	426	20			4,294,438
62	Fancy articles, not elsewhere specified.	54	1,140	52	60	70	51	907					939	291	605	8	35	1,706,175
63	Metal novelties	12	298	10	17	18	13	240	No	300	Ja	180	247	151	90		6	395,252
64	Paper novelties	8	134	12	6	2	8	106	Oc	138	Ja	75	109	29	73	2	5	214,312
65	All other	34	708	30	37	50	30	561	Se	633	Ja	503	583	111	442	6	24	1,096,611
66	Fertilizers	12	1,120	3	39	104	21	953	Se	1,246	De	786	861	861				6,430,846
67	Flags and banners	9	142	3	7	8	9	112	Ja	126	Au	101	107	19	83	1	4	261,157
68	Flavoring extracts	24	471	15	34	155	46	221	Jy	289	Fe	178	251	102	140	1	8	799,909
69	Flour-mill and gristmill products	322	4,007	331	362	418	156	2,740	Se	2,937	Mh	2,567	2,983	2,938	45			46,268,650

[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.								
244,932	385,217	375,738	354	60,392	38,461	2,283,051	17,287	4,701,776	2,401,438	408	12	.....	9	.....	387	4	1
56,080	24,046	57,138	120	18,901	2,855	353,803	3,955	659,188	301,430	76	.....	.....	9	.....	67	4	2
86,064	58,369	96,876	234	16,464	5,377	696,090	6,961	1,105,167	402,116	134	12	.....	.....	.....	122	.....	3
102,788	302,802	221,724	.....	25,027	30,229	1,233,158	6,371	2,937,421	1,697,892	198	.....	.....	.....	.....	198	.....	4
6,183,945	7,688,235	43,982,249	10,912,457	1,395,915	4,415,420	90,765,053	483,237	197,616,795	106,368,505	6,429	380	125	3	.....	5,921	271	5
5,959,014	7,576,990	35,971,360	10,277,889	1,252,151	4,393,350	89,813,955	405,390	184,925,431	94,706,086	5,668	380	125	.....	.....	5,163	265	6
5,022,483	6,826,726	32,222,750	9,467,681	1,131,462	4,143,223	77,023,338	333,104	162,378,798	85,022,356	4,180	295	125	.....	.....	3,760	247	7
226,434	253,189	1,113,304	388,455	24,428	30,161	3,122,489	10,913	6,066,110	2,932,708	103	.....	.....	.....	.....	103	.....	8
710,097	497,075	2,635,306	421,753	96,261	219,966	9,668,128	61,373	16,480,523	6,751,022	1,385	85	.....	.....	.....	1,300	18	9
224,931	111,245	8,010,889	634,568	143,764	22,070	951,098	77,847	12,691,364	11,662,419	761	.....	.....	3	.....	758	6	10
216,231	109,741	7,633,897	631,607	136,124	20,085	919,443	69,741	12,111,261	11,122,077	664	.....	.....	3	.....	661	6	11
.....	.....	114,260	.....	1,248	281	3,970	1,352	143,764	138,442	11	.....	.....	.....	.....	11	.....	12
8,700	1,504	262,732	2,961	6,392	1,704	27,085	6,754	436,339	401,900	86	.....	.....	.....	.....	86	.....	13
.....	.....	11,772	.....	640	2	1,763	305	20,026	17,958	3	.....	.....	.....	.....	3	.....	14
2,043,775	2,492,101	11,487,399	1,478,669	665,461	324,739	40,987,702	147,906	68,044,268	26,908,660	2,092	.....	.....	.....	.....	2,092	.....	15
2,035,959	2,491,101	10,944,916	1,476,295	647,874	324,164	40,950,584	141,318	67,271,604	26,179,702	2,010	.....	.....	.....	.....	2,010	.....	16
515,656	1,075,209	4,704,203	1,004,436	280,757	89,391	18,763,660	41,519	29,985,132	11,179,953	430	.....	.....	.....	.....	430	.....	17
963,136	715,529	3,775,822	349,092	211,876	134,322	11,864,327	42,225	20,155,077	8,248,525	488	.....	.....	.....	.....	488	.....	18
251,415	386,962	1,182,669	25,523	55,336	38,259	4,996,010	25,819	8,075,366	3,053,537	652	.....	.....	.....	.....	652	.....	19
108,220	132,435	405,236	22,592	29,476	27,075	1,644,082	10,213	2,800,413	1,146,118	162	.....	.....	.....	.....	162	.....	20
197,532	180,966	876,986	74,652	70,429	35,117	3,682,505	21,542	6,255,616	2,551,569	278	.....	.....	.....	.....	278	.....	21
7,816	1,000	542,483	2,374	17,587	575	37,118	6,588	772,664	728,958	82	.....	.....	.....	.....	82	.....	22
5,720	1,000	372,106	1,180	11,128	476	26,404	3,328	508,948	479,211	47	.....	.....	.....	.....	47	.....	23
1,456	.....	52,582	.....	2,304	4	1,728	936	67,146	64,482	7	.....	.....	.....	.....	7	.....	24
640	.....	117,795	1,194	4,155	95	8,986	2,324	196,575	185,265	28	.....	.....	.....	.....	28	.....	25
163,273	45,544	269,271	.....	15,456	79,547	991,398	55,741	2,075,368	1,028,229	637	205	.....	35	.....	397	40	26
607,219	2,066,113	1,209,825	7,776	171,900	320,296	29,554,410	138,024	38,188,646	8,496,212	2,389	420	500	80	.....	1,389	1,259	27
278,798	383,045	972,899	1,467	29,021	302,177	2,563,643	49,436	5,786,820	3,173,741	1,568	855	.....	.....	.....	713	117	28
237,125	257,477	2,399,848	.....	3,567	1,195,591	854,561	11,773,154	16,837,024	4,209,309	9,915	4,815	5,100	.....	.....	.....	13,991	29
255,254	229,860	1,204,682	24,437	14,350	501,919	24,272,797	404,022	30,437,845	5,761,026	4,020	3,434	219	10	.....	357	1,345	30
2,230,727	1,839,691	8,367,426	138,312	564,072	3,404,204	40,313,450	782,071	73,096,890	32,001,369	14,379	2,293	.....	376	4	11,706	1,634	31
1,732,739	1,630,979	6,723,143	128,840	447,693	3,204,614	31,632,271	486,747	58,205,304	26,086,286	7,520	1,940	.....	.....	.....	5,580	1,603	32
497,988	208,712	1,644,283	9,472	116,379	199,590	8,681,179	295,324	14,891,586	5,915,083	6,859	353	.....	376	4	6,126	31	33
405,187	79,147	1,792,982	.....	26,799	363,041	7,623,833	49,271	11,576,824	3,903,720	3,440	3,085	.....	40	.....	315	404	34
312,279	52,002	1,434,565	.....	12,455	311,078	6,062,145	39,188	9,111,774	3,010,441	2,928	2,710	.....	40	.....	178	359	35
92,908	27,145	358,417	.....	14,344	51,963	1,561,688	10,083	2,465,050	893,279	512	375	.....	.....	.....	137	45	36
654,665	322,448	2,893,171	34,903	149,690	178,946	6,045,462	100,989	13,208,281	7,061,830	2,269	193	.....	51	.....	2,025	153	37
102,694	156,562	132,415	.....	29,041	362,037	4,023,119	3,040	6,062,922	2,036,763	829	625	.....	.....	.....	204	.....	38
382,371	618,237	1,533,673	92,245	95,889	295,085	4,661,725	41,697	9,232,201	4,528,779	484	50	.....	.....	.....	434	.....	39
181,265	102,682	1,085,712	.....	18,770	66,239	4,430,197	78,592	6,484,463	1,975,674	4,546	4,070	.....	.....	.....	476	1,105	40
37,200	30,493	159,455	.....	3,500	7,704	513,641	15,435	900,870	371,794	220	35	.....	.....	.....	185	.....	41
206,169	164,824	1,089,177	8,268	9,626	269,545	1,297,212	55,292	3,849,053	2,496,549	1,277	426	.....	25	.....	827	100	42
168,839	122,901	678,932	15,656	9,301	48,957	1,293,061	29,469	3,505,720	2,183,190	820	300	25	29	.....	466	220	43
25,610	19,845	79,363	.....	1,584	3,194	186,537	3,735	406,894	216,622	182	35	25	.....	.....	122	.....	44
1,125	.....	15,128	375	597	146	24,924	887	75,221	49,410	31	.....	.....	29	.....	2	.....	45
142,104	103,056	584,441	15,281	7,120	45,617	1,081,600	24,847	3,023,605	1,917,158	607	265	.....	.....	.....	342	220	46
98,295	73,556	324,299	.....	29,075	68,209	488,493	14,962	1,380,233	876,778	125	.....	.....	.....	.....	125	.....	47
60,831	15,013	113,681	.....	840	105,661	595,751	17,182	1,203,678	590,745	815	810	.....	.....	.....	5	.....	48
260,501	505,445	446,461	105	47,712	196,094	2,071,500	41,667	4,888,548	2,775,381	915	671	.....	33	.....	211	361	49
160,077	94,783	373,698	89	14,244	56,169	1,033,507	61,183	2,219,109	1,124,419	745	548	.....	.....	.....	197	.....	50
4,805,813	11,347,195	30,571,419	618,802	549,727	3,199,171	50,258,394	1,367,905	119,528,022	67,901,723	32,660	1,995	19,000	83	.....	11,582	18,286	51
142,426	34,935	713,124	1,110	48,263	4,060	458,189	42,081	2,411,328	1,911,058	1,142	.....	.....	8	.....	1,134	.....	52
59,826	30,004	93,492	1,400	2,022	23,108	320,796	3,759	720,168	395,613	46	.....	.....	.....	.....	46	.....	53
19,355	5,158	162,062	.....	4,134	4,432	59,242	34,074	342,090	248,774	172	.....	.....	.....	.....	172	.....	54
1,255,311	1,966,567	11,755,850	234	22,695	1,056,644	22,959,101	685,054	45,741,267	22,097,112	16,152	3,465	200	727	50	11,710	1,587	55
59,112	18,646	86,547	.....	11,421	2,937	634,108	9,055	1,040,805	397,642	282	.....	.....	100	.....	182	.....	56
133,794	108,304	947,510	12,722	24,029	73,171	1,162,232	71,575	3,235,604	2,001,797	882	35	.....	.....	.....	847	.....	57
376,295	203,355	1,386,968	11,973	59,559	132,374	1,530,363	40,441	4,794,095	3,223,291	1,372	725	.....	.....	.....	647	536	58
71,087	58,347	311,349	315	17,994	420	165,066	1,893	826,342	659,383	27	.....	.....	.....	.....	27	.....	59
271,540	247,634	1,185,578	4,960	73,725	104,728	3,281,992	44,307	6,431,059	3,104,760	1,309	134	.....	.....	.....	1,175	102	60
149,360	168,665	393,133	2,451	435	37,036	2,181,021	84,315	3,779,743	1,514,407	1,716	1,595	.....	6	.....	115	1,720	61
186,851	208,258	725,793	128,472	61,314	44,559	2,457,532	16,922	4,679,423	2,204,969	230	.....	.....	.....	.....	230	.....	62
49,445	42,188	199,658	13,000	14,569	4,124	329,943	9,748	837,753	498,062	124	.....	.....	.....	.....	124	.....	63
8,100	9,948	98,650	3,000	10,375	338	157,717	3,036	485,907	325,154	35	.....	.....	.....	.....	35	.....	64
129,306	156,122	427,485	112,472	36,370	40,097	1,969,872	4,138	3,355,763	1,381,753	71	.....	.....	.....	.....	71	.....	65
160,862	172,492	754,809	60	82,514	73,501	3,582,444	140,242	6,159,817	2,437,131	3,090	580	175	.....	.....	2,335	.....	66
16,464	31,711	73,643	938	16,358	2,047	170,495	3,127	349,336	175,714	120	.....	.....	.....	.....	120	.....	67
95,371	138,018	117,980	120	30,319	13,276	978,799	5,616	1,691,816	707,401	125	.....	.....	.....	.....	125	.....	68
1,337,318	742,806	2,925,744	6,051	29,238	1,556,683	102,417,294	748,158	116,562,915	13,397,463	37,118	26,310	1,121	1,261	768	7,718	2,131	69

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

TABLE 43.—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	Food preparations, not elsewhere specified.	134	5,717	116	305	810	425	4,061	.....	.....	4,125	2,796	1,305	3	21	29,949,577
2	Breadstuff preparations, cereals and breakfast foods.	9	350	4	16	46	33	251	Se 330	Fe 181	263	172	91	.....	.....	2,360,296
3	Lard compounds and other substitutes.	5	834	1	21	77	18	717	Au 930	Mh 341	755	577	178	.....	.....	4,928,572
4	Macaroni, vermicelli, and noodles.	25	518	51	20	35	30	382	Oc 459	Au 309	439	274	151	.....	14	1,410,220
5	Meat products, not elsewhere specified.	7	1,236	3	39	157	22	1,015	Mh 1,476	My 687	895	344	547	1	3	4,182,531
6	Peanut butter	5	93	3	10	5	5	70	De 86	Fe [3] 57	79	31	48	.....	.....	386,402
7	Sweetening sirups, other than cane.	5	381	1	27	42	12	299	Oc 357	Je 238	342	294	48	.....	.....	3,089,396
8	All other, for human consumption.	57	975	47	84	132	99	613	Jy 645	My 583	641	418	217	2	4	5,083,961
9	For animals and fowls	21	1,330	6	88	316	206	714	Fe [3] 749	No 672	711	686	25	.....	.....	8,508,199
10	Foundry and machine-shop products.	870	55,196	503	2,751	3,908	2,155	45,879	.....	.....	51,742	49,817	1,641	267	17	191,005,914
11	Boiler shops	39	1,774	33	90	103	38	1,510	Oc 1,782	Ja 676	1,770	1,761	9	.....	.....	6,040,376
12	Foundries	110	13,297	48	521	506	256	11,966	De 13,952	Je 10,342	14,178	13,787	343	47	1	34,557,499
13	Machine shops	675	33,895	406	1,900	2,914	1,660	27,015	De 29,989	Ap 25,079	29,662	28,343	1,098	208	13	130,301,605
14	Machine shop and foundry combined.	46	6,230	16	240	385	201	5,388	Ja 6,378	My 4,590	6,132	5,926	191	12	3	20,106,434
15	Foundry supplies	9	237	2	20	46	21	148	Je 157	Ja 132	151	147	4	.....	.....	875,394
16	Fur goods	123	981	123	69	62	57	670	No 766	Mh 598	742	392	350	.....	.....	3,586,070
17	Furnishing goods, men's	34	1,942	22	70	188	96	1,566	.....	.....	1,704	183	1,499	5	17	4,525,170
18	Neckwear	26	1,056	22	48	153	52	781	De 876	Ja 694	895	131	745	3	16	2,795,922
19	All other	8	886	.....	22	35	44	785	Oc 819	Je 753	809	52	754	2	1	1,729,248
20	Furniture	286	14,374	186	680	755	459	12,294	.....	.....	14,044	13,101	828	110	5	42,588,346
21	Wood furniture, including rattan and willow.	202	11,102	133	491	547	307	9,624	De 11,013	Ap 7,613	11,093	10,281	721	86	5	33,938,510
22	Metal furniture	16	1,207	4	70	117	87	929	De 1,063	Fe 775	1,062	1,025	36	1	.....	4,003,707
23	Store and office fixtures	68	2,065	49	119	91	65	1,741	No 1,870	Ja 1,579	1,889	1,795	71	23	.....	4,646,129
24	Furs, dressed	4	68	1	8	1	1	57	Mh [3] 72	Au 43	51	45	6	.....	.....	114,566
25	Galvanizing	8	151	14	18	10	7	102	Ja [3] 107	Jy 93	108	107	1	.....	.....	863,098
26	Gas and electric fixtures	40	1,792	11	106	135	92	1,448	.....	.....	1,633	1,218	365	35	15	4,462,083
27	Electric fixtures	14	537	3	41	42	33	418	No 463	Ja 379	472	386	54	25	7	1,371,844
28	Combination gas and electric fixtures.	18	860	6	40	77	38	699	De 793	My 585	764	721	28	10	5	2,037,054
29	Gas and other fixtures	8	395	2	25	16	21	331	No 389	Jy 271	397	111	283	.....	3	1,053,185
30	Gas, illuminating and heating	70	7,737	.....	282	1,972	1,053	4,430	Ja 4,986	Se 4,258	4,479	4,435	44	.....	.....	172,854,890
31	Gas machines and gas and water meters.	21	948	3	46	163	71	665	.....	.....	737	727	9	1	.....	3,934,417
32	Gas meters and water meters	4	121	.....	13	17	8	83	Au 99	Mh 63	94	89	5	.....	.....	489,630
33	All other	17	827	3	33	146	63	582	Au 652	Ap 487	643	638	4	1	.....	3,444,787
34	Glass	14	4,370	4	160	76	65	4,065	Fe 4,291	Do 3,825	4,187	3,670	481	31	5	13,008,050
35	Glass, cutting, staining, and ornamenting.	49	712	27	52	18	38	577	.....	.....	601	427	156	14	4	1,057,876
36	Decalcomania work on glass	4	37	2	3	.....	2	30	No 40	Ap 24	39	37	2	.....	.....	41,340
37	All other	45	675	25	49	18	36	547	Au 573	Ja 520	562	390	154	14	4	1,016,536
38	Gloves and mittens, cloth, not including gloves made in textile mills.	14	781	10	21	26	21	703	De 864	Ap [3] 563	807	98	648	9	52	1,450,703
39	Gloves and mittens, leather	31	1,379	27	49	38	26	1,239	De 1,428	Ap 1,132	1,284	358	772	75	79	2,241,681
40	Glue, not elsewhere specified	11	1,831	6	64	138	40	1,583	Fe 1,665	Jy 1,443	1,587	1,408	179	.....	.....	7,501,781
41	Gold, leaf and foil	6	155	3	11	1	7	133	De [3] 135	Je [3] 131	135	71	56	5	3	117,098
42	Hair work	19	228	14	16	26	11	161	Oc [3] 170	Ja 148	164	41	121	.....	2	472,612
43	Hand stamps	27	337	19	36	20	29	233	Se 251	Fe 224	241	197	36	6	2	569,960
44	Hardware	84	5,820	41	304	319	242	4,914	.....	.....	5,570	4,703	789	70	8	20,137,069
45	Locks	10	234	2	22	9	9	192	Au 227	Ja 125	221	192	25	4	.....	467,075
46	Builders' hardware	20	1,932	12	79	115	65	1,661	De 2,003	My 1,339	2,005	1,572	412	20	1	6,317,846
47	Vehicle hardware	6	146	3	15	6	7	115	Au [3] 133	Ja [3] 73	131	104	24	.....	3	339,076
48	All other	48	3,508	24	188	189	161	2,946	De 3,192	My 2,783	3,213	2,835	328	46	4	13,013,972
49	Hat and cap materials	7	53	5	3	3	2	40	(4) 40	(4) 40	40	15	23	1	1	115,882
50	Hats and caps, other than felt, straw, and wool.	47	844	51	49	50	15	679	Oc 788	Mh 528	745	455	285	2	3	1,674,493
51	Hats, fur-felt	5	55	1	8	9	1	36	Se [3] 38	Ja [3] 34	34	21	13	.....	.....	140,288
52	Hats, straw	12	246	12	24	9	10	191	No 229	Je 155	229	68	160	.....	1	363,328
53	House-furnishing goods, not elsewhere specified.	51	1,114	32	89	98	52	843	.....	.....	942	403	503	17	19	2,649,062
54	Comforts and quilts	10	71	9	5	3	4	50	No 63	My 41	58	23	34	.....	1	258,251
55	Feather pillows and beds	6	183	2	21	44	8	108	Oc [3] 111	Ja 100	110	82	27	1	.....	885,717
56	Mops and dusters	11	301	4	28	32	21	216	Oc 240	Mh 184	226	87	129	3	7	488,105
57	All other	24	559	17	35	19	19	469	De 555	Ja 414	548	211	313	13	11	1,016,989
58	Ice, manufactured	154	2,140	42	255	98	64	1,681	Au 2,303	Ja 1,084	1,592	1,572	20	.....	.....	17,097,626
59	Ink, printing	11	143	6	22	23	13	79	De 88	Ja 72	88	85	1	2	.....	787,597
60	Instruments, professional and scientific.	33	4,200	22	122	189	246	3,621	Au 3,860	Ja 3,314	3,674	2,891	770	12	1	13,091,453
61	Iron and steel, blast furnaces	5	2,436	.....	97	151	59	2,129	Ja 2,571	Oc 1,219	2,418	2,417	1	.....	.....	57,167,029
62	Iron and steel, steel works and rolling mills.	32	23,483	.....	935	1,873	498	20,177	Fe 25,795	Oc 13,330	21,706	21,576	124	6	.....	156,775,176
63	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	13	1,048	1	67	56	18	906	Ja 1,052	My 793	945	818	126	1	.....	4,152,854

[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.*								
1,395,103	1,686,538	4,161,741	72,654	249,194	864,404	79,703,334	727,951	94,240,307	13,809,022	18,767	6,499	240	160	.....	11,868	1,608	1
103,580	150,900	203,390	400	2,725	27,964	4,102,056	72,629	4,930,879	756,194	3,385	760	40	.....	.....	2,585	.....	2
68,864	135,791	818,807	.....	23,608	30,487	18,288,857	206,383	19,403,450	908,210	2,745	2,514	.....	.....	.....	231	294	3
57,331	73,259	344,330	.....	29,465	21,930	2,042,044	69,337	3,080,557	969,176	1,532	162	.....	.....	.....	1,370	.....	4
210,737	263,446	926,679	.....	48,224	154,597	8,823,085	70,826	11,532,816	2,638,905	774	147	.....	.....	.....	627	.....	5
45,057	14,457	70,810	1,631	10,371	8,477	913,804	10,532	1,131,914	207,578	175	.....	.....	.....	.....	175	.....	6
106,917	60,872	279,850	58	12,400	188,248	5,316,912	77,561	6,509,941	1,115,468	1,385	665	200	.....	.....	520	29	7
432,951	401,161	669,643	39,825	91,296	179,976	9,341,356	83,034	13,042,206	3,617,816	1,414	491	.....	160	.....	763	580	8
369,666	586,652	848,232	30,740	31,105	252,725	30,875,220	137,649	34,608,544	3,595,675	7,357	1,760	.....	.....	.....	5,597	705	9
11,625,164	8,953,566	59,960,135	994,186	1,049,581	11,215,433	93,125,717	5,217,098	235,403,626	137,060,811	96,821	24,220	8,658	1,456	944	61,543	28,469	10
415,208	257,104	2,122,612	27,299	18,145	663,318	4,164,679	149,223	9,106,448	4,792,546	5,871	733	1,900	62	.....	3,176	.....	11
2,228,713	1,016,220	16,719,023	123,622	101,488	1,791,455	18,580,191	2,502,552	52,109,714	31,026,971	25,250	6,000	4,443	60	245	14,502	11,137	12
7,750,588	6,855,608	34,388,283	695,733	907,747	6,918,901	62,241,991	1,954,479	152,128,532	87,932,062	55,474	14,395	2,170	1,301	565	37,043	13,729	13
1,230,655	824,634	6,780,217	147,532	22,201	1,841,759	8,138,856	610,844	22,058,932	13,309,232	10,226	3,092	145	33	134	6,822	3,603	14
119,555	125,127	181,172	1,020	5,478	58,836	1,354,504	30,675	2,241,823	856,644	633	300	.....	150	.....	183	50	15
241,099	152,624	1,098,805	43,167	154,490	110,223	4,596,988	15,067	8,112,908	3,500,853	158	.....	.....	.....	.....	158	.....	16
265,912	475,165	1,006,797	6,084	56,642	121,053	4,727,508	27,001	8,535,094	3,780,585	983	700	.....	.....	.....	283	177	17
201,288	419,014	729,189	6,084	47,411	58,052	3,588,523	10,900	6,149,498	2,550,075	562	400	.....	.....	.....	162	177	18
64,624	56,151	277,608	.....	9,231	63,001	1,138,985	16,101	2,385,596	1,230,510	421	300	.....	.....	.....	121	.....	19
2,703,944	2,053,405	14,142,456	618,989	535,551	1,487,455	27,523,924	666,415	60,770,771	32,580,432	23,467	15,003	330	211	120	7,803	4,786	20
1,985,323	1,551,982	11,088,808	596,856	366,370	1,232,494	21,174,675	513,192	47,144,566	25,456,699	18,423	13,040	330	57	50	4,946	4,564	21
324,755	297,117	1,068,664	7,411	23,349	72,471	2,990,900	49,504	5,715,541	2,675,137	1,318	293	.....	23	.....	1,002	.....	22
398,866	204,306	1,984,984	14,722	145,832	182,490	3,358,349	103,719	7,910,664	4,448,596	3,726	1,670	.....	131	70	1,855	222	23
18,021	2,706	79,378	.....	2,260	971	31,044	5,124	194,169	158,001	84	.....	.....	40	.....	44	.....	24
80,227	23,343	129,384	.....	350	35,270	300,994	27,906	780,071	451,171	94	25	.....	.....	.....	69	.....	25
350,756	281,017	1,490,881	2,010	111,153	63,216	3,214,094	84,529	6,757,429	3,458,806	2,034	1,125	.....	10	160	739	496	26
129,415	108,296	395,714	.....	37,923	16,658	779,089	18,904	2,002,292	1,204,299	593	250	.....	.....	.....	343	.....	27
130,704	125,607	819,221	.....	54,846	37,332	1,380,220	38,345	3,317,437	1,898,872	1,330	875	.....	.....	160	295	496	28
90,637	47,114	275,946	2,010	18,414	9,226	1,054,785	27,280	1,437,700	355,635	111	.....	.....	10	.....	101	.....	29
780,539	3,265,556	5,372,255	164,478	347,309	1,492,615	3,178,894	14,713,268	36,930,423	19,038,261	21,912	14,869	6,187	226	.....	630	1,133	30
134,565	343,653	714,142	1,300	14,774	36,760	1,497,785	21,331	2,963,147	1,444,031	454	30	.....	128	.....	296	59	31
35,110	41,966	105,896	1,300	3,120	4,721	137,706	4,198	371,891	229,987	166	.....	.....	115	.....	51	59	32
99,455	301,687	608,246	.....	11,654	32,039	1,360,079	17,133	2,591,256	1,214,044	288	30	.....	13	.....	245	.....	33
416,860	131,426	3,740,590	.....	3,851	1,485,406	3,451,127	2,108,152	18,244,717	12,685,438	10,594	4,457	2,500	1,000	.....	2,637	2,822	34
141,539	65,657	485,118	532	50,797	14,741	1,150,354	22,891	2,307,573	1,134,328	221	.....	.....	.....	.....	221	.....	35
8,183	2,378	35,765	.....	5,120	161	22,459	992	88,257	64,806	33	.....	.....	.....	.....	33	.....	36
133,356	63,279	449,353	532	45,677	14,580	1,127,895	21,899	2,219,316	1,069,522	188	.....	.....	.....	.....	188	.....	37
58,494	44,816	365,924	15,082	10,756	80,718	1,265,570	13,011	2,413,310	1,134,729	254	80	.....	.....	.....	174	15	38
164,867	80,809	1,023,855	1,547	18,910	146,765	3,047,167	26,882	5,422,794	2,348,745	376	50	.....	.....	.....	326	15	39
196,323	214,536	1,547,366	.....	5,900	222,952	4,417,469	522,110	9,157,094	4,217,515	7,477	5,020	2,400	.....	.....	57	6,623	40
26,491	8,117	130,999	6,369	2,880	2,919	253,153	2,813	470,429	214,463	34	.....	.....	.....	.....	34	.....	41
39,622	34,526	101,565	2,842	13,681	1,110	297,140	5,328	610,963	308,495	57	50	.....	.....	.....	7	.....	42
127,368	56,919	250,056	9,600	26,008	10,503	346,255	10,856	1,013,769	656,658	165	35	.....	.....	.....	130	.....	43
1,023,612	870,848	5,617,321	11,952	103,118	1,204,847	8,373,315	301,956	22,442,643	13,767,372	9,551	1,840	35	45	523	7,108	650	44
68,487	39,179	188,030	.....	8,380	6,701	242,187	8,393	698,934	448,354	173	.....	.....	.....	.....	173	.....	45
286,180	355,158	1,850,998	.....	40,669	550,711	2,315,007	93,655	7,041,110	4,632,448	5,107	690	.....	.....	400	4,017	150	46
71,508	9,989	130,337	.....	12,872	6,692	333,066	4,945	733,622	395,611	118	.....	.....	15	.....	103	.....	47
597,437	466,522	3,447,956	11,952	41,197	640,743	5,483,055	194,963	13,968,977	8,290,959	4,153	1,150	35	30	123	2,815	500	48
7,925	4,918	36,219	.....	4,304	1,147	257,107	1,083	380,571	122,381	18	.....	.....	.....	.....	18	.....	49
144,388	159,749	896,882	1,071	45,541	16,717	2,334,070	14,180	4,190,613	1,842,363	136	.....	.....	.....	.....	136	.....	50
24,158	23,995	44,192	18,000	4,830	4,142	187,563	1,674	344,396	155,159	40	25	.....	.....	.....	15	.....	51
50,753	35,143	194,410	.....	24,503	2,166	536,289	5,854	928,209	386,066	26	.....	.....	.....	.....	26	.....	52
281,055	257,788	701,463	7,018	87,664	119,074	3,932,726	40,911	6,336,794	2,363,157	1,247	365	.....	30	.....	852	67	53
11,522	10,603	53,654	1,000	11,490	5,676	336,678	2,038	522,252	183,536	55	.....	.....	.....	.....	55	.....	54
110,381	110,739	119,709	.....	26,922	30,657	946,721	16,474	1,604,333	641,138	539	345	.....	.....	.....	194	22	55
62,345	85,082	155,237	.....	19,091	6,650	640,903	4,016	1,155,314	510,395	116	20	.....	.....	.....	96	45	56
96,807	51,364	372,863	6,018	30,161	76,091	2,008,424	18,383	3,054,895	1,028,088	537	.....	.....	30	.....	507	.....	57
820,353	153,395	2,226,295	2,865	23,503	464,795	968,532	1,545,986	10,093,263	7,578,745	41,110	16,095	2,185	27	30	22,773	1,278	58
136,565	62,019	103,142	.....	20,735	24,274	743,094	14,857	1,391,492	633,541	980	.....	.....	.....	.....	980	.....	59
594,848	463,955	4,258,345	2,444	54,215	562,005	5,854,084	128,659	14,880,789	8,898,046	3,048	150	.....	25	.....	2,873	410	60
393,135	386,598	3,846,614	.....	.....	2,929,894	30,839,824	20,686,934	64,762,411	13,235,653	80,118	54,670	10,148	15,300	.....	.....	35,155	61
3,769,826	3,941,425	34,963,671	4,537	11,833	11,730,259	89,840,859	10,478,619	173,344,650	73,025,172	242,227	135,385	55,022	24,025	.....	27,795	132,335	62
260,552	115,398	1,030,701	299	18,871	381,062	2,985,055	84,124	6,108,948	3,039,769	1,463	946	.....	.....	.....	517	662	63

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

[4] Same number reported throughout the year.

TABLE 43.—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	Iron and steel, doors and shutters	7	536	.....	31	34	11	460	Ja	528	Se	427	403	403	.....	.....	.....	1,213,798
2	Iron and steel forgings, not made in steel works or rolling mills.	24	2,638	2	144	113	51	2,328	Ja	2,826	Je	1,745	2,324	2,277	47	.....	.....	12,085,072
3	Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	7	218	4	15	29	7	163	No [3]	180	Fe [3]	154	179	124	55	.....	.....	1,094,384
4	Iron and steel, tempering and welding	18	151	17	16	13	9	96	De	110	Mh [3]	86	109	107	1	1	.....	344,927
5	Japanning	3	91	2	5	2	2	80	My [3]	86	Fe	70	87	81	5	1	.....	46,034
6	Jewelry	78	1,328	68	77	108	83	992	De	1,113	Mh	916	1,110	889	209	12	.....	5,698,596
7	Jewelry and instrument cases	8	247	4	15	1	5	222	No	236	Ja	211	230	100	120	6	4	256,411
8	Knit goods	58	5,538	31	147	104	161	5,095	No	5,213	Ap	4,940	5,148	1,441	3,520	59	128	16,459,583
9	Labels and tags	13	914	7	42	89	82	694	Oc	768	Jy	612	756	448	297	4	7	2,473,797
10	Lamps and reflectors	27	1,479	27	78	63	121	1,190	De	1,496	Mh	952	1,511	827	645	15	24	2,888,862
11	Lapidary work	4	57	1	7	3	5	41	Je [3]	45	Ja	36	43	39	2	2	.....	121,740
12	Leather goods, not elsewhere specified	41	836	27	43	46	33	687	No	758	Mh	638	735	519	181	18	17	1,630,633
13	Leather, tanned, curried, and finished	29	4,801	25	150	137	55	4,434	No	4,694	Ja	4,144	4,617	4,046	536	13	22	38,069,464
14	Lime	11	443	11	24	23	7	378	Jy	417	Ja	304	387	386	1	.....	.....	1,542,543
15	Liquors, distilled, grain alcohol	6	386	.....	17	36	6	327	Oc	433	Jy	221	450	450	.....	.....	.....	6,529,144
16	Liquors, malt	61	3,646	5	337	441	67	2,796	Jy	3,243	De	2,273	2,280	2,245	32	3	.....	43,631,252
17	Liquors, vinous	4	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,425
18	Lithographing	31	1,380	10	91	131	65	1,083	De	1,133	Ja	1,035	1,135	870	247	7	11	4,187,623
19	Looking-glass and picture frames	60	2,282	37	124	104	73	1,944	Se	2,097	Ja	1,597	2,022	1,697	270	49	6	3,257,085
20	Lumber and timber products	163	1,949	187	78	45	23	1,616	De	2,199	Ap	1,240	2,457	2,315	141	1	.....	5,428,864
21	Lumber, planing-mill products, not including planing mills connected with sawmills.	269	6,320	176	414	408	175	5,147	No	5,786	Fe	4,216	5,663	5,518	96	49	.....	24,059,331
22	Machine tools	28	3,841	6	145	278	139	3,273	De	3,751	Je	2,713	3,764	3,624	138	2	.....	14,323,537
23	Malt	10	445	.....	34	26	7	378	Au	528	Ja	244	406	406	.....	.....	.....	7,385,657
24	Marble and stone work	247	1,619	266	117	109	46	1,081	.....	.....	.....	.....	1,202	1,197	3	2	.....	5,517,647
25	Monuments and tombstones	169	809	186	51	76	31	465	My	515	Ja	383	484	482	1	1	.....	2,450,157
26	All other	78	810	80	66	33	15	616	Jy	728	Ja	430	718	715	2	1	.....	3,067,490
27	Mattresses and spring beds, not elsewhere specified.	72	1,901	64	80	145	41	1,571	Oc	1,873	Ja	1,103	1,799	1,304	450	35	10	4,084,908
28	Millinery and lace goods, not elsewhere specified.	121	5,460	106	190	178	156	4,830	.....	.....	.....	.....	5,115	1,041	3,976	24	74	5,942,807
29	Embroideries	42	824	44	56	40	26	658	Oc	776	Ja	533	680	119	541	4	16	1,021,727
30	Trimmed hats and hat frames	50	4,099	39	108	116	101	3,735	Fe	4,165	Je	3,088	3,987	837	3,083	13	54	4,219,503
31	Dress and cloak trimmings, braids, and fringes.	4	79	4	3	.....	2	70	Au	77	Mh	61	66	14	50	.....	2	96,448
32	Women's neckwear	7	177	2	9	11	11	144	Oc	152	Ja	133	144	14	129	1	.....	195,028
33	All other	18	281	17	14	11	16	223	No	245	Fe	204	238	57	173	6	2	410,101
34	Mineral and soda waters	275	1,254	293	121	84	37	719	Au	998	Ja	515	701	650	34	17	.....	4,542,015
35	Minerals and earths, ground or otherwise treated.	26	917	5	69	67	82	694	Se	757	Ap	645	726	718	8	.....	.....	5,364,919
36	Mirrors, framed and unframed, not elsewhere specified.	12	283	16	20	9	15	223	Oc	285	Jy	125	266	262	4	.....	.....	962,280
37	Models and patterns, not including paper patterns.	88	649	98	34	10	17	490	De	533	Ja	432	530	504	13	12	1	689,598
38	Motorcycles, bicycles, and parts	7	1,179	.....	33	35	29	1,082	My	1,262	Fe	416	1,137	1,097	40	.....	.....	2,456,460
39	Mucilage, paste, and other adhesives, not elsewhere specified.	13	170	8	18	17	24	103	Jy	117	Mh	87	104	58	43	.....	3	488,881
40	Musical instruments and materials, not specified.	23	766	8	35	27	27	669	No	735	Ja	584	717	635	55	18	9	1,416,943
41	Musical instruments, organs	10	317	2	15	13	14	273	Jy	291	Ja	242	290	246	39	3	2	925,285
42	Musical instruments, pianos	33	7,781	7	168	337	278	6,991	Oc	7,439	Ja	6,417	7,539	6,629	721	129	60	42,005,469
43	Musical instruments, piano and organ materials.	9	1,402	1	41	19	30	1,311	Au	1,391	Ja	1,214	1,305	808	465	20	12	2,478,296
44	Needles, pins, and hooks and eyes	3	465	.....	20	57	37	351	No	381	Se	338	382	108	195	7	72	1,263,708
45	Oil, not elsewhere specified	16	266	4	37	84	40	101	Au	118	Ja	79	124	119	5	.....	.....	2,081,227
46	Oleomargarine and other butter substitutes.	9	1,693	.....	85	170	127	1,311	Ja	1,594	Je	947	1,528	1,253	269	.....	6	12,506,017
47	Optical goods	22	544	8	46	59	55	376	Mh	420	Jy	277	397	298	91	6	2	1,038,670
48	Paints	50	4,365	15	271	998	441	2,640	De	3,002	Ap	2,482	2,825	2,539	284	2	.....	27,648,999
49	Paper and wood pulp	19	2,002	.....	81	62	28	1,831	Jy	1,941	Mh	1,687	1,973	1,893	79	1	.....	13,928,744
50	Paper goods, not elsewhere specified	20	786	4	56	117	66	543	Mh	610	No	475	539	340	188	3	8	2,501,059
51	Patent medicines and compounds	208	3,696	124	301	964	708	1,599	.....	.....	.....	.....	1,675	842	768	18	47	16,991,395
52	Patent and proprietary medicines	148	2,552	90	203	673	547	1,039	De	1,121	Ja	973	1,100	559	493	13	35	11,915,328
53	Patent and proprietary compounds, not elsewhere specified.	60	1,144	34	98	291	161	560	Fe	654	Ap	502	575	283	275	5	12	5,076,067
54	Paving materials	32	1,136	11	73	71	22	959	My	1,131	Ja	611	980	980	.....	.....	.....	7,923,102
55	Perfumery and cosmetics	75	1,390	40	129	112	399	710	De	815	Ja	605	815	207	574	10	24	4,371,602
56	Petroleum, refining	13	2,932	2	84	313	85	2,448	No	2,589	Ja	2,354	2,558	2,507	51	.....	.....	36,342,555
57	Phonographs and graphophones	36	2,225	12	122	91	81	1,919	De	2,649	Ja	1,245	2,667	2,475	171	16	5	6,570,855
58	Photo-engraving	31	1,209	11	84	177	65	962	De	1,018	Ja	885	1,007	931	55	20	1	1,711,406
59	Photographic apparatus	12	790	5	48	89	47	601	No	671	Ja	508	643	548	95	.....	.....	1,429,812
60	Photographic materials	13	584	5	33	36	32	478	Ap	503	Se	451	442	221	213	8	.....	1,560,950
61	Pickles, preserves, and sauces	68	2,731	44	151	183	98	2,255	.....	.....	.....	.....	2,718	1,345	1,347	10	16	11,008,502
62	Preserves	16	1,248	2	65	76	33	1,072	Oc	1,238	Fe	915	1,179	452	723	.....	4	5,048,782
63	Pickles and sauces	52	1,483	42	86	107	65	1,183	Oc	1,845	Jy	784	1,539	893	624	10	12	5,959,720
64	Pipes, tobacco	5	129	2	8	16	5	98	De [3]	104	Jy [3]	93	104	73	30	.....	1	438,869
65	Plumbers' supplies, not elsewhere specified.	18	2,576	7	112	233	128	2,096	No	2,493	Ap	1,704	2,490	2,263	222	5	.....	11,588,348
66	Pocketbooks	10	122	9	9	11	10	83	No	111	Ja	67	99	59	40	.....	.....	252,604
67	Pottery	14	746	4	42	32	16	652	Ap	774	Au	459	770	624	140	5	1	2,760,691

[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. Salaries and wages. Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent and taxes. Rent of factory.	Taxes, Federal, state, county, and local.	For materials. Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	POWER. Primary horsepower. Total.	Owned. 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.								
136,923	50,481	642,835	4,225	14,195	16,322	1,268,411	20,301	2,367,992	1,079,280	500	.....	.....	.....	.....	500	.....	1
710,889	257,021	3,181,551	3,840	29,392	820,193	7,233,758	841,779	15,207,256	7,131,719	10,737	1,523	3,085	125	.....	6,004	2,863	2
46,480	48,449	174,633	.....	2,050	29,541	846,843	18,345	1,414,908	549,720	428	75	.....	65	.....	288	.....	3
54,482	23,406	122,116	13,780	11,343	7,812	246,205	10,483	534,782	278,094	187	75	.....	.....	.....	112	.....	4
16,540	3,730	65,046	.....	6,456	330	19,853	5,214	136,148	111,081	22	.....	.....	.....	.....	22	.....	5
409,813	256,382	1,301,130	108,638	107,418	199,771	2,618,048	19,001	6,082,086	3,445,037	455	100	.....	20	.....	335	150	6
63,851	7,871	181,247	.....	11,115	17,414	326,961	4,246	697,719	366,512	130	.....	.....	.....	.....	130	.....	7
592,216	490,012	3,808,741	488,017	118,662	796,128	11,526,862	174,170	20,460,360	8,759,328	3,644	1,447	.....	30	.....	2,167	765	8
221,850	229,419	627,388	10,787	38,898	133,004	1,295,883	24,627	3,428,419	2,107,909	637	.....	.....	298	.....	339	14	9
277,368	237,160	1,010,445	18,320	58,609	66,056	2,449,475	30,063	5,075,228	2,595,690	516	.....	.....	.....	.....	516	.....	10
16,100	7,305	52,218	.....	4,740	9,710	82,962	1,448	312,681	228,271	25	.....	.....	.....	.....	25	1	11
182,389	104,978	652,853	312	47,361	44,977	2,252,890	25,318	3,921,630	1,643,422	523	175	.....	.....	.....	348	.....	12
1,082,667	419,945	5,246,980	411,113	30,248	1,233,875	42,139,911	512,322	60,323,659	17,671,426	14,626	8,494	2,890	.....	.....	3,242	9,396	13
56,722	34,087	409,141	.....	393	34,970	233,157	97,495	1,064,548	733,896	1,668	370	.....	.....	.....	1,298	.....	14
104,201	53,748	369,127	.....	13,240	51,200	3,548,174	234,192	4,821,200	1,038,834	4,564	3,269	260	20	.....	1,015	1,057	15
1,281,817	1,202,589	3,783,065	11,304	9,384	5,411,302	6,230,349	908,518	27,322,655	20,183,788	37,401	23,577	1,345	.....	.....	12,479	8,115	16
.....	.....	150	.....	300	77	3,945	.....	7,823	3,878	.....	.....	.....	.....	.....	.....	.....	17
416,603	440,517	1,373,085	157,546	82,837	112,157	2,199,558	44,283	6,014,666	3,770,825	1,176	127	.....	30	.....	1,019	136	18
471,271	348,289	2,091,498	3,280	130,842	137,459	2,658,425	84,551	7,160,155	4,417,179	2,112	650	.....	.....	.....	1,462	.....	19
351,572	94,819	1,673,356	32,711	32,489	219,241	2,918,281	53,003	6,330,180	3,358,896	8,311	7,572	79	63	.....	597	1,386	20
1,250,892	751,906	6,035,929	26,344	225,189	529,032	20,393,106	286,371	34,588,576	13,909,099	23,741	12,755	1,440	485	60	9,001	3,922	21
650,595	646,123	4,410,243	6,693	19,046	593,090	4,582,312	173,097	15,008,096	10,252,687	5,767	1,965	.....	12	16	3,774	1,690	22
175,662	58,151	546,686	115	35,625	183,191	5,885,329	352,933	8,019,944	1,781,682	7,211	5,865	750	.....	.....	596	3,770	23
268,395	201,962	1,498,329	74,030	66,395	49,445	3,373,904	137,722	7,442,776	3,931,150	6,089	1,265	.....	629	.....	4,195	90	24
108,554	126,913	641,466	37,007	39,280	20,095	1,537,511	47,481	3,518,036	1,933,044	1,807	420	.....	244	.....	1,143	90	25
159,841	75,049	856,863	37,023	27,115	29,350	1,836,393	90,241	3,924,740	1,998,106	4,282	845	.....	385	.....	3,052	.....	26
283,070	296,721	1,587,568	390	105,052	72,154	4,773,933	72,715	8,724,833	3,878,185	2,008	550	.....	53	.....	1,405	245	27
666,331	608,422	4,466,165	58,528	264,544	209,532	10,637,472	91,974	19,848,622	9,119,176	1,262	665	.....	5	.....	592	460	28
157,662	78,847	586,505	31,424	47,482	12,931	1,103,211	10,567	2,387,661	1,273,883	110	.....	.....	5	.....	105	.....	29
433,829	440,166	3,520,153	3,597	185,436	185,327	8,711,796	74,025	15,667,658	6,881,837	1,018	665	.....	.....	.....	353	460	30
7,100	2,256	65,325	4,886	5,290	254	88,024	687	199,485	110,774	11	.....	.....	.....	.....	11	.....	31
38,243	44,686	125,392	16,073	9,587	9,053	257,047	1,919	638,708	379,742	32	.....	.....	.....	.....	32	.....	32
29,497	42,467	168,790	2,548	16,749	1,967	477,394	4,776	955,110	472,940	91	.....	.....	.....	.....	91	.....	33
236,870	102,292	769,670	8,678	69,590	167,590	2,319,995	68,123	5,231,749	2,843,631	1,471	433	.....	75	.....	963	5	34
233,478	134,197	823,851	1,097	11,980	67,493	819,713	323,869	3,136,923	1,993,341	10,840	6,539	1,020	327	100	2,854	429	35
52,177	30,910	274,121	1,443	20,718	35,599	1,106,309	15,134	1,791,360	669,917	407	260	.....	.....	.....	147	69	36
86,023	27,656	754,334	6,822	49,037	6,202	347,536	20,118	1,636,787	1,269,133	626	.....	.....	6	.....	620	.....	37
216,698	44,500	1,329,104	.....	97,615	73,000	1,937,440	35,997	4,852,039	2,878,602	1,370	925	270	.....	.....	175	965	38
68,593	46,986	96,613	.....	8,195	6,410	696,271	9,930	1,173,678	467,477	366	.....	.....	.....	.....	366	.....	39
170,559	62,494	694,716	5,732	22,234	37,112	773,058	26,256	2,170,915	1,371,601	628	35	.....	.....	.....	593	.....	40
49,832	25,326	267,981	1,796	10,144	19,276	327,024	15,562	869,167	526,581	425	125	.....	.....	.....	300	40	41
924,736	857,240	7,654,467	.....	119,170	1,145,210	12,648,605	306,056	30,848,147	17,893,486	8,421	5,485	600	.....	.....	2,336	2,968	42
163,541	46,898	1,195,642	750	14,013	69,670	2,180,777	60,350	4,537,741	2,296,614	1,629	1,250	.....	25	.....	354	1,225	43
223,075	159,092	284,358	.....	10,969	49,937	738,352	18,067	1,941,030	1,184,611	193	.....	.....	.....	.....	193	.....	44
126,444	178,818	122,955	6,065	20,305	32,286	3,926,580	17,957	5,864,676	1,920,139	463	249	.....	.....	.....	214	.....	45
378,608	470,502	1,638,234	.....	39,360	1,088,597	37,059,295	183,218	44,255,812	7,013,299	3,649	2,655	.....	.....	25	969	1,357	46
171,066	102,307	395,236	38,044	59,082	47,697	1,197,127	10,951	2,650,359	1,442,281	154	.....	.....	.....	.....	154	.....	47
1,200,322	2,110,035	2,650,880	1,708	82,907	592,709	29,040,877	584,636	43,061,694	13,436,181	11,835	4,785	.....	75	.....	6,975	3,621	48
375,247	147,791	2,130,263	.....	17,490	840,480	8,162,201	1,050,252	14,356,529	5,144,076	22,438	18,233	1,461	10	2,550	184	5,629	49
300,080	309,175	507,529	2,000	38,611	288,797	2,972,047	28,981	5,588,956	2,587,928	756	.....	.....	.....	.....	756	.....	50
1,511,586	2,418,493	1,217,052	425,236	163,072	1,270,437	11,153,418	101,018	25,395,228	14,140,792	2,642	720	.....	83	1	1,838	817	51
871,878	1,719,912	758,697	411,922	116,777	1,044,013	6,332,779	51,912	16,466,017	10,081,326	1,204	465	.....	18	1	720	611	52
639,708	698,581	458,355	13,314	46,295	226,424	4,820,639	49,106	8,929,211	4,059,466	1,438	255	.....	65	.....	1,118	206	53
232,586	117,816	1,111,842	.....	35,624	43,691	716,919	289,711	3,092,549	2,085,919	17,020	5,629	1,203	170	.....	10,018	.....	54
516,200	471,781	772,710	3,107	91,021	283,650	3,405,086	16,345	8,775,561	5,354,130	348	.....	.....	.....	.....	348	.....	55
396,509	677,877	3,483,872	5,583	5,260	2,786,198	50,550,881	3,502,477	64,548,642	10,495,284	5,106	3,457	228	75	.....	1,346	5,167	56
404,373	249,708	2,210,993	63,401	68,386	360,952	7,007,723	88,535	12,841,682	5,745,424	1,873	250	.....	.....	.....	1,623	300	57
389,975	367,783	1,464,361	47,018	84,548	93,117	631,305	38,252	4,159,636	3,490,079	570	.....	.....	.....	.....	570	.....	58
160,910	118,576	634,852	.....	27,910	44,397	959,475	18,135	2,575,256	1,597,646	511	.....	.....	.....	.....	511	.....	59
92,343	84,565	392,210	.....	27,769	97,823	1,470,338	18,658	2,613,632	1,124,636	720	300	.....	.....	.....	420	325	60
470,417	395,406	1,913,875	3,054	86,580	408,811	11,859,455	180,570	19,046,228	7,006,203	3,149	1,878	.....	117	.....	1,154	708	61
223,029	179,387	813,418	.....	65,563	155,335	6,920,463	112,618	9,812,819	2,779,738	1,302	910	.....	.....	.....	392	243	62
247,388	216,019	1,100,457	3,054	21,017	253,476	4,938,992	67,952	9,233,409	4,226,465	1,847	968	.....	117	.....	762	465	63
45,518	38,479	97,472	.....	13,036	11,814	150,570	5,610	456,011	299,831	153	.....	.....	.....	.....	153	.....	64
318,905	385,747	2,045,616	5,410	39,080	67,190	4,556,614	139,452	10,197,437	5,501,371	4,127	2,206	.....	80	.....	1,841	933	65
63,260	27,031	82,130	.....	8,680	1,759	161,179	847	376,511	214,485	22	.....	.....	.....	.....	22	.....	66
114,713	59,794	592,226	.....	3,126	97,998	259,526	129,164	1,851,898	1,463,208	1,207	745	.....	20	.....	442	12	67

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

TABLE 43.—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.	23	242	16	19	14	11	182	De 373	Mh 85	287	227	59	1	.....	476,830
2	Printing and publishing, book and job.	1,240	28,861	1,021	1,540	2,290	2,371	21,639	.....	.....	23,775	17,386	5,518	514	357	70,260,836
3	Job printing	1,065	25,059	923	1,225	1,446	1,077	20,388	De 22,194	Ap 19,093	22,419	16,412	5,162	491	354	53,872,001
4	Book publishing and printing	14	591	4	37	106	34	410	De 435	Ja 397	441	296	143	2	.....	1,415,609
5	Book publishing without printing.	135	2,527	71	239	699	1,230	288	Oc 369	Fe [3] 252	252	122	123	4	3	11,067,177
6	Linotype work and typesetting	26	684	23	39	39	30	553	Se 617	Ja 483	663	556	90	17	.....	3,906,049
7	Printing and publishing, music	26	241	18	22	24	66	111	De [3] 126	Ja 99	124	64	56	4	.....	677,430
8	Printing and publishing, newspapers and periodicals.	1,204	19,604	891	1,544	3,612	3,437	10,120	.....	.....	10,579	8,037	1,847	607	88	54,099,750
9	Printing and publishing	91	6,718	45	364	1,250	1,093	3,966	De 4,017	Ja 3,922	4,121	3,430	358	317	16	25,214,534
10	Printing, publishing, and job printing.	738	9,130	711	520	1,458	796	5,645	De 5,836	Ap 5,520	5,914	4,339	1,226	288	61	21,486,260
11	Publishing without printing	375	3,756	135	660	904	1,548	509	No 547	Jy 478	544	268	263	2	11	7,398,956
12	Printing materials	11	440	6	24	37	34	339	No 444	Ja 242	315	279	35	1	.....	5,298,897
13	Pumps, not including power pumps	19	560	7	49	23	24	457	Oc 476	Je 439	366	332	34	.....	.....	1,712,733
14	Pumps, steam and other power	10	597	2	43	49	30	473	De 544	Ap 432	544	538	.....	6	.....	2,397,642
15	Refrigerators	9	349	4	16	12	8	309	Je [3] 337	Ja [3] 281	340	340	.....	.....	.....	898,984
16	Regalia, and society badges and emblems.	14	303	7	22	32	25	217	Ja [3] 231	Ap 197	234	76	155	3	.....	567,729
17	Roofing materials	25	3,618	1	159	539	197	2,722	De 3,125	Fe 2,074	3,164	3,029	133	2	.....	18,161,631
18	Rubber tires, tubes, and rubber goods, not elsewhere specified.	20	795	5	49	52	39	650	Jy 752	Ja 532	750	581	165	3	1	2,790,374
19	Saddlery and harness	183	1,241	206	46	69	33	887	Ja 1,042	Jy 782	996	939	56	1	.....	3,860,973
20	Sausage, not made in slaughtering and meat-packing establishments.	54	980	55	46	52	31	796	.....	.....	836	591	245	.....	.....	3,171,116
21	Sausage	48	619	50	30	39	20	480	Jy 496	Fe 453	495	434	61	.....	.....	1,433,348
22	Sausage casings	6	361	5	16	13	11	316	Jy 361	Fe 286	341	157	184	.....	.....	1,737,768
23	Scales and balances	16	845	7	52	51	36	699	Mh 784	De 632	821	784	27	10	.....	2,917,400
24	Screws, machine	24	2,081	10	128	54	78	1,811	No 1,993	My 1,672	2,017	1,727	278	12	.....	8,558,812
25	Sewing machines and attachments	5	2,501	2	76	286	177	1,960	De 2,275	Jy 1,438	2,276	2,054	194	27	1	8,115,991
26	Shipbuilding, wooden, including boat building.	9	139	8	5	3	1	122	Je 181	Au 96	141	141	.....	.....	.....	479,365
27	Shirts	30	1,002	13	56	49	42	842	De 920	Ja 786	941	159	765	1	16	2,304,813
28	Show cases	9	250	12	16	12	5	205	De 226	Ja 164	228	218	8	2	.....	611,000
29	Signs and advertising novelties	109	2,846	76	189	452	246	1,883	.....	.....	2,103	1,161	863	36	43	6,507,982
30	Signs, electric and other	69	941	52	86	182	58	563	De 597	Ja 500	647	566	78	3	.....	2,728,484
31	Advertising novelties	40	1,905	24	103	270	188	1,320	De 1,453	Ja 1,111	1,456	595	785	33	43	3,779,498
32	Silversmithing and silverware	5	53	3	9	2	3	36	Oc [3] 42	Ja [3] 33	41	40	1	.....	.....	111,466
33	Slaughtering and meat packing	72	62,990	31	1,614	5,541	1,625	54,179	Ja 65,114	My 50,048	53,973	47,248	6,703	17	5	430,375,561
34	Smelting and refining, zinc	7	4,506	.....	110	148	24	4,224	Ja 4,791	No 3,622	4,085	4,084	1	.....	.....	29,894,439
35	Smelting and refining, not from the ore.	17	557	16	24	25	13	479	Se 516	Ja 446	519	512	6	1	.....	4,029,477
36	Soap	29	3,039	10	123	462	174	2,270	Se 2,507	Mh 1,959	2,493	1,530	892	12	59	14,907,810
37	Sporting and athletic goods	33	602	21	43	37	30	471	De 572	Jy 409	581	431	141	4	5	1,533,149
38	Springs, steel, car and carriage, not made in steel works or rolling mills.	12	1,324	3	61	84	72	1,104	Oc 1,222	Ja 985	1,182	918	226	16	22	5,315,541
39	Stamped and enameled ware, not elsewhere specified.	22	2,733	3	74	114	92	2,450	De 2,797	Ja 1,824	2,812	1,992	791	25	4	12,034,562
40	Stationery goods, not elsewhere specified.	32	2,180	20	109	224	159	1,668	De 2,105	Ap 1,451	2,109	1,162	908	13	26	7,623,135
41	Statuary and art goods	15	513	9	24	31	11	438	De 493	Ja 394	494	477	13	4	.....	822,876
42	Steam fittings and steam and hot-water heating apparatus.	28	11,588	4	199	1,104	353	9,928	.....	.....	12,099	11,212	882	5	.....	29,181,052
43	Radiators and cast-iron heating boilers.	8	666	1	26	68	26	545	De 788	Ja 311	787	786	.....	1	.....	2,647,963
44	All other	20	10,922	3	173	1,036	327	9,383	De 11,311	Au 5,938	11,312	10,426	882	4	.....	26,533,089
45	Steam packing	19	549	7	37	81	39	385	No 499	Ja 318	496	304	145	20	27	2,036,870
46	Steel barrels, drums, and tanks	4	268	2	21	24	19	202	De 241	Ap 145	241	222	19	.....	.....	1,491,895
47	Stencils and brands	5	18	5	.....	.....	.....	13	De 14	Mh 12	15	12	1	2	.....	20,412
48	Stereotyping and electrotyping	26	884	10	72	68	28	706	No 750	Ap 527	741	724	6	11	.....	1,417,930
49	Stoves and hot-air furnaces	56	5,841	9	298	411	243	4,880	.....	.....	5,310	5,049	10	251	.....	18,379,532
50	Stoves and ranges	41	5,189	6	239	367	211	4,366	No 4,936	Ja 2,823	4,756	4,500	9	247	.....	16,555,666
51	Hot-air furnaces	15	652	3	59	44	32	514	Oc 568	Fe 474	554	549	1	4	.....	1,823,866
52	Stoves, gas and oil	13	774	2	40	74	26	632	No 810	Ja 494	821	748	71	2	.....	3,858,123
53	Structural ironwork, not made in steel works or rolling mills.	115	4,908	47	356	555	160	3,790	Ja 4,348	My 3,457	4,049	4,044	5	.....	.....	19,594,391
54	Sulphuric, nitric, and mixed acids	3	1,032	.....	32	81	44	875	Oc 1,008	My 727	920	918	2	.....	.....	7,577,182
55	Tinware, not elsewhere specified	28	6,669	14	168	350	210	5,927	Jy 6,649	De 5,482	5,495	3,609	1,855	20	11	40,017,260
56	Tobacco, cigars and cigarettes	1,182	4,908	1,312	104	103	26	3,363	.....	.....	3,972	2,673	1,243	44	12	5,137,179
57	Cigars	1,173	4,893	1,305	103	102	25	3,358	De 3,648	Se 2,671	3,965	2,668	1,242	43	12	5,122,770
58	Cigarettes	9	15	7	1	1	1	5	(4) 5	(4) 5	7	5	1	1	.....	14,409
59	Tools, not elsewhere specified	114	3,708	74	245	177	214	2,998	.....	.....	3,336	3,188	134	11	3	10,717,368
60	Carpenters' tools, not elsewhere specified.	6	194	3	11	15	11	154	De 201	Je 113	212	203	9	.....	.....	423,318
61	Machinists' tools	57	2,381	38	155	97	132	1,959	De 2,125	Ap 1,777	2,124	2,027	91	4	2	6,526,354
62	All other	51	1,133	33	79	65	71	885	Ja 1,003	My 724	1,000	958	34	7	1	3,767,696
63	Toys and games	36	753	34	41	30	37	611	No 794	Ja 365	802	399	359	28	16	1,094,674
64	Trunks and valises	61	1,495	58	85	130	41	1,181	De 1,299	Ja 1,039	1,312	1,101	201	4	6	3,639,108
65	Type founding	3	16	3	1	.....	.....	12	(4) 12	(4) 12	13	11	2	.....	.....	28,002

[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.								
49,582	30,040	195,879	.....	11,583	3,632	3,736,476	12,525	4,733,416	984,415	206	84	.....	.....	.....	122	.....	1
6,124,489	6,236,738	27,380,468	5,527,964	1,965,897	1,424,260	41,675,229	815,520	110,886,458	68,395,709	23,065	4,136	442	94	.....	18,393	3,784	2
4,955,703	3,361,101	25,804,264	1,006,826	1,680,787	1,275,110	39,332,048	775,226	92,232,447	52,125,173	22,487	4,136	442	94	.....	17,815	3,784	3
183,577	341,444	469,789	49,633	60,728	36,737	817,281	11,937	2,521,467	1,692,249	388	.....	.....	.....	.....	388	.....	4
833,220	2,458,665	217,212	4,418,639	184,667	102,304	1,330,607	3,918	14,301,220	12,966,695	16	.....	.....	.....	.....	16	.....	5
151,989	75,528	889,203	52,866	39,715	10,109	195,293	24,439	1,831,324	1,611,592	174	.....	.....	.....	.....	174	.....	6
82,583	93,053	112,172	157,121	20,495	36,253	375,920	3,287	1,211,810	832,603	74	.....	.....	.....	.....	74	.....	7
5,564,915	9,534,888	11,407,047	6,265,024	1,087,750	2,176,112	29,440,143	544,779	88,945,960	58,961,038	14,037	2,667	.....	531	6	10,833	2,248	8
1,744,746	3,718,147	4,969,591	360,249	189,182	1,439,425	14,914,907	217,299	36,027,313	20,895,107	5,253	615	.....	5	.....	4,633	275	9
1,379,720	2,654,507	5,885,304	300,929	561,232	287,999	10,058,026	305,086	26,641,359	16,278,247	8,423	1,752	.....	486	6	6,179	1,967	10
2,440,449	3,162,234	552,152	5,603,846	337,336	448,688	4,467,210	22,394	26,277,288	21,787,684	361	300	.....	40	.....	21	6	11
109,248	142,605	360,157	.....	45,232	81,569	560,448	28,953	1,812,376	1,192,975	719	.....	.....	45	.....	674	.....	12
157,622	66,815	523,247	2,849	9,431	68,497	615,305	22,994	1,853,118	1,214,819	806	105	.....	40	160	501	100	13
161,815	72,566	558,603	1,200	15,386	209,785	768,780	28,255	2,223,040	1,426,005	925	275	.....	.....	.....	650	203	14
58,093	19,147	325,322	4,723	6,992	20,147	375,815	10,678	1,198,255	811,762	455	125	206	.....	.....	124	.....	15
61,528	45,622	169,983	6,191	13,523	29,612	471,530	5,221	937,141	460,390	97	.....	.....	.....	.....	97	.....	16
563,691	1,167,219	3,120,209	156,263	8,753	334,654	16,688,437	829,639	27,561,165	10,043,089	9,425	4,754	60	.....	1,920	2,691	5,391	17
260,824	157,785	676,524	.....	11,073	115,225	1,892,770	90,730	4,134,804	2,151,304	2,460	450	.....	10	.....	2,000	.....	18
153,678	137,079	1,058,949	150	61,287	90,331	4,501,909	28,460	7,032,469	2,502,100	606	120	.....	13	.....	473	105	19
176,037	94,969	1,177,295	200,000	45,106	131,220	7,433,979	78,873	10,063,899	2,551,047	1,470	101	.....	15	.....	1,354	.....	20
135,742	73,173	672,139	200,000	30,671	98,241	6,254,948	71,800	8,100,721	1,773,973	1,381	101	.....	15	.....	1,265	.....	21
40,295	21,796	505,156	.....	14,435	32,979	1,179,031	7,073	1,963,178	777,074	89	.....	.....	.....	.....	89	.....	22
146,854	94,715	914,463	.....	58,060	178,995	1,238,545	34,730	3,200,909	1,933,634	1,170	.....	.....	.....	.....	1,170	.....	23
432,866	159,335	2,085,322	7,548	43,646	321,597	2,492,460	105,691	6,616,907	4,018,756	3,128	900	.....	12	.....	2,216	344	24
200,651	551,199	2,306,412	.....	1,500	137,756	2,287,574	89,458	7,166,783	4,789,751	2,413	1,800	.....	153	.....	460	968	25
18,871	10,237	119,573	.....	4,832	1,326	209,189	5,956	461,225	246,080	355	166	.....	9	.....	180	.....	26
232,895	155,916	647,959	13,741	71,546	66,724	2,347,138	13,929	4,199,359	1,838,292	228	80	.....	.....	.....	148	65	27
48,157	18,283	244,091	2,356	16,391	6,410	463,765	6,876	1,026,844	556,203	355	155	.....	.....	.....	200	32	28
535,135	745,158	1,664,902	117,904	88,818	121,061	2,944,547	81,648	8,246,735	5,220,540	1,383	315	.....	48	.....	1,020	11	29
169,528	128,592	737,437	11,168	49,273	15,318	1,150,039	27,976	2,643,781	1,465,766	624	315	.....	.....	.....	309	10	30
365,607	616,566	927,465	106,736	39,545	105,743	1,794,508	53,672	5,602,954	3,754,774	759	.....	.....	48	.....	711	1	31
16,228	11,497	47,044	.....	11,051	688	61,443	1,110	149,788	87,235	46	.....	.....	.....	.....	46	.....	32
5,302,197	9,852,654	79,982,535	17,275	201,266	4,094,287	1,136,106,748	6,843,744	1,284,103,016	141,152,524	86,636	51,459	10,193	.....	.....	24,984	33,242	33
417,086	320,331	4,993,880	.....	.....	366,679	15,812,236	2,641,012	24,953,952	6,500,704	19,796	10,747	5,667	140	.....	3,242	7,050	34
110,244	60,166	637,087	.....	20,220	50,642	9,181,613	134,418	11,233,227	1,917,196	1,610	900	.....	18	.....	692	675	35
447,811	837,439	2,366,407	10,654	51,278	156,780	19,083,904	400,004	25,733,832	6,249,924	2,578	1,050	.....	25	.....	1,503	1,095	36
149,222	67,207	490,484	9,515	27,808	62,004	1,134,868	28,799	2,309,768	1,146,101	526	.....	.....	2	.....	524	.....	37
447,911	209,475	1,133,757	.....	47,562	582,581	3,616,632	108,544	6,937,499	3,212,323	1,797	930	.....	120	.....	747	368	38
339,797	302,611	2,463,020	14,977	70,171	302,167	4,289,735	192,553	9,215,632	4,733,344	3,669	870	.....	139	.....	2,660	175	39
451,362	573,886	1,549,716	60,269	63,336	936,991	3,176,611	53,809	8,950,598	5,720,178	1,366	.....	100	28	.....	1,238	100	40
68,351	46,477	520,316	7,949	18,108	21,106	396,986	14,019	1,640,453	1,229,448	160	60	.....	.....	.....	100	225	41
957,396	2,351,802	12,097,089	15,832	105,122	678,456	22,413,820	1,046,418	43,940,561	20,480,323	22,577	4,713	2,630	12	.....	15,222	3,915	42
125,857	150,060	712,814	.....	6,199	80,618	1,823,066	131,878	3,698,461	1,743,517	879	270	185	.....	.....	424	410	43
831,539	2,201,742	11,384,275	15,832	98,923	597,838	20,590,754	914,540	40,242,100	18,736,806	21,698	4,443	2,445	12	.....	14,798	3,505	44
175,494	90,117	393,195	.....	24,746	137,405	1,008,753	22,378	2,358,471	1,327,340	567	100	.....	60	.....	407	.....	45
105,534	43,718	184,652	.....	20,768	103,498	969,526	5,187	1,839,626	864,913	198	35	.....	.....	.....	163	.....	46
.....	.....	14,359	.....	1,457	104	9,217	374	38,350	28,759	7	.....	.....	.....	.....	7	.....	47
352,088	138,016	1,055,175	18,355	76,837	121,113	576,264	61,421	3,283,617	2,645,932	1,740	.....	.....	.....	.....	1,740	.....	48
1,097,433	1,099,996	6,536,968	.....	51,186	764,964	8,141,444	368,885	22,522,771	14,012,442	6,713	2,277	.....	117	.....	4,319	1,121	49
889,127	1,008,522	5,868,924	.....	36,753	697,627	6,739,315	335,957	19,334,392	12,259,120	6,070	2,277	.....	117	.....	3,676	1,121	50
208,306	91,474	668,044	.....	14,433	67,337	1,402,129	32,928	3,188,379	1,753,322	643	.....	.....	.....	.....	643	.....	51
129,826	195,610	747,317	1,000	11,123	102,481	2,123,997	50,016	4,015,861	1,841,848	805	575	.....	5	2	223	120	52
1,280,229	1,233,650	5,003,026	154,237	101,691	451,552	16,247,842	322,472	27,586,074	11,015,760	11,803	5,360	40	206	.....	6,197	6,952	53
182,464	181,271	1,478,766	.....	.....	168,506	1,898,106	329,839	5,056,584	2,828,639	6,056	1,970	.....	.....	.....	4,086	.....	54
655,348	753,798	6,528,028	3,963	47,339	1,421,155	28,820,596	340,833	42,832,770	13,671,341	6,754	3,147	.....	.....	.....	3,607	2,248	55
182,056	163,091	2,976,365	4,634	192,965	1,254,425	5,295,208	42,495	11,827,472	6,489,769	76	.....	.....	.....	.....	76	.....	56
180,056	160,691	2,969,685	4,634	190,138	1,245,795	5,276,226	42,187	11,781,562	6,463,149	72	.....	.....	.....	.....	72	.....	57
2,000	2,400	6,680	.....	2,827	8,630	18,982	308	45,910	26,620	4	.....	.....	.....	.....	4	.....	58
842,554	687,585	3,725,957	56,629	139,858	679,838	3,994,089	364,053	12,042,966	7,684,824	6,514	221	2,120	109	210	3,854	1,871	59
22,154	26,553	175,054	230	1,966	4,343	120,051	11,293	432,430	301,086	216	.....	.....	43	.....	173	.....	60
520,740	470,259	2,465,277	15,634	85,615	328,234	2,402,678	251,634	7,239,611	4,585,299	3,691	.....	2,120	42	150	1,379	1,871	61
299,660	190,773	1,085,626	40,765	52,277	347,261	1,471,360	101,126	4,370,925	2,798,439	2,607	221	.....	24	60	2,302	.....	62
75,114	63,197	489,958	4,504	35,857	11,253	1,010,181	19,247	2,130,068	1,101,540	475	.....	.....	8	.....	467	.....	63
358,042	339,651	1,482,445	1,500	88,166	131,032	3,824,742	28,698	7,292,902	3,439,462	706	255	.....	.....	.....	451	181	64
2,008	.....	10,232	.....	2,400	1,408	9,244	601	35,773	25,928	9	.....	.....	.....	.....	9	.....	65

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

[4] Same number reported throughout the year.

TABLE 43.—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	Typewriters and supplies	11	2,257	5	65	75	483	1,629	Do 1,770	Se 1,483	1,787	1,307	468	6	6	4,988,847
2	Upholstering materials	7	799	1	22	27	15	734	Jy 816	Ja 563	786	418	364	1	3	1,980,264
3	Varnishes	33	1,087	6	111	282	150	538	Oc 588	Fe 471	562	501	59	1	1	8,753,274
4	Vault lights and ventilators	13	179	4	23	11	9	132	Au 158	Ja [3] 101	144	144	.....	.....	.....	264,188
5	Vinegar and cider	26	242	24	20	25	10	163	.....	.....	188	180	8	.....	.....	2,006,859
6	Vinegar	15	211	15	14	23	9	150	Se 186	Do 119	146	139	7	.....	.....	1,888,214
7	Cider	11	31	9	6	2	1	13	So 37	Ja [3] 2	42	41	1	.....	.....	118,645
8	Wall paper, not made in paper mills	9	1,149	1	55	87	52	954	De 1,095	Jy 802	1,221	929	291	.....	1	4,418,119
9	Wall plaster and composition flooring	11	273	1	31	41	28	172	Se [3] 213	Ja 116	186	178	8	.....	.....	897,522
10	Washing machines and clothes wringers	21	2,446	4	108	395	192	1,747	Oc 2,248	Ja 1,222	2,376	2,333	41	2	.....	9,176,002
11	Waste, cotton	4	135	3	11	5	3	113	No [3] 118	Fe 108	118	89	29	.....	.....	415,876
12	Watch materials, except watchcases	5	117	4	3	3	9	98	Je 127	Mh 81	89	19	68	.....	2	90,402
13	Windmills	8	885	2	55	69	25	734	De 843	Je 424	850	844	2	4	.....	3,627,118
14	Window and door screens and weather strips	26	280	23	29	10	17	201	.....	.....	210	175	33	2	.....	963,941
15	Window and door screens	16	215	19	13	5	7	171	My 217	Ja 116	172	141	30	1	.....	451,792
16	Weather strips	10	65	4	16	5	10	30	De 39	My 25	38	34	3	1	.....	512,149
17	Window shades and fixtures	59	1,617	49	64	84	76	1,344	No 1,508	Ja 1,144	1,511	1,134	375	2	.....	6,346,737
18	Wire	10	3,282	.....	133	275	99	2,775	Au 3,309	Oc 1,468	3,109	3,005	104	.....	.....	15,477,020
19	Wirework, not elsewhere specified	49	1,120	36	101	73	89	821	.....	.....	874	758	106	9	1	4,005,517
20	Woven-wire fencing	7	407	3	37	38	41	288	Au 330	Ja 252	316	316	.....	.....	.....	2,345,031
21	All other	42	713	33	64	35	48	533	Jy 576	Ja 509	558	442	106	9	1	1,660,486
22	Wood preserving	7	564	.....	28	16	2	518	Je 585	Fe 425	562	562	.....	.....	.....	2,252,853
23	Wood, turned and carved	28	747	19	32	64	26	606	Oc 658	Ja 559	652	594	41	14	3	1,319,317
24	Wooden goods, not elsewhere specified	9	215	5	13	18	9	170	Je 199	No 150	167	154	9	4	.....	581,630
25	Wool pulling	5	69	5	6	2	.....	56	De 83	My 30	83	83	.....	.....	.....	187,822
26	Woolen goods	4	513	.....	18	13	.....	482	Je 499	Ja 451	498	304	187	3	4	1,928,633
27	All other industries*	299	39,965	192	1,253	2,510	1,602	34,408	.....	.....	.....	.....	.....	.....	.....	174,944,487

*All other industries embrace—

Aeroplanes, seaplanes, and airships, and parts	1
Ammunition	1
Bags, paper, not including bags made in paper mills	4
Bells	1
Belting and hose, rubber	1
Belting and hose, woven, other than rubber	2
Boot and shoe cut stock	7
Boot and shoe findings	5
Chewing gum	6
Chocolate and cocoa products	1
Clocks	5
Cloth, sponging and refinishing	4
Clothing, horse	3
Combs and hairpins, not made from metal or rubber	1
Cordage and twine	3
Cork, cutting	3
Cotton lace	1
Crucibles, graphite	1
Dyestuffs and extracts—natural	3
Feathers and plumes	2
Felt goods	1
Files	2
Fire extinguishers, chemical	3
Firearms	1
Fireworks	4
Flax and hemp, dressed	1
Glucose and starch	4
Gold and silver, reducing and refining, not from the ore	4
Graphite, ground and refined	1
Grease and tallow, not including lubricating greases	42
Haircloth	1
Hammocks	2
Hardware, saddlery	1
Hats, wool-felt	4
Horseshoes, not made in steel works or rolling mills	1
Ink, writing	5
Iron and steel, wrought pipe	2
Ivory, shell, and bone work, not including combs and hairpins	3

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

1	CHICAGO—All industries	10,537	502,100	8,182	21,877	42,732	25,367	403,942	No 428,702	My 381,980	433,022	332,094	94,761	2,694	3,473	2,074,692,014
2	Aluminum manufactures	3	62	4	8	.....	2	48	De [3] 66	Fe 26	66	65	1	.....	.....	127,160
3	Artificial stone products	21	253	16	28	12	13	184	Je 210	Fe 138	207	207	.....	.....	.....	884,276
4	Artists' materials	8	40	5	3	3	2	27	Se [3] 29	Ja 24	29	23	4	1	1	129,587
5	Automobile bodies and parts	136	4,353	93	285	300	238	3,437	De 4,021	Ja 2,724	4,027	3,680	337	5	5	9,953,379
6	Automobiles	13	1,973	2	131	265	112	1,463	No 1,558	Ap 1,369	1,546	1,545	1	.....	.....	11,390,074
7	Automobile repairing	207	1,852	215	110	100	60	1,367	Jy 1,425	Ja 1,275	1,395	1,378	16	1	.....	2,530,840
8	Awnings, tents, and sails	36	410	37	34	49	20	270	Je 352	Ja 196	269	139	112	12	6	1,239,706
9	Billiard tables and accessories	3	39	1	3	3	2	30	(4) 30	(4) 30	30	15	15	.....	.....	72,525
10	Bluing	5	54	5	4	5	.....	40	Se 61	Ja [3] 30	34	12	18	.....	4	74,812
11	Bookbinding and blank-book making	98	2,748	81	131	124	107	2,305	De 2,487	Ja 2,076	2,521	1,309	1,067	63	82	4,536,899
12	Boots and shoes	31	3,894	22	112	233	183	3,344	De 4,093	Ap 1,468	4,079	2,437	1,505	81	56	11,325,469
13	Boxes, cigar	5	201	5	5	6	4	181	De 191	Fe [3] 174	191	72	92	2	25	317,639
14	Boxes, paper and other, not elsewhere specified	70	5,239	39	231	299	181	4,489	No 4,811	My 4,237	4,821	1,872	2,049	207	693	11,119,752
15	Boxes, wooden packing, except cigar boxes	32	3,608	22	106	93	36	3,351	Ja 3,865	Jy 1,852	3,354	3,071	277	6	.....	6,575,222
16	Brass, bronze, and copper products	72	3,063	32	185	209	118	2,519	De 2,784	Je 2,114	2,781	2,567	196	17	1	10,125,743
17	Bread and other bakery products	1,338	12,810	1,423	308	1,287	379	9,413	De 10,030	My 8,325	10,223	6,977	3,113	43	90	32,017,026
18	Brick and tile, terra-cotta, and fire-clay products	9	697	.....	62	31	10	594	Oc 862	Ja 226	745	744	1	.....	.....	4,819,199
19	Brooms, from broom corn	33	443	45	10	20	10	358	Se 370	Mh 342	373	298	73	1	1	715,409
20	Brushes	37	384	36	24	25	18	281	Se 293	Ja 260	286	228	52	6	.....	1,032,764
21	Butter	6	235	1	27	24	20	163	Au 194	Ja 137	161	117	44	.....	.....	7,278,622
22	Buttons	19	249	17	9	5	6	212	Ap 222	Ja 186	206	85	117	1	3	335,272
23	Canning and preserving, fish	5	32	8	2	1	1	20	Fe [3] 22	Je [3] 17	23	20	3	.....	.....	123,377
24	Cardboard, not made in paper mills	3	155	.....	14	7	8	126	Oc 145	Ja 93	133	78	55	.....	.....	598,644
25	Carriages and sleds, children's	8	205	6	8	9	6	176	Fe 185	Ap 161	179	134	40	5	.....	230,768
26	Carriages and wagons, including repairs	49	1,439	58	63	84	24	1,210	.....	.....	1,265	1,264	.....	1	.....	8,540,591
27	Carriages and wagons	15	1,335	16	63	83	24	1,149	Oc 1,320	Je 1,052	1,206	1,206	.....	.....	.....	8,317,471
28	Repair work only	34	104	42	.....	1	.....	61	Au [3] 65	De 56	59	58	.....	1	.....	223,120
29	Cars and general shop construction and repairs by steam-railroad companies	26	17,211	.....	439	849	177	15,746	No 16,335	Ap 15,281	16,311	16,106	205	.....	.....	45,652,386

[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.								
229,623	216,994	1,624,803	.....	10,253	131,973	1,178,209	52,961	4,596,873	3,365,703	1,423	960	.....	.....	.....	463	1,052	1
139,505	86,923	702,124	4,107	33,070	14,877	1,747,339	39,908	3,901,383	2,114,136	925	110	.....	.....	.....	815	.....	2
559,278	682,254	569,772	18,410	97,711	156,889	7,798,526	77,509	11,725,607	3,849,572	2,177	1,212	.....	15	.....	950	150	3
76,619	15,590	182,247	.....	10,316	2,461	360,481	5,397	792,462	426,584	84	.....	.....	12	.....	72	.....	4
62,388	58,697	194,462	.....	11,439	80,599	1,568,421	53,357	2,445,197	823,419	1,160	819	12	67	.....	262	1	5
55,988	56,997	181,707	.....	11,288	79,486	1,477,866	51,046	2,313,008	784,096	885	603	12	33	.....	237	.....	6
6,400	1,700	12,755	.....	151	1,113	90,555	2,311	132,189	39,323	275	216	.....	34	.....	25	1	7
201,981	174,473	909,222	.....	43,265	58,558	3,254,803	73,050	5,707,927	2,380,074	2,236	979	.....	2	.....	1,255	217	8
98,084	103,572	228,468	.....	13,321	23,430	1,039,801	15,562	2,027,808	972,445	1,280	32	.....	.....	.....	1,248	.....	9
380,478	457,302	2,138,651	.....	37,387	328,694	8,515,647	58,442	14,435,533	5,861,444	1,230	.....	.....	20	6	1,204	8	10
106,447	14,193	105,401	.....	24,125	9,578	934,055	12,106	1,302,437	356,276	560	.....	.....	20	.....	540	.....	11
4,226	10,661	61,750	100	4,381	6,852	74,359	869	203,428	128,200	10	.....	.....	.....	.....	10	.....	12
186,148	128,099	898,054	.....	21,200	305,335	2,095,098	43,844	4,715,045	2,576,103	1,561	1,065	.....	81	310	105	785	13
105,296	31,566	192,288	1,800	19,650	37,677	642,100	6,510	1,328,892	680,282	511	200	.....	.....	.....	311	.....	14
42,160	18,106	159,510	.....	15,056	4,068	303,087	4,839	698,246	390,320	435	200	.....	.....	.....	235	.....	15
63,136	13,460	32,778	1,800	4,594	33,609	339,013	1,671	630,646	289,962	76	.....	.....	.....	.....	76	.....	16
227,327	370,248	1,092,383	3,201	41,452	468,794	7,831,681	137,274	11,261,292	3,292,337	3,079	695	1,325	.....	.....	1,059	2,620	17
505,313	631,450	4,605,270	.....	3,600	853,442	17,763,910	682,995	29,855,393	11,408,488	19,554	13,060	1,920	.....	100	4,474	4,484	18
316,670	202,625	871,332	1,960	39,273	297,386	4,015,123	54,986	6,957,543	2,887,434	1,390	52	.....	51	400	887	315	19
97,566	101,155	365,333	90	3,861	211,845	2,357,370	20,962	3,478,702	1,100,370	457	.....	.....	41	.....	416	.....	20
219,104	101,470	505,999	1,870	35,412	85,541	1,657,753	34,024	3,478,841	1,787,064	933	52	.....	10	400	471	315	21
74,528	25,971	638,954	93,177	1,859	73,589	1,618,683	106,622	3,142,545	1,417,240	998	883	.....	.....	.....	115	285	22
118,080	96,799	765,622	700	31,012	60,590	970,416	28,733	2,460,042	1,460,893	1,114	660	.....	15	.....	439	108	23
28,829	33,160	147,160	864	4,380	14,300	402,071	5,371	820,475	413,033	563	480	.....	3	.....	80	193	24
25,089	2,840	79,225	13,636	3,780	1,272	1,113,690	4,504	1,314,367	196,173	90	35	.....	.....	.....	55	.....	25
83,652	30,434	386,208	.....	.....	49,855	1,664,064	40,780	2,707,908	1,003,064	1,112	675	.....	.....	250	187	.....	26
5,131,275	5,744,805	40,256,709	417,485	324,562	17,217,097	214,199,541	4,071,258	352,059,714	133,788,915	82,874	33,978	18,487	468	.....	29,941	36,982	27

Jute goods	1	Pencils, lead	1	Smelting and refining, lead	2	Tin foil and other foils, not elsewhere specified	2
Lasts	1	Pens, fountain and stylographic	5	Smelting and refining metals, not elsewhere specified	1	Tobacco, chewing and smoking, and snuff	31
Lead, bar, pipe, and sheet	1	Plated ware	2	Soda-water apparatus	12	Umbrellas and canes	2
Lubricating greases	6	Pulp goods	2	Sugar, beet	1	Watchcases	4
Matches	2	Rules, ivory and wood	1	Surgical appliances	24	Watches	2
Nets and seines	2	Safes and vaults	2	Suspenders, garters, and elastic woven goods	14	Whips	2
Oil and cake, cottonseed	3	Sand and emery paper and cloth	1	Textile machinery and parts	1	Wool scouring	4
Oil, linseed	2	Saws	13	Theatrical scenery	2	Wool shoddy	2
Oilcloth and linoleum, floor	1	Sewing-machine cases	1			Worsted goods	1
Paper patterns	1	Shipbuilding, steel	2				
Peanuts, grading, roasting, cleaning, and shelling	1	Silk goods, including throwsters	4				

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

90,330,278	98,426,324	507,753,924	28,847,951	17,530,393	90,187,144	2,308,034,184	71,208,044	3,657,424,471	1,278,182,243	825,972	364,641	114,826	33,630 188	312,687	312,780	1
18,304	1,260	71,564	.....	1,570	1,755	140,636	4,499	275,262	130,127	24	.....	.....	.....	24	.....	2
68,088	32,631	225,461	625	12,529	9,387	247,923	10,743	854,869	596,203	508	130	.....	.....	378	.....	3
15,300	4,409	27,241	.....	3,376	654	81,990	660	179,201	96,551	11	.....	.....	.....	11	.....	4
980,061	708,825	4,254,885	78,288	317,081	326,747	8,229,612	207,503	18,241,093	9,803,978	4,551	30	.....	200	4,321	5	5
534,220	469,271	2,159,146	.....	85,956	2,456,813	41,417,606	79,922	51,304,371	9,806,843	942	15	.....	.....	927	72	6
266,123	181,745	1,767,914	20,860	257,460	24,553	2,452,111	84,460	5,829,552	3,292,981	1,155	.....	.....	33	1,122	.....	7
132,670	88,912	396,797	1,748	43,968	37,553	1,231,922	11,806	2,417,465	1,173,737	215	85	.....	.....	130	30	8
11,400	3,000	28,960	.....	300	2,794	18,947	1,422	82,241	61,872	27	.....	.....	.....	27	.....	9
13,582	6,305	27,876	.....	4,500	397	223,984	1,665	331,434	105,785	92	.....	.....	.....	92	.....	10
446,067	299,899	2,106,687	135,339	186,995	123,133	2,519,739	54,805	7,293,956	4,719,412	1,218	75	.....	.....	1,143	.....	11
428,393	676,253	3,194,839	797	153,029	310,481	10,405,535	74,268	17,595,506	7,115,703	2,450	1,845	.....	.....	605	1,159	12
23,746	14,466	145,127	635	11,940	1,865	240,319	5,069	591,419	346,031	106	.....	.....	.....	106	.....	13
975,670	853,184	3,950,336	8,480	267,276	472,065	9,587,127	172,485	19,250,917	9,491,305	3,706	1,200	.....	85	2,421	628	14
418,310	182,292	3,713,790	67,241	136,678	338,781	7,913,917	44,502	14,549,219	6,590,800	7,552	5,446	1,000	.....	1,106	1,366	15
747,246	391,477	3,104,131	19,040	137,413	438,987	12,576,403	316,656	20,422,138	7,529,079	3,460	.....	.....	20	3,440	15	16
864,113	2,374,535	11,192,719	50,764	734,790	1,044,991	43,920,462	1,184,030	77,542,298	32,437,806	9,429	3,426	175	137	5,691	1,863	17
199,802	36,801	744,938	5,532	5,559	84,026	116,794	231,081	1,938,119	1,590,244	3,249	2,474	.....	50	725	1,014	18
31,675	35,883	443,853	.....	22,357	5,595	1,068,380	10,711	1,836,943	757,852	235	.....	.....	.....	235	.....	19
82,708	96,896	293,734	9,766	18,208	56,860	1,074,217	20,028	1,988,414	894,169	421	150	.....	.....	271	.....	20
102,861	47,908	192,556	.....	4,175	44,457	4,359,301	24,125	4,886,119	502,693	454	.....	.....	.....	454	.....	21
40,576	21,059	173,510	2,447	13,231	3,915	252,648	5,981	648,829	390,200	67	.....	.....	.....	67	.....	22
6,240	1,924	27,023	.....	3,160	920	357,160	5,369	448,316	85,787	13	.....	.....	.....	13	.....	23
56,222	18,118	119,057	.....	14,048	26,823	446,233	5,768	991,604	539,603	166	.....	.....	.....	166	.....	24
27,765	23,637	163,192	25	14,425	4,672	181,773	7,391	500,189	311,025	85	.....	.....	.....	85	.....	25
201,826	156,959	1,573,927	35,042	24,463	252,513	4,133,661	99,546	7,117,280	2,884,073	3,143	580	2,150	18	395	1,820	26
201,826	156,621	1,487,941	31,647	18,681	249,957	4,048,247	93,580	6,840,969	2,699,142	2,927	580	2,150	18	179	1,820	27
.....	338	85,986	3,395	5,782	2,556	85,414	5,966	276,311	184,931	216	.....	.....	.....	216	.....	28
2,125,226	1,539,391	21,252,092	.....	.....	72,058	15,480,922	1,043,923	41,589,061	25,064,216	25,759	16,163	2,998	22	6,576	14,074	29

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

[4] Same number reported throughout the year.

TABLE 43.—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.															
	Chicago—Continued.															*Dollars.*
1	Cars, steam-railroad, not including operations of railroad companies.	10	11,754	.....	316	638	137	10,663	Ja 12,484	Jy 7,941	10,520	10,395	125	.....	.....	42,837,576
2	Cash registers and calculating machines.	7	1,108	1	51	58	40	958	Ja 1,112	Au 868	960	739	221	.....	.....	5,278,463
3	Cheese	4	12	2	4	2	1	3	De [2] 4	My [2] 2	4	4	.....	.....	.....	20,049
4	Chemicals	17	408	4	42	74	46	242	Au 256	Ja 231	261	246	15	.....	.....	3,899,532
5	China decorating, not including that done in potteries.	10	104	10	4	8	6	76	No 92	Ja 59	87	53	34	.....	.....	170,315
6	Cleansing and polishing preparations	48	627	26	73	150	30	348	.....	.....	370	228	135	4	3	1,515,320
7	Cleansing preparations	16	85	11	17	17	8	32	My 38	Je 28	51	36	13	2	.....	147,233
8	Polishing preparations	32	542	15	56	133	22	316	Ja 363	Ap 254	319	192	122	2	3	1,368,087
9	Clothing, men's	464	38,035	514	1,040	2,896	2,763	30,822	.....	.....	36,922	18,029	18,609	78	206	88,891,525
10	Regular factory products	217	31,627	184	980	2,872	2,683	24,908	.....	.....	30,396	15,378	14,811	52	155	87,327,393
11	Men's and youths'	166	28,337	134	822	2,540	2,508	22,333	Oc 26,454	Ja 18,517	27,218	14,067	12 996	41	114	78,716,272
12	All other	51	3,290	50	158	332	175	2,575	De 3,167	Ja 2,205	3,178	1,311	1,815	11	41	8,611,121
13	Contract work	247	6,408	330	60	24	80	5,914	.....	.....	6,526	2,651	3,798	26	51	1,564,132
14	Men's and youths'	239	6,232	319	60	24	79	5,750	Oc 6,201	Ja 5,200	6,313	2,541	3,699	26	47	1,527,843
15	Boys'	4	88	6	.....	.....	.....	82	Ja [2] 84	Mh [2] 80	84	31	49	.....	4	15,740
16	All other	4	88	5	.....	.....	1	82	De 129	My [2] 54	129	79	50	.....	.....	20,549
17	Clothing, men's, buttonholes	3	13	4	.....	.....	.....	9	My [2] 10	Ja [2] 7	11	3	8	.....	.....	3,750
18	Clothing, women's	374	11,056	441	375	630	463	9,147	.....	.....	9,216	2,807	6,300	16	93	22,196,670
19	Regular factory products	343	10,642	401	372	630	462	8,777	.....	.....	8,800	2,590	6,101	16	93	22,083,108
20	Suits, skirts, cloaks, shirtwaists, and dresses, except house dresses.	250	7,739	307	247	465	364	6,356	Se 7,035	Ja 5,516	6,222	2,243	3,909	10	60	15,485,897
21	All other	93	2,903	94	125	165	98	2,421	No 2,624	Ja 2,204	2,578	347	2,192	6	33	6,597,211
22	Contract work	31	414	40	3	.....	1	370	.....	.....	416	217	199	.....	.....	113,562
23	Suits, skirts, and cloaks	22	292	28	3	.....	1	260	Au 331	My 171	297	185	112	.....	.....	44,253
24	All other	9	122	12	.....	.....	.....	110	Oc 131	Fe 93	119	32	87	.....	.....	69,309
25	Coal-tar products	5	166	.....	23	21	10	112	Au 133	Fe 95	132	126	6	.....	.....	971,532
26	Coffins, burial cases, and undertakers' goods.	14	957	2	56	122	15	762	Mh 822	De 702	702	584	114	2	2	3,133,069
27	Confectionery and ice cream	191	8,761	128	444	533	411	7,245	.....	.....	7,792	3,743	3,773	49	227	24,005,095
28	Confectionery	154	8,030	108	376	487	379	6,680	Oc 8,557	Jy 5,017	7,309	3,305	3,758	19	227	19,822,173
29	Ice cream	37	731	20	68	46	32	565	Jy 746	Ja 435	483	438	15	30	.....	4,182,922
30	Cooperage	19	1,029	8	49	15	13	944	Fe 994	Au 840	955	906	49	.....	.....	2,693,911
31	Copper, tin, and sheet-iron work	218	1,963	219	124	85	70	1,465	De [2] 1,607	Ja 1,315	1,628	1,614	8	6	.....	4,926,997
32	Corsets	17	1,880	8	83	71	144	1,574	De 1,764	Je 1,483	1,814	234	1,499	24	57	4,103,244
33	Cutlery and edge tools	13	1,097	9	66	58	52	912	No 995	Ap 700	1,016	894	110	8	4	4,135,820
34	Dairymen's supplies	7	573	.....	44	46	37	446	Je 485	No 403	411	338	73	.....	.....	2,439,273
35	Dental goods	17	329	11	16	25	31	246	De 252	Ja 235	254	213	32	8	1	394,569
36	Druggists' preparations	23	789	7	57	178	164	383	Ja 462	Jy 304	380	220	155	2	3	3,066,606
37	Electrical machinery, apparatus, and supplies.	140	17,722	38	849	1,872	1,074	13,889	De 16,041	Fe 12,729	16,025	11,115	4,735	124	51	57,234,184
38	Electroplating	44	603	46	40	14	16	487	No 541	Ja 401	540	505	25	9	1	549,034
39	Emery and other abrasive wheels	6	105	2	14	16	6	67	Oc [2] 85	Ja 51	85	85	.....	.....	.....	571,329
40	Engravers' materials	5	98	2	14	11	12	59	De 66	Ja 52	64	63	.....	1	.....	297,140
41	Engraving and diesinking	36	837	35	24	40	25	713	Au 826	Ja 600	804	767	27	9	1	2,473,332
42	Engraving, steel and copper plate, including plate printing.	33	1,462	21	98	74	80	1,189	De 1,286	Ap 1,109	1,281	774	436	25	46	3,649,362
43	Engraving, wood	11	259	10	17	48	13	171	Jy 185	Ja 159	168	167	.....	1	.....	227,963
44	Fancy articles, not elsewhere specified	51	1,098	49	57	66	47	879	.....	.....	900	282	575	8	35	1,473,712
45	Beadwork and celluloid novelties.	5	55	7	3	.....	2	43	Fe 56	My 32	48	26	18	4	.....	72,985
46	Metal novelties	12	298	10	17	18	13	240	No 300	Ja 180	247	151	90	.....	6	395,252
47	All other	34	745	32	37	48	32	596	Se 689	Ja 515	605	105	467	4	29	1,005,475
48	Flags and banners	9	142	6	7	8	9	112	Ja 126	Au 101	107	19	83	1	4	261,157
49	Flavoring extracts	20	455	10	34	152	46	213	Jy 282	Fe 168	241	93	139	1	8	737,909
50	Flour-mill and gristmill products	7	466	.....	36	50	17	363	No 398	Au 326	390	390	.....	.....	.....	7,017,161
51	Food preparations, not elsewhere specified.	99	3,769	92	213	438	188	2,838	.....	.....	2,826	1,679	1,124	2	21	17,043,925
52	Breadstuffs, cereals, and breakfast foods, lard compounds, macaroni, vermicelli, and noodles.	29	1,210	46	39	98	40	987	Ja 1,171	Mh 604	1,053	752	287	.....	14	5,889,834
53	All other, for human consumption	63	2,340	42	148	307	125	1,718	Fe 1,972	My 1,387	1,662	817	836	2	7	9,854,897
54	For animals and fowls	7	219	4	26	33	23	133	Ja [2] 150	Je 99	111	110	1	.....	.....	1,299,194
55	Foundry and machine-shop products.	474	32,095	235	1,591	2,544	1,339	26,386	.....	.....	29,051	27,769	1,079	191	12	108,230,262
56	Boiler shops	21	496	16	25	22	3	430	Oc 465	Je 405	441	441	.....	.....	.....	1,350,004
57	Foundries	40	6,278	11	218	324	129	5,596	De 6,547	Je 4,882	6,610	6,464	145	1	.....	17,162,450
58	Machine shops	403	22,692	208	1,268	1,980	1,123	18,113	No 19,951	Mh 16,845	19,669	18,562	914	181	12	79,441,242
59	Machine shop and foundry combined.	10	2,629	.....	80	218	84	2,247	Ja 3,189	My 1,928	2,331	2,302	20	9	.....	10,276,566
60	Fur goods	120	958	120	69	62	53	654	No 747	Mh 581	723	384	339	.....	.....	3,526,632
61	Furnishing goods, men's	27	1,203	20	57	153	56	917	Oc 1,022	Je 835	1,040	145	876	3	16	3,093 330
62	Furniture	222	10,077	171	498	504	277	8,627	.....	.....	9,511	8,793	614	100	4	28,444,862
63	Wood, including rattan and willow.	153	7,865	121	361	409	204	6,770	De 7,465	Ja 5,847	7,500	6,879	537	80	4	23,134,549
64	Metal furniture	10	463	3	41	17	21	381	No [2] 443	Fe 308	412	378	34	.....	.....	1,494,255
65	Store and office fixtures	59	1,749	47	96	78	52	1,476	No 1,587	Ja 1,345	1,599	1,536	43	20	.....	3,816,058
66	Furs, dressed	4	68	1	8	1	1	57	Mh [2] 72	Au 43	51	45	6	.....	.....	114,566
67	Gas and electric fixtures	34	1,384	10	85	117	75	1,097	No 1,243	Ap 960	1,205	895	293	12	5	3,140,602

[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.								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.								
789,226	1,140,218	15,977,440	.....	49,400	2,983,214	49,011,533	953,754	77,229,022	27,263,735	26,719	5,096	17,658	1,000	.....	2,965	27,163	1
262,802	129,308	1,152,132	728	20,840	679,845	407,016	19,733	3,326,935	2,900,186	409	200	.....	.....	.....	209	100	2
6,520	6,906	4,325	.....	941	237	69,438	222	101,709	32,049	12	12	.....	.....	.....	.....	.....	3
174,446	166,190	340,881	.....	42,563	145,744	1,918,205	192,891	4,368,494	2,257,398	2,392	490	.....	50	.....	1,852	37	4
16,675	35,719	89,720	968	4,714	6,036	90,791	7,595	352,207	253,821	10	.....	.....	.....	.....	10	.....	5
237,332	381,017	367,405	234	57,461	37,400	2,235,113	16,288	4,604,454	2,353,053	391	12	.....	2	.....	377	4	6
52,280	22,106	51,301	.....	17,364	1,998	328,730	3,153	606,110	274,227	62	.....	.....	2	.....	60	4	7
185,052	358,911	316,104	234	40,097	35,402	1,906,383	13,135	3,998,344	2,078,826	329	12	.....	.....	.....	317	.....	8
5,861,787	7,333,684	42,772,268	10,912,410	1,360,590	4,262,288	86,188,754	444,163	190,016,924	103,384,007	5,733	245	125	3	.....	5,360	198	9
5,645,556	7,223,999	34,942,930	10,277,889	1,220,780	4,241,304	85,248,092	372,672	177,656,475	92,035,711	5,055	245	125	.....	.....	4,685	192	10
4,928,020	6,691,950	31,808,864	9,467,681	1,126,182	4,072,118	75,631,434	319,193	159,846,589	83,895,962	3,930	185	125	.....	.....	3,620	192	11
717,536	532,049	3,134,066	810,208	94,598	169,186	9,616,658	53,479	17,809,886	8,139,749	1,125	60	.....	.....	.....	1,065	.....	12
216,231	109,685	7,829,338	634,521	139,810	20,984	940,662	71,491	12,360,449	11,348,296	678	.....	.....	3	.....	675	6	13
216,231	109,181	7,601,796	631,560	135,450	19,987	916,570	69,103	12,059,986	11,074,313	657	.....	.....	3	.....	654	6	14
.....	.....	114,260	.....	1,248	281	3,970	1,352	143,764	138,442	11	.....	.....	.....	.....	11	.....	15
.....	504	113,282	2,961	3,112	716	20,122	1,036	156,699	135,541	10	.....	.....	.....	.....	10	.....	16
.....	.....	11,772	.....	640	2	1,763	305	20,026	17,958	3	.....	.....	.....	.....	3	.....	17
1,840,142	2,325,543	10,787,240	1,474,354	632,504	277,626	38,686,575	126,247	64,203,210	25,390,388	1,671	.....	.....	.....	.....	1,671	.....	18
1,834,422	2,324,543	10,285,101	1,471,980	616,705	277,095	38,649,557	120,710	63,478,698	24,708,431	1,602	.....	.....	.....	.....	1,602	.....	19
1,363,910	1,765,678	8,249,617	1,353,528	482,044	213,658	29,705,767	77,648	48,647,904	18,864,489	853	.....	.....	.....	.....	853	.....	20
470,512	558,865	2,035,484	118,452	134,661	63,437	8,943,790	43,062	14,830,794	5,843,942	749	.....	.....	.....	.....	749	.....	21
5,720	1,000	502,139	2,374	15,799	531	37,018	5,537	724,512	681,957	69	.....	.....	.....	.....	69	.....	22
5,720	1,000	372,106	1,180	11,128	476	26,404	3,328	508,943	479,211	47	.....	.....	.....	.....	47	.....	23
.....	.....	130,033	1,194	4,671	55	10,614	2,209	215,569	202,746	22	.....	.....	.....	.....	22	.....	24
110,270	35,190	179,691	.....	5,200	69,536	687,112	26,032	1,406,630	693,486	468	80	.....	.....	.....	388	.....	25
214,450	270,882	784,952	.....	26,215	205,799	1,968,287	39,341	4,619,773	2,612,145	1,129	600	.....	.....	.....	529	117	26
1,844,054	1,495,820	7,204,126	128,964	440,882	3,089,359	33,650,612	548,770	61,577,267	27,377,885	10,461	1,738	.....	277	.....	8,446	1,564	27
1,563,810	1,380,235	6,206,425	128,770	398,568	2,949,581	28,841,154	399,050	53,287,473	24,047,269	6,804	1,722	.....	.....	.....	5,082	1,564	28
280,244	115,585	997,701	194	42,314	139,778	4,809,458	149,720	8,289,794	3,330,616	3,657	16	.....	277	.....	3,364	.....	29
302,842	46,938	1,301,303	.....	25,991	304,918	5,259,272	32,879	8,045,315	2,753,164	2,092	1,934	.....	.....	.....	158	324	30
462,036	194,749	2,028,499	33,865	118,925	103,164	3,970,770	71,032	8,856,125	4,814,323	1,277	.....	.....	42	.....	1,235	.....	31
325,797	378,555	1,150,975	92,245	95,214	117,826	3,370,003	32,423	6,286,313	2,883,887	320	.....	.....	.....	.....	320	.....	32
173,969	160,824	1,003,814	8,111	8,929	201,491	1,233,680	52,880	3,572,013	2,285,453	1,138	420	.....	5	.....	713	100	33
139,404	99,143	517,881	15,281	6,640	43,360	831,739	20,574	2,633,150	1,780,837	430	125	.....	.....	.....	305	159	34
98,295	65,712	276,117	.....	27,149	68,028	471,163	13,649	1,276,680	791,868	92	.....	.....	.....	.....	92	.....	35
228,186	415,180	355,994	105	29,397	177,434	1,304,044	37,050	3,635,516	2,294,422	786	671	.....	33	.....	82	361	36
3,408,696	3,774,270	14,756,115	618,802	521,516	2,735,352	36,505,874	698,628	78,347,552	41,143,050	14,840	1,470	3,500	8	.....	9,862	5,317	37
133,875	31,826	687,053	1,084	47,723	2,696	285,235	36,059	2,181,100	1,859,806	735	.....	.....	8	.....	727	.....	38
59,826	30,004	93,492	1,400	2,022	23,108	320,796	3,759	720,168	395,613	46	.....	.....	.....	.....	46	.....	39
59,112	18,646	86,547	.....	11,421	2,937	634,108	9,055	1,040,805	397,642	282	.....	.....	100	.....	182	.....	40
133,794	108,304	947,510	12,722	24,029	73,171	1,162,232	71,575	3,235,604	2,001,797	882	35	.....	.....	.....	847	.....	41
376,295	203,355	1,386,968	11,973	59,559	132,374	1,530,363	40,441	4,794,095	3,223,291	1,372	725	.....	.....	.....	647	536	42
71,087	58,347	311,349	315	17,994	420	165,066	1,893	826,342	659,383	27	.....	.....	.....	.....	27	.....	43
159,364	147,196	709,500	33,850	58,093	14,288	2,324,727	16,706	4,239,287	1,897,854	216	.....	.....	.....	.....	216	.....	44
9,192	1,478	40,989	2,500	4,910	103	188,733	874	276,128	86,521	36	.....	.....	.....	.....	36	.....	45
49,445	42,188	199,658	13,000	14,569	4,124	329,943	9,748	837,753	498,062	124	.....	.....	.....	.....	124	.....	46
100,727	103,530	468,853	18,350	38,614	10,061	1,806,051	6,084	3,125,406	1,313,271	56	.....	.....	.....	.....	56	.....	47
16,464	31,711	73,643	938	16,358	2,047	170,495	3,127	349,336	175,714	120	.....	.....	.....	.....	120	.....	48
95,371	134,418	108,526	.....	29,239	12,976	910,563	5,544	1,590,917	674,810	116	.....	.....	.....	.....	116	.....	49
204,310	103,339	450,857	.....	1,320	257,951	19,274,556	121,292	22,109,077	2,713,229	3,735	2,125	.....	.....	.....	1,610	140	50
918,153	1,010,080	2,914,045	36,911	215,005	560,902	47,370,979	425,442	57,055,131	9,258,710	7,720	3,469	.....	160	.....	4,091	744	51
105,251	210,270	1,067,107	400	53,176	50,439	20,083,432	253,615	21,854,774	1,517,727	3,915	2,676	.....	.....	.....	1,239	294	52
755,231	706,495	1,676,011	36,511	141,744	484,976	22,572,413	142,925	29,815,569	7,100,231	2,280	558	.....	160	.....	1,562	450	53
57,671	93,315	170,927	.....	20,085	25,487	4,715,134	28,902	5,384,788	640,752	1,525	235	.....	.....	.....	1,290	.....	54
7,397,742	6,067,045	35,800,068	806,455	944,467	7,263,209	52,442,599	2,672,980	138,989,139	83,873,560	48,990	14,520	855	809	.....	32,806	11,179	55
148,087	48,140	635,642	24,796	12,611	55,115	955,638	35,301	2,527,551	1,536,612	981	195	150	27	.....	609	.....	56
1,105,482	607,684	8,567,358	110,185	81,201	1,231,895	9,757,105	1,293,045	27,022,763	15,972,613	11,435	2,612	.....	5	.....	8,818	360	57
5,501,429	4,909,356	23,625,108	662,342	839,555	4,498,830	38,296,379	1,072,727	99,093,563	59,724,457	31,880	9,496	705	777	.....	20,902	7,864	58
642,764	501,865	2,971,960	9,132	11,100	1,477,369	3,433,477	271,907	10,345,262	6,639,878	4,694	2,217	.....	.....	.....	2,477	2,955	59
241,099	148,692	1,076,763	43,167	151,490	110,146	4,561,340	14,817	8,019,377	3,443,220	152	.....	.....	.....	.....	152	.....	60
221,888	423,954	805,672	5,864	55,067	69,936	3,969,572	12,327	6,703,466	2,721,567	604	400	.....	.....	.....	204	177	61
2,106,684	1,393,289	9,724,506	618,789	510,295	936,120	18,106,654	475,537	41,612,337	23,030,146	14,840	9,963	330	173	50	4,324	3,270	62
1,640,038	1,150,955	7,644,347	596,656	347,785	770,848	14,416,917	362,578	32,992,835	18,213,340	11,226	8,330	330	35	50	2,481	3,138	63
125,010	72,377	370,422	7,411	22,638	16,790	757,201	24,302	1,701,213	919,710	844	293	.....	23	.....	528	.....	64
341,636	169,957	1,709,827	14,722	139,872	148,482	2,932,536	88,657	6,918,289	3,897,096	2,770	1,340	.....	115	.....	1,315	132	65
18,021	2,706	79,378	.....	2,260	971	31,044	5,124	194,169	158,001	84	.....	.....	40	.....	44	.....	66
278,435	236,317	1,180,985	.....	106,863	52,461	2,734,586	67,587	5,540,461	2,738,288	1,433	725	.....	.....	.....	708	486	67

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

TABLE 43.—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.															
	CHICAGO—Continued.															*Dollars.*
1	Gas machines and gas and water meters.	14	909	1	41	163	68	636	.....	.....	693	683	9	1	.....	3,828,512
2	Gas meters and water meters	4	121	.....	13	17	8	83	Au 99	Mh 63	94	89	5	.....	.....	489,630
3	All other	10	788	1	28	146	60	553	Au 628	Ap 460	599	594	4	1	.....	3,338,882
4	Glass	3	19	4	2	.....	1	12	Ja 16	Se 9	10	5	5	.....	.....	25,724
5	Glass, cutting, staining, and ornamenting.	44	612	26	40	16	33	497	.....	.....	501	367	122	9	3	842,156
6	Decalcomania work on glass	4	37	2	3	.....	2	30	No 40	Ap 24	39	37	2	.....	.....	41,340
7	All other	40	575	24	37	16	31	467	Au 477	Se 456	462	330	120	9	3	800,816
8	Gold, leaf and foil	6	155	3	11	1	7	133	De [2] 135	Je [2] 131	135	71	56	5	3	117,098
9	Hand stamps	21	327	12	36	20	28	231	Se 248	Ap [2] 223	238	195	36	5	2	559,994
10	Hardware	57	2,547	36	161	127	108	2,115	.....	.....	2,332	2,107	201	21	3	8,944,700
11	Locks and builders' hardware	20	637	12	45	33	32	515	Au 569	Ja 460	574	523	43	8	.....	1,635,745
12	Vehicle hardware	6	146	3	15	6	7	115	Au [2] 133	Ja [2] 73	131	104	24	.....	3	339,076
13	All other	31	1,764	21	101	88	69	1,485	No 1,634	Je 1,364	1,627	1,480	134	13	.....	6,969,879
14	Hat and cap materials	7	53	5	3	3	2	40	(4) 40	(4) 40	40	15	23	1	1	115,882
15	Hats, fur-felt	5	55	1	8	9	1	36	Se [2] 38	Ja [2] 34	34	21	13	.....	.....	140,288
16	House-furnishing goods, not elsewhere specified.	44	979	27	77	89	45	741	De 807	Fe 674	801	324	451	10	16	2,403,946
17	Ice, manufactured	33	701	.....	85	42	11	563	Jy 721	Ja 368	537	536	1	.....	.....	8,291,270
18	Ink, printing	11	143	6	22	23	13	79	De 88	Ja 72	88	85	1	2	.....	787,597
19	Iron and steel, doors and shutters	7	536	.....	31	34	11	460	Ja 528	Se 427	403	403	.....	.....	.....	1,213,798
20	Iron and steel, forgings, not made in steel works or rolling mills.	12	1,313	1	72	70	28	1,142	Ja 1,445	Jy 767	1,132	1,124	8	.....	.....	6,981,627
21	Iron and steel, tempering and welding.	10	129	7	15	13	6	88	De 102	Ap [2] 79	101	99	1	1	.....	319,354
22	Japanning	3	91	2	5	2	2	80	My [2] 86	Fe 70	87	81	5	1	.....	46,034
23	Jewelry	72	1,303	63	77	106	81	976	De 1,085	Mh 905	1,078	864	203	11	.....	5,620,214
24	Knit goods	38	1,781	28	82	71	83	1,517	De 1,617	Ja 1,411	1,607	314	1,232	13	48	5,555,020
25	Labels and tags	13	914	7	42	89	82	694	Oc 768	Jy 612	756	448	297	4	7	2,473,797
26	Lapidary work	4	57	1	7	3	5	41	Je [2] 45	Ja 36	43	39	2	2	.....	121,740
27	Leather goods, not elsewhere specified	35	781	23	38	46	31	643	No 709	Ja 600	686	502	149	18	17	1,582,986
28	Leather, tanned, curried, and finished.	26	3,967	25	123	107	46	3,666	Au 3,847	My 3,538	3,617	3,092	490	13	22	28,547,596
29	Liquors, malt	27	2,474	.....	212	332	40	1,890	Jy 2,207	De 1,559	1,547	1,536	11	.....	.....	29,855,987
30	Lithographing	31	1,380	10	91	131	65	1,083	De 1,133	Ja 1,035	1,135	870	247	7	11	4,187,623
31	Looking-glass and picture frames	50	2,259	23	124	104	71	1,937	Se [2] 2,090	Ja 1,590	2,014	1,690	269	49	6	3,191,374
32	Lumber and timber products	3	143	.....	13	12	7	111	De 125	Ja 91	128	128	.....	.....	.....	1,231,275
33	Lumber, planing-mill products, not including planing mills connected with sawmills.	116	3,792	60	227	265	99	3,141	No 3,547	Fe 2,616	3,501	3,430	32	39	.....	14,563,977
34	Machine tools	9	294	2	22	20	16	234	No 259	Je 207	265	264	.....	1	.....	810,946
35	Marble and stone work	82	730	82	57	34	19	538	.....	.....	611	608	2	1	.....	2,535,445
36	Monuments and tombstones	28	159	28	12	3	8	108	My 122	Ja 89	110	110	.....	.....	.....	494,657
37	All other	54	571	54	45	31	11	430	Je 497	Ja 314	501	498	2	1	.....	2,040,788
38	Mattresses and spring beds, not elsewhere specified.	50	1,734	45	60	138	37	1,454	Oc 1,698	Ja 1,009	1,638	1,172	422	34	10	3,662,173
39	Millinery and lace goods, not elsewhere specified.	117	5,302	103	184	178	153	4,684	.....	.....	4,964	1,021	3,847	24	72	5,808,241
40	Embroideries, trimmed hats, and hat frames.	89	4,861	81	159	156	125	4,340	Fe 4,659	Je 3,695	4,615	941	3,589	17	68	5,130,851
41	All other	28	441	22	25	22	28	344	No 367	Fe 325	349	80	258	7	4	677,390
42	Mineral and soda waters	73	521	79	56	43	12	331	Au 451	Ja 245	302	281	20	1	.....	2,090,481
43	Models and patterns, not including paper patterns.	65	473	70	25	8	14	356	De 387	Ja 311	390	369	9	11	1	510,372
44	Motorcycles, bicycles, and parts	7	1,179	.....	33	35	29	1,082	My 1,262	Fe 416	1,137	1,097	40	.....	.....	2,456,460
45	Musical instruments, organs	6	144	2	6	11	10	115	Jy 128	Ja 91	127	107	16	3	1	539,341
46	Musical instruments, pianos	22	5,452	6	118	245	229	4,854	De 5,126	Ja 4,368	5,124	4,561	429	92	42	30,015,411
47	Musical instruments, piano and organ materials.	5	524	.....	24	7	15	478	Mh 513	Je 438	452	294	134	14	10	1,148,484
48	Needles, pins, and hooks and eyes	3	465	.....	20	57	37	351	No 381	Se 338	382	108	195	7	72	1,263,708
49	Optical goods	17	492	7	38	55	49	343	Mh 389	Jy 243	364	271	86	5	2	953,127
50	Paints	36	3,836	9	227	905	415	2,280	De 2,614	Je 2,129	2,407	2,130	275	2	.....	23,932,016
51	Paper goods, not elsewhere specified	20	786	4	56	117	66	543	Mh 610	No 475	539	340	188	3	8	2,501,059
52	Patent medicines and compounds	147	2,136	85	210	560	524	757	.....	.....	805	428	351	8	18	8,249,855
53	Patent and proprietary medicines.	101	1,481	62	135	323	396	565	De 615	Ja 509	614	278	311	8	17	4,891,886
54	Patent and proprietary compounds, not elsewhere specified.	46	655	23	75	237	128	192	Fe 197	De 184	191	150	40	.....	1	3,357,969
55	Paving materials	4	67	.....	5	13	2	47	De [2] 63	Fe [2] 8	63	63	.....	.....	.....	687,808
56	Perfumery and cosmetics	69	1,356	34	123	111	395	693	De 799	Ja 590	799	204	561	10	24	4,293,008
57	Phonographs and graphophones	32	1,838	12	113	82	74	1,557	De 2,002	Ja 1,076	2,020	1,884	125	9	2	5,029,163
58	Photo-engraving	23	1,179	7	68	172	57	875	De 921	Ja 803	909	841	50	17	1	1,542,090
59	Photographic apparatus	12	790	5	48	89	47	601	No 671	Ja 508	643	548	95	.....	.....	1,429,812
60	Pickles, preserves, and sauces	46	1,699	30	106	144	66	1,353	Oc 1,568	Mh 1,185	1,539	695	818	10	16	6,349,009
61	Pocketbooks	10	122	9	9	11	10	83	No 111	Ja 67	99	59	40	.....	.....	252,604
62	Printing and publishing, book and job.	963	26,489	752	1,380	2,184	2,237	19,936	.....	.....	21,985	16,199	4,962	474	350	64,581,605
63	Job printing	797	22,760	667	1,076	1,358	957	18,702	De 20,420	Ap 17,414	20,646	15,230	4,615	453	348	48,282,648
64	Book publishing and printing, linotype work, and typesetting.	166	3,729	85	304	826	1,280	1,234	Se 1,345	Ja 1,133	1,339	969	347	21	2	16,298,957
65	Printing and publishing, music	26	241	18	22	24	66	111	De [2] 126	Ja 99	124	64	56	4	.....	677,430

[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.								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.								
125,365	340,099	686,574	1,300	10,708	35,319	1,397,593	19,669	2,798,629	1,381,367	423	30	.....	115	.....	278	59	1
35,110	41,966	105,896	1,300	3,120	4,721	137,706	4,198	371,891	229,987	166	.....	.....	115	.....	51	59	2
90,255	298,133	580,678	.....	7,588	30,598	1,259,887	15,471	2,426,738	1,151,380	257	30	.....	.....	.....	227	.....	3
3,101	156	9,787	.....	910	167	25,864	824	46,305	19,617	8	.....	.....	.....	.....	8	.....	4
110,812	60,521	429,052	532	49,549	12,005	903,331	17,873	1,918,505	997,301	181	.....	.....	.....	.....	181	.....	5
8,183	2,378	35,765	.....	5,120	161	22,459	992	88,257	64,806	33	.....	.....	.....	.....	33	.....	6
102,629	58,143	393,287	532	44,429	11,844	880,872	16,881	1,830,248	932,495	148	.....	.....	.....	.....	148	.....	7
26,491	8,117	130,999	6,369	2,880	2,919	253,153	2,813	470,429	214,463	34	.....	.....	.....	.....	34	.....	8
127,368	56,879	248,731	9,600	24,648	10,381	339,222	10,749	991,140	641,169	160	35	.....	.....	.....	125	.....	9
575,995	319,818	2,542,133	5,096	94,003	497,063	4,332,619	113,717	10,589,350	6,143,014	2,776	750	.....	15	.....	2,011	500	10
133,370	93,928	559,051	.....	46,879	29,158	755,868	31,217	2,007,163	1,220,078	591	.....	.....	.....	.....	591	.....	11
71,508	9,989	130,337	.....	12,872	6,692	333,066	4,945	733,622	395,611	118	.....	.....	15	.....	103	.....	12
371,117	215,901	1,852,745	5,096	34,252	461,213	3,243,685	77,555	7,848,565	4,527,325	2,067	750	.....	.....	.....	1,317	500	13
7,925	4,918	36,219	.....	4,304	1,147	257,107	1,083	380,571	122,381	18	.....	.....	.....	.....	18	.....	14
24,158	23,995	44,192	18,000	4,830	4,142	187,563	1,674	344,396	155,159	40	25	.....	.....	.....	15	.....	15
265,337	250,606	628,471	6,018	86,578	118,110	3,770,055	34,062	6,023,875	2,219,758	1,128	365	.....	.....	.....	763	67	16
459,820	63,442	971,925	.....	4,201	346,521	260,185	710,371	4,988,144	4,017,588	21,099	2,775	1,130	.....	.....	17,194	576	17
136,565	62,019	103,142	.....	20,735	24,274	743,094	14,857	1,391,492	633,541	980	.....	.....	.....	.....	980	.....	18
136,923	50,481	642,835	4,225	14,195	16,322	1,268,411	20,301	2,367,992	1,079,280	500	.....	.....	.....	.....	500	.....	19
392,583	135,541	1,520,042	.....	22,365	454,001	4,265,442	307,228	8,076,103	3,503,433	5,202	159	1,885	115	.....	3,043	2,032	20
53,242	22,196	111,203	13,780	9,398	7,622	233,298	9,402	486,324	243,624	166	75	.....	.....	.....	91	.....	21
16,540	3,730	65,046	.....	6,456	330	19,853	5,214	136,148	111,081	22	.....	.....	.....	.....	22	.....	22
409,813	253,648	1,285,446	108,638	106,133	199,597	2,535,411	17,924	6,014,680	3,411,345	429	100	.....	.....	.....	329	150	23
313,999	358,496	1,079,922	5,233	92,546	143,733	3,294,489	36,461	6,023,311	2,692,361	870	415	.....	30	.....	425	245	24
221,850	229,419	627,388	10,787	38,898	133,004	1,295,883	24,627	3,428,419	2,107,909	637	.....	.....	298	.....	339	14	25
16,100	7,305	52,218	.....	4,740	9,710	82,962	1,448	312,681	228,271	25	.....	.....	.....	.....	25	.....	26
168,853	102,804	630,802	312	44,540	43,357	2,211,280	24,868	3,807,092	1,570,944	501	175	.....	.....	.....	326	1	27
969,364	333,776	4,310,139	411,113	30,248	1,095,206	33,858,856	406,241	50,519,773	16,254,676	11,049	8,454	290	.....	.....	2,305	6,051	28
941,284	1,015,365	2,739,491	4,901	8,500	4,310,266	4,701,463	577,333	20,572,801	15,294,005	16,515	14,203	1,010	.....	.....	1,302	6,076	29
416,603	440,517	1,373,085	157,546	82,837	112,157	2,199,558	44,283	6,014,666	3,770,825	1,176	127	.....	30	.....	1,019	136	30
471,271	346,749	2,082,157	3,280	128,948	137,199	2,624,897	83,929	7,087,301	4,378,475	2,107	650	.....	.....	.....	1,457	.....	31
126,492	39,706	136,355	.....	17,253	102,453	681,164	37,338	1,436,135	717,633	540	440	.....	.....	.....	100	64	32
809,930	484,755	3,878,293	25,652	196,361	312,669	14,112,147	145,207	23,037,294	8,779,940	14,424	9,320	200	290	.....	4,614	1,615	33
110,862	37,026	303,551	.....	15,684	13,696	216,003	10,487	1,017,842	791,352	415	.....	.....	6	.....	409	.....	34
140,531	81,717	774,791	40,899	35,562	31,103	1,818,235	72,948	3,861,254	1,970,071	2,654	345	.....	397	.....	1,912	90	35
29,845	14,736	168,984	8,172	12,676	7,552	319,849	9,974	802,607	472,784	204	.....	.....	12	.....	192	.....	36
110,686	66,981	605,807	32,727	22,886	23,551	1,498,386	62,974	3,058,647	1,497,287	2,450	345	.....	385	.....	1,720	90	37
239,990	280,823	1,478,702	365	95,261	58,900	4,360,473	65,858	7,992,375	3,566,044	1,764	550	.....	35	.....	1,179	245	38
653,351	602,551	4,388,415	58,528	262,127	204,849	10,488,975	89,361	19,523,877	8,945,541	1,245	665	.....	.....	.....	580	460	39
580,991	515,453	4,075,740	35,021	231,621	193,671	9,685,147	83,347	17,823,874	8,055,380	1,120	665	.....	.....	.....	455	460	40
72,360	87,098	312,675	23,507	30,506	11,178	803,828	6,014	1,700,003	890,161	125	.....	.....	.....	.....	125	.....	41
138,005	48,682	404,422	7,420	33,883	81,442	1,088,523	20,753	2,572,469	1,463,193	342	.....	.....	28	.....	314	.....	42
67,761	25,289	577,772	4,798	42,425	3,901	255,653	13,335	1,228,990	960,002	474	.....	.....	4	.....	470	.....	43
216,698	44,500	1,329,104	.....	97,615	73,000	1,937,440	35,997	4,852,039	2,878,602	1,370	925	270	.....	.....	175	965	44
31,800	19,509	137,854	1,796	9,920	12,927	189,837	6,153	510,347	314,357	57	.....	.....	.....	.....	57	.....	45
700,627	721,772	5,397,594	.....	101,822	858,687	8,682,921	178,772	22,214,575	13,352,882	4,622	3,100	.....	.....	.....	1,522	1,199	46
88,557	23,006	430,584	.....	8,154	25,196	1,135,736	22,565	1,957,496	799,195	823	740	.....	25	.....	58	1,095	47
223,075	159,092	284,358	.....	10,969	49,937	738,352	18,067	1,941,030	1,184,611	193	.....	.....	.....	.....	193	.....	48
156,688	94,005	364,501	38,044	54,695	44,247	1,107,539	10,096	2,450,877	1,333,242	137	.....	.....	.....	.....	137	.....	49
1,044,338	2,019,649	2,282,846	869	74,027	503,445	26,752,197	481,020	39,190,068	11,956,851	10,108	3,835	.....	25	.....	6,248	3,521	50
300,080	309,175	507,529	2,000	38,611	288,797	2,972,047	28,981	5,588,956	2,587,928	756	.....	.....	.....	.....	756	.....	51
1,109,763	1,608,446	715,722	17,964	143,157	685,151	5,981,396	42,901	15,595,717	9,571,420	893	275	.....	.....	1	617	206	52
591,585	1,011,703	472,650	4,650	101,554	547,119	3,089,429	24,614	9,502,090	6,388,047	372	30	.....	.....	1	341	.....	53
518,178	596,743	243,072	13,314	41,603	138,032	2,891,967	18,287	6,093,627	3,183,373	521	245	.....	.....	.....	276	206	54
13,257	13,848	56,651	.....	10,333	2,914	70,442	11,692	216,675	134,541	926	.....	.....	.....	.....	926	.....	55
508,349	468,381	764,349	2,887	88,899	277,846	3,297,400	15,867	8,532,247	5,218,980	345	.....	.....	.....	.....	345	.....	56
383,979	238,239	1,798,139	62,223	67,332	297,267	6,055,612	66,480	10,983,651	4,861,559	936	250	.....	.....	.....	736	300	57
335,366	346,457	1,325,767	44,123	81,596	90,124	582,170	33,145	3,804,550	3,189,235	437	.....	.....	.....	.....	437	.....	58
160,910	118,576	634,852	.....	27,910	44,397	959,475	18,135	2,575,256	1,597,646	511	.....	.....	.....	.....	511	.....	59
394,523	311,499	1,169,370	3,054	79,404	162,177	8,516,365	120,757	12,824,790	4,187,668	1,973	1,333	.....	9	.....	631	582	60
63,260	27,031	82,130	.....	8,680	1,759	161,179	847	376,511	214,485	22	.....	.....	.....	.....	22	.....	61
5,792,585	5,968,049	25,513,800	5,477,324	1,825,220	1,387,088	39,152,662	734,635	104,556,091	64,668,794	21,141	4,136	442	.....	.....	16,563	3,765	62
4,642,956	3,121,936	23,953,817	990,968	1,541,610	1,238,965	36,835,945	694,857	86,046,355	48,515,553	20,566	4,136	442	.....	.....	15,988	3,765	63
1,149,629	2,846,113	1,559,983	4,486,356	283,610	148,123	2,316,717	39,778	18,509,736	16,153,241	575	.....	.....	.....	.....	575	.....	64
82,583	93,053	112,172	157,121	20,495	36,253	375,920	3,287	1,211,810	832,603	74	.....	.....	.....	.....	74	.....	65

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

[1] Same number reported throughout the year.

TABLE 43.—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.															
	CHICAGO—Continued.															*Dollars.*
1	Printing and publishing, newspapers and periodicals.	410	12,603	147	1,045	2,924	2,642	5,845	.....	.....	5,963	4,896	916	87	64	39,626,523
2	Printing and publishing	36	4,352	15	231	831	756	2,519	Ap 2,568	Mh 2,475	2,543	2,398	98	46	1	20,084,215
3	Printing, publishing, and job printing.	65	4,756	27	215	1,203	470	2,841	De 2,897	Ap 2,778	2,901	2,237	571	41	52	12,392,106
4	Publishing without printing	309	3,495	105	599	890	1,416	485	No 523	Jy 454	519	261	247	.....	11	7,150,202
5	Printing materials	11	440	6	24	37	34	339	No 444	Ja 242	315	279	35	1	.....	5,298,897
6	Pumps, not including power pumps	8	204	3	15	8	10	168	Au 180	Ja 157	177	145	32	.....	.....	402,716
7	Regalia, and society badges and emblems.	11	145	5	9	19	14	98	Mh 105	Ap 87	118	52	65	1	.....	294,169
8	Roofing materials	14	1,526	.....	110	172	90	1,154	Au 1,317	Ja 933	1,244	1,242	2	.....	.....	8,108,529
9	Rubber tires, tubes, and rubber goods, not elsewhere specified.	12	511	5	28	31	23	424	No 544	Ja 326	520	373	144	2	1	1,639,449
10	Saddlery and harness	33	307	34	15	12	8	238	De 277	Jy 209	290	278	12	.....	.....	1,175,812
11	Sausage, not made in slaughtering and meat-packing establishments.	49	953	47	45	52	30	779	.....	.....	818	573	245	.....	.....	3,112,295
12	Sausage	43	592	42	29	39	19	463	Jy 479	Fe 437	477	416	61	.....	.....	1,374,527
13	Sausage casings	6	361	5	16	13	11	316	Jy 361	Fe 286	341	157	184	.....	.....	1,737,768
14	Scales and balances	13	481	7	28	26	21	399	No 432	Je[2] 371	411	378	23	10	.....	1,541,859
15	Shirts	22	579	10	41	38	25	465	No 506	Ja 406	497	118	375	.....	4	1,623,973
16	Signs and advertising novelties	98	2,031	69	141	319	136	1,366	.....	.....	1,474	901	500	34	39	4,828,813
17	Electric and other signs	63	871	46	79	182	53	511	De 583	Ja 442	585	514	68	3	.....	2,649,353
18	Advertising novelties	35	1,160	23	62	137	83	855	No[2] 909	Ja 721	889	387	432	31	39	2,179,460
19	Slaughtering and meat packing	46	52,423	19	1,373	4,076	1,260	45,695	Ja 55,828	My 42,158	45,011	39,341	5,649	16	5	395,715,568
20	Smelting and refining, not from the ore.	14	362	16	20	21	12	293	Se 322	Ja 267	319	313	6	.....	.....	3,400,549
21	Soap	26	2,995	8	120	456	172	2,239	Se 2,471	Mh 1,930	2,468	1,509	889	11	59	14,734,246
22	Sporting and athletic goods	27	540	16	39	28	28	429	De 530	Jy 369	539	392	138	4	5	1,406,754
23	Stamped and enameled ware, not elsewhere specified.	17	1,250	3	49	61	52	1,085	Fe 1,166	My 1,020	1,103	721	381	.....	1	3,806,636
24	Statuary and art goods	15	513	9	24	31	11	438	De 493	Ja 394	494	477	13	4	.....	822,876
25	Stencils and brands	5	18	5	.....	.....	.....	13	De 14	Mh 12	15	12	1	2	.....	20,412
26	Stoves and hot-air furnaces	22	1,602	4	102	151	109	1,236	.....	.....	1,376	1,364	.....	12	.....	5,361,759
27	Stoves and ranges	13	1,370	2	80	127	89	1,072	Oc 1,246	Ja 607	1,205	1,193	.....	12	.....	4,769,685
28	Hot-air furnaces	9	232	2	22	24	20	164	Oc 182	Mh 147	171	171	.....	.....	.....	592,074
29	Stoves, gas and oil	6	53	2	4	4	7	36	No[2] 80	Mh 12	80	78	2	.....	.....	926,726
30	Structural ironwork, not made in steel works or rolling mills.	89	3,751	42	243	435	103	2,928	Ja 3,490	Je 2,691	2,995	2,992	3	.....	.....	14,441,174
31	Tinware, not elsewhere specified	19	4,183	14	100	186	103	3,780	Au 4,164	Ap 3,482	3,489	2,144	1,340	5	.....	21,947,040
32	Tobacco, cigars and cigarettes	665	2,587	738	60	55	12	1,722	Ja 2,035	Se 1,028	2,160	1,488	669	3	.....	2,669,647
33	Tools, not elsewhere specified	90	3,051	63	188	150	175	2,475	De 2,663	My 2,296	2,707	2,581	112	11	3	8,422,682
34	Toys and games	25	541	20	32	14	25	450	No 602	Ja 275	561	281	248	21	11	718,677
35	Trunks and valises	56	1,480	54	83	130	41	1,172	De 1,290	Ja 1,031	1,303	1,095	198	4	6	3,599,684
36	Type founding	3	16	3	1	.....	.....	12	(4) 12	(4) 12	13	11	2	.....	.....	28,002
37	Typewriters and supplies	8	64	5	4	3	3	49	Jy[2] 52	Ja 42	51	41	7	3	.....	123,786
38	Varnishes	30	1,036	6	100	265	143	522	Oc 572	Fe 455	546	485	59	1	1	8,471,720
39	Vinegar	6	163	5	8	16	7	127	Au 143	De 107	107	102	5	.....	.....	1,618,296
40	Wall plaster and composition flooring.	4	87	.....	13	10	2	62	Au 88	Fe 30	66	66	.....	.....	.....	278,251
41	Washing machines and clothes wringers.	9	454	1	28	25	23	377	No 475	Au[2] 317	483	476	5	2	.....	1,367,276
42	Waste, cotton	4	135	3	11	5	3	113	No[2] 118	Fe 108	118	89	29	.....	.....	415,876
43	Window and door screens and weather strips.	18	226	12	26	8	10	170	My 204	Fe 123	175	142	32	1	.....	709,719
44	Wirework, not elsewhere specified	33	414	30	41	28	25	290	Au 316	Fe 275	298	285	10	3	.....	728,231
45	Wood, turned and carved	23	576	15	24	61	22	454	De 500	Ja 397	497	453	30	11	3	882,503
46	Wooden goods, not elsewhere specified.	5	159	3	10	16	5	125	My 142	Ja 110	126	121	3	2	.....	440,412
47	Wool pulling	5	69	5	6	2	.....	56	De 83	My 30	83	83	.....	.....	.....	187,822
48	All other industries*	974	103,192	581	4,092	9,913	4,924	83,682	.....	.....	89,378	73,291	14,986	365	736	586,406,519

*All other industries embrace—

Aeroplanes, seaplanes, and airships, and parts 1
Agricultural implements 4
Artificial flowers 11
Artificial limbs 10
Asbestos products, not including steam packing 5
Babbitt metal and solder 9
Bags, other than paper, not including bags made in textile mills 8
Bags, paper, not including bags made in paper mills 3
Baking powders and yeast 10
Baskets, and rattan and willow ware 9
Belting and hose, rubber 1
Belting and hose, woven, other than rubber 2
Belting, leather 8
Blacking, stains, and dressings 22
Boot and shoe cut stock 5
Boot and shoe findings 4
Canning and preserving, fruits and vegetables 2
Card cutting and designing 4
Carpets, rag 11
Carriage and wagon materials 2
Cars and general shop construction and repairs by electric-railroad companies 7
Chewing gum 6
Chocolate and cocoa products 1
Clocks 4
Cloth, sponging and refinishing 4
Clothing, horse 3
Coffee and spice, roasting and grinding 30
Coke, not including gas-house coke 2
Combs and hairpins, not made from metal or rubber 1
Condensed milk 2
Cordage and twine 2
Cordials and flavoring sirups 8
Cork, cutting 3
Cotton goods 5
Cotton small wares 2
Crucibles 1
Drug grinding 2
Dyeing and finishing textiles, exclusive of that done in textile mills 9
Dyestuffs and extracts—natural 3
Enameling 5
Engines, steam, gas, and water 6
Envelopes 13
Feathers and plumes 2
Felt goods 1
Fertilizers 3
Files 1
Firearms 1
Fire extinguishers, chemical 3
Foundry supplies 8
Galvanizing 5
Gas, illuminating and heating 2
Gloves and mittens, cloth, not including gloves made in textile mills 2
Gloves and mittens, leather 28
Glue, other than fish 7
Gold and silver, reducing and refining, not from the ore 4
Graphite, ground and refined 1
Grease and tallow, not including lubricating greases 6
Haircloth 1
Hair work 17
Hammocks 1
Hardware, saddlery 1
Hats and caps, other than felt, straw, and wool 46
Hats, straw 11
Hats, wool-felt 4
Horseshoes, not made in steel works or rolling mills 1
Ink, writing 4
Instruments, professional and scientific 31
Iron and steel, blast furnaces 4
Iron and steel, steel works and rolling mills 10
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 9

[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.								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.*								
4,353,295	8,205,629	7,536,247	5,436,149	847,134	1,961,383	24,306,876	309,786	70,741,226	46,124,564	7,698	1,925	.....	40	.....	5,733	1,097	1
1,260,800	2,954,456	3,640,953	233,592	127,045	1,309,497	12,417,512	145,964	28,387,010	15,823,534	2,961	10	.....	.....	.....	2,951	.....	2
749,565	2,190,285	3,368,612	196,343	394,022	205,455	7,497,463	143,330	17,317,700	9,676,907	4,378	1,615	.....	.....	.....	2,763	1,091	3
2,342,930	3,060,888	526,682	5,006,214	326,067	446,431	4,391,901	20,492	25,036,516	20,624,123	359	300	.....	40	.....	19	6	4
109,248	142,605	360,157	.....	45,232	81,569	590,448	28,953	1,812,376	1,192,975	719	.....	.....	45	.....	674	.....	5
72,157	21,470	141,657	2,849	4,838	15,897	300,524	7,175	739,234	431,535	132	.....	.....	40	.....	92	.....	6
22,255	26,802	94,809	6,191	13,017	3,746	256,559	3,161	499,235	239,515	71	.....	.....	.....	.....	71	.....	7
376,778	384,863	1,520,760	379	8,753	206,389	8,795,655	364,908	13,744,658	4,584,095	2,411	380	.....	.....	.....	2,031	311	8
178,248	104,045	479,619	.....	10,433	87,901	1,315,530	60,355	2,867,089	1,491,204	1,357	300	.....	.....	.....	1,057	.....	9
52,292	25,438	305,992	.....	31,821	28,262	1,219,661	8,804	1,941,086	712,621	136	.....	.....	.....	.....	136	.....	10
174,321	93,553	1,149,603	200,000	43,546	130,912	7,245,349	75,205	9,817,698	2,497,144	1,399	101	.....	15	.....	1,283	.....	11
134,026	71,757	644,447	200,000	29,111	97,933	6,066,318	68,132	7,854,520	1,720,070	1,310	101	.....	15	.....	1,194	.....	12
40,295	21,796	505,156	.....	14,435	32,979	1,179,031	7,073	1,963,178	777,074	89	.....	.....	.....	.....	89	.....	13
85,753	54,887	511,501	.....	24,351	29,356	467,921	24,779	1,355,906	863,206	478	.....	.....	.....	.....	478	.....	14
200,907	119,002	454,784	12,107	66,383	50,209	1,638,138	6,703	3,033,885	1,389,044	80	.....	.....	.....	.....	80	.....	15
407,642	349,798	1,326,920	111,523	82,770	68,672	2,218,935	53,908	5,853,444	3,580,601	893	65	.....	48	.....	785	11	16
155,528	125,158	693,870	11,168	47,959	14,909	1,087,798	17,785	2,498,152	1,392,569	374	65	.....	.....	.....	309	10	17
252,114	224,640	633,050	100,355	34,811	53,763	1,131,137	36,123	3,355,292	2,188,032	524	.....	.....	48	.....	476	1	18
4,534,883	7,535,100	69,864,164	16,775	175,009	3,856,076	951,761,019	6,025,316	1,083,090,049	125,303,714	67,374	39,548	8,518	.....	.....	19,308	29,228	19
99,526	54,566	421,291	.....	19,520	41,770	8,315,052	79,466	9,952,370	1,557,852	540	.....	.....	18	.....	522	.....	20
442,175	832,109	2,339,391	10,654	50,678	156,149	18,932,424	395,260	25,504,617	6,176,933	2,488	1,020	.....	25	.....	1,443	1,095	21
140,662	64,198	454,760	7,020	26,236	58,541	1,087,129	24,764	2,151,966	1,040,073	471	.....	.....	.....	.....	471	.....	22
190,402	161,133	1,045,806	14,977	69,751	240,538	2,061,453	68,459	4,780,782	2,650,870	1,231	175	.....	139	.....	917	175	23
68,351	46,477	520,316	7,949	18,108	21,106	396,986	14,019	1,640,453	1,229,448	160	60	.....	.....	.....	100	225	24
.....	.....	14,359	.....	1,457	104	9,217	374	38,350	28,759	7	.....	.....	.....	.....	7	.....	25
372,061	358,840	1,828,401	.....	40,674	411,777	3,018,486	69,272	8,061,984	4,974,226	1,526	250	.....	100	.....	1,176	275	26
300,884	304,241	1,605,257	.....	27,043	388,515	2,497,450	65,702	6,932,168	4,369,016	1,467	250	.....	100	.....	1,117	275	27
71,177	54,599	223,144	.....	13,631	23,262	521,036	3,570	1,129,816	605,210	59	.....	.....	.....	.....	59	.....	28
25,135	8,795	75,835	1,000	5,118	7,376	120,880	3,381	235,737	111,476	28	.....	.....	.....	.....	28	.....	29
947,305	964,307	4,041,722	140,533	97,030	344,711	11,842,931	250,135	20,767,777	8,674,711	8,771	4,787	40	81	.....	3,863	6,634	30
348,333	430,361	4,162,530	3,963	44,754	930,874	15,487,746	166,387	24,378,445	8,724,312	3,356	865	.....	.....	.....	2,491	687	31
119,755	82,058	1,722,859	3,492	129,191	701,764	2,740,965	24,417	6,506,200	3,740,818	25	.....	.....	.....	.....	25	.....	32
678,060	598,335	3,118,773	21,274	132,014	540,356	3,223,236	310,134	9,827,492	6,294,122	4,707	215	2,120	93	.....	2,279	1,871	33
60,811	39,175	370,361	4,253	28,565	10,432	762,549	11,165	1,547,508	773,794	259	.....	.....	8	.....	251	.....	34
352,262	339,651	1,476,671	1,500	85,892	130,737	3,803,463	28,492	7,256,970	3,425,015	705	255	.....	.....	.....	450	181	35
2,008	.....	10,232	.....	2,400	1,408	9,244	601	35,773	25,928	9	.....	.....	.....	.....	9	.....	36
14,611	10,182	56,143	.....	7,253	4,628	129,175	1,597	314,347	183,575	81	.....	.....	.....	.....	81	.....	37
493,667	665,803	548,603	17,810	95,231	147,982	7,363,580	74,247	11,115,727	3,677,900	2,124	1,212	.....	15	.....	897	150	38
39,688	44,607	156,967	.....	8,339	73,347	1,176,666	48,202	1,901,025	676,157	733	521	.....	.....	.....	212	.....	39
41,147	17,882	99,938	.....	7,546	3,959	468,261	2,898	766,088	294,929	1,118	.....	.....	.....	.....	1,118	.....	40
104,720	33,407	507,642	.....	15,148	57,305	1,731,686	11,596	2,959,681	1,216,399	142	.....	.....	.....	.....	142	.....	41
106,447	14,193	105,401	.....	24,125	9,578	934,055	12,106	1,302,437	356,276	560	.....	.....	20	.....	540	.....	42
93,993	25,881	166,307	1,800	18,592	31,951	512,306	4,096	1,095,668	579,266	389	200	.....	.....	.....	189	.....	43
139,517	59,205	314,243	1,805	31,272	52,570	753,701	10,980	1,731,248	966,567	369	.....	.....	4	.....	365	.....	44
91,348	89,169	543,878	700	31,012	17,255	554,916	21,446	1,657,456	1,081,094	632	250	.....	15	.....	367	108	45
21,598	28,347	113,710	.....	4,380	13,462	322,408	3,248	681,046	355,390	391	350	.....	.....	.....	41	73	46
25,089	2,840	79,225	13,636	3,780	1,272	1,113,690	4,504	1,314,367	196,173	90	35	.....	.....	.....	55	.....	47
16,652,463	20,844,061	103,660,768	801,651	2,634,102	35,123,876	415,707,931	46,799,971	747,174,081	284,666,179	358,264	181,201	70,130	28,364	.....	78,569	166,623	48

Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills. 4
Iron and steel, wrought pipe 1
Ivory, shell, and bone work, not including combs and hairpins 2
Jewelry and instrument cases 7
Lamps and reflectors 23
Lasts 1
Lead, bar, pipe, and sheet 1
Lime 2
Liquors, distilled, grain alcohol 1
Liquors, vinous 2
Lubricating greases 4
Malt 9
Matches 1
Minerals and earths, ground or otherwise treated 2
Mirrors, framed and unframed, not elsewhere specified 10
Mucilage, paste, and other adhesives, not elsewhere specified 11
Musical instruments and materials, not specified 20
Nets and seines 2
Oil and cake, cottonseed 1
Oil, linseed 2
Oils, not elsewhere specified 15
Oleomargarine and other butter substitutes 8
Paper and wood pulp 2
Paper patterns 1
Peanuts, grading, roasting, cleaning, and shelling 1
Pencils, lead 1
Pens, fountain and stylographic 4
Photographic materials 12
Pipes, tobacco 4
Plumbers' supplies, not elsewhere specified 11
Pottery 4
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments 1
Pulp goods 2
Pumps, steam and other power 7
Refrigerators 8
Rules, ivory and wood 1
Safes and vaults 1
Sand and emery paper and cloth 1
Saws 12
Screws, machine 22
Sewing machines and attachments 2
Shipbuilding, steel, new vessels 1
Shipbuilding, wooden 3
Show cases 7
Silk goods, including throwsters 4
Silversmithing and silverware 4
Soda-water apparatus 9
Springs, steel, car and carriage, not made in steel works or rolling mills. 10
Stationery goods, not elsewhere specified 29
Steam fittings and steam and hot-water heating apparatus 16
Steam packing 17
Steel barrels, drums, and tanks 2
Stereotyping and electrotyping 25
Sulphuric, nitric, and mixed acids 1
Surgical appliances 24
Suspenders, garters, and elastic woven goods 8
Theatrical scenery 2
Tin foil 2
Tobacco, chewing and smoking, and snuff 25
Umbrellas and canes 2
Upholstering materials, not elsewhere specified 6
Vault lights and ventilators 11
Wall paper, not made in paper mills. 6
Watchcases 2
Watch materials, except watchcases 1
Whips 2
Windmills 1
Window shades and fixtures 57
Wire 3
Wool scouring 4

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

[4] Same number reported throughout the year.

TABLE 43.—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	**EAST ST. LOUIS**—All industries.	157	10,637	97	306	1,007	442	8,785	Ja 9,804	My 7,833	10,257	9,775	458	21	3	*Dollars.* 55,316,941
2	Automobile repairing	6	33	9	2	.....	1	21	Se 26	Ap [3] 18	22	22	.....	.....	.....	22,463
3	Bread and other bakery products	24	106	24	4	3	5	70	De [3] 77	Ja [3] 66	78	71	7	.....	.....	178,254
4	Cars and general shop construction and repairs by steam-railroad companies.	7	1,262	.....	21	85	14	1,142	De 1,196	Je 1,085	1,196	1,196	.....	.....	.....	1,155,550
5	Copper, tin, and sheet-iron work	13	44	14	.....	.....	1	29	Oc 31	Fe 25	31	30	1	.....	.....	37,335
6	Flour-mill and gristmill products	6	403	1	27	59	27	289	Au 313	Jy 255	303	303	.....	.....	.....	3,317,495
7	Food preparations, peanut butter and sweetening sirups, other than cane.	4	562	1	18	194	153	196	Je 230	Oc [3] 179	216	214	2	.....	.....	1,806,999
8	Mineral and carbonated waters	5	20	5	6	.....	1	8	Se 14	Ja [3] 4	13	11	.....	2	.....	90,301
9	Paints	5	219	1	18	23	10	167	Oc 195	Ja 137	182	182	.....	.....	.....	1,953,789
10	Printing and publishing, book and job.	5	26	4	2	.....	3	17	Mh [3] 18	De [3] 16	16	13	3	.....	.....	29,429
11	Saddlery and harness	3	5	3	.....	.....	.....	2	(4) 2	(4) 2	2	2	.....	.....	.....	2,945
12	Tobacco, cigars	8	44	6	3	2	2	31	My [3] 38	Jy 22	36	28	8	.....	.....	60,404
13	All other industries *	71	7,913	29	205	641	225	6,813	.....	.....	8,162	7,703	437	19	3	46,661,887

*All other industries embrace—
Artificial stone products 1
Automobile bodies and parts 1
Awnings, tents, and sails 1
Baking powders 2
Boot and shoe findings 1
Boxes, wooden packing, except cigar boxes 1
Brooms, from broom corn 1
Carriages and wagons, repair work only 1
Cars and general shop construction and repairs by electric-railroad companies 2
Cars, steam-railroad, not including operations of railroad companies 2
Chemicals 4
Clothing, men's 2
Confectionery, ice cream 3
Cooperage, hogsheads and barrels 1
Druggists' preparations 2
Electrical machinery, apparatus, and supplies 1
Fertilizers 2
Fireworks 1
Flax and hemp, dressed 1
Foundry and machine-shop products 7
Gas, illuminating and heating 1
Glass 1
Ice, manufactured 1

1	**PEORIA**—All industries	253	9,907	214	413	859	444	7,977	Jy 8,447	Se 7,643	8,580	6,850	1,516	188	26	44,742,730
2	Artificial stone products	5	42	6	4	4	.....	28	Se 45	Ja 13	34	34	.....	.....	.....	65,570
3	Automobile repairing	8	75	12	3	.....	2	58	Jy 67	Au 46	68	68	.....	.....	.....	82,852
4	Brass and bronze products	3	132	1	9	6	9	107	De 132	Oc 68	127	115	12	.....	.....	321,752
5	Bread and other bakery products	33	409	38	10	39	34	288	De [3] 295	Au 278	296	194	100	2	.....	656,170
6	Confectionery and ice cream	6	99	5	10	10	3	71	Au 92	Ja [3] 51	76	65	10	1	.....	521,949
7	Cooperage, hogsheads and barrels	3	245	.....	16	4	2	223	Oc 266	Mh 173	229	218	10	1	.....	822,096
8	Flour-mill and gristmill products	4	52	3	4	10	6	29	No [3] 31	Mh [3] 28	30	30	.....	.....	.....	575,565
9	Foundry and machine-shop products	15	257	10	18	4	10	215	Jy 262	Oc 171	223	209	14	.....	.....	584,476
10	Ice, manufactured	3	93	.....	9	7	1	76	Jy 113	Ja [3] 47	65	64	1	.....	.....	501,814
11	Lumber, planing-mill products, not including planing mills connected with sawmills.	6	157	1	11	5	2	138	Se 164	Ja 106	155	155	.....	.....	.....	627,232
12	Marble and stone work	7	108	13	11	19	3	62	Au 73	Ja 51	62	62	.....	.....	.....	322,406
13	Mineral and carbonated waters	4	40	3	9	10	3	15	Oc [3] 19	Ja [3] 10	26	21	5	.....	.....	166,068
14	Printing and publishing, book and job.	21	274	22	24	22	17	189	De 203	Ja 173	202	144	47	9	2	1,403,742
15	Printing and publishing, newspapers and periodicals.	9	429	8	27	67	43	284	Mh 290	Ap 278	288	115	26	147	.....	547,617
16	Tobacco, cigars	27	216	27	5	4	3	177	De 269	Ap 135	253	94	158	1	.....	279,758
17	All other industries *	99	7,279	65	243	648	306	6,017	.....	.....	6,446	5,262	1,133	27	24	37,262,763

*All other industries embrace—
Agricultural implements 3
Artificial limbs 2
Automobile bodies and parts 3
Awnings, tents, and sails 1
Baking powders 1
Bookbinding and blank-book making 3
Boxes, cigar 1
Boxes, set-up paper boxes and shipping containers 2
Boxes, wooden packing, except cigar boxes 2
Butter 2
Canning and preserving, vegetables 2
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
Cleansing and polishing preparations 2
Clothing, men's 2
Clothing, women's 2
Coffee, roasting and grinding 1
Coffins, burial cases, and undertakers' goods 1
Copper, tin, and sheet-iron work 6
Cordage and twine 1
Druggists' preparations 1
Food preparations, peanut butter and sweetening sirups, other than cane. 2
Furniture 2
Gas, illuminating and heating 1
Gas machines 1
Gloves and mittens, cloth, not including gloves made in textile mills 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.										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—Continued.																	
Dollars. 1,303,806	*Dollars.* 1,765,863	*Dollars.* 10,936,425	*Dollars.* 93,983	*Dollars.* 51,432	*Dollars.* 1,574,508	*Dollars.* 51,374,286	*Dollars.* 2,528,592	*Dollars.* 77,292,812	*Dollars.* 23,389,934	40,627	27,914	2,571	175	.....	9,967	27,742	1
4,445	240	26,931	.....	5,250	315	30,203	907	80,532	49,422	30	.....	.....	.....	.....	30	.....	2
11,151	7,736	95,464	1,714	9,440	1,895	316,156	14,405	556,187	225,626	85	.....	.....	.....	.....	85	.....	3
57,789	148,860	1,878,569	.....	.....	6,091	1,068,332	48,334	3,265,803	2,149,137	656	140	.....	.....	.....	516	35	4
.....	416	36,168	.....	1,846	276	51,181	524	123,478	71,773	2	.....	.....	.....	.....	2	1	5
158,610	128,676	316,820	.....	.....	261,395	13,125,074	52,026	14,785,792	1,608,692	3,281	1,560	.....	175	.....	1,546	.....	6
55,311	194,564	191,020	16,691	3,000	95,032	7,162,494	47,715	8,125,948	915,739	1,118	275	.....	.....	.....	843	.....	7
7,820	324	9,218	.....	612	3,728	27,355	862	55,515	27,298	30	.....	.....	.....	.....	30	.....	8
84,623	55,314	188,264	.....	2,380	62,555	1,430,342	50,313	2,198,681	709,026	915	825	.....	.....	.....	90	.....	9
3,120	2,460	20,807	.....	2,112	232	33,021	744	91,527	57,762	18	.....	.....	.....	.....	18	.....	10
.....	.....	1,500	.....	780	50	3,132	65	8,095	4,898	.....	.....	.....	.....	.....	.....	.....	11
2,680	3,186	28,299	.....	1,140	12,785	46,144	195	104,673	58,334	.....	.....	.....	.....	.....	.....	.....	12
918,257	1,224,087	8,143,365	75,578	24,572	1,130,154	28,071,852	2,312,502	47,896,581	17,512,227	34,492	25,114	2,571	.....	.....	6,807	27,706	13

Iron and steel, steel works and rolling mills..... 1
Iron and steel, forgings, not made in steel works or rolling mills..... 2
Iron and steel, welding..... 1
Liquors, malt..... 1
Looking-glass and picture frames..... 1
Lumber, planing-mill products, not including planing mills connected with sawmills..... 2
Marble and stone work..... 1
Minerals and earths, ground or otherwise treated..... 1
Paving materials..... 2
Petroleum, refining..... 3
Pickles and sauces..... 1
Printing, job..... 2
Roofing materials..... 3
Signs, other than electric..... 1
Slaughtering and meat packing..... 3
Smelting and refining, zinc..... 1
Springs, steel, railway..... 1
Structural ironwork, not made in steel works or rolling mills..... 2
Sulphuric, nitric, and mixed acids..... 1
Wirework, not elsewhere specified..... 1

1,505,197	1,790,221	8,151,021	59,971	196,621	1,090,017	34,665,482	1,253,436	57,074,893	21,155,975	25,510	14,079	666	110	.....	10,655	3,117	1
5,191	2,372	26,512	.....	2,070	374	31,498	1,576	74,865	41,791	35	.....	.....	12	.....	23	.....	2
6,372	2,100	70,906	.....	9,171	331	37,655	3,330	138,995	98,010	123	.....	.....	.....	.....	123	.....	3
47,217	18,309	146,277	.....	8,180	46,610	264,823	13,964	607,080	328,203	131	60	.....	.....	.....	71	.....	4
46,194	124,447	231,893	320	24,239	41,196	1,204,494	33,633	2,148,132	910,005	283	.....	.....	.....	.....	283	.....	5
53,800	18,167	69,764	.....	3,708	3,368	359,599	14,245	600,309	226,465	310	.....	.....	.....	.....	310	.....	6
48,510	11,983	227,614	.....	.....	8,376	953,895	7,797	1,474,438	512,746	805	770	.....	.....	.....	35	.....	7
7,500	25,700	34,950	.....	1,200	2,258	613,818	7,827	909,318	287,673	460	100	.....	.....	.....	360	.....	8
42,697	14,027	284,001	300	6,696	15,631	283,508	11,639	741,656	446,509	515	8	.....	.....	.....	507	.....	9
21,064	10,580	84,905	.....	.....	6,787	12,552	56,908	402,685	333,225	1,075	1,075	.....	.....	.....	.....	22	10
33,854	6,992	153,336	.....	3,205	10,411	269,167	7,060	561,844	285,617	368	150	.....	25	.....	193	25	11
22,860	16,507	89,875	2,956	7,140	2,054	179,329	7,468	401,636	214,839	827	500	.....	.....	.....	327	.....	12
9,995	7,613	18,412	.....	3,075	8,564	138,140	1,713	271,078	131,225	32	4	.....	.....	.....	28	.....	13
50,685	32,848	181,935	17,192	13,657	3,264	237,222	6,604	697,024	453,198	260	.....	.....	60	.....	200	4	14
90,078	135,615	183,269	30,429	11,370	6,430	298,447	10,003	1,092,411	783,961	203	.....	.....	.....	.....	203	.....	15
9,928	6,857	124,376	160	3,798	45,907	201,052	690	429,523	227,781	1	.....	.....	.....	.....	1	.....	16
1,009,252	1,356,104	6,222,900	8,614	99,112	888,456	29,580,283	1,068,979	46,523,899	15,874,637	20,082	11,412	666	13	.....	7,991	3,066	17

Grease and tallow, not including lubricating greases..... 1
Hand stamps..... 1
Hardware, locks..... 1
Ink, writing..... 1
Iron and steel, forgings, not made in steel works or rolling mills..... 1
Iron and steel, welding..... 1
Jewelry..... 1
Liquors, distilled, grain alcohol..... 4
Liquors, malt..... 2
Malt..... 1
Mattresses and spring beds, not elsewhere specified..... 2
Models and patterns, not including paper patterns..... 1
Paints..... 1
Paper and wood pulp..... 2
Patent medicines and compounds..... 3
Photo-engraving..... 1
Pickles, preserves, and sauces..... 2
Pumps, not including power pumps..... 1
Saddlery and harness..... 4
Scales and balances..... 2
Shirts..... 1
Slaughtering and meat packing..... 3
Steam fittings and steam and hot-water heating apparatus..... 1
Steel barrels, drums, and tanks..... 1
Stoves and hot-air furnaces..... 2
Structural ironwork, not made in steel works or rolling mills..... 1
Tinware, not elsewhere specified..... 1
Tobacco, smoking..... 1
Tools, not elsewhere specified..... 1
Vinegar..... 1
Washing machines and clothes wringers..... 1
Wirework, not elsewhere specified..... 1

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

[4] Same number reported throughout the year.

TABLE 43.—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.
1	**ROCKFORD**—All industries	312	17,760	186	853	989	740	14,992	De 17,124	My 12,516	17,126	13,812	3,204	96	14	*Dollars.* 68,562,621
2	Artificial stone products	4	17	6	3	.....	.....	8	Jy [3] 12	Ja [3] 1	12	12	.....	.....	.....	44,423
3	Automobile repairing	10	116	15	8	1	7	85	Jy [3] 94	Fe 75	88	87	1	.....	.....	174,894
4	Bread and other bakery products	28	191	36	4	7	14	130	Mh 177	Ja [3] 123	146	123	23	.....	.....	331,863
5	Clothing, men's	4	234	3	13	6	7	205	Au 214	Mh 186	207	24	180	3	.....	470,242
6	Confectionery and ice cream	13	160	8	11	9	11	121	.....	.....	123	60	57	3	3	508,104
7	Confectionery	7	63	5	5	9	4	40	No 56	Je 27	53	18	32	.....	3	254,697
8	Ice cream	6	97	3	6	.....	7	81	Jy 94	De 45	70	42	25	3	.....	253,407
9	Copper, tin, and sheet-iron work	9	30	9	1	.....	.....	20	Oc 23	Je 18	23	23	.....	.....	.....	42,677
10	Foundry and machine-shop products	25	1,659	15	79	111	47	1,407	De 1,766	My 1,104	1,763	1,279	445	39	.....	4,557,466
11	Furniture	32	2,387	1	100	124	65	2,097	De 2,621	Ap 529	2,654	2,503	147	4	.....	8,394,258
12	Knit goods	5	1,812	.....	34	19	47	1,712	Oc 1,776	Ap 1,632	1,769	795	966	6	2	8,306,941
13	Machine tools	10	2,529	3	92	152	78	2,204	De 2,656	Je 1,760	2,656	2,540	116	.....	.....	9,111,193
14	Marble and stone work, monuments and tombstone.	5	24	4	3	4	.....	13	My 17	Ja [3] 7	15	15	.....	.....	.....	89,912
15	Models and patterns, not including paper patterns.	5	30	7	2	.....	1	20	De 28	Ja 14	23	21	1	1	.....	22,573
16	Printing and publishing, book and job.	16	194	12	20	15	15	132	Oc 143	Fe 114	137	72	60	4	1	401,441
17	Printing and publishing, newspapers and periodicals.	5	178	.....	17	54	33	74	De [3] 77	My [3] 72	77	76	1	.....	.....	348,511
18	Pumps, not including power pumps	4	274	.....	22	9	8	235	De 251	Je 215	134	132	2	.....	.....	927,391
19	Tobacco, cigars	5	20	6	.....	.....	.....	14	De 20	My [3] 9	20	11	9	.....	.....	24,427
20	Tools, not elsewhere specified	8	111	2	25	3	7	74	Ja 104	Je 48	92	91	1	.....	.....	257,253
21	All other industries*	115	7,794	59	419	475	400	6,441	.....	.....	7,187	5,948	1,195	36	8	34,549,052

*All other industries embrace—
Agricultural implements 2
Automobile bodies and parts 6
Belting, leather 1
Bookbinding and blank-book making 2
Boots and shoes, not including rubber boots and shoes 1
Boxes, set-up paper boxes and shipping containers 2
Boxes, wooden packing, except cigar boxes 1
Brass and bronze products 1
Butter 2
Buttons 1
Canning and preserving, vegetables 1
Carpets, rag 1
Carriages and wagons, including repairs 2
Cars and general shop construction and repairs by electric-railroad companies 2
Cars and general shop construction and repairs by steam-railroad companies 1
Cash registers and calculating machines 1
Cleansing preparations 1
Cutlery and edge tools, augers, bits, chisels, and planes 1
Dairymen's and poultrymen's supplies 3
Electrical machinery, apparatus, and supplies 3
Engines, steam, gas, and water 1
Flour-mill and gristmill products 3
Food preparations, not elsewhere specified 2
Fur goods 1
Galvanizing 1
Gas, illuminating and heating 1
Gas machines 1
Glass, cutting, staining, and ornamenting 2
Grease and tallow, soap stock 2
Hand stamps 1
Hardware 3
Ice, manufactured 2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 1
Iron and steel, forgings, not made in steel works or rolling mills 1

1	**SPRINGFIELD**—All industries.	181	6,448	168	291	356	268	5,365	Oc 5,769	Mh 5,031	5,913	4,270	1,608	20	15	21,594,755
2	Automobile repairing	9	107	13	4	1	4	85	Se 107	Mh 62	102	101	1	.....	.....	90,536
3	Bread and other bakery products	18	176	27	9	12	15	113	Oc 120	Mh 108	121	88	32	1	.....	266,050
4	Cars and general shop construction and repairs by steam-railroad companies.	4	420	.....	14	8	1	397	De 435	Je 369	435	435	.....	.....	.....	375,202
5	Confectionery and ice cream	8	84	7	6	3	3	65	De 74	Ja 52	70	26	39	.....	5	87,148
6	Copper, tin, and sheet-iron work	15	89	21	5	4	5	54	Oc [3] 60	Ja [3] 48	59	55	2	2	.....	75,434
7	Foundry and machine-shop products.	12	394	10	38	33	21	292	No 388	Fe 201	308	307	.....	1	.....	1,809,240
8	Lumber, planing-mill products, not including planing mills connected with sawmills.	4	87	4	5	5	1	72	Se 91	Ja [3] 56	79	75	.....	4	.....	196,068
9	Marble and stone work, monuments and tombstones.	3	20	4	4	1	2	9	Au [3] 10	Ja [3] 6	10	10	.....	.....	.....	22,388
10	Mineral and carbonated waters	5	22	6	1	.....	.....	15	Je [3] 18	Fe [3] 12	14	14	.....	.....	.....	54,653
11	Printing and publishing, book and job.	12	166	6	12	10	11	127	No 143	Ja 123	139	102	36	1	.....	422,592
12	Printing and publishing, newspapers and periodicals.	12	426	5	21	80	48	272	My 295	Ja [3] 262	319	275	43	1	.....	632,960
13	Saddlery and harness	4	18	4	1	2	1	10	Ja [3] 11	My [3] 10	10	10	.....	.....	.....	37,310
14	Tobacco, cigars	15	88	15	6	2	.....	65	No [3] 78	Je 58	78	62	11	5	.....	41,149
15	All other industries *	60	4,351	46	165	195	156	3,789	.....	.....	4,169	2,710	1,444	5	10	17,483,125

* All other industries embrace—
Agricultural implements 4
Artificial stone products 3
Automobile bodies and parts 1
Awnings, tents, and sails 2
Boots and shoes, not including rubber boots and shoes 1
Boxes, cigar 1
Boxes, wooden packing, except cigar boxes 1
Brick, building 2
Brooms, from broom corn 1
Butter 2
Canning and preserving, vegetables 2
Carriages and wagons, repair work only 2
Cars and general shop construction and repairs by electric-railroad companies 1
Clothing, women's, shirt waists and dresses, except house dresses 1
Electrical machinery, apparatus, and supplies 1
Engines, steam, gas, and water 1
Flour-mill and gristmill products 2
Food preparations, not elsewhere specified 2
Foundry supplies 1
Gas, illuminating and heating 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.										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.	Value of products.	Value added by manufacture.	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.*								
2,584,223	2,156,066	18,379,147	222,464	211,163	2,692,117	35,158,408	1,408,501	74,918,953	38,352,044	33,963	12,878	1,375	114	1,190	18,406	8,202	1
4,000	1,200	9,140	.....	660	221	18,007	344	47,460	29,109	34	.....	.....	15	.....	19	.....	2
9,719	5,555	105,539	300	11,598	9,414	132,874	6,036	318,078	179,169	140	.....	.....	2	.....	138	.....	3
7,879	27,218	162,104	652	13,643	1,787	744,709	22,487	1,160,595	393,399	119	.....	.....	.....	.....	119	.....	4
43,025	25,198	130,890	.....	9,300	22,200	727,452	5,571	1,132,613	399,590	97	.....	.....	.....	.....	97	.....	5
35,724	15,390	99,031	70	14,760	21,469	426,688	14,543	732,788	291,557	320	.....	.....	.....	.....	320	.....	6
4,688	8,466	28,751	70	4,230	12,375	97,546	3,436	175,423	74,441	37	.....	.....	.....	.....	37	.....	7
31,036	6,924	70,280	.....	10,530	9,094	329,142	11,107	557,365	217,116	283	.....	.....	.....	.....	283	.....	8
1,946	.....	29,031	.....	2,540	843	54,382	399	103,850	49,069	10	.....	.....	.....	.....	10	.....	9
246,042	165,299	1,926,615	.....	17,670	194,049	1,649,554	82,243	5,149,754	3,417,957	2,406	700	.....	1	140	1,565	1,340	10
239,138	353,977	2,546,861	100	17,205	171,786	4,659,615	121,937	9,836,745	5,055,193	5,798	3,230	.....	.....	.....	2,568	450	11
174,797	73,091	1,792,917	192,387	25,696	458,166	5,421,402	95,591	9,728,405	4,211,412	2,184	930	.....	.....	.....	1,254	450	12
403,118	305,361	3,058,942	.....	1,092	494,128	2,903,503	126,863	8,488,059	5,457,693	3,982	1,365	.....	.....	.....	2,617	1,075	13
11,000	4,800	21,584	75	501	379	61,295	1,330	119,671	57,046	60	.....	.....	6	.....	54	.....	14
7,800	300	21,805	.....	1,062	44	16,120	2,188	67,579	49,271	39	.....	.....	.....	.....	39	.....	15
36,712	35,850	123,836	1,441	17,805	3,889	185,674	5,379	487,825	296,772	127	.....	.....	.....	.....	127	.....	16
61,020	86,904	96,758	2,126	3,720	15,158	201,722	7,921	583,507	373,864	98	.....	.....	.....	.....	98	.....	17
69,685	28,808	331,586	.....	3,800	46,332	191,768	12,824	832,414	627,822	565	75	.....	.....	160	330	100	18
.....	.....	12,383	.....	650	5,885	21,955	281	46,882	24,646	2	.....	.....	.....	.....	2	.....	19
57,747	13,229	93,353	22,236	1,555	8,987	66,810	7,219	334,021	259,992	274	.....	.....	.....	150	124	.....	20
1,174,871	1,013,886	7,816,772	3,077	67,906	1,237,380	17,674,878	895,346	35,748,707	17,178,483	17,708	6,578	1,375	90	740	8,925	4,787	21

Iron and steel, tempering and welding 2
Leather goods, not elsewhere specified 2
Leather, tanned, curried, and finished 1
Lubricating greases 1
Lumber and timber products 1
Lumber, planing-mill products, not including planing mills connected with sawmills 3
Mattresses and spring beds, not elsewhere specified 2
Millinery and lace goods, not elsewhere specified 1
Mineral and carbonated waters 3
Minerals and earths, ground or otherwise treated 1
Mirrors, framed and unframed, not elsewhere specified 2
Musical instruments, pianos 2
Musical instruments, piano materials 1
Oil, composite 1
Paper and wood pulp 2
Patent and proprietary medicines 2
Paving materials 1
Pens, fountain and stylographic 1
Perfumery and cosmetics 1
Phonographs and graphophones 1
Photo-engraving 1
Pickles and sauces 1
Plated ware, hollow ware 1
Saddlery and harness 2
Sewing-machine cases 1
Sewing machines 1
Shipbuilding, wooden, including boat building 1
Show cases 1
Signs, other than electric 1
Slaughtering and meat packing 2
Stamped ware, not elsewhere specified 1
Stoves, gas and oil 2
Textile machinery and parts 1
Tinware, not elsewhere specified 2
Toys and games 1
Trunks and valises 1
Varnishes 1
Wall plaster and composition flooring 1
Watchcases 1
Watch materials, except watchcases 1
Wirework, not elsewhere specified 2
Woolen goods 1

774,391	601,790	5,077,077	64,595	97,843	681,369	11,901,842	482,110	22,723,365	10,339,413	7,849	3,265	76	13	.....	4,495	525	1
6,085	3,280	95,183	.....	8,360	685	96,489	2,980	272,799	173,330	63	.....	.....	3	.....	60	.....	2
10,883	23,079	101,130	.....	9,528	1,903	496,765	16,829	883,376	369,782	129	.....	.....	.....	.....	129	.....	3
39,868	10,348	633,825	.....	.....	1,644	252,896	34,314	971,251	684,041	475	220	.....	.....	.....	255	.....	4
4,970	6,926	41,150	.....	8,495	1,263	202,260	3,905	323,608	117,443	44	.....	.....	.....	.....	44	13	5
3,816	8,944	56,397	.....	4,729	625	75,574	1,145	211,004	134,285	7	.....	.....	2	.....	5	.....	6
88,180	53,441	317,379	1,678	1,380	57,288	1,020,411	27,622	2,030,208	982,175	895	.....	.....	.....	.....	895	.....	7
12,916	6,282	84,307	150	874	6,169	168,799	3,650	304,352	131,903	189	175	.....	.....	.....	14	.....	8
5,770	2,376	6,876	.....	1,416	89	36,730	500	58,572	21,342	62	.....	.....	.....	.....	62	.....	9
3,000	.....	12,975	300	840	816	49,036	561	88,221	38,624	25	.....	.....	.....	.....	25	.....	10
28,531	18,822	154,614	6,701	13,320	3,917	194,110	4,614	484,862	286,138	117	.....	.....	.....	.....	117	.....	11
75,762	88,021	270,395	38,664	10,073	6,039	239,531	5,811	955,964	710,622	218	.....	.....	.....	.....	218	.....	12
.....	702	6,844	.....	1,800	154	21,500	563	50,765	28,702	3	.....	.....	.....	.....	3	.....	13
6,388	2,080	47,048	.....	3,948	19,065	72,071	316	200,531	128,144	3	.....	.....	.....	.....	3	.....	14
488,222	377,489	3,248,954	17,102	33,080	581,712	8,975,670	379,300	15,887,852	6,532,882	5,619	2,870	76	8	.....	2,665	512	15

Gloves and mittens, cloth, not including gloves made in textile mills 1
Hair work 1
Hand stamps 1
House-furnishing goods, feather pillows and beds 1
Ice, manufactured 2
Jewelry 1
Lamps 2
Liquors, malt 1
Mattresses and spring beds, not elsewhere specified 1
Models and patterns, not including paper patterns 1
Optical goods 2
Patent and proprietary medicines 2
Photo-engraving 1
Rubber tires, tubes, and rubber goods, not elsewhere specified 1
Sausage, not made in slaughtering and meat-packing establishments 2
Toys and games 1
Wall plaster and composition flooring 1
Watch materials, except watchcases 2
Watches 1
Window and door screens 2
Wool shoddy 1

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

TABLE 43.—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 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																	
																		Dollars.
1	ALTON	60	3,688	45	208	99	100	3,236	Se	3,333	Je	3,163	3,338	2,820	517	1	.....	12,813,525
2	AURORA	133	8,016	112	364	496	436	6,608	No	6,969	Ap	6,358	6,858	5,448	1,115	217	78	35,307,941
3	BELLEVILLE	141	3,723	127	201	154	81	3,160	Se	3,338	Ja	2,558	3,380	2,547	715	109	9	8,755,624
4	BERWYN	15	42	14	2	1	.....	25	Je	29	Fe	21	25	21	4	.....	.....	77,220
5	BLOOMINGTON	83	3,306	64	145	186	93	2,818	No	2,912	Ja	2,728	2,955	2,633	280	23	19	7,830,947
6	BLUE ISLAND	34	1,417	32	41	113	51	1,180	Oc	1,610	Ja[2]	824	1,516	1,287	228	1	.....	9,479,428
7	CAIRO	55	2,081	27	108	97	57	1,792	De	2,043	Ap	1,520	1,996	1,700	294	1	1	6,901,242
8	CANTON	33	1,544	36	34	119	59	1,296	De	1,872	Je	575	1,811	1,570	221	20	.....	15,651,082
9	CENTRALIA	30	1,117	26	21	41	26	1,003	De	1,071	Ap	938	1,068	845	219	2	2	1,841,038
10	CHAMPAIGN	80	1,331	75	57	65	71	1,063	No	1,226	Fe	907	1,209	1,070	136	1	2	3,122,854
11	CHICAGO HEIGHTS	103	6,621	69	311	592	321	5,328	No	5,755	Ap	4,882	5,977	5,537	394	42	4	36,349,289
12	CICERO	92	20,681	63	584	3,571	1,709	14,754	De	16,486	Mh	14,006	16,750	13,342	3,366	35	7	49,841,122
13	DANVILLE	112	4,018	114	160	192	209	3,343	Ja	3,485	Je	3,139	3,809	3,537	269	3	.....	14,278,504
14	DECATUR	103	6,860	63	351	487	266	5,693	De	6,466	Ap	5,159	6,573	5,741	719	91	22	31,299,758
15	ELGIN	80	7,607	51	211	232	277	6,846	De	7,241	My	6,391	7,307	4,323	2,825	68	91	24,781,665
16	EVANSTON	101	1,876	109	60	194	108	1,405	De	1,540	Oc	1,160	1,660	1,422	227	7	4	13,989,316
17	FOREST PARK	28	252	21	24	3	12	192	Se	222	Ja	114	218	205	12	1	.....	847,781
18	FREEPORT	76	3,772	58	126	231	180	3,177	De	3,694	Ja	2,681	3,772	3,266	445	31	30	16,335,710
19	GALESBURG	77	2,620	68	145	100	85	2,222	Oc	2,531	Mh	1,986	2,592	2,240	244	108	.....	6,518,226
20	GRANITE CITY	37	6,220	28	268	340	91	5,493	Fe	7,123	Jy	3,913	6,374	5,821	519	32	2	41,585,586
21	HERRIN	12	77	17	2	3	3	52	Jy	63	Ja[2]	43	44	35	9	.....	.....	214,771
22	JACKSONVILLE	59	1,307	54	57	77	28	1,091	De	1,151	Mh	1,041	1,137	850	276	4	7	2,856,739
23	JOLIET	106	13,215	124	445	990	397	11,259	Ja	12,120	Oc	9,034	11,579	10,372	1,187	16	4	60,590,814
24	KANKAKEE	54	2,151	50	61	51	30	1,959	Oc	2,073	Ap	1,873	1,949	1,180	619	94	56	6,485,841
25	KEWANEE	37	4,546	35	123	298	181	3,909	De	5,039	Ja	2,871	4,907	4,378	484	28	17	12,110,122
26	LA SALLE	38	2,015	34	70	74	45	1,792	Oc	1,978	De	1,640	1,864	1,849	12	2	1	16,012,769
27	LINCOLN	33	279	30	25	10	20	194	Oc	308	Fe	153	270	175	87	2	6	1,091,457
28	MATTOON	65	1,342	70	61	44	33	1,134	No	1,207	Ap	1,081	1,206	1,128	76	2	.....	2,979,674
29	MAYWOOD	27	2,563	28	45	162	111	2,217	Au	2,457	Ap	1,954	2,246	1,820	426	.....	.....	16,289,412
30	MOLINE	61	6,484	37	222	519	262	5,444	Ja	5,838	Je	4,946	5,791	5,474	290	22	5	42,343,340
31	MURPHYSBORO	28	1,364	18	70	99	38	1,139	Se	1,232	Ja	1,046	1,206	998	208	.....	.....	4,424,639
32	OAK PARK	44	605	38	29	110	45	383	Se	408	Ja	344	392	361	29	.....	2	8,631,438
33	OTTAWA	62	928	51	48	64	36	729	De	872	Fe	558	875	748	127	.....	.....	5,257,518
34	PEKIN	37	1,069	32	35	50	18	934	Oc	1,219	Jy	451	1,043	1,020	21	2	.....	6,761,429
35	QUINCY	183	5,550	119	266	460	262	4,443	De	5,171	Ap	3,672	5,266	4,327	857	45	37	21,553,108
36	ROCK ISLAND	83	3,929	54	190	313	164	3,208	Ja	3,689	Jy	2,690	3,245	2,936	297	7	5	24,363,724
37	STREATOR	69	1,516	60	56	49	50	1,301	Au	1,494	Ja	1,090	1,269	1,033	220	14	2	6,338,531
38	URBANA	43	626	37	38	24	18	509	De	555	My	446	564	455	55	54	.....	1,414,929
39	WAUKEGAN	52	3,071	31	149	237	116	2,538	Se	2,937	Oc	2,028	3,247	2,790	422	11	24	22,734,451

[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.	Clerk, 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.*								
655,868	216,018	3,110,576	506	48,764	1,356,831	18,678,145	1,096,849	31,036,983	11,261,989	10,032	5,100	86	1,050	.....	3,796	92	1
1,410,569	1,265,980	7,687,490	49,359	51,987	855,655	12,150,994	532,550	30,038,961	17,355,417	11,429	5,081	150	18	375	5,805	2,828	2
582,515	365,872	2,896,500	3,745	19,560	435,511	7,464,762	214,937	14,017,292	6,337,593	6,212	2,942	.....	37	1	3,232	674	3
8,496	910	29,654	.....	1,040	2,110	74,754	3,543	155,157	76,860	60	.....	.....	47	.....	13	.....	4
462,801	371,656	3,395,962	314,031	31,373	263,513	5,330,278	236,597	11,519,580	5,952,705	6,196	3,066	50	14	.....	3,066	3,456	5
161,581	222,064	1,578,127	6,300	7,781	255,730	2,320,843	527,938	7,498,870	4,650,089	5,989	3,729	106	90	.....	2,064	403	6
296,422	188,473	1,744,982	5,936	14,359	163,076	7,195,775	114,614	10,526,159	3,215,770	6,731	5,140	.....	22	.....	1,569	1,253	7
199,725	53,335	1,127,285	5,298	9,224	354,843	2,345,424	165,976	4,558,447	2,047,047	4,154	352	3,500	.....	.....	302	2,616	8
48,715	113,079	1,132,638	4,680	8,063	25,912	1,261,777	66,053	3,010,556	1,682,726	1,232	981	.....	2	.....	249	1,201	9
138,210	150,730	1,248,856	9,433	43,963	58,331	2,595,055	137,887	5,187,010	2,454,068	2,082	322	.....	180	.....	1,580	305	10
1,561,277	1,222,529	7,028,428	101,744	62,078	1,057,703	21,785,502	1,315,989	41,788,147	18,686,656	27,176	13,696	810	105	.....	12,565	6,988	11
1,870,884	7,944,849	18,985,309	22,403	48,177	1,371,561	21,666,581	1,309,604	57,918,418	34,942,233	25,478	1,800	19,853	125	.....	3,700	21,582	12
386,772	446,631	3,861,510	12,190	43,312	111,750	8,008,373	701,580	15,005,953	6,296,000	8,452	5,341	100	64	.....	2,947	2,265	13
1,116,659	940,475	6,983,041	4,174	61,564	1,197,575	23,833,654	854,132	38,683,689	13,995,903	16,969	5,124	4,832	338	.....	6,675	13,569	14
789,599	575,290	7,725,633	46,588	47,477	1,948,166	10,608,821	209,150	25,648,891	14,830,920	6,891	4,621	.....	66	424	1,780	2,506	15
246,474	373,489	2,104,660	61,617	47,350	96,579	5,008,607	687,058	9,791,025	4,095,360	2,450	964	.....	43	.....	1,443	139	16
51,459	17,938	252,097	18,327	12,321	13,645	445,125	18,421	1,016,236	552,690	662	240	.....	67	.....	355	.....	17
457,136	455,154	3,387,403	8,495	38,660	448,584	10,535,886	326,462	18,405,204	7,542,856	7,313	2,119	1,485	498	.....	3,211	1,499	18
404,318	288,382	2,474,564	55,690	48,471	126,847	5,587,820	403,921	10,352,242	4,360,501	5,457	2,877	100	39	.....	2,441	505	19
954,944	720,281	8,193,240	93,256	16,705	1,149,929	24,152,909	1,606,662	43,039,044	17,279,473	25,322	16,078	6,850	.....	.....	2,394	15,835	20
3,300	6,403	69,217	.....	3,163	5,647	137,372	9,278	285,225	138,575	149	51	.....	2	.....	96	.....	21
146,731	186,717	936,256	5,834	10,449	64,394	5,047,006	130,050	7,126,506	1,949,450	1,830	819	.....	23	.....	988	55	22
1,563,703	2,373,043	15,714,479	45,079	50,917	4,224,076	38,381,758	10,619,920	82,669,536	33,667,858	83,226	45,939	7,975	12,005	.....	17,307	31,764	23
176,934	111,745	1,838,472	743	12,399	220,453	3,629,684	213,981	7,287,117	3,443,452	4,575	3,380	.....	.....	.....	1,195	843	24
542,969	631,007	5,222,838	1,373	9,588	766,810	6,861,145	478,042	16,278,508	8,939,321	9,167	3,028	4,255	.....	.....	1,884	3,532	25
365,257	178,066	2,283,157	220	22,888	228,057	3,813,121	1,458,307	9,533,706	4,262,278	20,388	11,049	2,000	50	.....	7,289	2,550	26
43,217	32,675	142,994	.....	8,343	23,679	350,702	33,060	784,734	400,972	559	420	.....	.....	.....	139	.....	27
156,718	78,337	1,468,375	2,930	18,262	33,264	1,755,473	100,801	4,051,058	2,194,784	1,707	818	.....	61	.....	828	931	28
171,578	349,213	2,774,639	6,207	6,341	666,762	9,299,065	128,615	14,432,705	5,005,025	2,208	1,687	.....	.....	.....	521	2,011	29
840,313	1,191,956	7,438,363	11,333	65,424	1,498,562	21,922,503	765,801	44,871,021	22,183,217	16,091	5,835	810	24	.....	9,922	6,085	30
189,712	190,636	1,183,338	943	3,367	121,594	3,401,186	479,506	6,208,317	2,327,625	4,460	4,075	50	55	.....	280	442	31
83,222	181,047	481,493	47,101	12,740	64,094	492,261	482,749	2,280,640	1,305,630	737	90	.....	10	.....	637	.....	32
117,786	120,459	797,643	1,260	16,276	107,182	1,329,882	244,846	3,223,647	1,648,919	2,903	750	120	35	.....	1,998	33	33
202,682	90,511	1,169,023	.....	5,960	196,964	16,100,935	461,749	25,663,968	9,101,284	6,042	2,115	2,100	50	2	1,775	5,947	34
811,241	917,515	4,208,365	53,279	82,573	877,949	11,966,004	471,638	23,498,813	11,061,171	11,739	6,137	40	31	.....	5,531	617	35
480,391	548,662	3,942,360	9,565	29,400	448,258	13,917,580	330,067	22,350,114	8,102,467	8,625	1,210	1,000	15	.....	6,400	2,327	36
166,266	114,172	1,124,019	2,512	18,226	219,357	2,076,880	876,507	6,062,302	3,708,915	4,973	2,185	500	6	.....	2,282	.....	37
72,417	31,309	615,552	12,813	12,046	34,174	382,739	57,491	1,450,522	1,010,202	2,427	673	.....	.....	.....	1,754	363	38
512,745	554,398	3,864,917	13,474	34,341	531,982	14,043,193	973,110	24,093,062	9,076,759	23,172	17,622	4,679	150	.....	721	6,786	39

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

INDIANA.

GENERAL STATISTICS.

General character of the state.—Indiana has a gross area of 36,354 square miles, of which 36,045 represent land surface. The inhabitants of the state in 1900 numbered 2,516,462; in 1910, 2,700,876; and in 1920, 2,930,390. In total population Indiana ranked eleventh among the states in 1920. The number of inhabitants per square mile in 1910 was 74.9, the corresponding figure for 1920 being 81.3.

In 1920 there were 31 cities in the state having more than 10,000 inhabitants. Six of these—Evansville, Fort Wayne, Gary, Indianapolis, South Bend, and Terre Haute—had more than 50,000 inhabitants. Twenty-nine of these cities (exclusive of Gary and and Whiting), with a combined population of 1,106,302 in that year, formed 37.8 per cent of the total for Indiana, and in 1919 reported 62.5 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 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 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 county totals for 1919 with those of prior censuses. Statistics for this census, however, show that two counties—Lake and Marion—reported 48.8 per cent of the total value of products for the state and 33.6 per cent of the total 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 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 35.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 2,000 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).—In general, increases are shown in this table from 1914 to 1919. Statistics for Gary and Whiting can not be shown separately without disclosing individual operations.

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 for the total industries of each of the 29 cities for which separate statistics can be shown. There were a number of industries in the state in 1919 in which the number of female wage earners predominated. The 29 cities combined reported a slightly larger proportion of the female wage earners than the state as a whole, 17.6 per cent as compared with 15 per cent for the state.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Indiana. In that year 14.9 per cent of the wage earners were included in the group "48 and under," as against 32.6 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 32.9 per cent of the total wage earners, as compared with 16.1 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, 93.3 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 26.2 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 6.7 per cent of the total number of manufacturing establishments in the state, but reported 73.8 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 is, of itself, no real index of manufacturing activities. The cities of Gary, Jeffersonville, Michigan City, and Whiting are omitted to avoid disclosure of individual operations.

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table, although corporations owned but 37.4 per cent of the number of establishments in the state in 1919, they reported 91.7 per cent of the average number of wage earners and 93.5 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 81,451, or 47 per cent, and the value of products, $1,121,465,264, or 171.7 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 29 cities (exclusive of Gary and Whiting), in 1919 represented 46.5 per cent of the total in the state. They reported in that year 66.9 per cent of the average number of wage earners and 62.5 per cent of the total value of products.

Principal industries in Evansville, Fort Wayne, Indianapolis, South Bend, and Terre Haute, with per cent of total for state (Table 16).—This table includes all industries in Indianapolis having products of $2,000,000 and over, and in Evansville, Fort Wayne, South Bend, and Terre Haute, all industries having products of $500,000 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 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.

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 386,209 horsepower, or 54.4 per cent. Owned power increased 213,779 horsepower, or 42.2 per cent, while rented power showed a gain of 172,430 horsepower, or 85.1 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.

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	7,916	8,022	7,969	7,044	7,128	−1.3	0.7	13.1	−1.2
Persons engaged	330,145	233,270	218,263	176,227	(2)	41.5	6.9	23.9	.....
Proprietors and firm members	6,768	7,229	7,674	7,191	(2)	−6.4	−5.8	6.7	.....
Salaried employees	45,797	28,538	23,605	14,862	10,447	60.5	20.9	58.8	42.3
Wage earners (average number)	277,580	197,503	186,984	154,174	139,017	40.5	5.6	21.3	10.9
Primary horsepower	1,095,912	709,703	633,377	380,758	325,919	54.4	12.1	66.3	16.8
Capital	$1,335,714,103	$668,863,232	$508,717,197	$312,071,234	$219,321,080	99.7	31.5	63.0	42.3
Salaries and wages	402,159,443	155,854,826	121,815,291	87,086,888	69,251,062	158.0	27.9	39.9	25.8
Salaries	85,116,446	36,596,497	26,304,675	15,028,789	9,970,931	132.6	39.1	75.0	50.7
Wages	317,042,997	119,258,329	95,510,616	72,058,099	59,280,131	165.8	24.9	32.5	21.6
Paid for contract work	3,802,139	1,949,324	2,145,858	1,360,092	(2)	95.0	−9.2	57.8	.....
Rent and taxes	79,286,180	33,332,276	30,179,792	[3] 2,373,100	(2)	137.9	10.4	.....	.....
Cost of materials	1,174,950,568	423,857,157	334,374,753	220,507,007	195,162,566	177.2	26.8	51.6	13.0
Value of products	1,898,753,387	730,795,021	579,075,046	393,954,405	337,071,630	159.8	26.2	47.0	16.9
Value added by manufacture[4]	723,802,819	306,937,864	244,700,293	173,447,398	141,909,064	135.8	25.4	41.1	22.2

[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.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state	7,916	277,580	$317,042,997	$79,286,180	$1,174,950,568	$1,898,753,387	$723,802,819	1,095,912
Adams	70	656	619,046	87,459	4,104,858	6,110,251	2,005,393	3,354
Allen	286	16,509	17,592,067	1,777,779	38,563,244	77,805,607	39,242,363	45,063
Bartholomew	63	1,578	1,335,313	258,434	5,470,469	8,678,779	3,208,310	3,788
Benton	15	34	24,306	2,102	70,125	136,653	66,528	76
Blackford	30	1,239	1,512,228	359,213	3,045,284	9,085,041	6,039,757	5,365
Boone	66	608	440,495	63,648	3,097,665	4,756,040	1,658,375	1,867
Brown	14	63	26,163	1,114	78,914	146,953	68,039	294
Carroll	41	173	146,068	11,900	442,612	838,250	395,638	1,318
Cass	84	2,666	3,396,385	82,165	7,232,446	11,695,351	4,462,905	7,263
Clark	62	1,536	1,751,977	417,182	5,972,163	9,514,530	3,542,367	9,477
Clay	71	1,206	1,182,164	73,555	2,934,530	5,280,021	2,345,491	5,517
Clinton	51	1,454	1,449,574	146,444	4,729,623	7,353,093	2,623,470	2,796
Crawford	29	161	92,649	3,749	409,138	606,430	197,292	714
Daviess	77	1,497	1,858,044	20,870	2,210,606	4,574,750	2,364,144	3,101
De Kalb	60	1,842	1,894,088	725,230	8,550,470	13,496,733	4,946,263	2,984
Dearborn	55	1,781	1,464,743	206,766	8,119,488	12,190,137	4,070,649	4,796
Decatur	56	242	215,267	17,383	1,130,236	1,562,514	432,278	1,897
Delaware	160	7,822	8,457,739	1,332,492	25,129,685	42,407,441	17,277,756	21,058
Dubois	86	840	650,492	64,885	2,564,123	3,942,900	1,378,777	3,297
Elkhart	266	8,021	8,086,234	698,915	22,744,858	39,567,884	16,823,026	15,662
Fayette	48	2,530	2,270,996	401,967	10,308,543	15,836,923	5,528,380	6,466
Floyd	119	2,742	2,513,558	390,897	8,289,504	14,795,056	6,505,552	9,312
Fountain	57	423	422,879	88,450	841,472	1,701,511	860,039	2,163
Franklin	61	238	193,101	46,764	673,091	1,134,326	461,235	2,626
Fulton	67	271	274,789	35,533	1,645,610	2,437,294	791,684	1,105
Gibson	66	1,092	1,455,840	37,592	2,404,259	4,267,044	1,862,785	2,036
Grant	149	6,437	5,754,877	1,248,652	17,947,252	30,504,254	12,557,002	11,982
Greene	56	413	376,020	30,637	2,560,100	3,476,611	916,511	1,404
Hamilton	61	840	705,204	69,455	5,999,549	7,392,668	1,393,119	4,462
Hancock	39	626	511,622	63,330	949,648	2,030,268	1,080,620	1,693
Harrison	47	415	285,474	22,391	1,029,602	1,617,497	587,895	1,759
Hendricks	40	86	71,850	9,266	399,677	629,623	229,946	1,076
Henry	80	4,471	4,519,640	300,905	10,121,403	17,042,739	6,921,336	8,692
Howard	120	7,046	8,696,557	1,463,216	22,143,023	39,952,297	17,809,274	34,310
Huntington	92	2,484	3,014,212	309,265	5,271,886	11,396,596	6,124,710	5,906
Jackson	69	1,243	944,306	188,082	6,440,209	8,755,031	2,314,822	4,561
Jasper	19	92	80,617	3,271	194,453	375,792	181,339	350
Jay	63	1,627	1,361,607	174,851	3,148,150	5,774,114	2,625,964	3,257
Jefferson	62	688	425,590	71,926	2,219,680	3,397,167	1,177,487	2,844
Jennings	33	449	353,790	39,535	1,132,705	2,515,363	1,382,658	1,085
Johnson	52	886	703,726	426,103	6,829,104	9,455,967	2,626,863	2,870
Knox	148	1,419	1,362,945	258,715	5,263,530	8,863,236	3,599,706	5,879
Kosciusko	96	821	590,739	60,144	1,566,744	2,942,682	1,375,938	1,752
La Porte	114	7,051	8,812,748	3,135,785	37,848,018	58,348,551	20,500,533	12,890
Lagrange	21	137	156,969	15,104	886,478	1,417,223	530,745	1,930
Lake	358	41,233	72,997,978	37,466,882	341,333,413	520,361,658	179,028,245	464,639
Lawrence	55	2,589	2,533,689	161,114	5,200,656	10,164,940	4,964,284	10,986
Madison	193	11,542	12,454,958	1,798,654	35,916,303	60,485,303	24,569,000	31,413
Marion	1,028	52,142	55,083,475	12,623,376	269,640,962	405,342,137	135,701,175	114,214
Marshall	72	790	780,526	59,826	3,047,537	4,779,385	1,731,848	1,713
Martin	30	370	274,797	24,939	595,579	1,128,728	533,149	972
Miami	76	2,394	2,148,933	141,882	3,517,847	7,096,074	3,578,227	4,109
Monroe	67	1,900	1,633,955	247,291	4,642,900	8,183,888	3,540,988	7,562
Montgomery	100	960	895,022	157,266	3,293,852	5,608,197	2,314,345	3,251
Morgan	48	769	671,950	42,980	1,595,665	3,021,130	1,425,465	3,348
Newton	20	62	53,362	10,102	116,372	316,509	200,137	764
Noble	58	897	742,124	101,129	2,815,844	5,931,297	3,115,453	3,443
Ohio	8	94	80,516	1,565	120,290	244,497	124,207	464
Orange	41	418	267,832	15,835	945,902	1,732,826	786,924	1,575
Owen	30	200	116,565	5,874	404,060	794,907	390,847	803
Parke	38	359	316,916	23,355	493,870	1,096,594	602,724	2,122
Perry	49	1,214	831,739	202,963	2,777,047	4,921,586	2,144,539	3,405
Pike	24	70	42,526	8,680	312,490	463,031	150,541	309
Porter	50	623	496,413	71,526	1,722,391	2,960,266	1,237,875	1,689
Posey	41	440	419,748	82,965	4,630,015	5,726,522	1,096,507	2,259
Pulaski	23	44	29,518	4,965	73,284	157,289	84,005	178
Putnam	44	415	489,622	22,329	1,672,497	2,813,706	1,141,209	5,346
Randolph	74	1,063	819,822	66,244	2,513,789	4,551,654	2,037,865	3,022
Ripley	71	747	607,911	55,772	2,007,636	3,700,390	1,692,754	2,682
Rush	44	694	509,771	95,137	2,066,419	3,425,627	1,359,208	3,147
St. Joseph	277	19,957	23,205,886	3,877,875	53,107,446	103,713,906	50,606,460	40,309
Scott	20	275	135,962	6,967	849,089	1,108,790	259,701	1,875
Shelby	61	1,609	1,305,940	170,663	4,344,204	7,520,687	3,176,483	5,827
Spencer	42	292	186,540	38,473	1,770,224	2,229,494	459,270	1,470
Starke	13	25	20,158	1,610	150,977	204,670	53,693	144
Steuben	49	187	155,971	19,022	1,358,541	1,982,483	623,942	1,107
Sullivan	36	114	100,403	9,335	481,737	758,683	276,946	584
Switzerland	12	20	16,403	1,881	215,438	328,513	113,075	201
Tippecanoe	99	2,665	2,964,200	512,189	7,231,234	13,115,651	5,884,417	6,501
Tipton	42	544	470,926	64,260	976,130	1,959,888	983,758	1,073

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

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.
Union	34	89	$77,647	$10,487	$707,475	$1,002,206	$294,731	572
Vanderburg	316	14,475	13,454,504	2,577,666	45,856,011	75,248,082	29,392,071	27,485
Vermilion	45	734	660,409	39,541	1,333,448	2,449,693	1,116,245	2,577
Vigo	288	9,805	11,076,917	2,032,633	32,572,610	54,698,967	22,126,357	28,763
Wabash	83	2,089	2,016,399	348,729	7,467,189	11,468,142	4,000,953	6,609
Warren	6	9	6,335	495	13,306	30,068	16,762	14
Warrick	35	111	70,319	34,109	678,642	951,751	273,109	764
Washington	30	468	423,782	28,269	1,350,219	2,567,366	1,217,147	980
Wayne	241	5,913	5,837,660	559,823	14,915,050	27,621,997	12,706,947	9,392
Wells	53	985	915,161	139,947	2,029,078	4,265,343	2,236,265	3,000
White	38	295	258,320	18,824	1,557,486	2,082,695	525,209	1,010
Whitley	33	435	328,789	57,610	1,814,187	2,626,980	812,793	1,143

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	7,916	277,580	100.0	$1,898,753	100.0	$723,803	100.0
Iron and steel, steel works and rolling mills	23	22,362	8.1	199,274	10.5	86,079	11.9
Slaughtering and meat packing	57	5,691	2.0	134,029	7.1	12,339	1.7
Automobiles	27	10,544	3.8	107,348	5.7	29,650	4.1
Cars, steam-railroad, not including operations of railroad companies	9	6,650	2.4	86,021	4.5	19,946	2.8
Foundry and machine-shop products	395	18,828	6.8	85,360	4.5	47,333	6.5
Flour-mill and gristmill products	450	2,280	0.8	75,111	4.0	9,371	1.3
Automobile bodies and parts	145	15,229	5.5	71,717	3.8	31,648	4.4
Cars and general shop construction and repairs by steam-railroad companies	77	23,099	8.3	61,232	3.2	36,366	5.0
Furniture	177	13,257	4.8	52,350	2.8	24,867	3.4
Electrical machinery, apparatus, and supplies	47	11,756	4.2	41,594	2.2	20,784	2.9
Agricultural implements	29	5,533	2.0	31,824	1.7	19,209	2.7
Glass	35	9,350	3.4	30,107	1.6	16,952	2.3
Bread and other bakery products	802	3,759	1.4	30,020	1.6	10,544	1.5
Butter	92	1,453	0.5	27,901	1.5	3,853	0.5
Rubber tires, tubes, and rubber goods, not elsewhere specified	15	2,917	1.0	20,884	1.1	8,867	1.2
Printing and publishing, newspapers and periodicals	559	3,511	1.3	19,185	1.0	13,497	1.9
Canning and preserving, fruits and vegetables	136	2,949	1.1	18,899	1.0	7,174	1.0
Lumber and timber products	486	4,173	1.5	17,776	0.9	9,561	1.3
Paper and wood pulp	26	2,214	0.8	15,120	0.8	5,606	0.8
Clothing, men's	37	3,480	1.3	15,000	0.8	5,208	0.7
Engines, steam, gas, and water	16	2,853	1.0	14,473	0.8	6,784	0.9
Structural ironwork, not made in steel works or rolling mills	23	2,015	0.7	14,450	0.8	6,600	0.9
Lumber, planing-mill products, not including planing mills connected with sawmills	222	2,238	0.8	14,102	0.7	5,258	0.7
Cement	5	1,953	0.7	13,363	0.7	7,499	1.0
Gas, illuminating and heating	53	1,902	0.7	12,454	0.7	5,843	0.8
Printing and publishing, book and job	278	3,041	1.1	10,741	0.6	6,520	0.9
Pumps, not including power pumps	11	1,195	0.4	10,166	0.5	7,705	1.1
Tobacco, cigars	252	4,154	1.5	10,066	0.5	5,087	0.7
Brick and tile, terra-cotta, and fire-clay products	151	3,648	1.3	9,881	0.5	6,444	0.9
Knit goods	8	2,675	1.0	9,802	0.5	4,187	0.6
Food preparations, not elsewhere specified	40	539	0.2	9,318	0.5	1,755	0.2
Carriages and wagons, including repairs	79	1,434	0.5	$9,269	0.5	$2,872	0.4
Druggists' preparations	25	1,409	0.5	9,257	0.5	4,615	0.6
Pickles, preserves, and sauces	30	1,221	0.4	8,925	0.5	3,121	0.4
Shirts	14	1,991	0.7	8,906	0.5	2,543	0.4
Chemicals	9	1,026	0.4	8,649	0.5	4,679	0.6
Boxes, paper and other, not elsewhere specified	21	1,562	0.6	8,406	0.4	4,001	0.6
Phonographs and graphophones	13	2,178	0.8	7,977	0.4	3,968	0.5
Stoves and hot-air furnaces	25	1,656	0.6	7,762	0.4	4,580	0.6
Marble and stone work	166	2,004	0.7	7,612	0.4	5,082	0.7
Musical instruments, pianos	8	1,432	0.5	6,978	0.4	3,602	0.5
Iron and steel, forgings, not made in steel works or rolling mills	5	972	0.4	6,359	0.3	3,868	0.5
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	6	1,150	0.4	6,296	0.3	2,864	0.4
Gloves and mittens, cloth, not including gloves made in textile mills	24	1,520	0.5	5,860	0.3	2,186	0.3
Soap	10	540	0.2	5,678	0.3	2,608	0.4
Brass, bronze, and copper products	31	1,271	0.5	5,638	0.3	2,404	0.3
Confectionery, ice cream	151	536	0.2	5,632	0.3	1,690	0.2
Confectionery	84	1,177	0.4	5,563	0.3	2,292	0.3
Stamped and enameled ware, not elsewhere specified	7	1,377	0.5	5,248	0.3	3,273	0.5
Smelting and refining, not from the ore	4	257	0.1	4,899	0.3	1,489	0.2
Leather, tanned, curried, and finished	9	396	0.1	4,730	0.2	1,274	0.2
Fertilizers	13	328	0.1	4,713	0.2	1,980	0.3
Condensed milk	7	205	0.1	4,617	0.2	692	0.1
Copper, tin, and sheet-iron work	172	696	0.3	4,587	0.2	1,885	0.3
Woolen goods	11	948	0.3	4,542	0.2	1,222	0.2
Patent medicines and compounds	83	420	0.2	4,481	0.2	3,098	0.4
Cotton goods	4	997	0.4	4,353	0.2	1,863	0.3
Machine tools	15	1,228	0.4	4,259	0.2	2,885	0.4
Wirework, not elsewhere specified	21	632	0.2	4,209	0.2	1,540	0.2
Ice, manufactured	107	855	0.3	4,089	0.2	2,676	0.4
Liquors, malt	13	759	0.3	3,959	0.2	2,234	0.3
Coffins, burial cases, and undertakers' goods	22	806	0.3	3,948	0.2	1,886	0.3
Tools, not elsewhere specified	26	459	0.2	3,902	0.2	3,184	0.4
Coffee, roasting and grinding	24	187	0.1	3,711	0.2	915	0.1
Carriages and sleds, children's	8	918	0.3	3,650	0.2	1,934	0.3
Carriage and wagon materials	21	782	0.3	3,516	0.2	1,444	0.2
All other industries[1]	1,965	47,003	16.9	427,005	22.5	148,818	20.6

[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: "Bags, other than paper, not including bags made in textile mills"; "boots and shoes, rubber"; "coke, not including gas-house coke"; "glucose and starch"; "iron and steel, blast furnaces"; "petroleum, refining"; "saws"; "sewing-machine cases"; "smelting and refining, lead"; "tin plate and terneplate"; "tinware, not elsewhere specified"; and "wire."

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	330,145	276,294	53,851	83.7	16.3
	1914	233,270	201,481	31,789	86.4	13.6
	1909	218,263	190,684	27,579	87.4	12.6
Proprietors and officials	1919	20,362	19,742	620	97.0	3.0
	1914	14,809	14,380	429	97.1	2.9
	1909	14,520	14,185	335	97.7	2.3
Proprietors and firm members	1919	6,768	6,506	262	96.1	3.9
	1914	7,229	6,941	288	96.0	4.0
	1909	7,674	7,425	249	96.8	3.2
Salaried officers of corporations	1919	4,015	3,848	167	95.8	4.2
	1914	3,072	2,985	87	97.2	2.8
	1909	2,621	2,577	44	98.3	1.7
Superintendents and managers	1919	9,579	9,388	191	98.0	2.0
	1914	4,508	4,454	54	98.8	1.2
	1909	4,225	4,183	42	99.0	1.0
Clerks and other subordinate salaried employees	1919	32,203	20,747	11,456	64.4	35.6
	1914	20,958	15,365	5,593	73.3	26.7
	1909	16,759	12,801	3,958	76.4	23.6
Wage earners (average number)	1919	277,580	235,805	41,775	85.0	15.0
	1914	197,503	171,736	25,767	87.0	13.0
	1909	186,984	163,698	23,286	87.5	12.5
16 years of age and over	1919	273,918	233,578	40,340	85.3	14.7
	1914	195,905	170,767	25,138	87.2	12.8
	1909	183,372	161,117	22,255	87.9	12.1
Under 16 years of age	1919	3,662	2,227	1,435	60.8	39.2
	1914	1,598	969	629	60.6	39.4
	1909	3,612	2,581	1,031	71.5	28.5

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	277,580	84.1	14.5	1.3
	1914	197,503	86.5	12.7	0.8
	1909	186,984	86.2	11.9	1.9
Agricultural implements	1919	5,533	97.1	2.7	0.2
	1914	3,991	97.8	2.2	0.1
Automobile bodies and parts	1919	15,229	93.6	6.1	0.3
	1914	2,817	98.6	1.1	0.2
Automobiles	1919	10,544	93.5	6.1	0.4
	1914	4,402	98.6	1.4	.....
Bread and other bakery products	1919	3,759	73.6	24.7	1.7
	1914	3,188	81.4	17.7	0.9
Brick and tile, terra-cotta, and fire-clay products.	1919	3,648	96.0	3.7	0.2
	1914	4,689	96.8	2.8	0.5
Canning and preserving, fruits and vegetables.	1919	2,949	58.7	39.7	1.6
	1914	3,198	43.9	54.0	2.1
Cars and general shop construction and repairs by steam-railroad companies.	1919	23,099	99.5	0.5	.....
	1914	14,398	99.9	0.1	.....
Cars, steam-railroad, not including operations of railroad companies.	1919	6,650	99.6	0.4	.....
	1914	5,800	99.9	.....	0.1
Clothing, men's	1919	3,480	16.3	80.2	3.5
	1914	2,667	19.1	80.7	0.2
Electrical machinery, apparatus, and supplies.	1919	11,756	69.2	29.9	0.9
	1914	4,075	77.5	22.2	0.3
Engines, steam, gas, and water	1919	2,853	96.5	3.5	.....
	1914	1,311	99.6	0.3	0.1
Flour-mill and gristmill products	1919	2,280	98.3	1.7	.....
	1914	2,281	98.4	1.4	0.2
Foundry and machine-shop products [1]	1919	20,184	92.0	6.0	2.0
	1914	11,860	96.9	3.0	0.1
Furniture	1919	13,257	86.9	11.0	2.1
	1914	10,803	96.8	1.9	1.3
Glass	1919	9,350	82.0	13.2	4.7
	1914	9,390	90.7	7.6	1.7
Iron and steel, steel works and rolling mills	1919	22,362	99.8	0.2	(2)
	1914	11,106	100.0	(2)	(2)
Knit goods	1919	2,675	32.6	60.6	6.8
	1914	2,338	29.4	63.3	7.3
Lumber and timber products	1919	4,173	98.7	1.2	0.2
	1914	4,476	99.8	0.1	0.1
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	2,238	95.8	2.9	1.3
	1914	2,550	98.8	0.7	0.4
Marble and stone work	1919	2,004	99.9	0.1	(2)
	1914	3,389	99.8	0.1	0.1
Paper and wood pulp	1919	2,214	95.8	4.1	0.2
	1914	1,620	93.4	6.5	0.1
Printing and publishing, book and job	1919	3,041	64.8	29.3	6.0
	1914	2,529	67.2	28.6	4.2
Printing and publishing, newspapers and periodicals.	1919	3,511	76.8	22.0	1.3
	1914	3,395	77.8	20.5	1.7
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	2,917	85.4	14.5	0.1
	1914	1,499	92.5	7.4	0.1
Slaughtering and meat packing	1919	5,691	90.5	8.3	1.1
	1914	4,481	93.6	6.0	0.4
Structural ironwork, not made in steel works or rolling mills.	1919	2,015	99.9	0.1	.....
	1914	1,853	99.9	.....	0.1
Tobacco, cigars	1919	4,154	18.4	81.4	0.1
	1914	3,583	37.1	62.7	0.1
All other industries	1919	86,014	77.2	21.0	1.8
	1914	69,814	81.0	17.9	1.1

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

[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.												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
Anderson	7,928	3,906	4,393	6,129	3,333	3,710	1,739	541	581	60	32	102	$38,930,509	$12,780,369	$13,764,933
Bloomington	1,420	1,057	.....	1,182	946	.....	226	100	.....	12	11	.....	6,816,002	2,329,290	.....
Clinton	469	.....	.....	292	.....	.....	177	.....	.....	.....	.....	.....	1,750,794	.....	.....
Crawfordsville	785	680	.....	709	572	.....	70	105	.....	6	3	.....	4,837,222	2,548,529	.....
East Chicago	8,957	7,482	5,067	8,553	7,331	5,052	387	149	8	17	2	7	89,568,753	41,623,788	23,868,801
Elkhart	5,728	2,993	2,942	5,011	2,600	2,548	679	381	344	38	12	50	24,421,494	8,649,200	6,834,750
Elwood	2,167	1,961	2,072	1,798	1,619	1,829	358	330	210	11	12	33	15,644,537	8,186,779	8,378,536
Evansville	12,526	10,333	8,824	8,762	7,763	6,261	3,643	2,451	2,100	121	119	463	70,230,419	31,426,707	22,289,004
Fort Wayne	16,344	11,161	10,298	12,206	8,395	7,494	3,808	2,578	2,353	330	188	451	76,713,262	30,204,634	23,686,809
Frankfort	1,275	.....	.....	970	.....	.....	301	.....	.....	4	.....	.....	6,401,263	.....	.....
Hammond	6,065	4,281	3,841	5,215	3,453	3,306	724	740	496	126	88	39	59,276,319	20,584,408	15,580,250
Huntington	2,165	1,239	1,376	1,710	1,022	1,180	243	198	177	212	19	19	9,977,014	2,790,522	2,227,558
Indianapolis	49,977	30,971	31,736	40,559	25,936	26,118	9,057	4,827	5,051	361	208	567	398,666,553	139,700,016	126,313,479
Jeffersonville	1,017	1,176	766	998	1,162	753	19	14	12	.....	.....	1	6,732,599	3,528,931	1,915,682
Kokomo	6,727	3,289	2,051	6,115	2,952	1,704	593	325	326	19	12	21	38,709,165	10,641,191	5,451,441
La Porte	3,502	1,765	1,674	3,042	1,544	1,232	437	210	411	23	11	31	20,580,890	5,929,339	3,971,624
Lafayette	2,550	1,310	1,225	2,269	1,171	1,024	232	137	183	49	2	18	12,616,169	5,185,788	4,866,663
Logansport	2,338	1,709	2,169	2,123	1,577	1,913	189	127	238	26	5	18	7,746,446	3,671,446	4,201,369
Marion	4,646	2,970	2,229	3,593	2,400	1,936	903	545	233	150	25	60	24,325,085	6,705,183	4,282,116
Michigan City	3,452	4,442	2,885	2,831	3,926	2,680	430	465	199	191	51	6	37,360,551	15,119,937	8,261,209
Mishawaka	5,068	3,332	3,445	3,958	2,746	2,901	1,064	566	458	46	20	86	27,765,010	12,304,174	10,882,846
Muncie	6,559	3,687	3,583	5,779	3,224	3,240	715	436	287	65	27	56	33,175,525	10,779,477	8,441,374
New Albany	1,239	1,458	1,851	1,050	1,257	1,488	164	186	327	25	15	36	6,766,373	3,235,593	3,323,282
New Castle	4,041	1,950	.....	3,594	1,828	.....	419	119	.....	28	3	.....	14,583,738	4,498,192	.....
Peru	1,466	787	619	1,120	640	552	319	128	42	27	19	25	4,704,560	1,529,351	1,097,156
Richmond	4,938	3,662	3,621	4,015	3,140	3,253	824	504	329	99	18	39	22,893,643	10,251,815	10,373,837
South Bend	14,792	12,203	11,789	11,620	10,053	9,803	2,833	2,058	1,510	339	92	386	75,339,165	31,179,978	27,854,527
Terre Haute	6,458	5,270	4,347	5,553	4,290	3,694	860	965	621	45	15	32	41,907,818	25,698,719	21,469,859
Vincennes	1,191	962	1,233	1,038	903	1,163	149	58	62	4	1	8	7,582,072	5,232,941	4,233,574

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	266,959	196,936	*172,475*	90.5	95.6	85.6	July	278,232	199,301	175,838	94.4	96.7	87.3
February	264,261	198,650	177,371	89.6	96.4	88.0	August	285,726	201,206	188,311	96.9	97.7	93.5
March	*261,725*	203,312	181,151	88.8	98.7	89.9	September	**294,892**	**206,040**	198,293	100.0	100.0	98.4
April	262,973	205,317	182,641	89.2	99.6	90.6	October	288,486	195,460	**201,481**	97.8	94.9	100.0
May	267,312	203,442	182,228	90.6	98.7	90.4	November	293,484	180,266	199,937	99.5	87.5	99.2
June	272,593	203,167	183,167	92.4	98.6	90.9	December	294,317	*176,939*	200,915	99.8	85.9	99.7

[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 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	277,580	266,959	264,261	*261,725*	262,973	267,312	272,593	278,232	285,726	**294,892**	288,486	293,484	294,317	88.8
Males	235,805	226,778	224,609	*223,262*	224,779	228,611	233,278	238,233	241,949	247,880	241,579	248,506	**250,196**	89.2
Females	41,775	40,181	39,652	38,463	*38,194*	38,701	39,315	39,999	43,777	**47,012**	46,907	44,978	44,121	81.2
Agricultural implements	5,533	5,650	5,697	5,379	*5,054*	5,214	5,244	5,426	5,519	5,416	5,770	5,909	**6,118**	82.6
Automobile bodies and parts	15,229	12,949	*12,865*	13,784	14,488	15,213	15,908	16,343	16,306	16,294	15,458	**16,587**	16,553	77.6
Automobiles	10,544	8,915	*8,769*	9,283	9,803	10,102	10,201	10,309	10,647	11,002	11,598	12,652	**13,247**	66.2
Bread and other bakery products	3,759	*3,504*	3,514	3,522	3,595	3,668	3,796	3,863	3,901	3,870	3,925	3,961	**3,989**	87.8
Brick and tile, terra-cotta, and fire-clay products	3,648	*2,448*	2,621	2,766	3,367	3,931	4,189	4,192	4,289	**4,495**	4,404	3,774	3,300	54.5
Canning and preserving, fruits and vegetables	2,949	1,373	914	*801*	859	1,046	2,355	2,237	6,063	**9,239**	6,573	2,377	1,551	8.7
Cars and general shop construction and repairs by steam-railroad companies	23,099	22,397	22,251	21,908	*21,821*	22,231	22,368	22,981	23,329	24,029	24,436	24,596	**24,841**	87.8
Cars, steam-railroad, not including operations of railroad companies	6,650	6,701	7,503	7,191	7,343	**7,842**	7,757	7,583	5,519	*5,476*	5,510	5,494	5,881	69.8
Clothing, men's	3,480	*3,209*	3,376	3,294	3,262	3,371	3,409	3,473	3,608	3,610	3,699	3,690	3,759	85.4
Electrical machinery, apparatus, and supplies	11,756	*9,859*	10,177	10,251	10,475	10,943	11,205	12,156	12,771	13,324	13,017	**13,521**	13,313	72.9
Engines, steam, gas, and water	2,853	3,268	3,009	2,997	2,767	2,648	2,711	*2,590*	2,704	2,860	2,937	2,826	2,979	77.4
Flour-mill and gristmill products	2,280	2,263	2,183	2,087	2,170	2,185	*2,084*	2,227	2,336	**2,473**	2,463	2,432	2,457	84.3
Foundry and machine-shop products	18,828	18,837	17,967	*16,612*	17,838	18,084	18,010	18,550	19,311	19,083	19,867	20,051	**21,126**	78.6
Furniture	13,257	*11,872*	12,015	12,311	12,678	13,096	13,256	13,368	13,823	13,803	14,066	14,325	**14,471**	82.0
Glass	9,350	9,908	10,020	9,803	9,454	9,366	9,188	7,884	*7,860*	9,002	10,004	**10,492**	9,219	74.9
Iron and steel, steel works and rolling mills	22,362	26,083	24,363	23,943	21,464	21,195	21,891	23,284	22,022	22,020	*16,689*	21,987	23,403	64.0
Knit goods	2,675	2,684	2,699	2,641	2,651	2,647	2,629	*2,627*	2,663	2,681	2,695	2,730	**2,753**	95.4
Lumber and timber products	4,173	*3,541*	3,656	3,858	3,968	3,958	3,920	3,921	4,096	4,453	4,788	4,922	**4,995**	70.9

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.	
Lumber, planing-mill products, not including planing mills connected with sawmills	2,238	*1,777*	1,880	1,958	2,064	2,158	2,288	2,358	2,397	2,477	2,487	2,522	2,490	70.5
Marble and stone work	2,004	1,090	*1,042*	1,216	1,597	1,837	2,117	2,419	2,651	2,707	2,526	2,389	2,457	38.5
Paper and wood pulp	2,214	2,247	2,100	2,031	*2,008*	2,010	2,232	2,265	2,304	2,373	2,395	2,316	2,287	83.8
Printing and publishing, book and job	3,041	*2,778*	2,911	2,916	2,977	2,957	3,058	3,109	3,145	3,118	3,176	3,176	3,171	87.4
Printing and publishing, newspapers and periodicals	3,511	*3,390*	3,412	3,429	3,450	3,523	3,524	3,521	3,533	3,566	3,599	3,583	3,596	94.4
Rubber tires, tubes, and rubber goods, not elsewhere specified	2,917	*2,626*	3,018	3,129	3,064	2,963	2,715	2,708	2,845	2,922	3,006	3,137	2,871	83.7
Slaughtering and meat packing	5,691	**6,664**	6,072	5,738	5,359	5,634	5,664	5,569	*5,291*	5,396	5,500	5,489	5,916	79.4
Structural ironwork, not made in steel works or rolling mills	2,015	**2,736**	2,610	2,339	1,999	1,959	1,886	1,871	1,995	1,890	*1,338*	1,672	1,885	48.9
Tobacco, cigars	4,154	3,970	4,042	3,976	*3,787*	3,935	3,886	3,881	3,991	4,233	4,477	4,767	**4,903**	77.2
All other industries	87,370	84,214	83,575	*82,562*	83,611	83,596	85,042	87,577	90,807	**93,080**	92,083	91,507	90,786	88.7
Industries showing large proportion of females.														
Bread and other bakery products	940	*856*	860	858	897	908	940	965	994	972	994	1,009	**1,027**	83.3
Canning and preserving, fruits and vegetables	1,197	354	172	185	*161*	217	659	605	2,808	**4,820**	3,207	759	417	3.3
Clothing, men's	2,901	2,777	2,849	2,731	*2,711*	2,790	2,836	2,897	3,000	2,988	3,060	3,058	**3,115**	87.0
Electrical machinery, apparatus, and supplies	3,568	3,283	3,336	*3,281*	3,321	3,431	3,324	3,519	3,803	3,914	3,821	3,992	3,791	82.2
Furniture	1,503	1,449	*1,381*	1,405	1,405	1,521	1,551	1,532	1,534	1,545	1,594	**1,621**	1,498	85.2
Glass	1,301	1,383	1,388	1,387	1,304	1,287	1,281	1,101	*1,068*	1,280	1,380	1,419	1,334	75.3
Knit goods	1,723	1,695	1,747	1,718	1,705	1,701	1,682	*1,679*	1,703	1,727	1,742	1,783	**1,794**	93.6
Printing and publishing, book and job	975	893	942	938	955	950	977	1,015	1,019	980	1,011	1,014	1,006	87.6
Printing and publishing, newspapers and periodicals	773	*750*	736	750	748	779	773	787	789	792	802	798	792	91.0
Rubber tires, tubes, and rubber goods, not elsewhere specified	426	459	511	455	430	421	381	*369*	389	409	423	438	427	72.2
Tobacco, cigars	3,383	3,259	3,270	3,208	*3,110*	3,234	3,154	3,137	3,207	3,417	3,661	3,910	**4,029**	77.2
Total for cities [1]	185,790	177,442	176,804	*174,665*	176,760	180,350	182,441	186,124	189,365	192,785	194,611	198,778	**199,355**	87.6
Males	153,138	145,296	145,189	*144,081*	146,184	149,305	151,511	154,435	156,198	158,413	159,494	163,373	**164,177**	87.8
Females	32,652	32,146	31,615	30,584	*30,576*	31,045	30,930	31,689	33,167	34,372	35,117	**35,405**	35,178	86.4
ANDERSON	7,928	6,901	6,861	*6,706*	7,115	7,446	7,884	8,521	9,181	**9,208**	8,642	8,530	8,141	72.8
Males	6,185	5,320	5,303	*5,213*	5,545	5,710	6,175	6,705	7,105	**7,195**	6,819	6,724	6,406	72.5
Females	1,743	1,581	1,558	*1,493*	1,570	1,736	1,709	1,816	2,076	2,013	1,823	1,806	1,735	71.9
BLOOMINGTON	1,420	*1,209*	1,210	1,250	1,292	1,313	1,356	1,419	1,560	1,583	1,579	1,607	**1,662**	72.7
Males	1,186	964	*963*	1,014	1,055	1,073	1,133	1,186	1,331	1,355	1,353	1,374	**1,431**	67.3
Females	234	245	247	236	237	240	*223*	233	229	228	226	233	231	90.3
CLINTON	469	448	*419*	448	468	467	487	486	503	493	486	477	446	83.3
Males	292	274	*243*	276	289	290	309	305	324	315	308	300	271	75.0
Females	177	174	176	*172*	179	177	178	181	179	178	178	177	175	95.0
CRAWFORDSVILLE	785	765	703	721	*696*	705	775	793	786	942	891	807	836	73.9
Males	714	648	*628*	650	654	664	733	753	745	798	800	746	749	78.5
Females	71	117	75	71	42	41	42	*40*	41	**144**	91	61	87	27.8
EAST CHICAGO	8,957	**9,965**	9,207	9,034	8,684	8,520	*8,345*	8,717	8,708	8,673	8,514	9,559	9,558	83.7
Males	8,570	**9,430**	8,761	8,618	8,293	8,173	*8,014*	8,362	8,345	8,286	8,147	9,207	9,204	85.0
Females	387	**535**	446	416	391	347	*331*	355	363	387	367	352	354	61.9
ELKHART	5,728	5,740	5,722	5,727	5,694	5,737	5,725	5,752	5,705	5,672	5,737	*5,657*	5,868	96.4
Males	5,031	5,108	5,076	5,074	5,025	5,026	5,010	5,019	4,960	*4,938*	5,005	4,966	5,165	95.6
Females	697	*632*	646	653	669	711	715	733	**745**	734	732	691	703	84.8
ELWOOD	2,167	2,304	2,479	2,232	2,037	*1,786*	1,843	2,138	**2,575**	2,508	2,111	2,133	1,858	69.4
Males	1,809	2,005	2,171	1,928	1,743	*1,483*	1,578	1,858	2,074	1,922	1,540	1,843	1,563	68.3
Females	358	299	308	304	294	303	265	*280*	501	**586**	571	290	295	47.8
EVANSVILLE	12,526	11,976	12,236	11,962	*11,915*	12,122	12,124	12,337	12,702	13,251	13,196	13,305	13,186	89.6
Males	8,824	*8,270*	8,515	8,331	8,419	8,622	8,647	8,828	9,174	**9,402**	9,295	9,261	9,124	88.0
Females	3,702	3,706	3,721	3,631	3,496	3,500	*3,477*	3,509	3,528	3,849	3,901	4,044	**4,062**	85.6
FORT WAYNE	16,344	*15,168*	15,412	15,382	15,519	15,728	15,197	15,952	16,419	17,001	17,665	17,992	**18,608**	81.5
Males	12,354	*11,360*	11,532	11,512	11,740	11,958	11,469	12,136	12,514	13,007	13,428	13,512	**14,080**	80.7
Females	3,990	3,803	3,880	3,870	3,779	3,770	*3,728*	3,816	3,905	4,084	4,237	4,480	**4,528**	82.3
FRANKFORT	1,275	*1,128*	1,146	1,162	1,155	1,174	1,194	1,277	1,346	1,262	1,397	1,477	**1,582**	71.3
Males	974	*852*	873	903	890	912	931	1,023	1,070	976	1,052	1,076	**1,130**	75.4
Females	301	276	273	259	265	262	263	*254*	276	286	345	401	**452**	56.2
HAMMOND	6,065	**6,750**	6,577	6,484	6,573	6,361	6,356	6,423	*4,479*	4,669	5,168	6,413	6,527	66.4
Males	5,268	**5,958**	5,826	5,746	5,802	5,623	5,561	5,593	*3,653*	3,873	4,333	5,535	5,713	61.3
Females	797	792	751	738	771	*738*	795	830	826	796	835	878	814	84.1
HUNTINGTON	2,165	2,384	2,314	2,323	2,183	2,036	*1,888*	2,000	2,045	2,106	2,227	2,213	2,261	79.2
Males	1,906	**2,070**	2,036	2,050	1,932	1,833	*1,745*	1,764	1,800	1,852	1,934	1,899	1,957	84.3
Females	259	314	278	273	251	203	*143*	236	245	254	293	314	304	45.5
INDIANAPOLIS	49,977	47,569	46,408	*45,289*	46,850	47,684	48,882	49,432	51,135	52,544	53,618	54,994	55,319	81.9
Males	40,763	38,334	37,381	*36,834*	38,273	38,961	40,144	40,598	41,895	43,065	43,613	44,740	45,318	81.3
Females	9,214	9,235	9,027	*8,455*	8,577	8,723	8,738	8,834	9,240	9,479	10,005	10,254	10,001	82.5
JEFFERSONVILLE	1,017	972	973	969	1,125	1,284	1,287	**1,490**	1,258	894	*597*	668	687	40.1
Males	998	946	951	948	1,107	1,266	1,263	1,458	1,237	882	*586*	657	675	40.2
Females	19	26	22	21	18	18	24	32	21	12	*11*	*11*	12	34.4
KOKOMO	6,727	*6,039*	6,084	6,356	6,544	6,657	6,583	6,606	6,868	7,152	7,351	**7,490**	6,994	80.6
Males	6,127	*5,485*	5,540	5,811	5,960	6,069	6,036	6,079	6,281	6,481	6,666	**6,813**	6,303	80.5
Females	600	554	544	545	584	588	547	*527*	587	671	685	677	691	76.3
LAFAYETTE	2,550	*2,351*	2,408	2,337	2,378	2,390	2,454	2,565	2,633	2,693	2,773	2,760	**2,858**	82.3
Males	2,283	*2,077*	2,153	2,090	2,132	2,137	2,206	2,311	2,373	2,440	2,483	2,446	**2,548**	81.5
Females	267	274	255	247	*246*	253	248	254	260	253	290	314	310	78.3
LA PORTE	3,502	*3,250*	3,440	3,502	3,471	3,492	3,512	3,544	3,562	3,452	3,491	3,626	**3,682**	88.3
Males	3,060	*2,802*	2,992	3,050	3,049	3,059	3,070	3,090	3,115	3,028	3,046	3,186	**3,233**	86.7
Females	442	448	448	452	*422*	433	442	**454**	447	424	445	440	449	93.0

[1] Excludes Gary and Whiting, to avoid disclosure of individual operations.

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

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.	
LOGANSPORT	2,338	2,089	2,077	*1,957*	1,970	2,086	2,221	2,348	2,441	2,519	2,706	2,709	2,933	66.7
Males	2,132	1,915	1,908	*1,787*	1,807	1,920	2,044	2,172	2,264	2,296	2,440	2,427	2,604	68.6
Females	206	174	169	170	*163*	166	177	176	177	223	266	282	329	49.5
MARION	4,646	4,417	4,572	4,617	4,605	4,512	4,497	*4,109*	4,396	4,768	4,986	5,154	5,119	79.7
Males	3,666	3,458	3,582	3,652	3,651	3,580	3,580	*3,240*	3,392	3,711	3,959	4,115	4,072	78.7
Females	980	959	990	965	954	932	917	*869*	1,004	1,057	1,027	1,039	1,047	82.2
MICHIGAN CITY	3,452	2,886	3,731	3,263	3,429	3,929	3,761	3,486	3,588	3,800	3,927	*2,755*	2,869	70.1
Males	2,889	2,241	3,111	2,731	2,879	3,360	3,231	2,938	3,058	3,279	3,362	*2,179*	2,299	64.8
Females	563	645	620	532	550	569	530	548	530	*521*	565	576	570	80.8
MISHAWAKA	5,068	*4,865*	4,959	5,066	5,100	5,093	5,039	4,908	5,056	4,967	5,142	5,239	5,382	90.4
Males	3,978	3,827	3,865	3,959	3,965	3,969	3,922	*3,819*	3,991	3,923	4,054	4,156	4,286	89.1
Females	1,090	*1,038*	1,094	1,107	1,135	1,124	1,117	1,089	1,065	1,044	1,088	1,083	1,096	91.5
MUNCIE	6,559	6,573	6,511	*6,435*	6,543	6,716	6,746	6,904	6,860	7,169	6,299	6,378	5,574	89.8
Males	5,820	5,767	5,768	5,722	5,873	6,062	6,073	6,221	6,057	6,307	5,466	5,618	*4,906*	77.8
Females	739	806	743	713	670	*654*	673	683	803	862	833	760	668	75.9
NEW ALBANY	1,239	*997*	1,080	1,094	1,115	1,185	1,249	1,300	1,309	1,345	1,368	1,400	1,426	69.9
Males	1,065	*864*	932	930	944	1,006	1,069	1,120	1,142	1,165	1,180	1,204	1,224	70.6
Females	174	*133*	148	164	171	179	180	180	167	180	188	196	202	65.8
NEW CASTLE	4,041	3,284	*3,076*	3,421	3,445	3,755	4,102	4,438	4,549	4,449	4,704	4,712	4,557	65.3
Males	3,619	2,851	*2,723*	3,098	3,096	3,346	3,691	3,986	4,081	3,967	4,239	4,255	4,095	64.0
Females	422	433	353	*323*	349	409	411	452	468	482	465	457	462	67.0
PERU	1,466	1,346	1,305	1,313	1,425	1,491	1,683	1,559	1,513	1,590	1,442	1,445	1,480	77.5
Males	1,132	1,021	*979*	989	1,101	1,162	1,340	1,222	1,175	1,213	1,110	1,118	1,154	73.1
Females	334	325	326	*324*	*324*	329	343	337	338	377	332	327	326	85.9
RICHMOND	4,938	4,572	*4,523*	4,588	4,720	4,821	5,021	5,146	5,248	4,972	5,164	5,163	5,318	85.1
Males	4,076	3,770	*3,716*	3,817	3,897	3,990	4,167	4,256	4,346	4,080	4,254	4,235	4,384	84.8
Females	862	802	807	*771*	823	831	854	890	902	892	910	928	934	82.5
SOUTH BEND	14,792	14,096	14,322	14,191	*13,984*	14,384	14,349	14,678	14,864	14,882	15,118	16,110	16,526	84.6
Males	11,797	11,203	11,472	11,359	*11,190*	11,530	11,475	11,620	11,769	11,751	11,937	12,948	13,309	84.1
Females	2,995	2,893	2,850	2,832	*2,794*	2,854	2,873	3,058	3,095	3,131	3,181	3,162	3,217	86.9
TERRE HAUTE	6,458	6,349	6,007	6,078	*5,931*	6,201	6,648	6,827	6,839	6,838	6,692	6,395	6,691	86.9
Males	5,581	5,492	5,213	5,306	*5,163*	5,464	5,833	5,974	5,896	5,849	5,649	5,412	5,721	86.4
Females	877	857	794	772	768	*737*	815	853	943	989	1,043	983	970	70.7
VINCENNES	1,191	1,054	1,042	*758*	794	1,275	1,233	969	1,237	1,293	1,620	1,610	1,407	46.8
Males	1,039	984	976	683	*710*	1,057	1,061	799	1,031	1,057	1,436	1,421	1,253	49.4
Females	152	70	*66*	75	84	218	172	170	206	236	184	189	154	28.0

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	277,580	14,998	7,779	67,788	49,638	23,546	69,166	28,961	15,704
	1914	197,503	(2)	(2)	29,358	23,549	29,299	50,232	55,021	10,044
	1909	186,984	(2)	(2)	13,609	10,974	23,552	48,040	76,343	14,466
Agricultural implements	1919	5,533	.....	.....	163	2,990	162	2,046	172	.....
	1914	3,991	(2)	(2)	2,898	407	332	.....	354	.....
Automobile bodies and parts	1919	15,229	4	.....	4,017	2,399	136	8,604	69	.....
	1914	2,817	(2)	(2)	53	69	46	1,765	884	.....
Automobiles	1919	10,544	20	481	3,592	2,968	1,591	1,741	151	.....
	1914	4,402	(2)	(2)	259	1,105	149	1,674	1,215	.....
Bread and other bakery products	1919	3,759	53	234	675	514	913	498	749	123
	1914	3,188	(2)	(2)	294	37	990	115	1,567	185
Brick and tile, terra-cotta, and fire-clay products	1919	3,648	58	.....	586	570	1,518	161	755	.....
	1914	4,689	(2)	(2)	159	284	494	470	3,172	110
Canning and preserving, fruits and vegetables	1919	2,949	80	11	321	793	422	260	998	64
	1914	3,198	(2)	(2)	262	188	302	924	1,202	320
Cars and general shop construction and repairs by steam-railroad companies.	1919	23,099	.....	155	19,470	242	156	3,076	.....	.....
	1914	14,398	(2)	(2)	6,806	2,388	3,903	815	11	475
Cars, steam-railroad, not including operations of railroad companies.	1919	6,650	417	311	2,427	1,088	.....	2,407	.....	.....
	1914	5,800	(2)	(2)	.....	1,591	95	818	3,296	.....
Clothing, men's	1919	3,480	2,257	.....	343	743	57	.....	.....	80
	1914	2,667	(2)	(2)	909	346	1,228	8	176	.....
Electrical machinery, apparatus, and supplies	1919	11,756	133	870	7,666	1,888	172	995	32	.....
	1914	4,075	(2)	(2)	1,025	117	6	2,854	73	.....
Engines, steam, gas, and water	1919	2,853	1,170	.....	.....	308	8	1,335	32	.....
	1914	1,311	(2)	(2)	69	207	210	608	217	.....
Flour-mill and gristmill products	1919	2,280	23	2	624	10	157	100	1,066	298
	1914	2,281	(2)	(2)	80	15	52	36	1,440	658

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

[2] Corresponding figures not available.

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.
Foundry and machine-shop products [3]	1919	20,184	1,120	295	1,752	7,660	2,347	6,048	962	.....
	1914	11,860	(2)	(2)	527	1,200	3,237	4,019	2,870	7
Furniture	1919	13,257	5	246	399	1,882	3,141	6,292	1,292	.....
	1914	10,803	(2)	(2)	778	961	1,936	2,872	4,256	.....
Glass	1919	9,350	1,725	386	2,985	1,804	629	.....	1,821	.....
	1914	9,390	(2)	(2)	590	3,361	2,290	1,241	1,908	.....
Iron and steel, steel works and rolling mills	1919	22,362	4,055	.....	4,685	641	161	1,234	3,141	8,445
	1914	11,106	(2)	(2)	2,900	151	1,962	1,584	4,509	.....
Knit goods	1919	2,675	.....	.....	.....	2,179	495	1	.....	.....
	1914	2,338	(2)	(2)	.....	10	.....	2,328	.....	.....
Lumber and timber products	1919	4,173	106	19	63	132	360	1,077	2,416	.....
	1914	4,476	(2)	(2)	141	215	680	510	2,930	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	2,238	68	27	119	419	274	922	409	.....
	1914	2,550	(2)	(2)	217	303	597	613	820	.....
Marble and stone work	1919	2,004	443	.....	82	594	291	313	281	.....
	1914	3,389	(2)	(2)	206	151	486	975	1,561	10
Paper and wood pulp	1919	2,214	.....	58	615	.....	153	94	387	907
	1914	1,620	(2)	(2)	128	.....	.....	.....	658	834
Printing and publishing, book and job	1919	3,041	122	69	1,786	888	94	77	5	.....
	1914	2,529	(2)	(2)	1,570	629	249	34	47	.....
Printing and publishing, newspapers and periodicals	1919	3,511	78	81	2,217	179	486	368	101	1
	1914	3,395	(2)	(2)	1,752	214	744	499	186	.....
Rubber tires, tubes, and rubber goods, not elsewhere specified	1919	2,917	25	.....	57	85	.....	2,663	87	.....
	1914	1,499	(2)	(2)	.....	597	39	448	415	.....
Slaughtering and meat packing	1919	5,691	5	671	4,062	44	311	133	382	83
	1914	4,481	(2)	(2)	37	14	137	373	3,877	43
Structural ironwork, not made in steel works or rolling mills	1919	2,015	4	.....	58	165	1,422	218	148	.....
	1914	1,853	(2)	(2)	44	164	213	1,094	338	.....
Tobacco, cigars	1919	4,154	466	266	966	765	39	1,571	81	.....
	1914	3,583	(2)	(2)	1,377	1,689	139	261	116	1
All other industries	1919	86,014	2,561	3,597	8,058	17,688	8,051	26,932	13,424	5,703
	1914	69,814	(2)	(2)	6,277	7,136	8,783	23,294	16,923	7,401
Total for cities [4]	1919	185,790	8,680	6,843	49,448	42,436	14,330	45,510	14,069	4,474
	1914	126,036	(2)	(2)	22,491	17,698	16,352	38,380	27,419	3,696
ANDERSON	1919	7,928	7	13	3,760	1,231	169	2,453	253	42
	1914	3,906	(2)	(2)	1,236	105	156	1,577	779	53
BLOOMINGTON	1919	1,420	12	81	44	1,044	23	125	81	10
	1914	1,057	(2)	(2)	4	41	103	214	691	4
CLINTON	1919	469	178	.....	192	10	61	.....	4	24
CRAWFORDSVILLE	1919	785	3	6	104	97	97	6	414	58
	1914	680	(2)	(2)	42	.....	120	5	475	38
EAST CHICAGO	1919	8,957	792	176	870	2,411	9	526	2,055	2,118
	1914	7,482	(2)	(2)	2,614	307	593	1,047	1,683	1,238
ELKHART	1919	5,728	176	.....	2,356	998	838	1,194	92	74
	1914	2,993	(2)	(2)	889	473	272	739	527	93
ELWOOD	1919	2,167	880	3	365	351	40	398	124	6
	1914	1,961	(2)	(2)	144	5	1,026	382	400	4
EVANSVILLE	1919	12,526	358	282	2,604	1,816	2,921	3,893	501	151
	1914	10,333	(2)	(2)	1,376	2,196	2,075	2,425	2,140	121
FORT WAYNE	1919	16,344	859	1,260	7,377	4,285	882	1,094	347	240
	1914	11,161	(2)	(2)	3,086	513	1,598	5,285	614	65
FRANKFORT	1919	1,275	.....	.....	457	230	1	441	105	41
HAMMOND	1919	6,065	636	15	545	1,043	583	3,022	124	97
	1914	4,281	(2)	(2)	237	1,992	454	644	861	93
HUNTINGTON	1919	2,165	.....	.....	948	383	469	209	79	17
	1914	1,239	(2)	(2)	90	10	447	317	334	41
INDIANAPOLIS	1919	49,977	3,702	2,033	12,959	14,720	2,328	12,209	1,513	513
	1914	30,971	(2)	(2)	5,930	6,152	3,612	8,709	5,585	983
JEFFERSONVILLE	1919	1,017	.....	.....	49	91	10	813	17	37
	1914	1,176	(2)	(2)	10	36	200	824	102	4
KOKOMO	1919	6,727	5	1,081	1,580	653	1,505	647	1,244	12
	1914	3,289	(2)	(2)	199	325	388	416	1,939	22
LA PORTE	1919	3,502	36	.....	45	648	172	2,525	76	.....
	1914	1,765	(2)	(2)	564	248	171	425	355	2
LAFAYETTE	1919	2,550	29	257	1,159	487	155	232	159	72
	1914	1,310	(2)	(2)	395	29	116	424	299	47
LOGANSPORT	1919	2,338	11	84	1,779	167	67	79	131	20
	1914	1,709	(2)	(2)	987	205	184	36	267	30

[1] Includes 48 and under for 1914.
[2] Corresponding figures not available.
[3] Includes "iron and steel, tempering and welding," and "machine tools."
[4] Excludes Gary and Whiting, 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—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.
MARION	1919	4,646	123	.....	944	984	488	1,352	642	113
	1914	2,970	(2)	(2)	77	497	126	1,455	736	79
MICHIGAN CITY	1919	3,452	2	2	2,160	650	68	517	14	39
	1914	4,442	(2)	(2)	148	.....	806	225	3,188	75
MISHAWAKA	1919	5,068	3	.....	37	1,541	80	517	2,890	.....
	1914	3,332	(2)	(2)	52	90	755	2,084	345	6
MUNCIE	1919	6,559	.....	131	764	1,005	205	2,310	2,028	116
	1914	3,687	(2)	(2)	146	220	269	353	2,632	67
NEW ALBANY	1919	1,239	9	3	60	91	193	744	84	55
	1914	1,458	(2)	(2)	471	2	260	406	285	34
NEW CASTLE	1919	4,041	8	.....	46	75	23	3,783	95	11
	1914	1,950	(2)	(2)	33	49	15	1,676	160	8
PERU	1919	1,466	.....	7	60	574	210	532	19	64
	1914	787	(2)	(2)	122	110	49	438	44	24
RICHMOND	1919	4,938	29	254	785	1,402	1,075	1,094	283	16
	1914	3,662	(2)	(2)	899	684	140	638	1,279	22
SOUTH BEND	1919	14,792	764	1,094	4,113	3,892	615	4,030	102	182
	1914	12,203	(2)	(2)	2,357	2,075	599	6,602	471	99
TERRE HAUTE	1919	6,458	44	3	3,107	1,338	770	547	344	305
	1914	5,270	(2)	(2)	325	1,290	1,716	863	758	318
VINCENNES	1919	1,191	14	58	179	219	273	158	249	41
	1914	962	(2)	(2)	58	44	102	171	461	126

[1] Includes 48 and under for 1914.

[2] Corresponding figures not available.

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	7,916	277,580	858	4,115	8,745	1,381	15,438	653	21,353	378	27,240	331	51,531	110	38,386	51	36,666	39	78,221
Agricultural implements	29	5,533	1	7	17	6	71	5	144	3	200	3	496	2	719	.....	.....	2	3,886
Automobile bodies and parts	145	15,229	10	53	100	29	367	16	547	10	730	15	2,488	7	2,335	3	2,182	2	6,480
Automobiles	27	10,544	.....	2	4	3	48	2	81	3	203	3	529	10	3,809	2	1,245	2	4,535
Bread and other bakery products	802	3,759	103	580	1,147	98	985	11	285	5	352	4	680	1	310	.....	.....	.....	.....
Brick and tile, terra-cotta, and fire-clay products	151	3,648	1	68	188	33	380	27	959	14	910	7	945	1	266	.....	.....	.....	.....
Canning and preserving, fruits and vegetables	136	2,949	1	31	112	71	887	24	708	6	443	2	342	1	457	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	77	23,099	.....	2	5	8	118	12	412	13	925	19	2,878	8	2,711	8	5,667	7	10,383
Cars, steam-railroad, not including operations of railroad companies	9	6,650	.....	.....	.....	.....	.....	1	45	1	97	.....	.....	3	1,102	2	1,713	2	3,093
Clothing, men's	37	3,480	.....	3	12	10	128	6	204	9	571	6	927	2	721	1	917	.....	.....
Electrical machinery, apparatus, and supplies	47	11,756	.....	10	26	13	163	5	198	6	471	6	981	2	669	2	1,287	3	7,961
Engines, steam, gas, and water	16	2,853	.....	2	6	5	75	.....	.....	4	301	2	376	1	321	1	604	1	1,170
Flour-mill and gristmill products	450	2,280	57	329	681	43	403	13	368	5	393	3	435	.....	.....	.....	.....	.....	.....
Foundry and machine-shop products	395	18,828	32	131	295	95	1,118	58	1,974	34	2,578	29	4,506	9	2,845	5	3,254	2	2,258
Furniture	177	13,257	4	24	70	17	224	41	1,462	58	4,207	26	3,951	5	1,811	2	1,532	.....	.....
Glass	35	9,350	.....	.....	.....	3	39	.....	.....	3	198	16	2,981	9	2,791	3	2,070	1	1,271
Iron and steel, steel works and rolling mills	23	22,362	.....	.....	.....	.....	.....	.....	.....	1	83	7	1,137	3	1,255	7	5,093	5	14,794
Knit goods	8	2,675	.....	1	1	.....	.....	2	94	1	55	1	220	2	793	.....	.....	1	1,512
Lumber and timber products	486	4,173	6	309	588	119	1,358	41	1,275	8	519	3	433	.....	.....	.....	.....	.....	.....
Lumber, planing-mill products, not including planing mills connected with sawmills	222	2,238	12	131	296	53	605	19	540	3	184	4	613	.....	.....	.....	.....	.....	.....
Marble and stone work	166	2,004	29	92	186	24	247	14	459	2	120	4	730	1	262	.....	.....	.....	.....
Paper and wood pulp	26	2,214	.....	.....	.....	2	30	9	325	6	482	9	1,377	.....	.....	.....	.....	.....	.....
Printing and publishing, book and job	278	3,041	60	135	327	57	675	16	516	7	523	2	274	.....	.....	1	726	.....	.....
Printing and publishing, newspapers and periodicals	559	3,511	117	312	716	88	863	34	1,155	6	372	2	405	.....	.....	.....	.....	.....	.....
Rubber tires, tubes, and rubber goods, not elsewhere specified	15	2,917	.....	1	2	1	17	2	66	7	534	1	176	2	871	.....	.....	1	1,251
Slaughtering and meat packing	57	5,691	1	21	65	16	179	8	267	3	225	6	946	.....	.....	1	660	1	3,349
Structural ironwork, not made in steel works or rolling mills	23	2,015	.....	6	14	5	47	4	122	5	362	2	285	.....	.....	.....	.....	1	1,185
Tobacco, cigars	252	4,154	86	109	235	37	386	9	323	3	192	5	804	2	645	.....	.....	1	1,569
All other industries	3,268	87,370	338	1,756	3,652	545	6,025	274	8,824	152	11,010	144	21,616	39	13,603	13	9,716	7	12,924

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

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.
Total for cities[1]	3,678	185,790	370	1,544	3,701	788	8,925	385	12,459	237	17,093	210	33,056	75	26,491	41	29,671	28	54,394
ANDERSON	99	7,928	4	42	111	19	183	16	527	8	670	3	371	4	1,416	2	1,211	1	3,439
BLOOMINGTON	39	1,420	6	17	49	9	86	3	103	2	150	1	114	.....	.....	1	918	.....	.....
CLINTON	26	469	6	9	20	6	59	3	108	.....	.....	2	282	.....	.....	.....	.....	.....	.....
CRAWFORDSVILLE	55	785	13	22	54	11	123	5	151	3	192	.....	.....	1	265	.....	.....	.....	.....
EAST CHICAGO	61	8,957	5	17	25	10	140	3	90	6	486	9	1,322	4	1,350	7	5,544	.....	.....
ELKHART	120	5,728	19	49	113	15	184	18	568	8	568	3	497	6	2,106	2	1,692	.....	.....
ELWOOD	32	2,167	.....	15	39	6	60	2	61	1	58	5	666	2	610	1	673	.....	.....
EVANSVILLE	299	12,526	21	117	251	60	686	35	1,099	32	2,470	28	4,220	3	1,088	2	1,143	1	1,569
FORT WAYNE	247	16,344	11	107	293	63	646	29	960	14	949	15	2,781	.....	.....	5	3,231	3	7,484
FRANKFORT	34	1,275	.....	13	21	12	123	4	129	1	93	3	516	1	393	.....	.....	.....	.....
HAMMOND	94	6,065	10	40	89	16	186	8	294	7	506	8	1,419	3	1,205	1	726	1	1,640
HUNTINGTON	57	2,165	3	26	60	16	184	5	146	3	296	3	629	.....	.....	1	850	.....	.....
INDIANAPOLIS	1,004	49,977	126	361	883	238	2,730	118	3,797	59	4,120	59	9,197	26	8,900	8	5,563	9	14,787
JEFFERSONVILLE	29	1,017	3	15	28	7	88	2	60	1	74	.....	.....	.....	.....	1	767	.....	.....
KOKOMO	98	6,727	5	51	104	24	318	4	118	1	94	6	1,078	3	1,262	2	1,376	2	2,377
LA PORTE	52	3,502	5	17	42	11	146	8	254	4	263	5	822	1	323	.....	.....	1	1,652
LAFAYETTE	85	2,550	7	33	68	28	338	7	226	5	406	4	764	.....	.....	1	748	.....	.....
LOGANSPORT	67	2,338	6	29	65	20	249	7	224	3	168	.....	.....	1	303	.....	.....	1	1,329
MARION	101	4,646	8	38	106	17	172	12	369	12	872	10	1,625	3	860	1	642	.....	.....
MICHIGAN CITY	47	3,452	7	17	32	11	143	3	85	6	441	1	249	1	449	.....	.....	1	2,053
MISHAWAKA	32	5,068	5	14	27	4	43	4	130	1	56	.....	.....	2	790	.....	.....	2	4,022
MUNCIE	121	6,559	10	53	138	20	212	14	483	10	719	9	1,247	2	829	2	1,660	1	1,271
NEW ALBANY	93	1,239	13	56	150	10	93	7	243	3	184	4	569	.....	.....	.....	.....	.....	.....
NEW CASTLE	33	4,041	2	13	36	9	112	4	164	2	127	1	208	.....	.....	1	617	1	2,777
PERU	40	1,466	.....	19	62	9	95	1	40	6	440	4	556	1	273	.....	.....	.....	.....
RICHMOND	144	4,938	20	69	144	22	256	11	361	10	711	7	964	3	1,055	2	1,447	.....	.....
SOUTH BEND	214	14,792	19	91	253	51	596	23	709	12	788	8	1,065	6	2,272	1	863	3	8,246
TERRE HAUTE	257	6,458	31	134	298	45	493	24	800	9	672	11	1,705	2	742	.....	.....	1	1,748
VINCENNES	98	1,191	5	60	140	19	181	5	160	8	520	1	190	.....	.....	.....	.....	.....	.....

[1] Excludes Gary and Whiting, 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	7,916	8,022	7,969	277,580	197,503	186,984	$1,898,753,387	$730,795,021	$579,075,046	$723,802,819	$306,037,864	$244,700,293
Less than $5,000	1,964	3,014	3,086	1,520	3,601	4,335	5,008,992	7,231,163	7,339,368	3,077,614	4,458,865	4,513,557
$5,000 to $20,000	2,346	2,413	2,400	6,419	10,621	11,806	25,007,804	24,825,063	24,495,478	13,137,506	13,287,058	13,033,825
$20,000 to $100,000	1,963	1,610	1,627	20,425	29,001	30,944	91,904,578	73,426,068	73,582,168	41,922,190	33,760,667	33,797,243
$100,000 to $500,000	1,086	769	764	53,434	83,473	83,346	245,150,178	165,860,014	200,978,938	111,847,257	102,624,022	92,184,974
$500,000 to $1,000,000	255	93		34,373			174,838,472	63,605,460		77,126,780		
$1,000,000 and over	302	123	92	161,409	70,807	56,553	1,356,843,363	395,840,653	272,679,094	476,691,472	152,807,252	101,170,694
	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	37.6	38.7	0.5	1.8	2.3	0.3	1.0	1.3	0.4	1.5	1.8
$5,000 to $20,000	29.6	30.1	30.1	2.3	5.4	6.3	1.3	3.4	4.2	1.8	4.3	5.3
$20,000 to $100,000	24.8	20.1	20.4	7.4	14.7	16.5	4.8	10.0	12.7	5.8	11.0	13.8
$100,000 to $500,000	13.7	9.6	9.6	19.2	42.3	44.6	12.9	22.7	34.7	15.5	33.4	37.7
$500,000 to $1,000,000	3.2	1.2		12.4			9.2	8.7		10.7		
$1,000,000 and over	3.8	1.5	1.2	58.1	35.9	30.2	71.5	54.2	47.1	65.9	49.8	41.3

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
AGRICULTURAL IMPLEMENTS	29	33	100.0	100.0	5,533	3,991	100.0	100.0	$31,823,733	$12,791,461	100.0	100.0	$19,208,811	$9,304,796	100.0	100.0
Less than $5,000	4	7	13.8	21.2	5	8	0.1	0.2	11,066	19,617	(1)	0.2	6,389	11,679	(1)	0.1
$5,000 to $20,000	5	3	17.2	9.1	36	20	0.7	0.5	70,213	24,820	0.2	0.2	43,543	15,641	0.2	0.2
$20,000 to $100,000	6	10	20.7	30.3	73	154	1.3	3.9	288,666	384,814	0.9	3.0	128,205	206,177	0.7	2.2
$100,000 to $500,000	7	[2] 10	24.1	30.3	319	[2] 1,148	5.8	28.8	1,814,727	[2] 3,296,225	5.7	25.8	1,018,944	[2] 2,146,068	5.3	23.1
$500,000 to $1,000,000	3	.....	10.3	.....	495	.....	8.9	.....	1,956,472	.....	6.1	.....	1,183,757	.....	6.2	.....
$1,000,000 and over	4	3	13.8	9.1	4,605	2,661	83.2	66.7	27,682,589	9,065,985	87.0	70.9	16,827,973	6,925,231	87.6	74.4
AUTOMOBILE BODIES AND PARTS	145	48	100.0	100.0	15,229	2,817	100.0	100.0	71,717,249	5,750,588	100.0	100.0	31,648,047	3,304,474	100.0	100.0
Less than $5,000	23	9	15.9	18.8	10	19	0.1	0.7	51,918	19,435	0.1	0.3	35,859	9,047	0.1	0.3
$5,000 to $20,000	37	13	25.5	27.1	97	65	0.6	2.3	372,120	142,507	0.5	2.5	198,486	88,858	0.6	2.7
$20,000 to $100,000	35	13	24.1	27.1	515	363	3.4	12.9	1,356,737	619,921	1.9	10.8	759,700	338,884	2.4	10.3
$100,000 to $500,000	22	[3] 13	15.2	27.1	1,365	[3] 2,370	9.0	84.1	4,972,891	[3] 4,968,725	6.9	86.4	2,584,847	[3] 2,867,085	8.2	86.8
$500,000 to $1,000,000	14	.....	9.7	.....	2,036	.....	13.4	.....	9,473,064	.....	13.2	.....	4,162,102	.....	13.2	.....
$1,000,000 and over	14	.....	9.7	.....	11,206	.....	73.6	.....	55,490,519	.....	77.4	.....	23,907,053	.....	75.5	.....
AUTOMOBILES	27	38	100.0	100.0	10,544	4,402	100.0	100.0	107,347,614	23,638,500	100.0	100.0	29,649,869	7,254,010	100.0	100.0
$5,000 to $20,000	.....	[4] 5	.....	13.2	.....	[4] 21	.....	0.5	.....	[4] 42,900	.....	0.2	.....	[4] 19,591	.....	0.3
$20,000 to $100,000	.....	6	.....	15.8	.....	66	.....	1.5	.....	271,254	.....	1.1	.....	78,130	.....	1.1
$100,000 to $500,000	.....	11	.....	28.9	.....	[2] 1,988	.....	45.2	.....	3,501,996	.....	14.8	.....	[2] 2,813,711	.....	38.8
$500,000 to $1,000,000	[5] 9	7	33.3	18.4	[5] 475	.....	4.5	.....	[5] 3,200,530	4,408,065	3.0	18.6	[5] 635,886	.....	2.1	.....
$1,000,000 and over	18	9	66.7	23.7	10,069	2,327	95.5	52.9	104,147,084	15,414,285	97.0	65.2	29,013,983	4,342,578	97.9	59.9
BREAD AND OTHER BAKERY PRODUCTS	802	825	100.0	100.0	3,759	3,188	100.0	100.0	30,020,059	12,464,260	100.0	100.0	10,543,925	5,230,372	100.0	100.0
Less than $5,000	128	333	16.0	40.4	58	258	1.5	8.1	390,024	1,028,089	1.3	8.2	159,829	475,055	1.5	9.1
$5,000 to $20,000	407	394	50.7	47.8	581	980	15.5	30.7	4,494,570	3,623,136	15.0	29.1	1,510,022	1,581,519	14.3	30.2
$20,000 to $100,000	220	83	27.4	10.1	1,140	812	30.3	25.5	9,122,303	3,074,755	30.4	24.7	2,785,820	1,220,490	26.4	23.3
$100,000 to $500,000	38	[2] 15	4.7	1.8	698	[2] 1,138	18.6	35.7	6,819,489	[2] 4,738,280	22.7	38.0	2,271,039	[2] 1,953,308	21.5	37.3
$500,000 to $1,000,000	5	.....	0.6	.....	402	.....	10.7	.....	3,178,926	.....	10.6	.....	1,177,982	.....	11.2	.....
$1,000,000 and over	4	.....	0.5	.....	880	.....	23.4	.....	6,014,747	.....	20.0	.....	2,639,233	.....	25.0	.....
BUTTER	92	111	100.0	100.0	1,453	654	100.0	100.0	27,900,732	7,904,719	100.0	100.0	3,852,905	1,231,990	100.0	100.0
Less than $5,000	3	14	3.3	12.6	.....	8	.....	1.2	9,609	43,264	(1)	0.5	1,225	7,136	(1)	0.6
$5,000 to $20,000	6	35	6.5	31.5	5	45	0.3	6.9	65,035	424,356	0.2	5.4	15,039	64,217	0.4	5.2
$20,000 to $100,000	35	44	38.0	39.6	79	200	5.4	30.6	1,976,008	2,111,044	7.1	26.7	276,898	350,098	7.2	28.4
$100,000 to $500,000	28	[6] 18	30.4	16.2	315	[6] 401	21.7	61.3	5,846,498	[6] 5,326,055	21.0	67.4	871,624	[6] 810,539	22.6	65.8
$500,000 to $1,000,000	12	.....	13.0	.....	374	.....	25.7	.....	8,683,332	.....	31.1	.....	1,438,863	.....	37.3	.....
$1,000,000 and over	8	.....	8.7	.....	680	.....	46.8	.....	11,320,250	.....	40.6	.....	1,249,256	.....	32.4	.....
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	77	49	100.0	100.0	23,099	14,398	100.0	100.0	61,232,356	20,585,579	100.0	100.0	36,365,693	11,203,130	100.0	100.0
$20,000 to $100,000	[7] 21	[7] 19	27.3	38.8	[7] 514	[7] 663	2.2	4.6	[7] 1,101,047	[7] 793,139	1.8	3.9	[7] 819,983	[7] 490,369	2.3	4.4
$100,000 to $500,000	29	19	37.7	38.8	3,014	[2] 6,217	13.0	43.2	6,848,447	4,907,018	11.2	23.8	4,871,927	[2] 4,536,397	13.4	40.5
$500,000 to $1,000,000	10	4	13.0	8.2	2,866	.....	12.4	.....	7,384,328	3,193,458	12.1	15.5	4,663,388	.....	12.8	.....
$1,000,000 and over	17	7	22.1	14.3	16,705	7,518	72.3	52.2	45,898,534	11,691,964	75.0	56.8	26,010,395	6,176,364	71.5	55.1
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES	47	41	100.0	100.0	11,756	4,075	100.0	100.0	41,594,125	8,879,178	100.0	100.0	20,784,448	4,948,531	100.0	100.0
$5,000 to $20,000	10	[4] 12	21.3	29.3	49	[4] 55	0.4	1.3	123,481	[4] 102,995	0.3	1.2	66,812	[4] 59,322	0.3	1.2
$20,000 to $100,000	12	16	25.5	39.0	195	360	1.7	8.8	581,544	766,337	1.4	8.6	312,036	413,077	1.5	8.3
$100,000 to $500,000	12	[6] 13	25.5	31.7	643	[6] 3,660	5.5	89.8	2,561,206	[6] 8,009,846	6.2	90.2	1,400,032	[6] 4,476,132	6.7	90.5
$500,000 to $1,000,000	5	.....	10.6	.....	798	.....	6.8	.....	3,546,451	.....	8.5	.....	1,818,685	.....	8.8	.....
$1,000,000 and over	8	.....	17.0	.....	10,071	.....	85.7	.....	34,781,443	.....	83.6	.....	17,186,283	.....	82.7	.....
FLOUR-MILL AND GRISTMILL PRODUCTS	450	512	100.0	100.0	2,280	2,281	100.0	100.0	75,111,435	37,488,223	100.0	100.0	9,371,400	5,247,557	100.0	100.0
Less than $5,000	33	82	7.3	16.0	11	58	0.5	2.5	100,644	232,683	0.1	0.6	18,921	53,790	0.2	1.0
$5,000 to $20,000	105	184	23.3	35.9	84	291	3.7	12.8	1,292,371	2,290,653	1.7	6.1	248,097	542,101	2.6	10.3
$20,000 to $100,000	223	197	49.6	38.5	496	711	21.8	31.2	10,726,276	8,251,693	14.3	22.0	1,655,119	1,649,481	17.7	31.4
$100,000 to $500,000	62	34	13.8	6.6	429	[2] 544	18.8	23.8	10,776,552	6,815,632	14.3	18.2	1,482,660	[2] 1,416,992	15.8	27.0
$500,000 to $1,000,000	11	6	2.4	1.2	198	.....	8.7	.....	7,290,363	3,747,729	9.7	10.0	699,633	.....	7.5	.....
$1,000,000 and over	16	9	3.6	1.8	1,062	677	46.6	29.7	44,925,229	16,149,833	59.8	43.1	5,266,970	1,585,103	56.2	30.2
FOUNDRY AND MACHINE-SHOP PRODUCTS [8]	422	348	100.0	100.0	20,184	11,860	100.0	100.0	91,528,971	35,013,983	100.0	100.0	51,549,226	20,861,054	100.0	100.0
Less than $5,000	85	93	20.1	26.7	56	102	0.3	0.9	223,640	221,105	0.2	0.6	165,506	157,280	0.3	0.8
$5,000 to $20,000	92	96	21.8	27.6	315	509	1.6	4.3	1,001,816	1,065,801	1.1	3.0	654,603	668,570	1.3	3.2
$20,000 to $100,000	111	96	26.3	27.6	1,780	2,333	8.8	19.7	5,811,531	4,726,167	6.3	13.5	3,498,559	2,640,592	6.8	12.7
$100,000 to $500,000	91	49	21.6	14.1	5,262	[2] 5,550	26.1	46.8	21,100,213	10,377,089	23.1	29.6	11,825,021	[2] 7,768,646	22.9	37.2
$500,000 to $1,000,000	19	6	4.5	1.7	3,261	.....	16.2	.....	13,186,601	3,564,587	14.4	10.2	7,427,481	.....	14.4	.....
$1,000,000 and over	24	8	5.7	2.3	9,510	3,366	47.1	28.4	50,205,170	15,059,234	54.9	43.0	27,977,996	9,625,966	54.3	46.1
FURNITURE	177	197	100.0	100.0	13,257	10,803	100.0	100.0	52,350,282	21,412,315	100.0	100.0	24,866,053	10,533,166	100.0	100.0
Less than $5,000	11	20	6.2	10.2	11	25	0.1	0.2	27,161	49,685	0.1	0.2	16,570	31,853	0.1	0.3
$5,000 to $20,000	13	29	7.3	14.7	74	181	0.6	1.7	176,010	321,199	0.3	1.5	107,459	188,681	0.4	1.8
$20,000 to $100,000	32	80	18.1	40.6	581	2,740	4.4	25.4	1,737,528	4,587,327	3.3	21.4	903,449	2,438,898	3.6	23.2
$100,000 to $500,000	94	63	53.1	32.0	6,108	[6] 7,857	46.1	72.7	21,986,426	12,011,231	42.0	56.1	11,388,571	[6] 7,873,734	45.8	74.8
$500,000 to $1,000,000	20	[3] 5	11.3	2.5	3,236	.....	24.4	.....	13,909,708	[3] 4,442,873	26.6	20.7	6,381,621	.....	25.7	.....
$1,000,000 and over	7	.....	4.0	.....	3,247	.....	24.5	.....	14,513,449	.....	27.7	.....	6,068,983	.....	24.4	.....
GLASS	35	41	100.0	100.0	9,350	9,390	100.0	100.0	30,106,652	14,881,372	100.0	100.0	16,952,046	7,975,949	100.0	100.0
$20,000 to $100,000	3	[7] 10	8.6	24.4	39	[7] 448	0.4	4.8	204,411	[7] 506,583	0.7	3.4	104,303	[7] 328,811	0.6	4.1
$100,000 to $500,000	11	22	31.4	53.7	1,619	[6] 8,942	17.3	95.2	3,448,877	5,528,648	11.5	37.2	2,313,782	[6] 7,647,138	13.6	95.9
$500,000 to $1,000,000	15	[3] 9	42.9	22.0	3,662	.....	39.2	.....	10,607,496	[3] 8,846,141	35.2	59.4	6,740,526	.....	39.8	.....
$1,000,000 and over	6	.....	17.1	.....	4,030	.....	43.1	.....	15,845,868	.....	52.6	.....	7,793,435	.....	46.0	.....

[1] Less than one-tenth of 1 per cent.
[2] Includes the group "$500,000 to $1,000,000."
[3] Includes the group "$1,000,000 and over."
[4] Includes the group "Less than $5,000."
[5] Includes the groups "Less than $5,000," "$20,000 to $100,000," and "$100,000 to $500,000."
[6] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[7] Includes the group "$5,000 to $20,000."
[8] Includes "iron and steel, tempering and welding," and "machine tools."

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	559	622	100.0	100.0	3,511	3,395	100.0	100.0	$19,184,687	$10,163,181	100.0	100.0	$13,496,852	$7,582,769	100.0	100.0
Less than $5,000	242	353	43.3	56.8	243	550	6.9	16.2	664,912	884,942	3.5	8.7	513,020	721,625	3.8	9.5
$5,000 to $20,000	180	180	32.2	28.9	606	894	17.3	26.3	1,870,640	1,785,550	9.8	17.6	1,396,573	1,412,922	10.3	18.6
$20,000 to $100,000	100	70	17.9	11.3	953	837	27.1	24.7	4,223,931	2,900,604	22.0	28.5	3,154,652	2,230,965	23.4	29.4
$100,000 to $500,000	33	[1] 19	5.9	3.1	1,228	[1] 1,114	35.0	32.8	6,976,025	[1] 4,592,085	36.4	45.2	4,943,215	[1] 3,217,257	36.6	42.4
$500,000 to $1,000,000	[2] 4	.....	0.7	.....	[2] 481	.....	13.7	.....	[2] 5,449,179	.....	28.4	.....	[2] 3,489,392	.....	25.9	.....
SLAUGHTERING AND MEAT PACKING	57	65	100.0	100.0	5,691	4,481	100.0	100.0	134,028,726	51,021,537	100.0	100.0	12,339,032	4,759,426	100.0	100.0
$5,000 to $20,000	3	[3] 11	5.3	16.9	6	[3] 21	0.1	0.5	43,441	[3] 113,776	(4)	0.2	12,593	[3] 29,030	0.1	0.6
$20,000 to $100,000	11	22	19.3	33.8	27	80	0.5	1.8	642,526	1,048,234	0.5	2.1	95,877	178,375	0.8	3.7
$100,000 to $500,000	24	20	42.1	30.8	236	[5] 519	4.1	11.6	5,817,761	4,388,094	4.3	8.6	876,711	[5] 1,079,181	7.1	22.7
$500,000 to $1,000,000	6	4	10.5	6.2	150	.....	2.6	.....	4,018,350	3,203,493	3.0	6.3	638,764	.....	5.2	.....
$1,000,000 and over	13	8	22.8	12.3	5,272	3,861	92.6	86.2	123,506,648	42,267,940	92.1	82.8	10,715,087	3,472,840	86.8	73.0

[1] Includes the groups "$ 00,000 to $1,000,000" and "$1,000,000 and over."
[2] Includes the group "$1,000,000 and over."
[3] Includes the group "Less than $5,000."
[4] Less than one-tenth of 1 per cent.
[5] Includes the group "$500,000 to $1,000,000."

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. 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.
ANDERSON	99	7,928	100.0	$38,930,509	100.0	$16,840,310	100.0
Less than $5,000	10	11	0.1	28,881	0.1	17,287	0.1
$5,000 to $20,000	29	94	1.2	321,662	0.8	182,758	1.1
$20,000 to $100,000	23	337	4.3	1,100,953	2.8	511,921	3.0
$100,000 to $500,000	24	966	12.2	5,037,274	12.9	2,251,704	13.4
$500,000 to $1,000,000	7	947	11.9	4,805,302	12.3	2,128,263	12.6
$1,000,000 and over	6	5,573	70.3	27,636,437	71.0	11,748,407	69.8
BLOOMINGTON	39	1,420	100.0	6,816,002	100.0	2,565,903	100.0
Less than $5,000	10	7	0.5	18,548	0.3	13,372	0.5
$5,000 to $20,000	6	16	1.1	74,429	1.1	26,769	1.0
$20,000 to $100,000	15	116	8.2	609,460	8.9	247,552	9.6
$100,000 and over	8	1,281	90.2	6,113,565	89.7	2,278,210	88.8
CLINTON	26	469	100.0	1,750,794	100.0	737,342	100.0
Less than $5,000	6	4	0.9	13,775	0.8	10,573	1.4
$5,000 to $20,000	7	12	2.6	73,856	4.2	37,968	5.1
$20,000 to $100,000	9	118	25.2	359,614	20.5	178,078	24.2
$100,000 and over	4	335	71.4	1,303,549	74.5	510,723	69.3
CRAWFORDSVILLE	55	785	100.0	4,837,222	100.0	1,966,926	100.0
Less than $5,000	14	2	0.3	30,277	0.6	14,241	0.7
$5,000 to $20,000	18	53	6.8	220,135	4.6	89,758	4.6
$20,000 to $100,000	12	164	20.9	639,796	13.2	357,031	18.2
$100,000 and over	11	566	72.1	3,947,014	81.6	1,505,896	76.6
EAST CHICAGO	61	8,957	100.0	89,568,753	100.0	26,234,676	100.0
Less than $5,000	10	5	0.1	25,542	(2)	11,202	(2)
$5,000 to $20,000	11	19	0.2	115,539	0.1	52,983	0.2
$20,000 to $100,000	8	120	1.3	427,006	0.5	224,398	0.9
$100,000 to $500,000	10	605	6.8	3,264,759	3.6	1,425,281	5.4
$500,000 to $1,000,000	3	468	5.2	2,626,404	2.9	1,418,383	5.4
$1,000,000 and over	19	7,740	86.4	83,109,503	92.8	23,102,429	88.1
ELKHART	120	5,728	100.0	24,421,494	100.0	11,059,658	100.0
Less than $5,000	26	27	0.5	70,177	0.3	38,537	0.3
$5,000 to $20,000	32	75	1.3	336,491	1.4	193,338	1.7
$20,000 to $100,000	32	490	8.6	1,668,073	6.8	842,160	7.6
$100,000 to $500,000	17	683	11.9	3,350,606	13.7	1,602,660	14.5
$500,000 to $1,000,000	4	1,143	20.0	2,968,383	12.2	2,043,820	18.5
$1,000,000 and over	9	3,310	57.8	16,027,764	65.6	6,339,143	57.3
ELWOOD	32	2,167	100.0	15,644,537	100.0	5,126,323	100.0
Less than $20,000	10	27	1.2	91,067	0.6	52,987	1.0
$20,000 to $100,000	12	112	5.2	405,492	2.6	206,246	4.0
$100,000 to $500,000	5	434	20.0	1,347,103	8.6	586,365	11.4
$500,000 and over	5	1,594	73.6	13,800,875	88.2	4,280,725	83.5
EVANSVILLE	299	12,526	100.0	70,230,419	100.0	26,081,627	100.0
Less than $5,000	62	42	0.3	130,779	0.2	76,374	0.3
$5,000 to $20,000	60	184	1.5	633,414	0.9	319,531	1.2
$20,000 to $100,000	73	841	6.7	3,569,316	5.1	1,682,478	6.5
$100,000 to $500,000	74	4,421	35.3	19,364,932	27.6	9,866,984	37.8
$500,000 to $1,000,000	20	3,259	26.0	14,337,616	20.4	6,762,147	25.9
$1,000,000 and over	10	3,779	30.2	32,194,362	45.8	7,374,113	28.3
FORT WAYNE	247	16,344	100.0	$76,713,262	100.0	$38,804,767	100.0
Less than $5,000	34	37	0.2	101,051	0.1	60,263	0.2
$5,000 to $20,000	69	212	1.3	758,907	1.0	460,859	1.2
$20,000 to $100,000	74	894	5.5	3,617,644	4.7	1,869,366	4.8
$100,000 to $500,000	40	1,748	10.7	9,092,838	11.9	3,793,457	9.8
$500,000 to $1,000,000	13	1,175	7.2	7,994,488	10.4	3,958,826	10.2
$1,000,000 and over	17	12,278	75.1	55,148,334	71.9	28,661,996	73.9
FRANKFORT	34	1,275	100.0	6,401,263	100.0	2,149,045	100.0
Less than $5,000	7	5	0.4	16,624	0.3	9,325	0.4
$5,000 to $20,000	4	10	0.8	46,671	0.7	23,251	1.1
$20,000 to $100,000	13	146	11.5	612,991	9.6	298,572	13.9
$100,000 to $500,000	7	403	31.6	1,932,679	30.2	643,868	30.0
$500,000 and over	3	711	55.8	3,792,298	59.2	1,174,029	54.6
HAMMOND	94	6,065	100.0	59,276,319	100.0	19,324,580	100.0
Less than $5,000	17	10	0.2	54,328	0.1	27,833	0.1
$5,000 to $20,000	21	48	0.8	218,284	0.4	116,135	0.6
$20,000 to $100,000	25	236	3.9	1,163,634	2.0	653,657	3.4
$100,000 to $500,000	17	950	15.7	4,242,716	7.2	2,426,473	12.6
$500,000 to $1,000,000	4	455	7.5	2,682,419	4.5	1,536,992	8.0
$1,000,000 and over	10	4,366	72.0	50,914,938	85.9	14,563,490	75.4
HUNTINGTON	57	2,165	100.0	9,977,014	100.0	5,479,055	100.0
Less than $5,000	12	19	0.9	26,493	0.3	19,555	0.4
$5,000 to $20,000	15	41	1.9	132,541	1.3	79,136	1.4
$20,000 to $100,000	15	159	7.3	780,280	7.8	363,018	6.6
$100,000 to $500,000	8	261	12.1	1,752,780	17.6	787,143	14.4
$500,000 to $1,000,000	4	403	18.6	2,626,558	26.3	1,333,382	24.3
$1,000,000 and over	3	1,282	59.2	4,658,362	46.7	2,896,821	52.9
INDIANAPOLIS	1004	49,977	100.0	398,666,553	100.0	131,912,215	100.0
Less than $5,000	158	59	0.1	381,024	0.1	243,040	0.2
$5,000 to $20,000	258	746	1.5	2,787,366	0.7	1,657,789	1.3
$20,000 to $100,000	294	3,297	6.6	14,437,040	3.6	8,011,505	6.1
$100,000 to $500,000	186	8,944	17.9	42,365,815	10.6	20,807,352	15.8
$500,000 to $1,000,000	43	5,795	11.6	30,025,186	7.5	13,817,833	10.5
$1,000,000 and over	65	31,136	62.3	308,670,122	77.4	87,374,696	66.2
KOKOMO	98	6,727	100.0	38,709,165	100.0	17,116,457	100.0
Less than $5,000	14	9	0.1	30,510	0.1	15,855	0.1
$5,000 to $20,000	33	88	1.3	306,855	0.8	138,183	0.8
$20,000 to $100,000	23	227	3.4	1,112,709	2.9	546,635	3.2
$100,000 to $500,000	18	899	13.4	5,005,765	12.9	1,637,406	9.6
$1,000,000 and over	10	5,504	81.8	32,253,326	83.3	14,778,378	86.3
LA PORTE	52	3,502	100.0	20,580,890	100.0	10,050,147	100.0
Less than $5,000	3	.....	(2)	6,136	(2)	3,479	(2)
$5,000 to $20,000	16	40	1.1	195,006	0.9	84,875	0.8
$20,000 to $100,000	14	202	5.8	787,244	3.8	438,247	4.4
$100,000 to $500,000	13	602	17.2	2,863,201	13.9	1,276,668	12.7
$500,000 and over	6	2,658	75.9	16,729,303	81.3	8,246,878	82.1

[1] Excludes Gary, Jeffersonville, Michigan City, and Whiting, to avoid disclosure of individual operations.
[2] Less than one-tenth of 1 per cent.
[3] Includes the group "$500,000 to $1,000,000."

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

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.
LAFAYETTE	85	2,550	100.0	$12,616,169	100.0	$5,737,385	100.0
Less than $5,000	14	10	0.4	41,500	0.3	31,031	0.5
$5,000 to $20,000	24	83	3.3	337,199	2.7	152,057	2.7
$20,000 to $100,000	28	352	13.8	1,375,187	10.9	757,792	13.2
$100,000 to $500,000 [3]	15	868	34.0	4,184,233	33.2	2,028,907	35.4
$1,000,000 and over	4	1,237	48.5	6,678,050	52.9	2,767,598	48.2
LOGANSPORT	67	2,338	100.0	7,746,446	100.0	3,821,932	100.0
Less than $5,000	11	5	0.2	30,053	0.4	16,092	0.4
$5,000 to $20,000	16	44	1.9	162,345	2.1	89,559	2.3
$20,000 to $100,000	31	464	19.8	1,461,576	18.9	792,888	20.7
$100,000 and over	9	1,825	78.1	6,092,472	78.6	2,923,393	76.5
MARION	101	4,646	100.0	24,325,085	100.0	9,506,264	100.0
Less than $5,000	15	10	0.2	36,048	0.1	20,028	0.2
$5,000 to $20,000	22	66	1.4	256,291	1.1	127,572	1.3
$20,000 to $100,000	27	295	6.3	1,395,064	5.7	631,000	6.6
$100,000 to $500,000	22	1,566	33.7	5,435,814	22.3	2,451,729	25.8
$500,000 to $1,000,000	8	845	18.2	5,407,398	22.2	1,999,255	21.0
$1,000,000 and over	7	1,864	40.1	11,794,470	48.5	4,276,680	45.0
MISHAWAKA	32	5,068	100.0	27,765,010	100.0	13,737,273	100.0
Less than $5,000	7	4	0.1	17,396	0.1	13,102	0.1
$5,000 to $20,000	11	37	0.7	98,256	0.4	53,512	0.4
$20,000 to $100,000	3	10	0.2	105,340	0.4	64,109	0.5
$100,000 and over	11	5,017	99.0	27,544,018	99.2	13,606,550	99.0
MUNCIE	121	6,559	100.0	33,175,525	100.0	14,365,274	100.0
Less than $5,000	21	10	0.2	55,054	0.2	33,157	0.2
$5,000 to $20,000	34	98	1.5	355,133	1.1	195,964	1.4
$20,000 to $100,000	29	397	6.1	1,445,203	4.4	622,230	4.3
$100,000 to $500,000	20	1,004	15.3	4,281,222	12.9	2,308,339	16.1
$500,000 to $1,000,000	11	1,188	18.1	6,800,116	20.5	2,956,597	20.6
$1,000,000 and over	6	3,862	58.9	20,238,797	61.0	8,248,987	57.4
NEW ALBANY	93	1,239	100.0	6,766,373	100.0	2,638,813	100.0
Less than $5,000	23	19	1.5	55,980	0.8	36,570	1.4
$5,000 to $20,000	39	133	10.7	458,415	6.8	257,298	9.7
$20,000 to $100,000	19	225	18.2	861,930	12.7	380,031	14.4
$100,000 to $500,000	8	391	31.6	1,828,381	27.0	907,009	34.4
$500,000 and over	4	471	38.0	3,561,667	52.6	1,057,905	40.1
NEW CASTLE	33	4,041	100.0	$14,583,738	100.0	$6,085,172	100.0
Less than $5,000	3	3	0.1	6,662	(2)	5,026	0.1
$5,000 to $20,000	8	25	0.6	85,524	0.6	42,631	0.7
$20,000 to $100,000	11	98	2.4	465,948	3.2	227,734	3.7
$100,000 and over	11	3,915	96.9	14,025,604	96.2	5,809,781	95.5
PERU	40	1,466	100.0	4,704,560	100.0	2,259,484	100.0
Less than $5,000	3	8	0.5	9,949	0.2	7,043	0.3
$5,000 to $20,000	13	47	3.2	149,015	3.2	92,529	4.1
$20,000 to $100,000	11	137	9.3	523,292	11.1	248,651	11.0
$100,000 and over	13	1,274	86.9	4,022,304	85.5	1,911,261	84.6
RICHMOND	144	4,938	100.0	22,893,643	100.0	10,181,945	100.0
Less than $5,000	35	16	0.3	81,397	0.4	54,658	0.5
$5,000 to $20,000	44	97	2.0	515,415	2.3	277,534	2.7
$20,000 to $100,000	26	268	5.4	1,159,199	5.1	569,639	5.6
$100,000 to $500,000	26	1,201	24.3	6,145,131	26.8	2,320,861	22.8
$500,000 to $1,000,000	7	912	18.5	4,676,932	20.4	1,703,096	16.7
$1,000,000 and over	6	2,444	49.5	10,315,569	45.1	5,256,157	51.6
SOUTH BEND	214	14,792	100.0	75,339,165	100.0	36,633,018	100.0
Less than $5,000	33	19	0.1	78,247	0.1	51,303	0.1
$5,000 to $20,000	56	208	1.4	767,916	1.0	412,354	1.1
$20,000 to $100,000	70	765	5.2	3,135,143	4.2	1,594,811	4.4
$100,000 to $500,000	33	1,228	8.3	6,610,820	8.8	3,326,286	9.1
$500,000 to $1,000,000	12	1,719	11.6	8,276,971	11.0	3,611,313	9.9
$1,000,000 and over	10	10,853	73.4	56,470,068	75.0	27,636,951	75.4
TERRE HAUTE	257	6,458	100.0	41,967,818	100.0	15,064,938	100.0
Less than $5,000	57	40	0.6	171,078	0.4	109,160	0.7
$5,000 to $20,000	91	207	3.2	924,224	2.2	531,488	3.5
$20,000 to $100,000	57	585	9.1	2,620,065	6.2	1,365,693	9.1
$100,000 to $500,000	35	1,545	23.9	8,725,768	20.8	3,961,251	26.3
$500,000 to $1,000,000	9	953	14.8	5,902,742	14.1	1,895,755	12.6
$1,000,000 and over	8	3,128	48.4	23,623,941	56.3	7,201,501	47.8
VINCENNES	98	1,191	100.0	7,582,072	100.0	2,996,305	100.0
Less than $5,000	15	9	0.8	39,841	0.5	25,540	0.9
$5,000 to $20,000	42	116	9.7	434,725	5.7	217,716	7.3
$20,000 to $100,000	25	284	23.8	2,066,732	27.3	675,610	22.5
$100,000 to $500,000	12	482	40.5	2,877,826	38.0	1,142,970	38.1
$500,000 to $1,000,000	4	300	25.2	2,162,948	28.5	934,469	31.2

[1] Excludes Gary, Jeffersonville, Michigan City, and Whiting, to avoid disclosure of individual operations.
[2] Less than one-tenth of 1 per cent.
[3] 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	3,539	2,963	1,414	277,580	11,998	254,627	10,955	4.3	91.7	3.9	$1,898,753,387	$64,089,047	$1,774,635,258	$60,029,082	3.4	93.5	3.2
	1914	3,766	2,680	1,576	197,503	13,574	173,176	10,753	6.9	87.7	5.4	730,795,021	40,198,487	653,169,994	37,426,540	5.5	89.4	5.1
	1909	3,904	2,363	1,702	186,984	15,607	158,631	12,746	8.3	84.8	6.8	579,075,046	40,929,084	495,570,090	42,575,872	7.1	85.6	7.4
Agricultural implements	1919	5	22	2	5,533	[1] 30	5,503	.....	0.5	99.5	.....	31,823,733	[1] 102,304	31,721,429	.....	0.3	99.7	.....
	1914	8	23	2	3,991	[1] 32	3,959	.....	0.8	99.2	.....	12,791,461	[1] 55,657	12,735,804	.....	0.4	99.6	.....
Automobile bodies and parts	1919	42	76	27	15,229	330	14,783	116	2.2	97.1	0.8	71,717,249	1,031,668	70,203,858	481,723	1.4	97.9	0.7
	1914	11	34	3	2,817	29	2,781	7	1.0	98.7	0.2	5,750,588	57,730	5,672,356	20,502	1.0	98.6	0.4
Automobiles	1919	1	25	1	10,544	.....	[2] 10,544	.....	.....	100.0	.....	107,347,614	.....	[2] 107,347,614	.....	.....	100.0	.....
	1914	2	35	1	4,402	.....	[2] 4,402	.....	.....	100.0	.....	23,638,500	.....	[2] 23,638,500	.....	.....	100.0	.....
Bread and other bakery products	1919	613	51	138	3,759	1,459	1,804	496	38.8	48.0	13.2	30,020,059	11,760,473	13,973,454	4,286,132	39.2	46.5	14.3
	1914	658	33	134	3,188	1,450	1,310	428	45.5	41.1	13.4	12,464,260	5,488,250	5,387,240	1,588,770	44.0	43.2	12.7
Butter	1919	22	49	21	1,453	68	1,310	75	4.7	90.2	5.2	27,900,732	1,375,011	23,915,531	2,610,190	4.9	85.7	9.4
	1914	36	36	39	654	100	408	146	15.3	62.4	22.3	7,904,719	1,086,687	5,147,160	1,670,872	13.7	65.1	21.1
Canning and preserving, fruits and vegetables	1919	27	85	24	2,949	189	2,292	468	6.4	77.7	15.9	18,898,767	673,856	16,232,370	1,992,541	3.6	85.9	10.5
	1914	26	72	21	3,198	150	2,704	344	4.7	84.6	10.8	8,376,249	164,364	7,481,101	730,784	2.0	89.3	8.7
Cars and general shop construction and repairs by steam-railroad companies	1919	.....	77	.....	23,099	.....	23,099	.....	.....	100.0	.....	61,232,356	.....	61,232,356	.....	.....	100.0	.....
	1914	.....	49	.....	14,398	.....	14,398	.....	.....	100.0	.....	20,585,579	.....	20,585,579	.....	.....	100.0	.....
Cars, steam-railroad, not including operations of railroad companies	1919	.....	9	.....	6,650	.....	6,650	.....	.....	100.0	.....	86,021,028	.....	86,021,028	.....	.....	100.0	.....
	1914	.....	10	.....	5,800	.....	5,800	.....	.....	100.0	.....	21,570,441	.....	21,570,441	.....	.....	100.0	.....

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

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.
Cement	1919	.....	5	.....	1,953	.....	1,953	.....	.....	100.0	.....	$13,362,808	.....	$13,362,808	.....	.....	100.0	.....
	1914	1	6	.....	2,354	.....	[1] 2,354	.....	.....	100.0	.....	10,106,700	.....	[1] 10,106,700	.....	.....	100.0	.....
Clothing, men's	1919	6	20	11	3,480	92	2,921	467	2.6	83.9	13.4	15,000,047	$206,046	12,764,319	$2,029,682	1.4	85.1	13.5
	1914	7	19	5	2,667	102	2,356	209	3.8	88.3	7.8	5,369,015	96,688	4,805,008	467,319	1.8	89.5	8.7
Electrical machinery, apparatus, and supplies.	1919	2	43	2	11,756	[2] 10	11,746	.....	0.1	99.9	.....	41,594,125	[2] 35,240	41,558,885	.....	0.1	99.9	.....
	1914	4	35	2	4,075	[2] 22	4,053	.....	0.5	99.5	.....	8,879,178	[2] 51,158	8,828,020	.....	0.6	99.4	.....
Engines, steam, gas, and water.	1919	3	12	1	2,853	[2] 33	2,820	.....	1.2	98.8	.....	14,472,788	[2] 68,728	14,404,060	.....	0.5	99.5	.....
	1914	5	14	2	1,311	[2] 44	1,267	.....	3.4	96.6	.....	2,808,386	[2] 64,874	2,743,512	.....	2.3	97.7	.....
Flour-mill and gristmill products.	1919	202	132	116	2,280	320	1,674	286	14.0	73.4	12.5	75,111,435	7,332,454	60,545,702	7,233,279	9.8	80.6	9.6
	1914	218	124	170	2,281	412	1,416	453	18.1	62.1	19.9	37,488,223	4,542,764	27,284,751	5,660,708	12.1	72.8	15.1
Foundry and machine-shop products.[3]	1919	133	228	61	20,184	595	18,794	795	2.9	93.1	3.9	91,528,971	2,324,057	85,103,148	4,101,766	2.5	93.0	4.5
	1914	117	186	45	11,860	808	10,815	237	6.8	91.2	2.0	35,013,983	2,481,423	31,438,968	1,093,592	7.1	89.8	3.1
Furniture	1919	21	140	16	13,257	488	12,165	604	3.7	91.8	4.6	52,350,282	1,836,671	48,397,246	2,116,365	3.5	92.4	4.0
	1914	36	144	17	10,803	525	9,855	423	4.9	91.2	3.9	21,412,315	1,212,814	19,150,126	1,049,375	5.7	89.4	4.9
Gas, illuminating and heating.	1919	1	52	.....	1,902	.....	[1] 1,902	.....	.....	100.0	.....	12,454,206	.....	[1] 12,454,206	.....	.....	100.0	.....
	1914	.....	51	9	1,668	.....	1,653	15	.....	99.1	0.9	6,398,147	.....	6,358,335	39,812	.....	99.4	0.6
Glass	1919	.....	35	.....	9,350	.....	9,350	.....	.....	100.0	.....	30,106,652	.....	30,106,652	.....	.....	100.0	.....
	1914	3	37	1	9,390	[2] 575	8,815	.....	6.1	93.9	.....	14,881,372	[2] 550,551	14,330,821	.....	3.7	96.3	.....
Iron and steel, steel works and rolling mills.	1919	.....	23	.....	22,362	.....	22,362	.....	.....	100.0	.....	199,273,518	.....	199,273,518	.....	.....	100.0	.....
	1914	.....	19	.....	11,106	.....	11,106	.....	.....	100.0	.....	58,882,522	.....	58,882,522	.....	.....	100.0	.....
Lumber and timber products.	1919	270	79	137	4,173	1,111	1,946	1,116	26.6	46.6	26.7	17,775,935	3,885,303	9,741,085	4,149,547	21.9	54.8	23.3
	1914	392	69	171	4,476	1,722	1,439	1,315	38.5	32.1	29.4	9,740,766	3,457,739	3,937,735	2,345,292	35.5	40.4	24.1
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	56	126	40	2,238	210	1,858	170	9.4	83.0	7.6	14,102,002	1,099,093	12,080,477	922,432	7.8	85.7	6.5
	1914	66	120	54	2,550	280	1,856	414	11.0	72.8	16.2	10,006,940	786,036	7,997,101	1,223,803	7.9	79.9	12.2
Printing and publishing, book and job.	1919	145	79	54	3,041	523	2,326	192	17.2	76.5	6.3	10,741,232	1,806,775	8,150,788	783,669	16.8	75.9	7.3
	1914	148	66	63	2,529	598	1,694	237	23.6	67.0	9.4	6,237,228	1,380,597	4,266,989	589,642	22.1	68.4	9.5
Printing and publishing, newspapers and periodicals.	1919	293	144	122	3,511	729	2,112	670	20.8	60.2	19.1	19,184,687	2,221,801	12,107,549	4,855,337	11.6	63.1	25.3
	1914	353	149	120	3,305	1,210	1,857	328	35.6	54.7	9.7	10,163,181	3,053,438	6,028,805	1,080,938	30.0	59.3	10.6
Slaughtering and meat packing.	1919	14	26	17	5,691	72	5,463	156	1.3	96.0	2.7	134,028,726	1,835,643	127,988,923	4,204,160	1.4	95.5	3.1
	1914	20	22	23	4,481	111	4,226	144	2.5	94.3	3.2	51,021,537	1,320,740	47,335,495	2,365,302	2.6	92.8	4.6
Structural ironwork, not made in steel works or rolling mills.	1919	5	16	2	2,015	[2] 97	1,918	.....	4.8	95.2	.....	14,449,966	[2] 697,825	13,752,141	.....	4.8	95.2	.....
	1914	9	20	3	1,853	[2] 146	1,707	.....	7.9	92.1	.....	6,631,741	[2] 385,548	6,246,193	.....	5.8	94.2	.....
Tobacco, cigars	1919	201	17	34	4,154	776	1,160	2,218	18.7	27.9	53.4	10,065,943	2,183,465	2,619,724	5,262,754	21.7	26.0	52.3
	1914	329	17	53	3,583	887	686	2,010	24.8	19.1	56.1	5,309,760	1,581,624	984,548	2,743,588	29.8	18.5	51.7
Total for cities [4]	1919	1,392	1,730	556	185,790	6,463	172,325	7,002	3.5	92.8	3.8	1,186,082,950	33,540,650	1,116,509,942	36,032,349	2.8	94.1	3.0
	1914	1,365	1,501	520	126,036	6,178	114,228	5,630	4.9	90.6	4.5	456,325,297	19,051,805	420,147,851	17,125,641	4.2	92.1	3.8
ANDERSON	1919	31	55	13	7,928	191	7,686	51	2.4	96.9	0.6	38,930,509	1,275,259	37,150,912	504,338	3.3	95.4	1.3
	1914	46	51	17	3,906	209	3,649	48	5.4	93.4	1.2	12,789,369	596,232	11,714,648	478,489	4.7	91.6	3.7
BLOOMINGTON	1919	11	14	14	1,420	34	1,244	142	2.4	87.6	10.0	6,816,002	186,905	5,901,084	728,013	2.7	86.6	10.7
	1914	14	13	13	1,057	25	927	105	2.4	87.7	9.9	2,329,290	64,000	1,941,643	323,647	2.7	83.4	13.9
CLINTON	1919	15	6	5	469	50	404	15	10.7	86.1	3.2	1,750,794	316,788	1,353,866	80,140	18.1	77.3	4.6
CRAWFORDSVILLE	1919	21	25	9	785	52	705	28	6.6	89.8	3.6	4,837,222	509,581	4,221,411	106,230	10.5	87.3	2.2
	1914	22	23	11	680	78	561	41	11.5	82.5	6.0	2,548,529	228,592	2,126,586	193,351	9.0	83.4	7.6
EAST CHICAGO	1919	12	41	8	8,957	36	8,907	14	0.4	99.4	0.2	89,568,753	107,824	89,177,837	283,092	0.1	99.6	0.3
	1914	25	39	15	7,482	37	7,401	44	0.5	98.9	0.6	41,623,788	128,457	41,352,476	142,855	0.3	99.3	0.3
ELKHART	1919	40	58	22	5,728	85	5,387	256	1.5	94.0	4.5	24,421,494	663,079	21,910,381	1,848,034	2.7	89.7	7.6
	1914	34	44	27	2,993	74	2,678	241	2.5	89.5	8.1	8,649,200	250,804	7,258,652	1,139,744	2.9	83.9	13.2
ELWOOD	1919	12	15	5	2,167	55	2,087	25	2.5	96.3	1.2	15,644,537	244,953	15,315,910	83,674	1.6	97.9	0.5
	1914	20	15	4	1,961	72	1,854	35	3.7	94.5	1.8	8,186,779	180,534	7,944,802	61,443	2.2	97.0	0.8
EVANSVILLE	1919	108	155	36	12,526	607	9,640	2,279	4.8	77.0	18.2	70,230,419	3,178,011	60,770,718	6,281,690	4.5	86.5	8.9
	1914	115	147	35	10,333	621	7,885	1,827	6.0	76.3	17.7	31,426,707	2,086,459	26,517,963	2,822,285	6.6	84.4	9.0
FORT WAYNE	1919	97	105	45	16,344	427	15,582	335	2.6	95.3	2.0	76,713,262	2,257,280	72,184,533	2,271,449	2.9	94.1	3.0
	1914	92	89	47	11,161	407	10,399	355	3.6	93.2	3.2	30,204,634	1,076,695	27,345,408	1,782,531	3.6	90.5	5.9
FRANKFORT	1919	10	13	11	1,275	224	971	80	17.6	76.2	6.3	6,401,263	536,294	5,432,592	432,377	8.4	84.9	6.8
HAMMOND	1919	31	48	15	6,065	70	5,929	66	1.2	97.8	1.1	59,276,319	549,844	58,263,463	463,012	0.9	98.3	0.8
	1914	32	33	17	4,281	66	4,177	38	1.5	97.6	0.9	20,584,408	234,239	20,172,303	177,866	1.1	98.0	0.9
HUNTINGTON	1919	16	23	18	2,165	59	2,005	101	2.7	92.6	4.7	9,977,014	428,402	9,062,213	486,399	4.3	90.8	4.9
	1914	17	21	12	1,239	75	949	215	6.1	76.6	17.4	2,790,522	344,780	2,057,504	388,238	12.4	73.7	13.9
INDIANAPOLIS	1919	348	527	129	49,977	1,990	46,266	1,721	4.0	92.6	3.4	398,666,553	8,604,292	377,950,345	12,111,916	2.2	94.8	3.0
	1914	318	450	118	30,971	2,113	27,614	1,244	6.8	89.2	4.0	139,700,016	6,744,456	128,619,933	4,335,627	4.8	92.1	3.1
JEFFERSONVILLE	1919	15	11	3	1,017	36	972	9	3.5	95.6	0.9	6,732,599	160,644	6,513,005	58,950	2.4	96.7	0.9
	1914	20	15	5	1,176	34	1,114	28	2.9	94.7	2.4	3,528,931	91,778	3,359,998	77,155	2.6	95.2	2.2

[1] Includes the group "Individuals."
[2] Includes the group "All others."
[3] Includes "iron and steel, tempering and welding," and "machine tools."
[4] Excludes Gary and Whiting, to avoid disclosure of individual operations.

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.
Kokomo	1919	33	44	21	6,727	129	6,528	70	1.9	97.0	1.0	$38,709,165	$811,166	$37,056,520	$841,479	2.1	95.7	2.2
	1914	33	33	12	3,289	140	3,112	37	4.3	94.6	1.1	10,641,191	483,589	9,955,989	201,613	4.5	93.6	1.9
La Porte	1919	17	28	7	3,502	46	3,426	30	1.3	97.8	0.9	20,580,890	381,971	20,052,163	146,756	1.9	97.4	0.7
	1914	23	24	8	1,765	56	1,678	31	3.2	95.1	1.8	5,929,339	163,505	5,596,143	169,691	2.8	94.4	2.9
Lafayette	1919	25	47	13	2,550	65	2,408	77	2.5	94.4	3.0	12,616,169	257,730	12,032,955	325,484	2.0	95.4	2.6
	1914	28	44	12	1,310	92	1,155	63	7.0	88.2	4.8	5,185,788	279,976	4,759,757	146,055	5.4	91.8	2.8
Logansport	1919	27	25	15	2,338	175	2,058	105	7.5	88.0	4.5	7,746,446	642,207	6,667,097	437,142	8.3	86.1	5.6
	1914	30	25	12	1,709	224	1,369	116	13.1	80.1	6.8	3,671,446	479,348	2,847,646	344,452	13.1	77.6	9.4
Marion	1919	36	53	12	4,646	252	4,210	184	5.4	90.6	4.0	24,325,085	1,973,709	21,089,598	1,261,778	8.1	86.7	5.2
	1914	37	42	11	2,970	166	2,718	86	5.6	91.5	2.9	6,705,183	547,014	5,780,040	378,129	8.2	86.2	5.6
Michigan City	1919	23	21	3	3,452	54	3,373	25	1.6	97.7	0.7	37,360,551	282,584	36,968,710	109,257	0.8	99.0	0.3
	1914	25	21	6	4,442	61	4,351	30	1.4	97.9	0.7	15,119,937	193,631	14,853,810	72,496	1.3	98.2	0.5
Mishawaka	1919	13	14	5	5,068	69	4,973	26	1.4	98.1	0.5	27,765,010	207,898	27,340,756	216,356	0.7	98.5	0.8
	1914	23	17	12	3,332	59	3,230	43	1.8	96.9	1.3	12,304,174	131,861	12,117,696	54,617	1.1	98.5	0.4
Muncie	1919	49	54	18	6,559	257	6,090	212	3.9	92.8	3.2	33,175,525	1,354,250	31,117,097	704,178	4.1	93.8	2.1
	1914	46	50	17	3,687	180	3,401	106	4.9	92.2	2.9	10,779,477	642,555	9,952,839	184,083	6.0	92.3	1.7
New Albany	1919	46	34	13	1,239	83	1,117	39	6.7	90.2	3.1	6,760,373	498,801	5,878,218	389,354	7.4	86.9	5.8
	1914	56	30	16	1,458	237	1,146	75	16.3	78.6	5.1	3,235,593	572,281	2,271,274	392,038	17.7	70.2	12.1
New Castle	1919	13	16	4	4,041	57	3,966	18	1.4	98.1	0.4	14,583,738	356,088	14,064,001	163,649	2.4	96.4	1.1
	1914	15	14	4	1,950	69	1,871	10	3.5	95.9	0.5	4,498,192	175,710	4,288,817	33,665	3.9	95.3	0.7
Peru	1919	13	14	13	1,466	143	937	386	9.8	63.9	26.3	4,704,560	324,695	3,525,425	854,440	6.9	74.9	18.2
	1914	12	11	11	787	63	489	235	8.0	62.1	29.9	1,529,351	126,544	857,704	545,103	8.3	56.1	35.6
Richmond	1919	66	58	20	4,938	183	4,711	44	3.7	95.4	0.9	22,893,643	1,856,442	20,743,743	293,458	8.1	90.6	1.3
	1914	53	51	14	3,662	151	3,417	94	4.1	93.3	2.6	10,251,815	587,763	9,222,421	441,631	5.7	90.0	4.3
South Bend	1919	92	95	27	14,792	565	14,016	211	3.8	94.8	1.4	75,339,165	2,885,158	71,138,742	1,315,265	3.8	94.4	1.7
	1914	121	99	30	12,203	532	11,505	166	4.4	94.3	1.4	31,179,978	1,608,969	28,988,538	582,471	5.2	93.0	1.9
Terre Haute	1919	118	99	40	6,458	325	5,744	389	5.0	88.9	6.0	41,967,818	1,881,706	37,901,886	2,184,226	4.5	90.3	5.2
	1914	70	77	24	5,270	228	4,837	205	4.3	91.8	3.9	25,698,719	677,568	24,253,629	767,522	2.6	94.4	3.0
Vincennes	1919	54	32	12	1,191	144	983	64	12.1	82.5	5.4	7,582,072	807,098	5,724,761	1,050,213	10.6	75.5	13.9
	1914	38	23	10	962	109	741	112	11.3	77.0	11.6	5,232,941	354,465	3,989,632	888,844	6.8	76.2	17.0

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.		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	.....	29	.....	18	.....	10	.....	1	.....	.....	.....
	1914	.....	27	.....	21	.....	5	.....	1	.....	.....	.....
	1909	.....	24	.....	19	.....	4	.....	1	.....	.....	.....
Population [2]	1920	2,930,390	1,106,302	37.8	288,135	9.8	503,973	17.2	314,194	10.7	1,824,088	62.2
	1915	2,779,467	918,279	33.0	360,451	13.0	298,008	10.7	259,820	9.3	1,861,188	67.0
	1910	2,700,876	802,265	29.7	323,194	12.0	245,421	9.1	233,650	8.6	1,898,611	70.3
Number of establishments	1919	7,916	3,678	46.5	1,040	13.1	1,634	20.6	1,004	12.7	4,238	53.5
	1914	8,022	3,386	42.2	1,475	18.4	1,025	12.8	886	11.0	4,636	57.8
	1909	7,969	2,970	37.3	1,208	15.2	909	11.4	853	10.7	4,999	62.7
Average number of wage earners	1919	277,580	185,790	66.9	44,519	16.0	91,204	32.9	49,977	18.0	91,790	33.1
	1914	197,503	126,036	63.8	48,616	24.6	46,449	23.5	30,971	15.7	71,467	36.2
	1909	186,984	114,036	61.0	47,042	25.2	35,258	18.9	31,736	17.0	72,948	39.0
Value of products	1919	$1,898,753,387	$1,186,082,950	62.5	$240,611,819	12.7	$546,804,578	28.8	$398,666,553	21.0	$712,670,437	37.5
	1914	730,795,021	456,325,297	62.4	156,491,455	21.4	160,133,826	21.9	139,700,016	19.1	274,469,724	37.6
	1909	579,075,046	363,570,679	62.8	141,957,001	24.5	95,300,199	16.5	126,313,479	21.8	215,504,367	37.2
Value added by manufacture	1919	723,802,819	451,053,011	62.3	98,493,174	13.6	220,647,622	30.5	131,912,215	18.2	272,749,808	37.7
	1914	306,937,864	194,621,426	63.4	70,745,780	23.0	75,239,594	24.5	48,636,052	15.8	112,316,438	36.6
	1909	244,700,293	151,011,436	61.7	60,825,552	24.9	47,909,663	19.6	42,276,221	17.3	93,688,857	38.3

[1] Includes Gary and Whiting, to avoid disclosure of individual operations.
[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. 1, 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.[1]	
			Amount.	Per cent.
EVANSVILLE.				
Flour-mill and gristmill products	$10,514,518	14.0	$7,001,578	199.3
Furniture	8,605,189	16.4	5,230,535	155.0
Tobacco, cigars	6,267,501	62.3	3,880,690	162.6
Stoves and ranges	1,540,177	19.8	962,250	166.5
Agricultural implements	1,520,534	4.8	804,554	112.4
Bread and other bakery products	1,136,527	3.8	684,292	151.3
Carriage and wagon materials	1,115,037	31.7	(2)	(2)
Clothing, men's and youths'	930,993	6.2	611,160	191.3
Printing and publishing, newspapers and periodicals	789,802	4.1	379,814	92.6
Lumber, planing-mill products, not including planing mills connected with sawmills	739,412	5.2	(2)	(2)
Automobile bodies and parts				
Brooms, from broom corn				
Butter				
Carriages and wagons, including repairs				
Cars and general shop construction and repairs by steam-railroad companies				
Cotton goods				
Electrical machinery, apparatus, and supplies				
Engines, steam, gas, and water				
Food preparations, not elsewhere specified	(2)	(2)	(2)	(2)
Glass				
Liquors, malt				
Mattresses and spring beds, not elsewhere specified				
Pickles and sauces				
Plumbers' supplies, not elsewhere specified				
Pottery, chinaware				
Slaughtering and meat packing				
Structural ironwork, not made in steel works or rolling mills				
FORT WAYNE.				
Foundry and machine-shop products	3,963,115	4.6	−2,155,876	−35.2
Bread and other bakery products	8,862,040	12.9	2,500,886	183.7
Patent medicines and compounds	933,599	20.8	510,150	120.5
Confectionery and ice cream	896,256	8.0	(2)	(2)
Printing and publishing, book and job	868,875	8.1	390,468	81.6
Clothing, women's	803,409	23.6	(2)	(2)
Lumber and timber products	523,806	2.9	243,666	87.0
Lumber, planing-mill products, not including planing mills connected with sawmills	505,428	3.6	46,042	10.0
Boxes, paper and other, not elsewhere specified				
Butter				
Cars and general shop construction and repairs by steam-railroad companies				
Electrical machinery, apparatus, and supplies				
Flour-mill and gristmill products				
Gas, illuminating and heating				
Gas machines				
Gloves and mittens, cloth, not including gloves made in textile mills	(2)	(2)	(2)	(2)
Iron and steel, steel works and rolling mills				
Knit goods				
Liquors, malt				
Musical instruments, pianos				
Printing and publishing, newspapers and periodicals				
Pumps, not including power pumps				
Pumps, steam				
Slaughtering and meat packing				
Soap				
Washing machines and clothes wringers				
INDIANAPOLIS.				
Slaughtering and meat packing	104,805,746	78.2	67,025,707	177.4
Automobiles	59,736,346	55.6	47,867,323	403.3
Foundry and machine-shop products [3]	24,242,163	27.8	15,489,845	177.0
Flour-mill and gristmill products	14,573,978	19.4	6,602,649	82.8
Automobile bodies and parts	13,563,146	18.9	12,739,072	1,545.9
Electrical machinery, apparatus, and supplies	8,591,162	20.7	7,698,386	862.3
Bread and other bakery products	7,713,218	25.7	4,485,707	139.0
Cars and general shop construction and repairs by steam-railroad companies	6,838,631	11.2	5,097,603	202.8
INDIANAPOLIS—Continued.				
Clothing, men's	$6,780,311	45.2	$3,928,047	137.7
Printing and publishing, newspapers and periodicals	6,332,766	33.0	2,895,585	84.2
Furniture	6,155,938	11.8	2,713,197	78.8
Printing and publishing, book and job	5,238,539	48.8	2,252,174	75.4
Confectionery and ice cream	4,716,443	42.1	(2)	(2)
Butter	4,133,326	14.8	(2)	(2)
Lumber and timber products	2,423,174	13.6	1,485,511	158.4
Coffee, roasting and grinding	2,096,672	56.5	1,037,845	98.0
Bags, other than paper, not including bags made in textile mills				
Canning and preserving, fruits and vegetables				
Cotton goods				
Druggists' preparations				
Engines, steam, gas, and water				
Gas, illuminating and heating	(2)	(2)	(2)	(2)
Glucose and starch				
Iron and steel forgings, not made in steel works or rolling mills				
Rubber tires, tubes, and rubber goods, not elsewhere specified				
Saws				
Tinware, not elsewhere specified				
SOUTH BEND.				
Foundry and machine-shop products	1,264,228	1.5	547,143	76.3
Confectionery and ice cream	1,145,403	10.2	(2)	(2)
Bread and other bakery products	968,647	3.2	556,522	135.0
Printing and publishing, newspapers and periodicals	767,800	4.0	310,677	68.0
Lumber, planing-mill products, not including planing mills connected with sawmills	764,107	5.4	297,155	63.6
Furniture, wood, other than rattan and willow	647,781	1.2	(2)	(2)
Printing and publishing, book and job	572,174	5.3	262,619	84.8
Tobacco, cigars	523,357	5.2	103,263	24.6
Agricultural implements				
Automobile bodies and parts				
Butter				
Clothing, men's				
Electrical machinery, apparatus, and supplies				
Gas, illuminating and heating				
Knit goods				
Machine tools				
Roofing materials	(2)	(2)	(2)	(2)
Rubber tires, tubes, and rubber goods, not elsewhere specified				
Sewing-machine cases				
Shirts				
Stoves and ranges				
Toys and games				
Varnishes				
Watches				
Woolen goods				
TERRE HAUTE.				
Bread and other bakery products	2,029,958	6.8	1,149,377	130.5
Foundry and machine-shop products	1,862,513	2.2	837,905	81.8
Butter	1,371,573	4.9	(2)	(2)
Clothing, men's and youths'	1,351,979	9.0	318,108	30.8
Printing and publishing, newspapers and periodicals	856,533	4.5	438,420	104.9
Copper, tin, and sheet-iron work	748,745	16.3	(2)	(2)
Confectionery and ice cream	748,056	6.7	356,805	91.2
Carriage and wagon materials				
Cars and general shop construction and repairs by steam-railroad companies				
Cars, steam-railroad, not including operations of railroad companies				
Coffee, roasting and grinding				
Flour-mill and gristmill products	(2)	(2)	(2)	(2)
Iron and steel, steel works and rolling mills				
Paper and wood pulp				
Patent medicines and compounds				
Pickles, preserves, and sauces				
Slaughtering and meat packing				

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

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	41,162	22,717	12,399	1,095,912	709,703	633,377	100.0	100.0	100.0
Owned	4,770	5,782	6,630	720,879	507,100	566,125	65.8	71.5	89.4
Steam [1]	3,609	4,468	5,197	521,446	430,504	449,127	47.6	60.7	70.9
Engines	3,402	(2)	(2)	367,321	(2)	(2)	33.5	(2)	(2)
Turbines	207	(2)	(2)	154,125	(2)	(2)	14.1	(2)	(2)
Internal-combustion engines	1,003	1,132	1,195	189,271	66,691	109,105	17.3	9.4	17.2
Water	158	182	238	10,162	9,905	7,893	0.9	1.4	1.3
Water wheels and turbines	153	158	212	9,204	8,363	7,446	0.8	1.2	1.2
Water motors	5	24	26	958	1,542	447	0.1	0.2	0.1
Rented	36,392	16,935	5,769	375,033	202,603	67,252	34.2	28.5	10.6
Electric	36,392	16,935	5,769	373,689	200,882	65,548	34.1	28.3	10.3
Other	.....	.....	.....	1,344	1,721	1,704	0.1	0.2	0.3
Electric	52,973	27,489	11,916	652,754	450,357	233,193	100.0	100.0	100.0
Rented	36,392	16,935	5,769	373,689	200,882	65,548	57.2	44.6	28.1
Generated by establishments reporting	16,581	10,554	6,147	279,065	249,475	167,645	42.8	55.4	71.9

[1] Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power.

[2] Not reported separately.

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	31,099	13,577,580	2,693,061	2,721,596	69,225	2,308,679
1914	16,761	10,274,828	1,172,542	772,316	(1)	1,489,430
Per cent of increase	85.5	32.1	129.7	261.4	.....	55.0
Agricultural implements	34	56,328	15,526	63,664	9,429	1,616
Automobile bodies and parts	32	131,930	1,137	156,206	9,914	82,786
Automobiles	100	73,285	6,371	12,571	13,503	620,403
Bread and other bakery products	2,038	21,352	23,679	1,502	3,054	107,659
Brick and tile, terra-cotta, and fire-clay products	.....	506,237	1,002	6,036	583	7,600
Cars and general shop construction and repairs by steam-railroad companies	936	447,922	5,824	45,327	751	206
Cars, steam-railroad, not including operations of railroad companies	.....	153,949	12,406	135,204	682	1,894
Cement	.....	523,653	275	.....	.....	.....
Coke, not including gas-house coke	.....	4,586,029	8,979	.....	.....	.....
Electrical machinery, apparatus, and supplies	1,139	53,412	528	7,173	369	116,249
Flour-mill and gristmill products	132	150,958	1,733	3,154	1,956	16,445
Foundry and machine-shop products	390	182,245	56,397	38,688	5,150	56,622
Furniture	589	103,143	311	363	519	1,568
Gas, illuminating and heating	2,097	830,850	48,769	182,348	240	234,574
Glass	698	523,726	2,486	217,323	49	457,551
Ice, manufactured	.....	201,988	.....	211	103	.....
Iron and steel, steel works and rolling mills	475	1,753,150	17,608	787,265	921	28,634
Iron and steel forgings, not made in steel works or rolling mills	.....	37,145	915	105,119	112	4,000
Paper and wood pulp	2,295	341,971	476	.....	5	.....
Petroleum, refining	.....	1,082,882	8,027	802,311	.....	114
Printing and publishing, newspapers and periodicals	206	8,482	109	324	680	43,988
Rubber tires, tubes, and rubber goods, not elsewhere specified	150	84,849	75	.....	6,000	.....
Slaughtering and meat packing	.....	178,222	.....	.....	128	21,542
Smelting and refining, lead	.....	17,560	2,691	20,830	80	1,869
Smelting and refining, zinc	5,824	62,499	2,038	.....	.....	.....
Smelting and refining, not from the ore	8,989	3,974	1,830	3,366	.....	.....
Structural ironwork, not made in steel works or rolling mills	54	46,094	2,598	34,738	52	4,509
All other industries	4,321	1,413,745	2,471,271	97,873	14,945	498,850
Total for cities [2]	17,927	4,520,129	368,309	1,166,586	50,081	1,544,027
ANDERSON	710	162,058	5,912	3,756	690	109,523
BLOOMINGTON	.....	13,329	1,180	3,083	1	734
CLINTON	.....	14,580	156	52	49	.....
CRAWFORDSVILLE	19	29,683	740	.....	17	1,202
EAST CHICAGO	9,319	831,013	194,467	148,377	1,425	20,994
ELKHART	1,405	83,573	2,761	5,593	479	13,681
ELWOOD	.....	107,644	378	704	3	38,449
EVANSVILLE	715	216,530	11,733	3,742	228	68,342
FORT WAYNE	1,691	200,196	20,057	59,945	734	109,167
FRANKFORT	714	11,966	1,505	6,510	141	2,480
HAMMOND	49	98,306	9,935	118,408	279	4,016
HUNTINGTON	5	17,822	1,291	2,321	11	2,837
INDIANAPOLIS	1,517	1,329,431	25,928	108,675	12,417	248,844
JEFFERSONVILLE	.....	29,612	655	19,624	107	372
KOKOMO	802	241,281	11,026	154,806	3,553	64,292
LA PORTE	20	45,996	4,631	9,742	6,982	5,782
LAFAYETTE	26	71,840	965	7,816	278	2,182
LOGANSPORT	.....	58,886	988	3,945	178	1,308
MARION	49	149,320	7,157	36,197	87	212,741
MICHIGAN CITY	3	74,995	11,459	39,211	30	6,714

[1] Included in figures for fuel oils

[2] Excludes Gary and Whiting, to avoid disclosure of individual operations.

TABLE 18.—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).				
MISHAWAKA	47	72,635	5,044	1,617	331	251
MUNCIE	156	113,761	5,734	179,978	3,010	501,977
NEW ALBANY	10	22,697	731	405	55	1,382
NEW CASTLE	.....	48,824	550	107,179	6,977	12,418
PERU	127	12,512	142	536	263	575
RICHMOND	48	44,558	5,914	1,986	2,251	57,512
SOUTH BEND	276	135,608	24,988	129,310	8,617	22,151
TERRE HAUTE	14	200,478	6,280	13,027	865	30,242
VINCENNES	205	80,995	6,002	41	23	3,859

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 11 of these industries in Indiana are here presented.

Iron and steel, blast furnaces and steel works and rolling mills.—The pig-iron furnaces of the state are operated in connection with steel furnaces, and over 95 per cent of the pig iron consumed by the steel furnaces was produced in the blast-furnace department of the same industrial plant.

Blast furnaces only (Table 19).—This table shows the statistics for the pig-iron industry of the state in 1919, which was represented by three establishments. At prior censuses it was not reported separately. The state ranked fifth among the states in the industry.

TABLE 19.—BLAST FURNACES, PIG-IRON INDUSTRY: 1919.

	Quantity.	Amount.
Materials, total cost	.....	$40,022,880
Iron ore ... gross tons	4,156,579	20,001,389
Scrap, and mill cinder ... gross tons	285,295	1,155,397
Fluxing material ... net tons	922,106	948,774
Fuel for smelting, coke ... net tons	2,366,334	16,101,338
All other materials, including fuel for power	.....	1,815,982
Products, total value	.....	52,533,807
Pig iron ... gross tons	2,292,562	51,591,467
Basic ... gross tons	2,095,431	.....
Other grades ... gross tons	197,131	.....
Delivered in molten condition ... gross tons	1,796,527	.....
Machine cast, etc. ... gross tons	496,035	.....
All other products	.....	942,340

Steel works and rolling mills (Table 20).—This table shows the principal statistics concerning materials and products for 1919, in comparison with 1914 and 1909.

The leading rolled products in 1919 in order of tonnage were (1) plates and sheets; (2) bars, steel and iron; (3) rails; and (4) structural shapes.

The state ranked third in this industry in 1919, being exceeded only by Pennsylvania and Ohio; fourth in 1914 and fifth in 1909.

TABLE 20.—STEEL WORKS AND ROLLING MILLS: 1919, 1914, AND 1909.

	1919	1914	1909
Number of establishments	23	19	17
Materials, total cost	$113,194,279	$37,056,547	$26,098,759
Pig iron and ferroalloys:			
Tons (gross)	2,144,846	1,091,632	448,786
Cost	$50,667,142	$14,428,504	$7,154,672
Scrap, purchased:			
Tons (gross)	554,561	516,078	478,094
Cost	$10,148,850	$5,684,070	$6,212,888
Steel, crude, and semifinished:			
Tons (gross)	654,313	454,631	271,716
Cost	$26,896,038	$7,553,200	$6,648,236
All other materials, including fuel and rent of power, cost	$25,481,349	$9,390,773	$6,082,963
Products, total value	$199,273,518	$58,882,522	$38,651,848
Rolled, forged, and other classified steel and iron products:			
Tons (gross)	3,076,015	1,854,050	1,110,498
Value	$192,301,897	$54,024,126	$35,525,349
All other products, including value added to rolling-mill products by further manufacture, value	$6,971,621	$4,858,396	$3,126,499

Slaughtering and meat packing (Table 21).—In this table statistics for the slaughtering and meat-packing industry are presented for the census years 1919, 1914, and 1909, giving the number and cost of the most important classes of animals slaughtered; the cost of all other materials, which includes that for goats and kids, poultry, dressed meat purchased for curing and canning, cottonseed oil for making lard compounds and substitutes, butter and whole milk for making oleomargarine, materials for making ice, refrigeration, curing materials, seasoning, containers, 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 value of minor and auxiliary products is shown under "All other products" and includes beef, pickled and other cured; canned meat; canned sausage; lard and oleo oil; oleo stock; oleo and lard stearin; oleomargarine; hoofs, horns, horntips, strips, and waste; skins other than cattle, calf, and sheep; ice; and serum.

The production increase, which is indicated by the number of animals slaughtered in 1919 and 1914, was

296,221. The only class which decreased in number was sheep and lambs.

The cost of animals slaughtered in this period increased $62,155,574, or 144.5 per cent; that for "All other materials" $13,272,009, or 409.8 per cent. The very large increase in this item was largely due to the increase in cost of dressed meat purchased for curing and canning.

TABLE 21.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$121,689,694	$46,262,111	$41,939,279
Animals slaughtered, cost	$105,178,453	$43,022,879	$36,871,202
Beeves—			
Number	271,004	200,180	252,607
Cost	$22,844,736	$12,432,732	$10,702,274
Calves—			
Number	65,557	61,500	60,578
Cost	$1,427,568	$767,011	$615,667
Sheep and lambs—			
Number	24,572	66,689	58,435
Cost	$249,854	$361,458	$276,043
Hogs—			
Number	2,104 268	1,840,811	1,751,454
Cost	$80,656,295	$29,461,678	$25,277,218
Al other materials, cost	$16,511,241	$3,239,232	$5,068,077
PRODUCTS.			
Total value	$134,028,726	$51,021,537	$47,230,243
Fresh meat, value	$47,916,992	$23,328,661	$19,852,261
Beef—			
Pounds	101,505,575	91,435,251	119,685,578
Value	$18,514,791	$10,532,894	$9,530,214
Veal—			
Pounds	6,004,165	5,345,353	5,505,181
Value	$1,299,709	$731,375	$603,540
Mutton and lamb—			
Pounds	953,588	2,634,954	2,310,824
Value	$210,141	$342,778	$230,509
Pork—			
Pounds	98,772,828	93,434,549	79,377,563
Value	$26,257,682	$11,549,830	$8,974,150
Edible offal and other fresh meat—			
Pounds	13,132,313	2,940,805	207,516
Value	$1,634,669	$171,784	$13,848
Pork, pickled and other cured:			
Pounds	163,511,706	124,924,957	148,474,672
Value	$49,810,459	$15,495,892	$17,242,240
Sausage:			
Pounds	17,662,551	15,895,177	15,754,885
Value	$3,655,176	$1,915,995	$1,602,914
Lard:			
Pounds	51,452,324	46,374,440	46,901,294
Value	$15,241,920	$4,902,438	$4,943,363
Lard compounds and substitutes:			
Pounds	1,803,269	(1)	(2)
Value	$454,955	(1)	(2)
Tallow:			
Pounds	4,597,957	5,616,093	5,320,977
Value	$627,389	$425,818	$472,624
Grease and soap stock:			
Pounds	4,926,368	(1)	(2)
Value	$623,325	(1)	(2)
Casings:			
Pounds	2,483,121	633,157	(2)
Value	$404,856	$129,462	(2)
Fertilizers and fertilizer materials:			
Tons	8,487	8,501	7,389
Value	$575,140	$204,707	$166,316
Hides and pelts:			
Cattle—			
Number	271,004	200,180	
Pounds	13,178,091	10,306,224	
Value	$4,480,104	$1,834,156	302,076
Calf—			14,209,481
Number	58,039	56,850	$1,847,702
Pounds	510,433	699,842	
Value	$275,741	$138,978	
Sheep—			
Number	24,333	66,541	58,367
Value	$59,363	$72,017	$71,092
Hair, hog and cattle:			
Pounds	1,402,207	(2)	(2)
Value	$70,396	(2)	(2)
All other products, value	$9,832,910	$2,573,413	$1,537,731

[1] Included in "All other products," to avoid disclosure of individual operations.
[2] Not reported separately.

The total value of products increased 162.7 per cent in 1919 as compared with 1914, while the production of fresh and cured meat, including canned meat and sausage, increased only 19.3 per cent.

This state ranked ninth in 1919 in value of products in the slaughtering and meat-packing industry in the United States.

Automobiles, including bodies and parts (Table 22).—This table shows the number and value of the several classes of automobiles manufactured, as reported at the censuses of 1919, 1914, and 1909. During the five-year period 1914–1919, there was an increase of $149,675,775, or 509.3 per cent, in the total value of products. The number of pleasure vehicles increased 47,434, or 316.9 per cent, and their value $58,304,295, or 297.6 per cent. Business vehicles increased in number by 3,280, or 683.3 per cent, and in value $5,810,320, or 677.9 per cent. The value of products, other than complete machines, consisting largely of bodies and parts and of repair work, increased $85,561,160, or 957.1 per cent.

TABLE 22.—AUTOMOBILES, INCLUDING BODIES AND PARTS: 1919, 1914, AND 1909.

PRODUCT.	1919		1914		1909	
	Number.	Value.	Number.	Value.	Number.	Value.
Total value	.....	$179,064,863	.....	$29,389,088	.....	$23,764,070
Automobiles, total [1]	66,162	84,564,021	15,448	20,449,406	17,253	17,604,936
Pleasure vehicles	62,402	77,896,611	14,968	19,592,316	17,081	17,210,854
Touring cars	49,740	60,976,271	13,034	16,574,132	6,838	10,710,289
Closed cars	6,325	9,728,908	503	1,071,392	439	772,401
Roadsters, runabouts, and all others	6,337	7,191,432	1,431	1,946,792	9,804	5,728,164
Business vehicles	3,760	6,667,410	480	857,090	172	394,082
All other products, including bodies and parts, and repairs	.....	94,500,842	.....	8,939,682	.....	6,159,134

[1] In addition, 306 automobiles valued at $89,841 in 1919 and 225 automobiles valued at $119,525 in 1909, were reported by establishments engaged primarily in the manufacture of products other than automobiles.

Flour-mill and gristmill products (Table 23).—This table shows the kinds, quantities, and values of the different grains ground in these mills during 1919, 1914, and 1909.

TABLE 23.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$75,111,435	$37,488,223	$40,541,422
Wheat flour:			
Barrels	4,305,436	4,526,879	4,794,847
Value	$47,088,134	$21,183,088	$25,315,071
Rye flour:			
Barrels	30,698	6,414	1,770
Value	$336,026	$30,385	$7,027
Corn meal and corn flour:			
Barrels	512,179	984,239	855,409
Value	$4,451,959	$3,030,308	$2,483,265
Buckwheat flour:			
Pounds	757,616	818,423	1,446,534
Value	$50,829	$25,175	$36,480
Bran and middlings:			
Tons	165,615	167,460	
Value	$7,995,893	$3,730,324	388,022
Feed and offal:			$8,840,647
Tons	179,555	170,167	
Value	$10,602,954	$4,682,497	
Hominy and grits:			
Pounds	93,956,630	292,131,101	256,678,796
Value	$3,222,770	$4,620,892	$3,758,367
All other cereal products, value	$947,855	$18,995	$1,048
All other products, value	$415,015	$165,959	$98,917

Wheat flour was the product of chief value in 1919 as it was in 1914, forming 62.7 per cent and 56.5 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 $37,623,212, or 100.4 per cent, during the five-year period. As illustrative of the high prices of commodities in 1919, as compared with 1914, the quantity of wheat flour decreased 221,443 barrels, or 4.9 per cent, while the value showed an increase of $25,904,446, or 122.3 per cent.

Agricultural implements (Table 24).—This table shows the value of the principal groups of agricultural implements manufactured in the state during the years 1919, 1914, 1909, and 1904.

Indiana ranked third in 1919 and fifth in 1914 in the manufacture of agricultural implements in the United States. The total value of products of this industry increased $19,032,272, or 148.8 per cent, for the five-year period 1914–1919. All classes of implements show an increase in value of products from 1914 to 1919, excepting harvesting implements, which show a slight decrease. Plows and cultivators constitute the principal class shown separately at each census. Planters and seeders and seed separators are combined for each census, not only for comparative purposes, but also to avoid the possibility of disclosing the operations of individual establishments.

TABLE 24.—AGRICULTURAL IMPLEMENTS: 1919, 1914, 1909, AND 1904.

	1919	1914	1909	1904
Total value	$31,823,733	$12,791,461	$13,669,824	$8,060,575
Plows and cultivators	12,415,810	4,447,550	4,606,748	3,346,605
Planters and seeders and seed separators	6,382,827	3,150,422	4,248,552	1,412,622
Harvesting implements	295,430	382,940	154,878	138,533
All other agricultural implements, including parts	5,412,518	2,732,278	4,659,646	3,162,725
All other products, including repair work	7,317,148	2,078,271		

Glass (Table 25).—This table shows the value of the different classes of glass products for the years 1919, 1914, and 1909.

Bottles and jars was the product of chief value in 1919 as in 1914, forming 59.9 per cent and 61.5 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 $15,225,280, or 102.3 per cent.

TABLE 25.—GLASS: 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$30,106,652	$14,881,372	$11,593,094
Building glass	5,485,490	2,356,946	1,616,092
Pressed and blown glass	6,656,007	2,920,296	2,774,128
Bottles and jars	17,126,052	9,155,103	6,982,378
All other products	839,103	442,967	220,496

Butter, cheese, and condensed milk (Table 26).—This table shows the quantities and values of the various products of the butter, cheese, and condensed-milk industry in Indiana for 1919, 1914, and 1909.

Butter was the product of chief value in 1919 as in 1914, forming 72.8 per cent and 81.2 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 $23,717,094, or 268.8 per cent, in 1919 as compared with 1914.

TABLE 26.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

	1919[1]	1914	1909
Total value	$32,541,336	$8,824,242	$3,958,600
Butter:			
Pounds	42,186,894	25,637,452	11,712,450
Value	$23,675,474	$7,168,947	$3,301,014
Packed solid—			
Pounds	24,567,204	14,549,112	8,170,531
Value	$13,584,345	$3,937,543	$2,279,029
Prints or rolls—			
Pounds	17,619,690	11,088,340	3,541,919
Value	$10,091,129	$3,231,404	$1,021,985
Cheese:			
Pounds	269,094	354,792	424,597
Value	$63,108	$29,227	$61,503
Condensed and evaporated milk:			
Pounds	32,470,141	.....	.....
Value	$3,608,035	(2)	(2)
Cream sold:			
Pounds	5,815,114	2,456,812	968,026
Value	$1,060,802	$256,634	$94,916
All other butter, cheese, and condensed-milk factory products, value	$2,527,640	$1,320,488	$377,109
All other products, value	$1,606,277	$48,951	$124,058

[1] In addition, in 1919, butter valued at $10,022 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 (Table 27).—This table gives the number and aggregate circulation per issue of all newspapers and periodicals reported as published in Indiana in the census years 1919, 1914, and 1909.

Although the total number of publications decreased in Indiana in 1919, the aggregate circulation per issue increased 1,040,991, or 23.3 per cent, during the five-year period from 1914 to 1919, and 2,645,553, or 92.6 per cent, during the decade.

The decrease shown in number of dailies is greater for the later than for the earlier five-year period. The daily circulation increased 132,518, or 17 per cent, from 1914 to 1919, and 284,362, or 45.5 per cent, for the decade.

TABLE 27.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	668	775	799	5,501,726	4,460,735	2,856,173
Daily	138	160	172	909,953	777,435	625,591
Sunday	18	18	20	276,880	254,126	206,176
Semiweekly[1]	13	29	30	22,571	40,176	51,978
Weekly	407	485	517	1,495,279	1,291,735	781,866
Monthly[2]	75	66	56	2,642,528	1,973,186	1,170,312
Quarterly[3]	12	17	4	154,515	124,077	20,250

[1] Includes in 1919, 1 triweekly; in 1914, 2 triweeklies, and in 1909, 1 triweekly.
[2] Includes in 1919, 7 semimonthlies; in 1914 and 1909, 4 semimonthlies.
[3] Includes in 1914, 4 bimonthlies, and in 1909, 1 bimonthly.

Of the dailies reported for 1919, those published in the afternoon numbered 107 with a circulation of 597,614, which is 65.7 per cent of the total daily circulation, and an increase of 80,049, or 15.5 per cent, over the figures for 1914.

In 1919 the foreign-language publications numbered 13. Of these, 7 were German; 2 were German and English; 1 was in English, Italian, and Slovak; 1 was Hungarian; and 2 were in Polish. Of the German publications, 1 was an afternoon daily, 2 were weeklies, 2 were monthlies, 1 was a semimonthly, and 1 was a quarterly.

Canning and preserving (Table 28).—The quantities and values of the various products of this industry, for 1919, 1914, and 1909, are shown in this table. The case, which is used as the unit for measuring the quantities of canned products, consists of 24 No. 2 size cans for beans, corn, and peas, and 24 No. 3 standard size cans for hominy, kraut, pumpkin, tomatoes, and other unspecified products.

TABLE 28.—CANNING AND PRESERVING: 1919, 1914, AND 1909.

	1919	1914	1909
Total value	[1] $27,823,348	[1] $13,866,383	[1] $8,758,343
Canned fruits and vegetables	$16,582,957	$8,095,569	$6,199,194
Pickles, preserves, and sauces	$8,924,581	$5,490,134	$2,026,909
Canned vegetables, value	$14,399,261	$8,095,569	$6,199,194
Beans—			
Cases	2,372,485	1,570,150	822,508
Value	$6,202,327	$2,275,118	$2,116,648
Tomatoes—			
Cases	902,852	1,165,967	916,755
Value	$2,431,166	$1,800,102	$1,469,219
Tomato pulp—			
Cases	258,799	(2)	(2)
Value	$1,675,834	(2)	(2)
Corn—			
Cases	595,136	668,443	520,401
Value	$1,493,994	$943,641	$679,446
Peas—			
Cases	357,686	434,411	521,764
Value	$923,253	$620,357	$753,527
Hominy—			
Cases	368,758	456,591	(2)
Value	$806,848	$452,927	(2)
Tomato paste—			
Cases	33,332	(2)	(2)
Value	$358,592	(2)	(2)
Pumpkin—			
Cases	109,004	294,881	119,965
Value	$230,721	$342,929	$139,738
Kraut—			
Cases	87,219	359,202	(2)
Value	$201,236	$433,286	(2)
All other—			
Cases	23,941	813,847	869,109
Value	$75,290	$1,227,209	$1,040,616
Canned fruit:			
Cases	867,159	(2)	(2)
Value	$2,183,606	(2)	(2)
Blackberries—			
Cases	12,044	(2)	(2)
Value	$28,228	(2)	(2)
All other—			
Cases	855,115	(2)	(2)
Value	$2,155,468	(2)	(2)
Pickles, preserves, and sauces, value	$8,924,581	$5,490,134	$2,026,909
All other products, value	$2,315,810	$280,680	$532,240

[1] Does not include 616,562 cases of canned vegetables and soups, valued at $1,603,116, and of pickles, preserves, and sauces, valued at $99,572 in 1919; 399,378 cases of canned vegetables and soups, valued at $619,971, and of pickles, preserves, and sauces, valued at $60,927 in 1914; and of pickles, preserves, and sauces, valued at $75,755 in 1909; reported by establishments classified as engaged in other industries.
[2] Reported in "All other products" in 1914 and 1909.

Canned vegetables was the product of chief value in 1919 as in 1914, forming 51.7 per cent and 58.4 per cent, respectively, of the total value of products of the industry in the state. Measured by value, the most important products in 1919 were canned beans and canned tomatoes, forming 43.1 per cent and 16.9 per cent, respectively, of the total for vegetables. The total value of the industry increased $13,956,965, or 100.7 per cent, during the five-year period 1914–1919.

Lumber and timber products (Table 29).—This table presents statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. The production of lumber has been decreasing in Indiana for a number of years, the decrease since 1909 being 273,931,000 feet, or 49.2 per cent. The output of lath and shingles decreased in even greater proportions. In 1919 this state led in the production of beech lumber, producing 15.9 per cent of the total cut from this wood in the United States. Practically the entire output in 1919 was from hardwoods.

The lumber cut from the principal species in 1919 was reported as follows: Oak, 109,583,000 feet, or 38.8 per cent of the total cut from all species in the state; beech, 57,107,000 feet, or 20.2 per cent; maple, 33,396,000 feet, or 11.8 per cent; elm, 20,833,000 feet, or 7.4 per cent; and ash, 14,619,000 feet, or 5.2 per cent. Among other woods sawed into lumber in considerable quantities were hickory, yellow poplar, gum, walnut, sycamore, basswood, and cottonwood.

TABLE 29.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY [1].		
	1919	1914	1909
Lumber ... M feet b. m.	282,487	298,571	556,418
Lath ... thousands	155	(2)	3,600
Shingles ... thousands	420	(2)	7,340

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

Laundries (Table 30).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 30, however, summarizes the statistics for such laundries in the state for 1919 and 1914.

TABLE 30.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919
	1919	1914	
Number of establishments	158	174	−9.2
Persons engaged	4,328	4,307	0.5
Proprietors and firm members	153	170	−10.0
Salaried employees	607	387	56.8
Wage earners (average number)	3,568	3,750	−4.9
Primary horsepower	5,200	4,739	11.0
Capital	$3,029,011	$2,295,353	58.1
Salaries and wages	2,643,921	1,903,576	38.9
Salaries	536,857	382,896	40.2
Wages	2,107,064	1,520,680	38.6
Paid for contract work	24,495	10,416	135.2
Rent and taxes	136,675	116,580	17.2
Cost of materials	1,556,505	709,337	119.4
Amount received for work done	5,588,748	3,697,112	51.2

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

Dyeing and cleaning (Table 31).—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 31.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	101
Persons engaged	825
Proprietors and firm members	106
Salaried employees	120
Wage earners (average number)	599
Primary horsepower	1,024
Capital	$790,474
Salaries and wages	653,231
Salaries	138,315
Wages	514,916
Paid for contract work	8,958
Rent and taxes	63,849
Cost of materials	390,055
Amount received for work done	1,588,752

Custom sawmills and custom gristmills (Tables 32 and 33).—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 32 and 33, 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 all grain ground.

TABLE 32.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	227	204	11.3
Persons engaged	403	594	−32.2
Proprietors and firm members	277	269	3.0
Salaried employees	1	.....	.....
Wage earners (average number)	125	325	−61.5
Primary horsepower	5,293	4,298	23.2
Capital	$333,795	$237,931	40.3
Salaries and wages	82,521	77,588	6.4
Salaries	150	.....	.....
Wages	82,371	77,588	6.2
Rent and taxes	3,700	(2)	.....
Cost of materials	13,411	1,838	629.7
Amount received for work done	230,549	220,437	4.6

[1] A minus sign (−) denotes decrease. [2] Figures not available.

TABLE 33.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	131	175	−25.1
Persons engaged	232	274	−15.3
Proprietors and firm members	130	216	−39.8
Salaried employees	36	5	.....
Wage earners (average number)	66	53	.....
Primary horsepower	4,134	4,556	−9.3
Capital	$1,441,720	$428,879	236.2
Salaries and wages	62,680	22,852	174.3
Salaries	16,754	1,665	906.2
Wages	45,926	21,187	116.8
Rent and taxes	16,230	(2)	.....
Cost of materials [3]	1,515,593	679,818	122.9
Value of products [3]	1,772,733	836,847	111.8

[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 34 gives, for 1919, 1914, and 1909, for selected industries in the state, and in Evansville, Fort Wayne, Indianapolis, South Bend, and Terre Haute, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products; and for 22 other cities of 10,000 inhabitants or more, similar data for all industries combined. Gary and Whiting are omitted to avoid the possibility of disclosing the operations of individual establishments.

Table 35 presents, for 1919, for the state as a whole and for Evansville, Fort Wayne, Indianapolis, South Bend, and Terre Haute, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and for 24 other cities of 10,000 inhabitants or more, similar data for all industries combined. The cities of Gary and Whiting are excluded.

TABLE 34.—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 of dollars.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	7,916	277,580	1,095,912	317,043	1,174,951	1,898,753
	1914	8,022	197,503	709,703	119,258	423,857	730,795
	1909	7,969	186,984	633,377	95,511	334,375	579,075
Agricultural implements	1919	29	5,533	10,864	7,401	12,615	31,824
	1914	33	3,991	10,892	2,556	3,487	12,791
	1909	39	4,749	9,254	2,565	4,864	13,670
Artificial stone products	1919	289	731	1,764	839	1,154	3,086
	1914	335	783	1,308	424	668	1,755
	1909	219	468	495	227	300	851
Automobiles, including bodies and parts.	1919	172	25,773	39,481	29,853	117,767	179,065
	1914	86	7,219	12,137	5,027	18,831	29,389
	1909	67	6,797	5,813	4,131	14,995	23,764
Boots and shoes [1]	1919	5	620	426	464	1,905	2,854
	1914	6	360	423	184	776	1,278
	1909	8	436	393	159	664	978
Boxes, paper and other, not elsewhere specified.	1919	21	1,562	1,541	1,181	4,406	8,406
	1914	17	739	789	322	938	1,705
	1909	13	550	351	179	422	782
Brass, bronze, and copper products.	1919	31	1,271	1,514	1,485	3,234	5,638
	1914	21	562	1,166	421	802	1,561
	1909	21	468	503	202	774	1,379
Bread and other bakery products.	1919	802	3,759	5,703	3,609	19,476	30,020
	1914	825	3,188	3,794	1,936	7,234	12,464
	1909	754	2,505	2,124	1,315	6,226	10,209
Brick and tile, terra-cotta, pottery, and other clay products.[2]	1919	162	4,432	22,111	4,447	4,268	12,646
	1914	231	5,512	29,771	3,262	2,660	8,605
	1909	342	5,974	24,970	3,025	2,165	7,685
Brooms	1919	61	452	541	307	863	1,922
	1914	48	324	290	131	454	750
	1909	44	397	350	151	468	779
Butter and condensed milk [3]	1919	99	1,658	3,904	1,464	27,974	32,518
	1914	120	719	3,007	452	7,431	8,824
	1909	132	488	1,858	262	3,196	3,959
Canning and preserving [4]	1919	166	4,170	9,660	2,795	17,528	27,823
	1914	141	4,422	7,208	1,574	8,818	13,866
	1909	134	3,406	6,398	879	5,945	8,758
Carriages and sleds, children's.	1919	8	918	855	826	1,716	3,650
	1914	5	517	472	277	589	1,239
	1909	8	761	641	264	549	1,140
Carriages and wagons and materials.	1919	100	2,216	6,392	2,063	8,469	12,785
	1914	193	7,306	15,257	4,386	10,725	21,569
	1909	221	8,867	13,790	4,355	12,458	21,655
Cars and general shop construction and repairs by electric-railroad companies.	1919	30	977	2,054	1,005	849	1,961
	1914	32	753	398	482	311	876
	1909	30	713	713	449	561	1,100
Cars and general shop construction and repairs by steam-railroad companies.	1919	77	23,099	30,354	32,393	24,867	61,232
	1914	49	14,398	18,021	10,113	9,382	20,586
	1909	34	12,884	13,550	8,081	7,876	17,128
Cars, steam-railroad, not including operations of railroad companies.	1919	9	6,650	21,325	11,502	66,075	86,021
	1914	10	5,800	13,171	3,981	13,711	21,570
	1909	7	4,084	10,699	1,991	6,309	9,498
Cement	1919	5	1,953	44,315	2,682	5,863	13,363
	1914	7	2,354	43,048	1,355	4,993	10,107
	1909	11	2,318	28,191	1,280	4,159	7,022
Clothing, men's, including shirts.	1919	51	5,471	2,447	3,327	16,155	23,906
	1914	41	5,260	1,377	1,950	5,387	8,857
	1909	42	4,073	784	1,305	4,652	8,029
Clothing, women's	1919	26	1,200	274	662	1,914	3,397
	1914	19	1,015	193	329	766	1,454
	1909	18	1,291	196	449	1,057	2,058
Coffee, roasting and grinding	1919	24	187	595	160	2,796	3,711
	1914	12	111	419	56	1,461	1,790
	1909	9	124	251	48	1,458	1,846
Coffins, burial cases, and undertakers' goods.	1919	22	806	1,404	656	2,063	3,948
	1914	22	633	1,254	317	738	1,539
	1909	19	669	1,249	313	701	1,448
Confectionery and ice cream	1919	235	1,713	4,053	1,237	7,213	11,195
	1914	190	1,263	2,505	555	2,824	4,604
Cooperage and wooden goods, not elsewhere specified.	1919	37	557	1,555	493	1,474	2,544
	1914	44	880	2,114	427	1,453	2,283
	1909	57	891	2,441	382	1,499	2,398
Copper, tin, and sheet-iron work.[5]	1919	179	2,073	2,685	2,123	4,677	9,835
	1914	144	2,185	1,592	1,306	4,802	7,801
	1909	146	2,121	1,637	1,065	3,431	5,763
Cotton goods [6]	1919	4	997	4,550	701	2,490	4,353
	1914	4	961	4,015	365	1,134	1,797
	1909	7	1,582	5,315	478	1,670	2,502
Cutlery and tools, not elsewhere specified.	1919	30	620	1,528	651	866	4,294
	1914	16	493	1,256	268	416	787
	1909	24	572	1,733	305	403	933
Electrical machinery, apparatus, and supplies.	1919	47	11,756	32,611	11,160	20,810	41,594
	1914	41	4,075	6,426	2,423	3,931	8,879
	1909	42	3,073	5,285	1,361	3,693	7,718
Fertilizers	1919	13	328	2,123	306	2,733	4,713
	1914	14	193	1,203	95	747	1,136
	1909	15	123	1,012	62	254	456
Flour-mill and gristmill products.	1919	450	2,280	39,341	2,273	65,740	75,111
	1914	512	2,281	41,350	1,289	32,241	37,488
	1909	563	2,298	38,502	1,216	35,002	40,541
Food preparations, not elsewhere specified.	1919	40	539	2,560	398	7,563	9,318
	1914	37	199	1,341	112	1,924	2,373
	1909	17	185	914	85	613	795
Foundry and machine-shop products.[7]	1919	502	28,143	74,159	33,366	61,066	132,905
	1914	443	16,814	42,866	10,646	21,187	48,423
	1909	415	15,809	29,108	8,857	18,619	39,884
Furniture [8]	1919	177	13,257	27,844	11,252	27,484	52,350
	1914	197	10,803	24,584	5,561	10,879	21,412
	1909	201	11,284	20,449	5,137	8,460	18,456
Gas and electric fixtures and lamps and reflectors.	1919	9	266	989	200	473	873
	1914	13	383	806	226	421	1,002
	1909	12	342	558	152	285	620
Gas, illuminating and heating.	1919	53	1,902	8,378	2,138	6,612	12,454
	1914	60	1,668	3,707	958	2,611	6,398
	1909	53	928	5,845	508	1,102	3,147
Glass	1919	35	9,350	18,977	9,013	13,155	30,107
	1914	41	9,390	16,048	5,735	6,905	14,881
	1909	44	9,544	21,031	4,942	4,728	11,593
Ice, manufactured	1919	107	855	12,075	868	1,413	4,089
	1914	106	926	11,663	553	638	2,029
	1909	85	563	7,726	304	326	1,311
Iron and steel, steel works and rolling mills.	1919	23	22,362	278,832	41,204	113,194	199,274
	1914	19	11,106	88,724	9,620	37,057	58,883
	1909	17	12,255	111,806	8,390	26,099	38,652
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1919	6	1,150	4,117	1,239	3,432	6,296
	1914	5	473	2,242	352	907	1,485
Iron and steel, forgings, not made in steel works or rolling mills.	1919	5	972	2,668	1,374	2,491	6,359
	1914	9	686	3,201	445	1,391	2,109
	1909	8	341	1,461	173	451	794
Knit goods	1919	8	2,675	1,786	2,220	5,615	9,802
	1914	11	2,338	1,985	1,022	2,029	3,748
	1909	5	1,933	1,393	687	915	2,381
Leather goods [9]	1919	128	1,009	1,049	981	3,001	5,169
	1914	162	1,061	1,713	598	2,182	3,521
	1909	118	1,240	3,542	527	2,002	3,406

[1] Includes "boot and shoe cut stock" in 1909.
[2] Includes "sand-lime brick."
[3] Includes "cheese" in 1914 and 1909.
[4] Includes "canning and preserving, fruits and vegetables"; and "pickles, preserves, and sauces."
[5] Includes "stamped and enameled ware" in all years; and "tinware" in 1914 and 1909.
[6] Includes "cotton small wares" in 1909.
[7] Includes "gas machines and gas and water meters"; "hardware"; "hardware saddlery"; "iron and steel, cast-iron pipe"; "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, portable"; "structural ironwork, not made in steel works or rolling mills" and "textile machinery and parts" in all years; "engines, steam, gas, and water"; and "pumps, steam and other," in 1919 and 1914; and "bells" in 1909.
[8] Includes "refrigerators" in 1909.
[9] Includes "saddlery and harness" and "trunks and valises."

TABLE 34.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Contd.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY.	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)
Leather, tanned, curried, and finished.	1919	9	396	1,206	343	3,455	4,730
	1914	10	434	1,127	226	2,326	2,928
	1909	10	398	1,028	205	1,713	2,311
Liquors, malt	1919	13	759	8,388	839	1,725	3,959
	1914	32	2,207	14,688	1,509	3,367	11,936
	1909	37	1,594	11,882	1,019	1,989	8,313
Lumber and timber products.[1]	1919	748	7,381	44,742	6,638	18,840	35,125
	1914	913	7,641	45,253	4,015	11,601	21,034
	1909	1,277	10,317	57,243	4,492	12,382	23,135
Marble and stone work	1919	166	2,004	16,668	2,135	2,529	7,612
	1914	179	3,389	21,953	2,190	2,164	6,657
	1909	200	3,283	17,143	1,943	1,760	5,756
Mattresses and spring beds, not elsewhere specified.	1919	20	493	905	384	1,446	2,487
	1914	24	301	469	149	473	838
	1909	27	553	791	257	691	1,287
Mineral and soda waters	1919	122	423	1,729	407	1,711	3,097
	1914	123	289	516	182	593	1,476
	1909	107	235	361	120	261	659
Musical instruments and materials, not specified.	1919	14	1,337	825	1,229	1,101	3,148
	1914	12	395	503	264	155	742
	1909	9	390	216	208	108	610
Musical instruments, pianos [2]	1919	8	1,432	2,184	1,579	3,376	6,978
	1914	12	1,585	3,229	1,039	1,612	3,866
	1909	15	1,667	2,650	994	1,703	3,686
Paint and varnish	1919	23	257	944	235	2,800	4,315
	1914	22	178	793	123	922	1,481
	1909	18	200	521	74	683	1,108
Paper and wood pulp	1919	26	2,214	25,485	2,239	9,514	15,120
	1914	24	1,620	20,719	916	4,314	6,234
	1909	27	1,501	18,382	754	3,497	5,202
Paper goods, not elsewhere specified.[3]	1919	6	311	1,838	336	2,388	3,362
	1914	6	559	1,037	260	1,195	1,857
	1909	8	719	835	256	1,224	1,887
Patent medicines and compounds and druggists' preparations.[4]	1919	118	1,877	1,518	1,125	6,195	14,036
	1914	156	864	998	415	2,095	5,740
	1909	113	801	809	354	1,460	4,344
Printing and publishing [5]	1919	865	6,772	9,557	6,741	10,109	30,612
	1914	922	6,140	7,078	3,994	5,019	17,117
	1909	892	6,756	17,868	3,522	4,025	14,356
Roofing materials	1919	7	254	1,379	298	1,685	2,759
	1914	7	147	335	90	716	1,001
	1909	4	42	48	24	154	295
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	15	2,917	11,696	3,018	12,017	20,884
	1914	9	1,499	5,984	839	4,265	6,333
	1909	11	787	5,276	410	2,908	4,313
Scales and balances	1919	5	91	70	93	89	310
	1914	8	173	211	106	118	620
	1909	8	266	200	163	208	877
Slaughtering and meat packing.[6]	1919	57	5,691	11,305	5,470	121,690	134,029
	1914	65	4,481	9,844	2,497	46,262	51,022
	1909	61	4,423	5,973	2,161	41,986	47,289
Soap	1919	10	540	1,247	532	3,071	5,678
	1914	12	315	668	181	1,587	2,980
	1909	11	126	366	54	552	813
Stoves and hot-air furnaces	1919	25	1,656	2,880	2,076	3,182	7,762
	1914	27	1,481	2,887	996	1,676	3,863
	1909	24	1,362	1,704	723	1,021	2,751
Tobacco manufactures	1919	266	4,203	577	2,504	5,118	10,345
	1914	418	3,659	310	1,568	2,287	5,516
	1909	470	2,794	123	1,126	1,590	4,155
Windmills	1919	4	402	1,885	338	886	1,556
	1914	3	451	1,045	282	456	1,078
	1909	4	498	577	297	718	1,394
Wirework, not elsewhere specified.	1919	21	632	1,462	570	2,669	4,209
	1914	30	964	1,882	543	2,245	3,732
	1909	31	689	1,182	314	2,342	3,161
Wood preserving	1919	5	177	760	211	1,213	1,784
	1914	6	202	560	120	608	1,010
	1909	5	324	355	82	280	533
Wood, turned and carved	1919	31	822	2,628	651	1,783	3,049
	1914	30	630	2,090	331	742	1,295
	1909	47	677	2,754	293	614	1,169
Woolen goods	1919	11	948	1,860	725	3,320	4,542
	1914	10	719	1,519	318	991	1,522
	1909	11	776	1,678	293	1,056	1,570
All other industries	1919	1,044	37,349	212,680	43,919	259,580	394,854
	1914	641	23,036	139,279	14,014	90,227	155,303
	1909	541	18,700	101,081	9,022	60,099	113,008

CITIES OF 50,000 INHABITANTS OR MORE[7]—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY.	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)
EVANSVILLE All industries.	1919	299	12,526	25,007	10,708	44,149	70,230
	1914	297	10,333	24,102	5,168	18,411	31,427
	1909	292	8,824	18,132	3,879	12,347	22,289
Agricultural implements	1919	4	255	737	257	595	1,521
	1914	5	240	765	138	267	716
	1909	5	234	755	128	218	650
Bread and other bakery products.	1919	24	124	222	135	742	1,137
	1914	19	126	120	79	261	452
	1909	19	119	103	57	319	487
Clothing, men's and youths'	1919	5	250	74	112	531	931
	1914	4	100	57	34	253	320
Confectionery	1919	6	16	7	9	53	91
	1914	6	27	113	10	56	86
	1909	6	88	2	23	81	142
Copper, tin, and sheet-iron work.	1919	14	51	9	57	66	169
	1914	22	84	10	46	84	188
Flour-mill and gristmill products.	1919	7	269	2,106	264	9,543	10,515
	1914	8	165	1,055	95	3,040	3,513
	1909	8	97	1,545	64	2,816	3,182
Foundry and machine-shop products.[8]	1919	18	1,291	2,130	1,347	3,534	6,267
	1914	12	720	1,470	372	692	1,300
	1909	12	375	659	204	338	701
Furniture	1919	24	2,227	4,758	1,879	4,092	8,605
	1914	27	1,806	4,260	806	1,910	3,375
	1909	26	1,458	2,997	633	1,205	2,520
EVANSVILLE—Con.							
Leather goods [9]	1919	7	70	47	59	213	351
	1914	11	152	316	77	191	321
	1909	12	198	284	63	198	357
Lumber and timber products[10]	1919	11	347	1,634	270	669	1,371
	1914	15	486	2,237	301	1,146	1,716
	1909	16	549	2,660	284	818	1,443
Marble and stone work, except slate.	1919	5	43	181	48	128	341
	1914	6	44	178	35	79	174
Mineral and carbonated waters	1919	6	33	58	34	213	357
	1914	6	35	44	26	118	186
	1909	5	18	13	9	9	31
Patent medicines and compounds and druggists' preparations. [4]	1919	7	15	8	9	90	179
	1914	10	15	12	6	35	73
	1909	6	16	22	8	47	90
Printing and publishing	1919	16	267	348	282	349	1,209
	1914	21	261	248	177	216	738
	1909	27	254	296	165	152	600
Stoves and ranges	1919	4	369	624	488	487	1,540
	1014	5	298	824	183	167	578
	1909	5	376	492	208	217	771
Tobacco, cigars	1919	22	2,661	478	1,449	3,265	6,268
	1914	25	1,852	208	630	1,081	2,378
All other industries	1919	119	4,238	11,586	4,009	19,579	29,378
	1914	95	3,922	11,274	2,153	8,815	15,304
	1909	145	5,042	8,304	2,033	5,929	11,315

[1] Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with saw mills"; and "window and door screens and weather strips."
[2] Includes "musical instruments, organs," and "musical instruments, piano and organ materials," in 1909.
[3] Includes "envelopes" in 1909.
[4] Includes "perfumery and cosmetics."
[5] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."
[6] Includes "sausage, not made in slaughtering and meat-packing establishments," in 1909.
[7] Excludes Gary, to avoid disclosure of individual operations.
[8] Includes "plumbers' supplies, not elsewhere specified"; and "structural ironwork, not made in steel works or rolling mills," in all years; "engines, steam, gas, and water," in 1919 and 1914; and "hardware"; and "hardware, saddlery," in 1919.
[9] Includes "saddlery and harness" in all years, and "trunks and valises" in 1914 and 1909.
[10] Includes "boxes, wooden packing, except cigar boxes," and "lumber, planing-mill products, not including planing mills connected with sawmills."

TABLE 34.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Contd.

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

INDUSTRY.	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.)
FORT WAYNE All industries.	1919	247	16,344	43,431	17,435	37,908	76,713
	1914	228	11,161	16,771	6,299	14,148	30,205
	1909	230	10,298	15,063	5,023	11,415	23,687
Bread and other bakery products.	1919	26	507	784	498	2,119	3,862
	1914	18	352	302	188	819	1,361
	1909	15	269	247	145	631	1,021
Foundry and machine-shop products.[1]	1919	21	1,220	3,401	1,357	2,219	5,808
	1914	19	1,941	3,805	1,145	2,200	7,030
	1909	20	1,880	3,661	889	1,813	4,878
Lumber and timber products[2]	1919	13	193	1,791	185	652	1,029
	1914	11	215	1,126	124	467	740
	1909	13	354	1,500	175	769	1,263
Marble and stone work	1919	8	27	108	33	37	117
	1914	6	36	72	35	37	88
	1909	6	51	90	33	36	91
Patent medicines and compounds.	1919	8	101	55	102	292	934
	1914	9	16	40	9	110	423
	1909	10	20	20	7	79	244
Printing and publishing, book and job.	1919	16	254	178	285	362	869
	1914	17	201	211	117	200	478
Tobacco, cigars	1919	26	148	6	153	202	495
	1914	27	201	3	138	145	405
	1909	32	198	.....	100	144	355
All other industries	1919	129	13,894	37,108	14,822	32,025	63,599
	1914	121	8,199	11,212	4,543	10,150	19,680
	1909	134	7,526	9,545	3,674	7,943	15,835
INDIANAPOLIS All industries.	1919	1,004	49,977	102,741	52,410	266,754	398,667
	1914	886	30,971	65,215	19,042	91,064	139,700
	1909	853	31,736	50,622	16,507	84,037	126,313
Artificial stone products	1919	12	59	173	66	162	359
	1914	14	72	88	45	65	169
	1909	17	57	39	32	39	167
Automobiles, including bodies and parts.	1919	47	8,584	11,766	10,386	48,836	73,299
	1914	30	2,673	5,779	1,916	8,184	12,693
	1909	17	2,394	2,296	1,466	5,994	8,840
Awnings, tents, and sails	1919	6	43	28	27	110	227
	1914	5	64	40	36	102	201
	1909	4	58	30	20	91	174
Boxes, paper and other, not elsewhere specified.	1919	4	319	235	180	749	1,233
	1914	4	184	270	70	173	324
	1909	3	155	127	56	135	239
Brass, bronze, and copper products.	1919	8	350	799	407	858	1,585
	1914	5	235	863	166	370	689
Bread and other bakery products.	1919	88	1,100	1,562	861	4,744	7,713
	1914	83	819	1,238	470	1,865	3,228
	1909	73	596	587	288	1,705	2,809
Cars and general shop construction and repairs by steam-railroad companies.	1919	13	2,805	1,699	3,960	2,435	6,839
	1914	6	1,281	912	896	750	1,741
	1909	5	2,108	1,123	1,323	1,123	2,662
Cleansing and polishing preparations.	1919	6	51	74	29	280	536
	1914	6	45	82	13	145	321
Clothing, men's[3]	1919	8	1,628	390	1,290	4,061	6,780
	1914	7	1,542	380	771	1,435	2,852
	1909	10	1,539	330	583	1,359	2,709
Clothing, women's	1919	9	508	148	334	1,008	1,756
	1914	9	384	106	170	390	687
	1909	8	462	78	172	401	725
Coffee, roasting and grinding	1919	10	80	335	76	1,588	2,097
	1914	4	58	210	27	866	1,059
	1909	4	78	116	32	896	1,167
INDIANAPOLIS—Contd. Confectionery	1919	21	642	660	363	1,764	3,037
	1914	14	500	594	168	983	1,513
	1909	14	474	380	160	915	1,472
Copper, tin, and sheet-iron work.	1919	25	166	104	187	509	928
	1914	20	230	175	184	718	1,121
Electrical machinery, apparatus, and supplies.	1919	16	1,764	4,577	1,638	4,381	8,591
	1914	7	307	804	214	360	893
	1909	7	364	598	184	407	864
Flour-mill and gristmill products.	1919	7	421	6,838	471	12,611	14,574
	1914	8	403	6,135	271	7,111	7,971
	1909	9	324	4,735	179	5,800	6,448
Foundry and machine-shop products.[4]	1919	93	8,564	16,372	10,086	15,822	37,873
	1914	89	4,164	7,969	2,640	4,343	10,845
	1909	78	4,481	7,318	2,525	5,401	11,442
Furniture	1919	27	1,746	2,909	1,509	3,222	6,156
	1914	26	1,522	3,059	897	1,730	3,443
	1909	32	1,633	2,189	852	1,322	2,942
Ice, manufactured	1919	12	213	3,312	231	402	1,075
	1914	8	226	1,907	145	107	426
	1909	6	87	859	41	54	180
Leather goods[5]	1919	14	264	277	260	1,208	2,006
	1914	7	169	199	106	414	665
	1909	8	313	199	137	602	961
Lumber and timber products[6]	1919	42	858	5,499	815	2,399	4,710
	1914	52	906	4,329	574	2,200	3,435
	1909	44	978	3,925	544	1,944	3,233
Marble and stone work	1919	9	62	351	80	159	327
	1914	7	90	470	69	111	248
Mineral and carbonated waters	1919	6	62	99	63	267	433
	1914	7	41	34	27	63	153
	1909	5	31	35	16	48	100
Models and patterns, not including paper patterns.	1919	13	120	97	239	102	463
	1914	6	30	25	26	4	54
	1909	6	21	25	18	5	40
Optical goods	1919	7	250	175	214	390	885
	1914	4	32	10	24	34	123
Paints[7]	1919	8	106	538	86	1,325	1,928
	1914	8	83	461	56	455	638
	1909	9	148	338	45	376	592
Patent medicines and compounds and druggists' preparations.[8]	1919	36	1,326	946	725	3,815	7,964
	1914	32	498	625	227	1,315	3,227
	1909	34	549	407	244	959	2,301
Printing and publishing[9]	1919	169	1,956	2,995	2,176	3,991	12,027
	1914	152	1,681	2,242	1,308	1,855	6,806
	1909	126	1,756	1,671	1,080	1,488	5,622
Slaughtering and meat packing.[10]	1919	13	4,664	8,410	4,384	95,990	104,806
	1914	10	3,620	5,142	1,955	34,587	37,780
	1909	16	3,737	3,681	1,804	35,013	39,134
Stoves and hot-air furnaces	1919	7	279	389	353	365	1,057
	1914	11	298	456	236	396	874
	1909	7	312	334	161	242	598
Tobacco, cigars	1919	30	267	2	171	368	734
	1914	34	355	.....	222	212	578
	1909	44	475	2	206	223	681
All other industries	1919	238	10,711	30,982	10,743	52,833	86,669
	1914	211	8,459	20,602	5,113	19,721	34,943
	1909	267	8,606	19,110	4,339	17,495	30,211

[1] Includes "gas machines and gas and water meters"; "plumbers' supplies, not elsewhere specified"; and "pumps, steam and other power," in all years; "structural ironwork, not made in steel works or rolling mills," in 1914 and 1909; and "steam fittings and steam and hot-water heating apparatus" in 1909.
[2] Includes "lumber, planing-mill products, not including planing mills connected with sawmills."
[3] Includes "shirts" in 1909.
[4] Includes "hardware"; "iron and steel, welding"; "machine tools"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks, portable"; and "structural ironwork, not made in steel works or rolling mills," in all years; "engines, steam, gas, and water"; and "pumps, steam and other power," in 1919 and 1914; "plumbers' supplies, not elsewhere specified," in 1914 and 1909; "gas machines"; and "hardware, saddlery," in 1914.
[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 "window and door screens and weather strips" in 1919 and 1914.
[7] Includes "varnishes" in 1909.
[8] Includes "perfumery and cosmetics."
[9] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."
[10] Includes "sausage, not made in slaughtering and meat-packing establishments," in 1909.

TABLE 34.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Contd.

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.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
SOUTH BEND All industries.	1919	214	14,792	28,748	17,427	38,706	75,339
	1914	250	12,203	21,512	6,989	12,742	31,180
	1909	218	11,789	16,280	5,886	15,253	27,855
Bread and other bakery products.	1919	21	103	125	134	662	909
	1914	24	106	75	74	241	412
	1909	23	107	104	55	259	334
Confectionery	1919	8	114	100	100	439	744
	1914	7	41	42	20	86	148
	1909	7	46	20	19	67	140
Copper, tin, and sheet-iron work.	1919	4	25	5	28	32	89
	1914	9	47	53	35	47	109
Foundry and machine-shop products.[1]	1919	11	304	486	375	444	1,264
	1914	16	427	579	280	267	717
	1909	20	473	672	255	331	882
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	6	84	258	91	562	764
	1914	6	83	241	52	301	467
Marble and stone work	1919	3	16	69	25	51	124
	1914	3	17	93	15	32	71
Mineral and carbonated waters	1919	4	11	4	10	36	70
	1914	4	9	8	7	14	34
Patent medicines and compounds and druggists' preparations.[2]	1919	13	106	15	57	146	433
	1914	15	59	22	32	76	363
	1909	13	37	20	12	42	228
Printing and publishing[3]	1919	23	244	292	269	479	1,340
	1914	27	253	308	187	234	767
	1909	21	263	237	157	155	468
Tobacco, cigars	1919	12	155	10	143	216	523
	1914	22	230	12	118	168	420
	1909	25	259	19	106	164	423
All other industries	1919	109	13,630	27,384	16,195	35,639	69,019
	1914	117	10,931	20,079	6,169	11,276	27,672
	1909	109	10,604	15,208	5,282	14,235	25,380
TERRE HAUTE All industries.	1919	257	6,458	19,664	7,390	26,903	41,968
	1914	171	5,270	14,552	3,206	11,008	25,699
	1909	169	4,347	10,398	2,503	8,375	21,470
Artificial stone products	1919	7	18	16	23	43	86
	1914	3	11	15	8	10	31
Bread and other bakery products.	1919	28	265	394	249	1,255	2,030
	1914	21	215	174	115	526	881
	1909	20	203	112	98	431	741
Clothing, men's and youths'	1919	4	286	161	133	929	1,352
	1914	3	377	114	169	758	1,034
	1909	3	418	85	136	640	941
Confectionery and ice cream	1919	8	182	263	96	496	748
	1914	5	125	117	55	230	391
Foundry and machine-shop products.[4]	1919	18	481	1,274	539	798	1,863
	1914	15	339	575	223	444	1,025
	1909	11	191	464	113	221	428
Mineral and carbonated waters	1919	6	20	58	18	134	219
	1914	7	25	56	14	38	93
Printing and publishing	1919	18	188	237	250	387	1,250
	1914	16	183	255	146	142	631
	1909	19	206	340	169	162	592
Tobacco, cigars[5]	1919	9	7	5	5	11	32
	1914	18	118	10	23	66	122
	1909	22	18	2	9	20	54
All other industries	1919	159	5,011	17,256	6,077	22,850	34,388
	1914	83	3,877	13,236	2,453	8,794	21,491
	1909	94	3,311	9,395	1,978	6,901	18,714

CITIES OF 10,000 TO 50,000 INHABITANTS[6]—ALL INDUSTRIES COMBINED.

ANDERSON	1919	99	7,928	20,002	$8,455	$22,090	$38,931
	1914	114	3,906	16,569	2,425	7,211	12,789
	1909	116	4,393	12,981	2,104	8,127	13,765
BLOOMINGTON	1919	39	1,420	3,708	1,123	4,250	6,816
	1914	40	1,057	3,047	581	1,370	2,329
CRAWFORDSVILLE	1919	55	785	2,181	742	2,870	4,837
	1914	56	680	2,004	398	1,668	2,549
EAST CHICAGO	1919	61	8,957	84,569	15,258	63,334	89,569
	1914	79	7,482	44,676	6,384	28,584	41,624
	1909	32	5,067	38,363	3,317	17,768	23,869
ELKHART	1919	120	5,728	9,491	6,059	13,362	24,421
	1914	105	2,993	5,952	1,909	4,382	8,649
	1909	68	2,942	4,473	1,507	2,945	6,835
ELWOOD	1919	32	2,167	7,110	2,620	10,518	15,645
	1914	39	1,961	6,617	1,478	5,689	8,187
	1909	36	2,072	6,122	1,399	6,226	8,379
HAMMOND	1919	94	6,065	16,018	8,839	39,952	59,276
	1914	82	4,281	9,825	2,669	9,829	20,584
	1909	49	3,841	7,348	1,861	6,651	15,580
HUNTINGTON	1919	57	2,165	3,139	2,732	4,498	9,977
	1914	50	1,239	2,440	631	1,540	2,791
	1909	33	1,376	1,400	623	1,130	2,228
JEFFERSONVILLE	1919	29	1,017	3,364	1,332	4,392	6,733
	1914	40	1,176	3,521	825	2,206	3,529
	1909	35	766	3,422	437	1,083	1,916
KOKOMO	1919	98	6,727	33,470	8,249	21,593	38,709
	1914	78	3,289	12,178	2,149	6,078	10,641
	1909	72	2,051	3,955	1,075	2,982	5,451
LA PORTE	1919	52	3,502	5,741	4,061	10,531	20,581
	1914	55	1,765	4,976	1,160	2,408	5,929
	1909	41	1,674	3,373	795	1,813	3,972
LAFAYETTE	1919	85	2,550	6,153	2,879	6,879	12,616
	1914	84	1,310	3,932	795	3,077	5,186
	1909	65	1,225	3,149	629	3,085	4,867
LOGANSPORT	1919	67	2,338	5,554	3,044	3,925	7,746
	1914	67	1,709	2,454	1,110	2,019	3,671
	1909	68	2,169	2,338	1,237	1,982	4,201
MARION	1919	101	4,646	8,941	4,331	14,819	24,325
	1914	90	2,970	6,172	1,695	3,561	6,705
	1909	88	2,229	6,106	1,174	2,248	4,282
MICHIGAN CITY	1919	47	3,452	6,393	4,669	27,125	37,351
	1914	52	4,442	7,889	2,593	10,205	15,120
	1909	47	2,885	5,835	1,261	5,342	8,261
MISHAWAKA	1919	32	5,068	11,261	5,688	14,028	27,765
	1914	52	3,332	8,255	1,898	5,731	12,304
	1909	42	3,445	7,610	1,748	5,270	10,883
MUNCIE	1919	121	6,559	15,542	7,142	18,810	33,176
	1914	113	3,687	7,406	2,376	6,466	10,779
	1909	100	3,583	6,420	1,913	4,688	8,441
NEW ALBANY	1919	93	1,239	3,341	1,110	4,128	6,766
	1914	102	1,458	4,462	672	1,860	3,236
	1909	94	1,851	3,779	697	1,774	3,323
NEW CASTLE	1919	33	4,041	5,821	4,170	8,499	14,584
	1914	33	1,950	3,674	1,282	1,947	4,498
PERU	1919	40	1,466	1,941	1,190	2,445	4,705
	1914	34	787	1,819	377	859	1,529
	1909	31	619	2,013	276	482	1,097
RICHMOND	1919	144	4,938	6,711	4,859	12,712	22,894
	1914	118	3,662	5,707	2,316	4,970	10,252
	1909	107	3,621	5,087	1,834	5,118	10,374
VINCENNES	1919	98	1,191	4,090	1,089	4,586	7,582
	1914	71	962	4,120	601	2,670	5,233
	1909	84	1,233	5,044	669	2,416	4,234

[1] Includes "hardware" and "structural ironwork, not made in steel works or rolling mills," in 1909.
[2] Includes "perfumery and cosmetics" in 1919.
[3] Includes "bookbinding and blank-book making" in 1909.
[4] Includes "structural ironwork, not made in steel works or rolling mills," in 1909.
[5] Includes "tobacco, chewing and smoking, and snuff," in 1909.
[6] Excludes Whiting, to avoid disclosure of individual operations.

TABLE 35.—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	7,916	330,145	6,768	13,594	20,747	11,456	277,580	Se 294,892	Mh 261,725	(3)	(3)	(3)	(3)	(3)	*Dollars.* 1,335,714,103
2	Agricultural implements	29	7,149	10	313	979	314	5,533	De 6,118	Ap 5,054	6,122	5,937	176	9	.....	42,531,365
3	Artificial limbs	3	4	2	1	.....	.....	1	De[4] 2	Mh[5] 0	3	3	.....	.....	.....	2,126
4	Artificial stone products	289	1,217	326	87	46	27	731	Au 1,058	Fe 374	930	928	2	.....	.....	2,228,176
5	Automobile bodies and parts	145	17,367	99	651	706	682	15,229	No 16,587	Fe 12,805	17,692	16,548	1,081	55	8	54,604,095
6	Automobiles	27	12,162	3	368	737	510	10,544	De 13,247	Fe 8,769	13,126	12,178	894	54	.....	54,699,762
7	Automobile repairing	358	1,454	439	64	16	50	885	Au 951	Ja 779	926	919	5	2	.....	1,954,600
8	Awnings, tents, and sails	19	187	17	11	7	10	142	My 220	Ja 82	175	72	103	.....	.....	446,832
9	Baskets, and rattan and willow ware	12	1,113	11	38	33	14	1,017	De 1,130	Ja 898	1,108	603	458	15	32	820,036
10	Bookbinding and blank-book making	14	88	10	9	.....	1	68	Oc 76	Mh 64	74	38	33	1	2	107,870
11	Boots and shoes, not including rubber boots and shoes.	5	802	1	36	97	48	620	Fe 743	Je 378	657	325	268	26	38	2,276,434
12	Boxes, cigar	8	118	10	5	.....	1	102	De 147	Ja 62	142	37	76	1	28	72,124
13	Boxes, paper and other, not elsewhere specified.	21	1,815	11	71	100	71	1,562	.....	.....	1,725	845	817	15	48	4,288,746
14	Shipping containers, corrugated and fiber.	8	1,207	1	38	88	54	1,026	No 1,196	Mh 886	1,113	670	427	5	11	3,204,732
15	Cartons, and set-up paper boxes	13	608	10	33	12	17	536	De 606	Fe 499	612	175	390	10	37	1,084,014
16	Boxes, wooden packing, except cigar boxes.	28	1,064	18	45	29	23	949	Se 1,079	Mh 846	1,116	898	174	37	7	1,933,978
17	Brass, bronze, and copper products	31	1,396	17	56	27	25	1,271	No 1,502	My[4] 1,117	1,425	1,351	70	4	.....	2,260,491
18	Bread and other bakery products	802	5,706	916	194	611	226	3,759	De 3,989	Ja 3,504	4,050	2,948	1,031	57	14	10,687,558
19	Brick and tile, terra-cotta, and fire-clay products.	151	4,132	111	211	112	50	3,648	.....	.....	4,286	4,096	179	11	.....	15,992,617
20	Building brick	41	1,323	21	81	29	13	1,179	Se 1,554	Ja 609	1,515	1,504	4	7	.....	5,340,159
21	Fire brick, stove lining, and tile, other than draintile.	7	516	1	16	19	8	472	Jy 523	De 387	462	399	63	.....	.....	3,065,769
22	Sewer pipe and draintile	92	1,359	89	84	25	10	1,151	Se 1,415	Ja 756	1,338	1,334	2	2	.....	3,572,297
23	Terra-cotta products	11	934	.....	30	39	19	846	Oc 1,036	Mh 563	971	859	110	2	.....	4,014,392
24	Brooms	61	605	69	34	33	17	452	Fe 488	Au 394	495	337	133	21	4	1,165,032
25	Butter	92	2,001	60	160	129	199	1,453	Au 1,645	Ja 1,198	1,434	1,142	292	.....	.....	5,061,815
26	Buttons	14	306	27	15	2	1	261	De 318	My 209	313	294	19	.....	.....	256,676
27	Canning and preserving, fruits and vegetables.	136	3,510	118	246	98	99	2,949	Se 9,239	Mh 801	7,564	3,714	3,715	49	86	11,527,447
28	Carpets, rag	11	75	15	5	2	3	50	My 70	Ja 34	50	22	28	.....	.....	67,696
29	Carriage and wagon materials	21	882	11	39	23	27	782	Oc 868	Mh 696	840	794	38	8	.....	2,613,643
30	Carriages and sleds, children's	8	1,049	1	35	50	45	918	Je 980	Ja 833	924	696	195	26	7	2,263,169
31	Carriages and wagons, including repairs.	79	1,777	74	63	107	99	1,434	.....	.....	1,508	1,421	77	10	.....	6,473,479
32	Carriages and wagons	49	1,666	43	60	105	95	1,363	No 1,408	Ap 1,264	1,432	1,347	76	9	.....	6,291,292
33	Repair work only	30	111	31	3	2	4	71	Se[4] 74	Ap 67	76	74	1	1	.....	182,187
34	Cars and general shop construction and repairs by electric-railroad companies.	30	1,042	.....	37	23	5	977	Jy 1,001	Je 949	996	970	26	.....	.....	1,770,660
35	Cars and general shop construction and repairs by steam-railroad companies.	77	25,090	.....	893	852	246	23,099	De 24,841	Ap 21,821	25,075	24,962	113	.....	.....	28,456,300
36	Cars, steam-railroad, not including operations of railroad companies.	9	7,494	.....	292	419	133	6,650	My 7,842	Se 5,476	7,045	7,018	27	.....	.....	62,901,805
37	Cement	5	2,420	.....	108	259	100	1,953	Se 2,475	Ja 1,452	2,183	2,089	94	.....	.....	11,814,207
38	Chemicals	9	1,305	.....	32	176	71	1,026	Ja 1,244	Je 827	1,008	990	14	4	.....	7,466,016
39	Cleansing and polishing preparations.	11	126	5	11	51	5	54	.....	.....	59	21	38	.....	.....	267,232
40	Cleansing preparations	4	51	3	2	30	2	14	De 17	Mh[4] 12	15	6	9	.....	.....	56,548
41	All other	7	75	2	9	21	3	40	De 54	Je 31	44	15	29	.....	.....	210,684
42	Clothing, men's	37	3,995	32	110	213	160	3,480	.....	.....	3,778	619	3,024	13	122	6,516,741
43	Men's and youths'	13	2,201	14	63	139	125	1,860	De 2,068	Ja 1,602	2,057	478	1,539	9	31	3,831,950
44	All other, including contract work	24	1,794	18	47	74	35	1,620	De 1,691	Ap 1,555	1,721	141	1,485	4	91	2,684,791
45	Clothing, women's	26	1,383	10	59	75	89	1,200	.....	.....	1,208	96	1,069	2	41	1,694,663
46	Regular factories	22	1,252	6	56	75	38	1,077	.....	.....	1,108	89	976	2	41	1,650,470
47	Suits, skirts and cloaks	5	142	2	11	16	2	111	No 152	Ja 75	147	19	127	.....	1	156,213
48	Shirt waists and dresses, except house dresses.	5	558	1	22	31	16	488	My 526	Ja 456	494	31	460	1	2	487,127
49	Undergarments and petticoats	4	141	2	5	6	6	122	Jy[4] 128	Mh 112	124	8	106	.....	10	206,612
50	Wrappers and house dresses	5	358	1	13	21	13	310	No 369	Fe 263	295	28	266	.....	1	738,796
51	All other	3	53	.....	5	1	1	46	Au 53	Ap 33	48	3	17	1	27	61,722
52	Contract work	4	131	4	3	.....	1	123	Se 172	Ja 81	100	7	93	.....	.....	44,193
53	Coffee, roasting and grinding	24	327	18	29	66	27	187	No 205	Fe 167	207	109	96	.....	2	1,961,597
54	Coffins, burial cases, and undertakers' goods.	22	995	4	69	85	31	806	Mh 842	Au 777	796	571	217	3	5	2,574,332
55	Condensed milk	7	254	.....	20	7	22	205	Je 246	Mh 159	193	163	30	.....	.....	1,303,855
56	Confectionery and ice cream	235	2,381	263	128	162	115	1,713	.....	.....	1,846	946	820	17	63	5,128,756
57	Confectionery	84	1,526	92	59	141	57	1,177	Oc 1,371	My 985	1,275	433	768	11	63	2,819,699
58	Ice cream	151	855	171	69	21	58	536	Jy 758	Jy 376	571	513	52	6	.....	2,309,057
59	Cooperage	24	225	14	12	8	8	183	.....	.....	225	225	.....	.....	.....	763,470
60	Hogshead and barrels	19	162	13	10	2	2	135	Fe 184	Je 111	186	186	.....	.....	.....	522,239
61	All other	5	63	1	2	6	6	48	Jy 61	Oc[4] 40	39	39	.....	.....	.....	241,231
62	Copper, tin, and sheet-iron work	172	1,033	177	87	30	43	696	Se 789	Ja 565	780	745	32	3	.....	1,926,038
63	Cotton goods	4	1,043	.....	18	20	8	997	Mh 1,044	Ja 950	1,001	426	503	19	53	3,627,971
64	Cutlery and edge tools	4	182	2	10	5	4	161	Mh 175	De 70	186	158	28	.....	.....	562,053
65	Dairymen's and poultrymen's supplies.	10	311	5	29	6	15	256	.....	.....	318	230	81	5	2	668,797
66	Incubators, brooders, and other poultrymen's supplies.	6	203	4	17	5	10	167	De 235	Je 89	235	152	77	4	2	292,703
67	Cream separators and other dairymen's supplies.	4	108	1	12	1	5	89	Mh 106	Se 69	83	78	4	1	.....	376,004
68	Dental goods	3	16	4	1	.....	2	9	Se 11	De[4] 8	10	8	2	.....	.....	30,936

[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. 43,304,231	Dollars. 41,812,215	Dollars. 317,042,997	Dollars. 3,802,139	Dollars. 4,571,897	Dollars. 74714,283	Dollars. 1,084,756,375	Dollars. 90,194,193	Dollars. 1,898,753,387	Dollars. 723,802,819	1,095,912	367,321	154,125	189,271	10,162	375,033	279,065	1
1,098,908	1,432,434	7,401,107	20,779	3,452	2,075,023	12,167,498	447,424	31,823,733	19,208,811	10,864	3,848	3,350	73	2,025	1,568	7,516	2
560	.....	1,510	50	945	18	2,136	60	11,385	9,189	2	.....	.....	.....	.....	2	.....	3
151,852	95,991	838,559	3,322	13,760	29,030	1,117,042	37,315	3,085,887	1,931,530	1,764	424	20	629	23	668	10	4
2,465,094	1,480,754	17,372,532	194,450	105,777	1,849,806	38,397,660	1,671,542	71,717,249	31,648,047	25,917	4,196	3,375	230	.....	18,116	4,824	5
1,484,404	1,340,025	12,480,913	6,093	102,269	4,936,045	77,158,346	539,399	107,347,614	29,649,869	13,564	2,830	.....	.....	.....	10,734	626	6
98,344	51,193	1,067,146	6,615	105,417	26,918	1,217,716	67,442	3,352,031	2,066,873	1,692	28	10	401	.....	1,253	7	7
44,211	18,925	93,675	304	6,679	69,498	463,652	3,433	806,116	339,031	61	.....	.....	.....	.....	61	.....	8
77,369	48,198	568,686	2,449	4,587	14,618	485,962	22,771	1,591,715	1,082,982	937	695	.....	.....	.....	242	.....	9
9,915	936	55,005	.....	6,862	2,395	53,232	1,556	164,415	109,627	60	.....	.....	.....	.....	60	.....	10
95,236	204,922	464,352	.....	240	15,814	1,890,589	14,743	2,853,559	948,227	426	35	.....	.....	.....	391	.....	11
7,800	936	60,309	.....	5,890	439	64,756	2,789	178,101	110,556	104	.....	.....	.....	.....	104	.....	12
208,704	244,754	1,181,090	16,688	18,337	251,446	4,339,156	66,404	8,406,153	4,000,598	1,541	530	.....	.....	.....	1,011	570	13
127,351	219,417	886,705	.....	8,740	222,590	3,663,384	52,729	6,841,823	3,125,710	1,145	450	.....	.....	.....	695	550	14
81,353	25,337	294,385	16,688	9,597	28,856	675,772	13,675	1,564,335	874,888	396	80	.....	.....	.....	316	20	15
136,475	60,847	667,602	.....	13,331	139,140	1,722,080	18,874	3,164,646	1,423,692	2,481	1,732	.....	33	.....	716	10	16
216,980	38,801	1,485,221	1,647	11,970	153,084	3,130,452	103,603	5,638,482	2,404,427	1,514	.....	.....	.....	.....	1,514	3	17
457,753	774,032	3,609,006	42,095	220,191	638,280	18,921,993	554,141	30,020,059	10,543,925	5,703	728	3	226	.....	4,746	350	18
417,252	235,505	3,519,367	48,448	8,569	244,236	1,805,657	1,631,311	9,880,579	6,443,611	20,883	16,225	.....	207	.....	4,451	994	19
160,544	55,136	1,169,953	5,106	2,800	61,152	413,546	559,871	3,037,259	2,063,842	7,589	5,229	.....	87	.....	2,273	485	20
52,169	48,629	466,809	9,033	.....	64,054	421,961	213,686	1,739,983	1,104,336	1,905	1,260	.....	.....	.....	645	.....	21
132,633	44,043	1,054,414	16,382	1,769	66,668	573,378	556,752	2,932,952	1,802,822	7,578	7,096	.....	94	.....	388	142	22
71,906	87,697	828,191	17,927	4,000	52,362	396,772	301,002	2,170,385	1,472,611	3,811	2,640	.....	26	.....	1,145	367	33
100,007	86,605	306,776	.....	5,492	45,207	849,813	12,804	1,921,849	1,059,232	541	175	.....	147	.....	219	79	24
369,701	285,357	1,260,268	19,364	15,887	159,787	23,833,038	214,789	27,900,732	3,852,905	3,112	953	140	32	.....	1,987	86	25
16,608	1,300	170,192	3,640	617	1,042	160,868	11,069	408,457	236,520	267	110	.....	36	.....	121	29	26
474,340	167,065	1,902,309	6,511	22,655	231,905	11,507,574	216,853	18,898,767	7,174,340	8,058	5,761	220	86	.....	1,991	873	27
8,504	9,275	30,569	510	1,808	354	19,546	2,481	107,617	85,590	89	.....	.....	6	.....	83	.....	28
108,347	58,985	711,529	.....	1,238	81,532	1,999,382	73,030	3,516,457	1,444,045	3,583	1,870	70	12	.....	1,631	1,000	29
137,388	158,381	826,160	8,717	4,689	68,482	1,680,259	35,879	3,650,335	1,934,197	855	140	.....	.....	.....	715	.....	30
168,886	138,681	1,351,898	1,539	16,402	182,829	6,346,983	49,981	9,268,688	2,871,724	2,809	1,390	.....	104	.....	1,315	32	31
163,472	133,970	1,281,284	1,539	11,976	180,395	6,297,119	43,822	9,082,022	2,741,081	2,562	1,390	.....	77	.....	1,095	32	32
5,414	4,711	70,614	.....	4,426	2,434	49,864	6,159	186,666	130,643	247	.....	.....	27	.....	220	.....	33
68,288	21,440	1,005,083	.....	.....	11,910	808,076	41,011	1,960,617	1,111,530	2,054	1,400	.....	.....	.....	654	47	34
2,341,708	1,474,525	32,393,399	.....	15,025	70,902	23,232,855	1,633,808	61,232,356	36,365,693	30,354	17,376	2,208	22	8	10,740	14,593	35
1,166,608	930,851	11,501,903	.....	.....	4,336,086	64,987,248	1,087,746	86,021,028	19,946,034	21,325	5,375	6,100	.....	.....	9,850	12,036	36
305,175	571,724	2,682,173	.....	1,647,942	306,908	3,871,335	1,992,030	13,362,808	7,499,443	44,315	9,240	14,141	.....	.....	20,934	19,609	37
192,862	364,575	1,732,093	.....	1,440	381,077	3,378,886	591,716	8,649,304	4,678,702	8,574	6,696	180	210	.....	1,488	698	38
32,864	51,054	30,341	.....	6,780	4,251	322,415	2,427	589,449	264,607	74	.....	.....	.....	.....	74	.....	39
2,550	20,092	7,323	.....	3,370	565	72,636	890	138,599	65,073	15	.....	.....	.....	.....	15	.....	40
30,314	30,962	23,018	.....	3,410	3,686	249,779	1,537	450,850	199,534	59	.....	.....	.....	.....	59	.....	41
370,539	662,494	2,254,828	4,737	80,203	228,448	9,742,014	49,912	15,000,047	5,208,121	1,065	.....	.....	10	.....	1,055	1	42
206,147	385,967	1,318,197	2,205	52,603	166,028	4,012,738	28,414	7,153,996	3,112,844	550	.....	.....	10	.....	540	1	43
164,392	276,527	936,631	2,532	27,600	62,420	5,729,276	21,498	7,846,051	2,095,277	515	.....	.....	.....	.....	515	.....	44
168,068	202,171	662,140	20,013	30,947	53,619	1,902,400	11,681	3,397,309	1,483,228	274	.....	.....	.....	.....	274	.....	45
162,205	201,235	599,429	12,013	28,127	53,482	1,873,597	10,496	3,282,504	1,398,411	256	.....	.....	.....	.....	256	.....	46
17,547	24,082	75,126	.....	6,287	4,994	192,534	1,438	375,622	181,650	20	.....	.....	.....	.....	20	.....	47
84,126	119,549	250,038	2,513	9,785	7,800	665,859	4,202	1,260,397	590,336	72	.....	.....	.....	.....	72	.....	48
17,029	24,701	58,552	.....	1,045	11,278	204,567	1,301	346,831	140,963	19	.....	.....	.....	.....	19	.....	49
36,003	27,935	197,754	.....	9,090	28,519	664,852	3,091	1,099,308	431,365	136	.....	.....	.....	.....	136	.....	50
7,500	4,968	17,959	9,500	1,020	891	145,785	464	200,346	54,097	9	.....	.....	.....	.....	9	.....	51
5,863	936	62,711	8,000	2,820	137	28,803	1,185	114,805	84,817	18	.....	.....	.....	.....	18	.....	52
67,510	94,429	160,228	.....	30,400	31,996	2,777,768	18,467	3,711,360	915,125	595	75	.....	.....	.....	520	.....	53
220,965	263,325	655,835	.....	1,777	130,910	2,023,516	39,155	3,948,236	1,885,565	1,404	780	.....	38	.....	586	14	54
72,250	35,490	204,137	.....	.....	46,540	3,833,437	92,351	4,617,448	691,660	792	455	.....	.....	.....	337	213	55
387,439	368,737	1,236,592	3,334	164,999	556,288	7,047,712	165,362	11,194,689	3,981,615	4,053	1,056	161	53	.....	2,783	445	56
192,281	312,991	705,756	880	98,151	480,913	3,218,714	52,373	5,562,938	2,291,851	1,038	360	.....	.....	.....	678	357	57
195,158	55,746	530,836	2,454	66,848	75,375	3,828,998	112,989	5,631,751	1,689,764	3,015	696	161	53	.....	2,105	88	58
34,492	15,601	169,985	.....	1,242	16,145	836,380	29,726	1,285,248	419,142	665	610	.....	.....	.....	55	.....	59
29,004	3,587	120,211	.....	1,177	7,540	499,657	28,229	827,601	299,715	575	530	.....	.....	.....	45	.....	60
5,488	12,014	49,774	.....	65	8,605	336,723	1,497	457,647	119,427	90	80	.....	.....	.....	10	.....	61
194,276	68,909	700,235	8,587	37,916	37,829	2,681,219	20,797	4,586,580	1,884,564	483	.....	.....	54	.....	429	1	62
70,435	43,451	700,509	.....	.....	379,683	2,385,791	104,114	4,352,535	1,862,630	4,550	2,080	2,470	.....	.....	.....	2,593	63
25,375	12,096	154,150	.....	96	12,168	127,564	20,425	392,292	244,303	466	.....	.....	.....	.....	466	.....	64
52,507	15,493	161,461	567	60	10,234	368,065	6,960	729,705	354,680	226	.....	.....	6	.....	220	.....	65
26,193	10,364	77,098	.....	.....	3,151	169,909	3,102	363,290	190,279	91	.....	.....	.....	.....	91	.....	66
26,314	5,129	84,363	567	60	7,083	198,156	3,858	366,415	164,401	135	.....	.....	6	.....	129	.....	67
1,300	1,972	13,038	.....	2,280	271	39,280	161	71,546	32,105	11	.....	.....	.....	.....	11	.....	68

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

[2] None reported for one or more other months.

TABLE 35.—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—Continued.															Dollars.
1	Druggists' preparations	25	1,844	15	81	118	221	1,409	Ja 1,617	Au 1,289	1,338	633	705	.....	.....	6,598,250
2	Electrical machinery, apparatus, and supplies	47	14,160	6	329	1,188	881	11,756	No 13,521	Ja 9,859	13,003	9,122	3,763	61	57	35,430,365
3	Electroplating	11	49	11	1	.....	.....	37	De 49	Jy[3] 32	52	51	1	.....	.....	46,408
4	Engines, steam, gas, and water	16	3,547	5	111	469	109	2,853	Ja 3,268	Jy 2,530	3,088	2,970	118	.....	.....	16,892,903
5	Engraving, steel and copper plate, including plate printing.	7	128	6	6	7	6	103	Oc 115	Ja 92	111	88	17	3	3	106,902
6	Fertilizers	13	435	3	32	50	22	328	Se 628	Fe 258	300	296	3	1	.....	3,268,585
7	Flavoring extracts	7	72	4	10	10	11	37	De 41	Fe[3] 35	40	13	27	.....	.....	184,225
8	Flour-mill and gristmill products	450	3,471	489	280	265	157	2,280	Se 2,473	Fe 2,084	2,394	2,323	71	.....	.....	29,930,740
9	Food preparations, not elsewhere specified.	40	734	39	53	71	32	539	.....	.....	461	367	94	.....	.....	3,275,031
10	Sweetening sirups, other than cane.	21	62	24	6	.....	3	29	Oc 92	My 6	97	91	6	.....	.....	92,534
11	Other preparations for human consumption.	12	449	9	19	24	13	384	Ja 654	De 234	241	153	88	.....	.....	1,684,548
12	Prepared feed for animal and fowl consumption.	7	223	6	28	47	16	126	Jy 140	De 119	123	123	.....	.....	.....	1,497,949
13	Foundry and machine-shop products	395	22,698	270	1,023	1,681	896	18,828	.....	.....	21,609	19,709	1,431	468	1	95,507,611
14	Boiler shops	25	1,176	26	25	87	23	1,015	Je 1,118	Ja 990	1,004	1,004	.....	.....	.....	2,421,871
15	Foundries	65	6,855	39	315	198	131	6,172	De 7,071	Mh 5,509	7,149	6,828	312	8	1	17,911,561
16	Machine shops	279	10,670	200	544	1,137	569	8,220	De 9,137	Ap 7,708	9,511	8,427	624	460	.....	65,310,265
17	Machine shop and foundry combined.	26	3,997	5	139	259	173	3,421	De 3,911	Mh 2,384	3,945	3,450	495	.....	.....	9,863,914
18	Fur goods	7	39	7	1	.....	2	29	No 43	Je[3] 21	36	10	26	.....	.....	106,511
19	Furniture	177	14,953	57	691	653	295	13,257	.....	.....	14,540	12,751	1,485	255	49	33,004,712
20	Wood, rattan, and willow furniture.	155	13,340	50	590	590	262	11,848	De 12,974	Ja 10,525	13,041	11,523	1,281	192	45	29,630,182
21	Metal furniture	6	389	4	24	14	9	338	De 366	Mh 323	365	317	47	1	.....	756,526
22	Store and office fixtures	16	1,224	3	77	49	24	1,071	De 1,131	Mh 1,019	1,134	911	157	62	4	2,618,004
23	Gas and electric fixtures	3	57	1	7	.....	7	42	Oc 58	Ja 29	58	49	9	.....	.....	177,807
24	Gas, illuminating and heating	53	2,633	1	147	329	254	1,902	Au 1,987	My 1,786	1,836	1,830	6	.....	.....	32,909,981
25	Gas machines and gas and water meters.	7	450	1	18	94	12	325	No[3] 391	Je 239	395	395	.....	.....	.....	1,001,493
26	Glass	35	9,911	.....	236	186	139	9,350	No 10,492	Au 7,860	10,494	8,599	1,398	423	74	19,900,866
27	Glass, cutting, staining, and ornamenting.	12	310	8	14	5	12	271	No[3] 311	Ja 227	305	251	49	5	.....	935,821
28	Gloves and mittens, leather	4	232	1	12	4	2	213	Oc 250	Mh 106	246	55	150	9	32	303,283
29	Gloves and mittens, cloth, not including gloves made in textile mills.	24	1,628	8	51	24	25	1,520	Ja 1,829	My 1,259	1,534	139	1,257	28	110	3,570,256
30	Glue, not elsewhere specified	4	218	.....	14	6	5	193	De 222	Jy 161	216	202	14	.....	.....	752,880
31	Grease and tallow, not including lubricating greases.	44	222	47	21	1	4	149	.....	.....	154	152	1	1	.....	907,595
32	Soap stock	31	153	32	18	1	3	99	Se 105	Je 88	102	100	1	1	.....	540,255
33	Tallow	8	47	8	2	.....	1	36	Oc[3] 40	Ap 30	38	38	.....	.....	.....	280,712
34	All other	5	22	7	1	.....	.....	14	No 15	Jy 13	14	14	.....	.....	.....	86,628
35	Hand stamps	10	98	10	4	7	8	69	De 79	Ja 58	70	48	22	.....	.....	85,832
36	Hardware	8	214	2	17	5	16	174	Au 274	Ja 83	236	161	69	2	4	503,011
37	Hats and caps, other than felt, straw and wool.	4	34	3	5	3	1	22	Oc 40	Fe[3] 2	35	20	15	.....	.....	59,799
38	Hones and whetstones	4	23	4	4	1	.....	14	Se 18	Fe 10	16	14	2	.....	.....	111,550
39	House-furnishing goods, not elsewhere specified.	9	48	8	4	1	1	34	Oc[3] 35	No 32	35	12	23	.....	.....	80,765
40	Ice, manufactured	107	1,188	60	184	42	47	855	Jy 1,321	Ja 488	821	803	12	6	.....	6,869,598
41	Ink, writing	3	4	3	.....	.....	.....	1	Se[3] 3	De[4] 0	2	2	.....	.....	.....	1,280
42	Iron and steel, steel works and rolling mills.	23	24,988	.....	562	1,553	511	22,362	Ja 26,083	Oc 16,689	23,719	23,668	49	2	.....	184,292,931
43	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	6	1,257	.....	46	41	20	1,150	Ja 1,401	Oc 830	842	629	208	4	1	5,673,066
44	Iron and steel forgings, not made in steel works or rolling mills.	5	1,061	.....	35	34	20	972	Mh 1,119	Se 692	863	861	.....	2	.....	4,167,067
45	Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	3	286	3	12	6	7	258	Ja 292	Ap 239	266	223	43	.....	.....	991,532
46	Iron and steel, tempering and welding.	12	186	11	6	31	10	128	De 164	Ja 104	161	151	10	.....	.....	1,000,083
47	Jewelry	9	103	7	9	2	9	76	Oc 89	Jy[3] 71	79	63	16	.....	.....	120,904
48	Knit goods	8	2,968	1	77	136	79	2,675	De 2,753	Jy 2,627	2,752	879	1,685	80	108	6,321,581
49	Lamps	6	257	2	13	3	15	224	De 270	Ja 206	270	144	126	.....	.....	769,461
50	Leather goods, not eslewhere specified	6	183	1	16	21	16	129	De 157	My 107	157	94	63	.....	.....	653,029
51	Leather, tanned, curried, and finished	9	442	2	28	9	7	396	Jy 414	Ap 358	388	386	2	.....	.....	4,786,639
52	Lime	5	462	8	13	13	9	419	Oc 450	De 346	391	391	.....	.....	.....	967,549
53	Liquors, malt	13	957	.....	83	92	23	759	Au 1,069	Fe[3] 522	598	593	5	.....	.....	8,903,517
54	Lithographing	3	61	4	4	1	6	46	Se 49	Ja 39	48	35	6	6	1	190,382
55	Looking-glass and picture frames	5	294	2	11	18	9	254	Au 281	Ja 205	249	195	49	4	1	591,934
56	Lumber and timber products	486	5,170	594	227	107	69	4,173	De 4,995	Ja 3,541	5,404	5,417	65	12	.....	12,006,744
57	Lumber, planing-mill products, not including planing mills connected with sawmills.	222	2,901	158	293	126	86	2,238	No 2,522	Ja 1,777	2,526	2,427	66	33	.....	10,522,784
58	Machine tools	15	1,464	6	114	78	38	1,228	De 1,362	Mh 1,136	1,360	1,355	3	2	.....	4,315,557
59	Marble and stone work	166	2,538	152	157	187	38	2,004	.....	.....	2,692	2,688	3	1	.....	8,235,873
60	Monuments and tombstones	114	421	130	23	48	11	209	Au[3] 220	Fe 184	226	224	1	1	.....	1,205,908
61	Other marble and stone work, except slate.	52	2,117	22	134	139	27	1,795	Se 2,489	Fe 858	2,466	2,464	2	.....	.....	7,029,965

[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.										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.								
304,797	637,075	775,487	20,141	21,656	340,681	4,579,350	62,427	9,257,192	4,615,415	1,031	635	.....	4	.....	392	506	1
1,036,050	2,379,568	11,160,493	500	35,064	784,024	20,262,035	547,642	41,594,125	20,784,448	32,611	4,350	850	233	.....	27,178	623	2
1,820	.....	35,878	400	2,192	347	16,362	3,802	82,714	62,550	143	.....	.....	.....	15	128	.....	3
279,933	606,654	3,595,827	.....	4,031	233,290	7,555,313	133,331	14,472,788	6,784,144	3,853	553	.....	1,740	.....	1,560	1,394	4
21,600	13,541	130,671	.....	5,594	1,028	73,563	4,553	362,724	284,608	92	.....	.....	.....	.....	92	.....	5
116,686	87,647	306,255	.....	967	111,855	2,698,571	34,890	4,713,067	1,979,606	2,123	440	.....	56	.....	1,627	.....	6
26,466	35,690	11,566	.....	2,745	3,524	189,967	1,120	330,765	139,678	38	.....	.....	.....	.....	38	.....	7
750,807	514,561	2,272,538	606,485	16,150	660,578	64,984,283	755,752	75,111,435	9,371,400	39,341	22,596	1,710	2,917	3,188	8,930	4,240	8
229,199	140,908	398,375	2,405	3,300	155,234	7,483,515	79,220	9,317,982	1,755,247	2,560	1,197	150	80	.....	1,133	301	9
4,620	1,549	15,743	.....	840	494	42,868	4,732	86,780	39,180	256	225	.....	26	.....	5	.....	10
89,227	58,265	226,274	144	1,525	107,785	2,187,141	44,699	3,178,569	946,729	502	337	150	4	.....	11	286	11
135,352	81,094	156,358	2,261	935	46,955	5,253,506	29,789	6,052,633	769,338	1,802	635	.....	50	.....	1,117	15	12
3,862,668	3,579,131	21,885,153	356,578	190,775	3,617,258	36,233,169	1,793,811	85,359,946	47,332,966	38,833	8,657	.....	680	.....	29,496	5,327	13
206,331	172,234	1,065,250	343	1,979	117,306	2,496,864	41,881	4,291,111	1,752,366	1,523	47	.....	14	.....	1,462	.....	14
984,145	448,799	7,652,796	306,638	24,838	503,279	8,808,311	861,037	23,037,539	13,368,191	11,091	1,663	.....	49	.....	9,379	952	15
2,153,831	2,530,742	9,186,115	49,597	161,458	1,020,001	18,857,835	615,539	43,166,157	23,692,783	19,338	5,212	.....	609	.....	13,517	3,337	16
518,361	427,356	3,980,992	.....	2,500	1,976,672	6,070,159	275,354	14,865,139	8,519,626	6,881	1,735	.....	8	.....	5,138	1,038	17
10,000	1,145	27,864	347	5,688	2,703	74,073	1,025	189,447	114,349	8	.....	.....	.....	.....	8	.....	18
2,094,721	1,467,048	11,251,681	60,172	80,759	1,243,591	26,888,956	594,673	52,350,282	24,866,653	27,844	17,551	307	196	.....	9,790	3,817	19
1,896,988	1,363,185	10,002,412	55,369	66,741	1,028,181	24,254,026	535,574	47,084,863	22,295,263	25,535	15,951	307	194	.....	9,083	3,565	20
41,717	30,422	262,716	.....	1,625	6,100	742,017	18,004	1,266,653	506,632	263	30	.....	.....	.....	233	.....	21
156,016	73,441	986,553	4,803	12,393	209,310	1,892,913	41,095	3,998,766	2,064,758	2,046	1,570	.....	2	.....	474	252	22
11,090	6,492	36,606	.....	744	14,150	131,453	2,761	318,740	184,526	146	.....	.....	.....	.....	146	.....	23
281,379	429,410	2,137,557	4,966	397,464	536,334	1,593,628	5,018,043	12,454,206	5,842,535	8,378	3,596	225	175	.....	4,382	178	24
42,995	166,654	371,676	.....	1,500	18,211	523,176	18,932	1,451,088	908,980	1,551	.....	.....	.....	.....	1,551	.....	25
952,675	391,750	9,012,581	104,008	6,501	925,142	10,513,348	2,641,258	30,106,652	16,952,046	18,977	5,680	1,500	6,039	.....	5,758	8,386	26
40,109	12,225	218,333	268	4,876	96,605	1,401,820	14,776	2,124,068	707,472	264	.....	.....	5	.....	259	.....	27
26,923	8,629	86,117	.....	270	33,673	370,734	4,056	588,108	213,318	89	50	.....	.....	.....	39	.....	28
201,856	68,361	764,022	.....	16,835	336,363	3,648,380	25,946	5,860,311	2,185,985	650	.....	.....	30	.....	620	15	29
32,890	11,371	263,559	.....	780	3,243	753,095	49,267	1,151,813	349,451	330	170	.....	.....	.....	160	.....	30
33,972	3,418	166,028	515	2,324	5,112	223,431	52,378	674,675	398,866	1,387	913	185	37	.....	252	.....	31
29,595	2,500	100,220	515	2,024	3,066	63,854	37,116	402,980	302,010	809	655	.....	37	.....	117	.....	32
3,177	918	39,486	.....	300	1,387	95,852	11,489	154,938	47,597	265	130	.....	.....	.....	135	.....	33
1,200	.....	17,322	.....	.....	659	63,725	3,773	116,757	49,259	313	128	185	.....	.....	.....	.....	34
21,681	12,932	46,126	.....	5,294	5,595	77,154	2,577	213,590	133,859	47	.....	.....	.....	.....	47	.....	35
49,195	24,918	124,458	4,817	1,436	22,587	290,384	12,596	699,411	396,431	171	.....	.....	.....	.....	171	.....	36
7,170	4,271	30,212	.....	2,328	11	84,647	605	155,962	70,710	11	.....	.....	.....	.....	11	.....	37
3,450	.....	10,206	500	60	451	17,210	2,115	44,083	24,758	111	40	.....	51	.....	20	8	38
2,000	1,656	22,355	5,800	2,110	5,410	118,173	1,463	186,768	67,132	28	.....	.....	.....	.....	28	.....	39
307,030	84,963	868,498	14,501	9,657	118,709	668,170	745,125	4,089,390	2,676,095	12,075	10,268	145	62	.....	1,600	376	40
.....	.....	186	.....	118	.....	1,975	.....	4,718	2,743	.....	.....	.....	.....	.....	.....	.....	41
2,332,793	3,706,845	41,293,699	314	31,615	13,826,978	99,222,769	13,971,510	199,273,518	86,079,239	278,832	63,024	52,617	113,910	.....	49,281	61,252	42
158,851	111,825	1,239,491	.....	840	323,660	3,249,865	181,822	6,295,763	2,864,076	4,117	650	.....	.....	.....	3,467	500	43
135,145	56,860	1,373,683	3,584	.....	374,940	1,963,569	527,453	6,359,294	3,868,272	2,668	75	736	.....	.....	1,857	500	44
28,393	13,218	254,167	2,500	.....	20,091	1,038,105	22,517	1,524,046	463,424	1,100	415	.....	.....	.....	685	.....	45
178,059	96,520	154,605	11,980	4,754	379,177	560,431	17,999	1,909,562	1,331,132	515	.....	.....	.....	.....	515	.....	46
26,635	15,071	68,921	2,880	6,976	2,846	112,422	1,297	302,108	188,389	41	.....	.....	.....	.....	41	.....	47
307,120	241,651	2,220,459	.....	1,920	176,577	5,546,136	69,216	9,801,928	4,186,576	1,786	1,155	.....	.....	415	216	933	48
28,767	16,667	163,323	.....	580	1,223	328,082	10,277	554,568	216,209	843	80	.....	.....	25	738	10	49
85,307	52,400	124,012	8,908	9,662	54,004	828,822	5,393	1,300,832	466,617	134	.....	.....	.....	.....	134	.....	50
120,402	26,587	343,075	.....	8,052	102,367	3,410,089	45,209	4,729,538	1,274,240	1,206	425	.....	.....	.....	781	140	51
34,211	26,913	340,817	417	.....	28,921	233,374	154,821	938,723	550,528	1,553	960	.....	14	.....	579	565	52
269,600	156,451	839,132	1,700	1,895	575,877	1,518,324	206,609	3,958,989	2,234,056	8,388	7,875	.....	.....	.....	513	1,453	53
7,435	6,881	43,369	2,791	805	1,075	64,408	1,902	141,962	75,652	58	.....	.....	.....	.....	58	.....	54
46,692	55,767	209,963	.....	5,610	17,545	270,119	7,241	725,296	447,936	351	225	.....	.....	.....	126	.....	55
594,100	293,813	3,770,456	425,178	20,795	284,487	8,077,674	137,196	17,775,935	9,561,065	27,984	21,335	198	173	22	6,256	414	56
625,690	227,176	2,176,988	8,727	27,182	325,940	8,648,012	196,340	14,102,002	5,257,650	14,202	4,672	60	467	150	8,853	129	57
478,508	136,472	1,383,825	21,854	18,123	206,788	1,303,228	71,107	4,259,463	2,885,128	2,272	150	.....	10	.....	2,112	150	58
469,306	272,218	2,134,696	150,517	21,371	77,842	2,228,163	301,138	7,611,501	5,082,200	16,668	6,300	150	166	.....	10,052	1,760	59
61,583	90,961	273,223	43,677	10,540	12,398	934,900	26,585	2,021,643	1,060,158	955	325	.....	106	.....	524	.....	60
407,723	181,257	1,861,473	106,840	10,831	65,444	1,293,263	274,553	5,589,858	4,022,042	15,713	5,975	150	60	.....	9,528	1,760	61

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

[2] Non reported for one or more other months.

TABLE 35.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	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.
																		Dollars.
1	Mattresses and spring beds, not elsewhere specified.	20	585	10	32	30	20	493	De	551	Mh	442	535	365	140	20	10	1,587,323
2	Millinery and lace goods, not elsewhere specified.	7	151	4	5	1	.....	141	.....		.....		136	12	119	.....	5	68,577
3	Trimmed hats and hat frames	4	136	1	3	1	.....	131	Fe	200	No	69	125	11	109	.....	5	48,684
4	All other	3	15	3	2	.....	.....	10	My	16	Ja	6	11	1	10	.....	.....	19,893
5	Mineral and soda waters	122	645	120	55	24	23	423	.....		.....		410	387	15	8	.....	2,010,950
6	Mineral and carbonated waters	117	572	117	46	18	21	370	Au	548	Ja	238	370	347	15	8	.....	1,201,666
7	Fruit and other beverages	5	73	3	9	6	2	53	Oc	89	Ja	37	40	40	.....	.....	.....	809,284
8	Minerals and earths, ground or otherwise treated.	6	48	4	5	3	1	35	Oc	38	Fe	32	39	39	.....	.....	.....	152,729
9	Mirrors, framed and unframed, not elsewhere specified.	6	88	3	8	3	3	71	De[3]	78	Ja	60	78	66	8	4	.....	249,587
10	Models and patterns, not including paper patterns.	34	302	45	16	4	6	231	Se	266	Mh	185	216	210	4	2	.....	329,891
11	Motorcycles, bicycles, and parts	5	494	2	18	19	16	439	De	494	Au	367	496	494	2	.....	.....	1,512,873
12	Mucilage, paste, and other adhesives, not elsewhere specified.	5	27	4	4	1	1	17	Oc	24	Je[3]	12	20	19	1	.....	.....	194,218
13	Musical instruments and materials, not specified.	14	1,499	9	24	47	82	1,337	Se	1,353	Ja	1,318	1,346	1,177	167	1	1	2,333,730
14	Musical instruments, pianos	8	1,591	.....	34	84	41	1,432	De	1,783	Ja	1,160	1,727	1,466	239	18	4	4,873,370
15	Oil, essential	22	41	27	1	.....	.....	13	Se	47	De[4]	0	49	49	.....	.....	.....	57,095
16	Oil, vegetable and animal	3	29	.....	7	2	4	16	Mh[3]	17	Ja	14	16	16	.....	.....	.....	170,798
17	Optical goods	16	407	7	28	10	26	336	De	375	Ja	288	455	374	65	11	5	762,406
18	Paints	17	293	4	37	63	31	158	Se	173	Fe	147	160	136	24	.....	.....	1,284,378
19	Paper and wood pulp	26	2,382	4	76	53	35	2,214	Oc	2,395	Ap	2,008	2,293	2,191	98	2	2	13,030,002
20	Paper goods, not elsewhere specified.	6	342	.....	15	6	10	311	De	379	Je	278	378	224	118	4	32	1,084,288
21	Patent medicines and compounds	83	749	53	83	109	84	420	.....		.....		516	158	340	1	17	1,760,003
22	Patent and proprietary medicines	63	631	43	61	78	70	379	De	463	Ap	324	470	123	329	1	17	1,525,523
23	Patent and proprietary compounds, including compounds not elsewhere specified.	20	118	10	22	31	14	41	Au	57	De[3]	31	46	35	11	.....	.....	234,570
24	Paving materials	39	440	35	25	14	7	359	Jy	488	Fe	193	487	487	.....	.....	.....	1,488,477
25	Perfumery and cosmetics	10	66	6	8	3	1	48	Se[3]	49	Jy	47	50	15	22	.....	13	118,219
26	Phonographs and graphophones	13	2,368	3	57	36	94	2,178	De	2,321	Ja	1,895	2,330	1,952	358	20	.....	4,766,616
27	Photographic materials	4	38	.....	7	2	5	24	De[3]	26	Se[3]	22	27	22	5	.....	.....	116,379
28	Photo-engraving	6	133	2	13	19	8	91	De	103	Je	84	101	93	8	.....	.....	120,221
29	Pickles, preserves, and sauces	30	1,410	20	52	78	39	1,221	Se	2,589	My	694	1,395	760	632	3	.....	4,151,228
30	Plumbers' supplies, not elsewhere specified.	6	556	.....	28	16	9	503	De	717	Ja	330	696	665	26	5	.....	1,584,324
31	Pottery	8	843	4	35	35	22	747	De	810	Ja	695	814	702	98	12	2	2,556,661
32	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	16	227	10	16	13	20	168	No	226	Mh	132	189	145	44	.....	.....	804,324
33	Printing and publishing, book and job.	278	4,005	260	233	212	259	3,041	.....		.....		3,197	2,075	933	101	88	7,979,717
34	Job printing	256	3,741	244	214	170	191	2,922	No	3,050	Ja	2,669	3,074	1,980	915	96	83	6,712,827
35	Book publishing and printing	12	146	3	14	41	61	27	No[3]	32	Fe	23	25	10	8	2	5	1,094,521
36	Linotype work and typesetting	10	118	13	5	1	7	92	Oc	104	Ja	82	98	85	10	3	.....	172,369
37	Printing and publishing, music	4	7	3	1	.....	.....	3	(5)	3	(5)	3	3	2	1	.....	.....	5,060
38	Printing and publishing, newspapers and periodicals.	559	5,957	500	454	871	621	3,511	.....		.....		3,646	2,817	783	44	2	10,931,688
39	Printing and publishing	41	1,869	18	111	460	216	1,064	De[3]	1,093	Ja	1,031	1,118	1,037	75	6	.....	3,458,010
40	Printing, publishing, and job printing.	445	3,868	459	289	361	317	2,442	Oc	2,501	Ja	2,360	2,523	1,777	706	38	2	7,189,829
41	Publishing without printing	73	220	23	54	50	88	5	(5)	5	(5)	5	5	3	2	.....	.....	283,849
42	Pumps, not including power pumps	11	2,504	13	193	838	265	1,195	De	1,509	Je	732	1,514	1,504	5	4	1	10,728,292
43	Pumps, steam	4	869	1	24	74	34	736	De	778	Je	680	778	758	20	.....	.....	2,919,923
44	Roofing materials	7	322	1	17	30	20	254	Oc	331	De	200	236	212	24	.....	.....	2,015,105
45	Rubber tires, tubes, and rubber goods, not elsewhere specified.	15	3,730	1	174	449	189	2,917	No	3,137	Ja	2,626	2,808	2,441	424	.....	3	25,182,334
46	Saddlery and harness	114	686	127	51	39	16	453	Ja	506	Jy	404	513	391	119	2	1	1,858,008
47	Sand-lime brick	3	45	.....	6	1	1	37	Ap	53	Ja	16	35	35	.....	.....	.....	196,883
48	Scales and balances	5	114	.....	11	6	6	91	Oc	103	Ja	82	84	78	6	.....	.....	308,349
49	Screws, machine	3	38	2	1	1	2	32	Se	46	Ja	22	38	35	3	.....	.....	71,892
50	Shirts	14	2,100	.....	48	17	44	1,991	No	2,159	Je	1,828	2,153	192	1,671	19	271	4,128,880
51	Show cases	3	142	.....	14	7	6	115	No	145	Ja	95	128	117	11	.....	.....	344,975
52	Signs and advertising novelties	12	125	6	14	7	20	78	No	99	Ja	52	103	41	57	1	4	185,276
53	Slaughtering and meat packing	57	6,617	59	132	617	118	5,691	Ja	6,664	Au	5,291	5,550	5,045	446	47	12	28,564,709
54	Smelting and refining, not from the ore.	4	337	3	25	31	21	257	Ja	277	De	233	233	226	7	.....	.....	2,944,594
55	Soap	10	663	1	27	83	12	540	Se	585	De	500	501	325	169	1	6	3,762,673
56	Sporting and athletic goods	5	290	.....	13	25	18	234	De	299	Ja	180	300	127	147	17	9	465,134
57	Stamped and enameled ware, not elsewhere specified.	7	1,475	3	22	33	40	1,377	Oc	1,467	Mh	1,307	1,353	928	392	10	23	2,925,025
58	Stationery goods, not elsewhere specified.	7	301	4	25	25	20	227	Au	309	Fe	177	270	96	165	4	5	633,583
59	Steam fittings and steam and hot-water heating apparatus.	9	623	2	26	35	19	541	.....		.....		766	735	30	1	.....	1,735,331
60	Radiators and cast-iron heating boilers.	5	412	2	11	25	11	363	De[3]	538	Mh	250	538	537	.....	1	.....	1,230,894
61	All other	4	211	.....	15	10	8	178	De	229	Oc	63	228	198	30	.....	.....	504,437
62	Stereotyping and electrotyping	4	108	1	9	6	3	89	De	93	Ja	84	93	86	2	5	.....	170,776
63	Stoves and hot-air furnaces	25	1,988	5	108	162	57	1,656	.....		.....		1,802	1,779	19	3	1	5,329,903
64	Stoves and ranges	18	1,791	5	89	143	44	1,510	Oc	1,683	Ja	1,140	1,636	1,625	8	3	.....	4,819,999
65	Hot-air furnaces and fireless cookers.	7	197	.....	19	19	13	146	No	175	My	123	166	154	11	.....	1	509,904

[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.*								
141,338	65,606	383,642	7,878	14,412	42,008	1,424,282	21,922	2,487,263	1,041,059	905	120	.....	.....	191	594	.....	1
10,522	1,000	89,647	3,827	7,107	765	256,092	697	440,545	183,756	26	.....	.....	.....	.....	26	.....	2
6,650	1,000	82,814	.....	5,400	677	239,777	420	393,709	153,512	22	.....	.....	.....	.....	22	.....	3
3,872	.....	6,833	3,827	1,707	88	16,315	277	46,836	30,244	4	.....	.....	.....	.....	4	.....	4
115,928	46,521	406,571	3,478	19,725	161,174	1,636,672	73,835	3,096,799	1,388,292	1,729	1,070	.....	10	.....	649	100	5
83,070	33,651	355,724	3,478	18,858	132,090	1,493,382	55,587	2,726,568	1,177,599	926	370	.....	10	.....	546	4	6
32,858	12,870	50,847	.....	867	29,084	143,290	18,248	370,231	208,693	803	700	.....	.....	.....	103	96	7
16,569	3,594	32,583	.....	321	7,369	47,527	5,798	131,666	78,341	503	278	.....	.....	.....	225	.....	8
39,412	2,558	63,907	.....	5,380	6,618	429,405	6,225	667,978	232,348	161	71	.....	.....	.....	90	.....	9
37,622	10,383	385,912	663	13,754	3,334	160,302	7,152	784,559	617,105	374	.....	.....	33	.....	341	.....	10
89,215	46,500	511,618	.....	2,628	110,802	1,801,625	35,486	2,968,160	1,131,049	805	.....	.....	.....	.....	805	.....	11
5,488	1,402	16,679	210	1,350	874	52,311	8,647	78,139	17,181	242	216	.....	.....	.....	26	.....	12
80,064	83,836	1,228,834	313	2,935	105,259	1,057,950	43,319	3,148,410	2,047,141	825	.....	.....	20	.....	805	25	13
203,638	224,249	1,578,620	.....	.....	187,659	3,293,660	82,377	6,978,030	3,601,993	2,184	1,715	.....	.....	.....	469	990	14
1,000	.....	15,535	.....	252	5,431	20,623	4,729	179,288	153,936	30	10	.....	4	.....	25	.....	15
20,446	5,890	15,273	.....	430	10,472	162,278	2,766	298,355	133,311	35	20	.....	.....	.....	15	.....	16
81,603	29,731	296,211	.....	24,755	35,907	463,103	9,693	1,211,880	739,084	230	.....	.....	.....	.....	230	.....	17
77,304	116,317	135,878	.....	27,736	46,559	1,627,729	12,967	2,419,500	778,804	731	.....	.....	8	.....	723	.....	18
298,835	144,741	2,238,632	1,020	25,726	623,689	8,106,856	1,407,310	15,120,059	5,605,893	25,485	20,607	2,921	42	350	1,565	4,074	19
35,106	15,970	336,204	.....	460	108,212	2,337,125	51,304	3,362,010	973,581	1,838	800	.....	.....	800	238	10	20
293,061	197,814	327,920	19,472	25,895	180,777	1,366,529	16,827	4,481,247	3,097,891	469	140	.....	10	.....	319	200	21
235,841	128,963	289,347	19,304	20,284	170,420	1,173,748	11,827	3,974,926	2,789,351	219	100	.....	4	.....	115	200	22
57,220	68,851	38,573	168	5,611	10,357	192,781	5,000	506,321	308,540	250	40	.....	6	.....	204	.....	23
64,232	24,573	327,905	2,550	13,994	16,173	202,480	100,242	902,718	599,996	8,533	5,337	.....	170	.....	3,026	.....	24
22,398	4,206	21,621	.....	3,872	2,404	168,550	953	297,405	127,902	18	.....	.....	.....	.....	18	.....	25
305,533	87,677	1,757,676	2,076	3,391	217,951	3,926,077	83,458	7,977,495	3,967,960	2,807	1,550	150	.....	.....	1,107	1,626	26
19,520	5,341	22,354	.....	3,084	1,323	75,473	1,357	179,710	102,880	32	.....	.....	6	.....	26	1	27
38,352	20,344	136,790	.....	7,411	6,794	45,185	3,688	367,908	319,035	101	.....	.....	.....	.....	101	.....	28
172,342	174,997	892,696	498	19,177	128,030	5,730,475	73,045	8,924,581	3,121,061	1,602	1,222	.....	11	50	319	1,776	29
63,372	29,439	528,150	505	100	12,182	1,026,960	50,219	1,934,769	857,590	1,568	997	.....	.....	.....	571	154	30
105,291	71,048	881,217	250	6,314	177,116	621,508	156,462	2,624,121	1,846,151	711	505	.....	5	.....	201	158	31
39,671	23,700	146,790	.....	5,176	14,872	2,057,154	7,690	2,482,105	417,261	232	158	.....	.....	.....	74	.....	32
651,554	461,040	2,790,208	360,204	174,074	136,939	4,119,008	102,028	10,741,232	6,520,196	3,167	810	.....	54	.....	2,303	486	33
601,226	362,110	2,651,011	114,042	170,456	129,596	4,070,967	94,647	9,927,337	5,761,723	3,108	810	.....	54	.....	2,244	486	34
42,408	93,824	10,408	245,962	828	5,492	12,356	2,570	567,466	552,540	.....	.....	.....	.....	.....	.....	.....	35
7,920	5,106	128,789	200	2,790	1,851	35,685	4,811	246,420	205,933	59	.....	.....	.....	.....	59	.....	36
900	.....	2,778	7,131	1,662	18	410	66	17,298	16,822	2	.....	.....	2	.....	.....	.....	37
1,110,505	1,477,048	3,718,805	839,240	175,457	344,108	5,475,746	212,089	19,184,687	13,496,852	6,178	69	5	406	.....	5,698	73	38
375,979	733,345	1,388,140	40,207	58,147	184,229	2,358,747	67,532	7,623,659	5,197,380	2,006	.....	.....	3	.....	2,003	.....	39
631,172	606,016	2,325,705	108,642	104,977	155,852	2,996,943	143,785	10,255,417	7,114,689	4,170	69	5	403	.....	3,693	73	40
103,354	137,687	4,960	690,391	12,333	4,027	120,056	772	1,305,611	1,184,783	2	.....	.....	.....	.....	2	.....	41
620,594	1,736,416	1,399,682	150	2,970	285,702	2,388,892	72,094	10,165,589	7,704,603	3,832	200	.....	4	.....	3,628	.....	42
195,102	136,022	975,547	.....	4,910	231,939	1,042,858	93,127	3,287,442	2,151,457	1,145	650	.....	.....	.....	495	282	43
62,823	98,495	297,819	3,228	444	50,522	1,556,701	127,932	2,758,959	1,074,326	1,379	240	750	.....	.....	389	434	44
535,300	796,785	3,017,677	.....	4,565	475,057	11,600,824	415,952	20,883,668	8,866,892	11,696	3,855	2,125	.....	600	5,116	1,540	45
115,683	70,737	440,219	472	47,713	38,107	1,409,986	22,965	2,520,166	1,087,215	605	62	.....	33	.....	510	.....	46
12,222	1,626	46,407	.....	.....	1,126	41,754	11,505	141,759	88,500	517	517	.....	.....	.....	.....	.....	47
21,865	13,616	93,404	.....	900	2,568	82,919	6,453	309,561	220,189	70	.....	.....	.....	.....	70	.....	48
1,400	1,088	32,989	604	455	523	38,794	2,725	99,555	58,036	95	.....	.....	18	.....	77	.....	49
126,939	79,246	1,072,575	.....	12,761	115,111	6,333,037	30,397	8,906,333	2,542,899	1,382	1,325	.....	.....	.....	57	352	50
38,120	11,576	88,476	.....	1,200	10,886	345,241	13,554	576,433	217,638	288	.....	.....	.....	.....	288	.....	51
38,187	15,438	54,139	15,644	4,422	2,077	150,827	1,892	371,625	218,906	31	.....	.....	.....	.....	31	.....	52
590,882	923,409	5,470,261	8,077	25,203	647,568	121,003,378	686,316	134,028,726	12,339,032	11,395	6,676	2,038	13	.....	2,668	3,780	53
144,496	89,054	434,500	.....	.....	151,544	3,325,608	84,628	4,899,444	1,489,208	915	305	.....	.....	.....	610	.....	54
79,939	160,954	532,091	8,672	4,258	382,657	3,016,713	53,888	5,678,183	2,607,582	1,247	174	.....	.....	.....	1,073	.....	55
33,437	38,383	176,638	.....	3,045	26,967	355,955	8,690	511,394	146,749	183	100	.....	.....	.....	83	.....	56
94,920	82,844	1,332,301	.....	.....	379,799	1,868,021	106,856	5,248,288	3,273,411	2,202	1,100	.....	.....	.....	1,102	.....	57
66,733	39,400	150,412	.....	7,542	67,792	769,367	5,423	1,279,264	504,474	205	.....	.....	.....	.....	205	.....	58
77,552	54,194	659,278	.....	1,720	30,582	1,105,328	88,355	2,329,547	1,135,864	750	360	.....	9	.....	381	90	59
29,888	35,865	440,469	.....	300	9,415	764,572	59,304	1,547,924	724,048	265	210	.....	9	.....	46	90	60
47,664	18,329	218,809	.....	1,420	21,167	340,756	29,051	781,623	411,816	485	150	.....	.....	.....	335	.....	61
25,493	9,609	93,672	.....	4,320	2,422	99,478	8,471	288,908	180,959	281	.....	.....	.....	.....	281	.....	62
338,785	528,739	2,075,645	8,631	17,413	152,439	3,053,642	128,447	7,761,870	4,579,781	2,880	375	.....	22	.....	2,483	105	63
291,591	420,570	1,915,786	7,331	12,503	144,816	2,579,951	122,684	6,809,092	4,106,457	2,709	375	.....	22	.....	2,312	105	64
47,194	108,169	159,859	1,300	4,910	7,623	473,691	5,763	952,778	473,324	171	.....	.....	.....	.....	171	.....	65

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

TABLE 35.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	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.
																		Dollars.
1	Structural ironwork, not made in steel works or rolling mills.	23	2,499	9	116	288	71	2,015	Ja	2,736	Oc	1,338	1,886	1,884	2	.....	.....	6,314,307
2	Surgical appliances	5	52	4	2	7	11	28	(3)	28	(3)	28	29	19	10	.....	.....	35,092
3	Tobacco, chewing and smoking, and snuff.	14	74	17	4	4	.....	49	.....	.....	.....	.....	53	26	27	.....	.....	101,196
4	Plug or chewing	4	35	5	1	3	.....	26	De	30	Au [4]	22	29	12	17	.....	.....	61,594
5	Smoking and snuff	10	39	12	3	1	.....	23	No	26	Jy [4]	22	24	14	10	.....	.....	39,602
6	Tobacco, cigars	252	4,594	270	100	54	16	4,154	De	4,903	Ap	3,787	4,923	882	4,036	5	.....	16,228,300
7	Tools, not elsewhere specified	26	545	21	33	17	15	459	.....	.....	.....	.....	503	486	10	7	.....	1,640,944
8	Machinists' tools	13	194	10	18	8	5	153	De	193	Mh	115	206	203	2	1	.....	329,208
9	All other	13	351	11	15	9	10	306	No	360	My	252	297	283	8	6	.....	1,311,736
10	Toys and games	9	497	7	23	7	3	457	Ja	492	Ap	405	456	272	53	123	8	494,798
11	Trunks and valises	8	466	8	12	8	11	427	No	466	Ja	323	446	364	82	.....	.....	1,262,519
12	Varnishes	6	205	1	31	50	24	99	De	120	Ja	69	124	114	10	.....	.....	1,291,853
13	Vinegar and cider	3	18	2	3	2	.....	11	Je [4]	12	Se [4]	10	14	11	3	.....	.....	109,828
14	Wall plaster and composition flooring.	6	19	1	4	.....	.....	14	Au	16	De [4]	13	16	16	.....	.....	.....	43,868
15	Washing machines and clothes wringers.	3	134	.....	9	7	6	112	De	133	Ja	91	133	133	.....	.....	.....	443,269
16	Windmills	4	494	1	22	49	20	402	De	442	Je	382	434	433	.....	1	.....	1,971,042
17	Window and door screens and weather strips.	12	34	13	.....	.....	.....	21	Je	28	De	16	24	24	.....	.....	.....	58,425
18	Window shades and fixtures	3	43	3	.....	1	2	37	Se	52	Ja	25	43	16	27	.....	.....	149,278
19	Wirework, not elsewhere specified	21	769	14	40	30	53	632	.....	.....	.....	.....	604	531	62	7	4	1,623,178
20	Woven-wire fencing	7	384	2	25	21	35	301	Ap	384	No	220	246	239	7	.....	.....	839,369
21	All other	14	385	12	15	9	18	331	Au	366	My	292	358	292	55	7	4	783,809
22	Wood preserving	5	227	.....	15	29	6	177	No	211	Ja	117	166	166	.....	.....	.....	1,222,671
23	Wood, turned and carved	31	937	18	51	21	25	822	Fe	855	Se	781	836	747	84	5	.....	1,584,296
24	Wooden goods, not elsewhere specified.	13	439	10	25	16	14	374	Fe	396	No	343	411	336	74	1	.....	661,008
25	Woolen goods	11	1,006	8	19	24	7	948	De	1,005	Fe	838	1,006	481	505	9	11	3,120,611
26	All other industries*	168	27,714	63	1,004	1,810	1,080	23,757	.....	.....	.....	.....	.....	.....	.....	.....	.....	225,832,255

*All other industries embrace—

Airplanes, seaplanes, and airships, and parts 1
Aluminum manufactures, ingots 1
Ammunition 2
Artificial flowers 1
Artists' materials, crayons 1
Asbestos products, not including steam packing 2
Babbitt and white metal 1
Bags, other than paper, not including bags made in textile mills 2
Bags, paper, exclusive of those made in paper mills 2
Baking powders 4
Belting, woven 2
Belting, leather 3
Blacking, stains, and dressings 3
Bluing 3
Boots and shoes, rubber 1
Brushes 3
Candles 1
Cardboard, not made in paper mills 1
Charcoal, not including production in the lumber and wood distillation industries 1
Cheese 2
Chewing gum 1
China decorating, not including that done in potteries 1
Coal-tar products 1
Coke, not including gas-house coke 5
Cordage and twine 1
Corsets 2
Crucibles, glass house pots, etc 1
Dyeing and finishing textiles, exclusive of that done in textile mills 2
Emery and other abrasive wheels 2
Enameling 1
Engraving, wood 4
Envelopes 1
Explosives 2
Fancy articles, not elsewhere specified 2
Feathers and plumes 1
Files 3
Fireworks 2
Flax and hemp, dressed 1
Foundry supplies 2
Fuel, manufactured 2
Furnishing goods, men's 2
Furs, dressed 2
Galvanizing 1
Glucose and starch 3
Hair work 1
Hardware, saddlery 2
Hats, straw 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]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
428,063	566,927	2,898,831	22,468	3,484	519,318	7,542,365	307,569	14,449,966	6,600,032	21,152	1,214	.....	100	.....	19,838	855	1
4,151	23,913	14,910	908	2,306	4,952	23,807	956	135,489	110,726	27	.....	.....	.....	.....	27	.....	2
5,100	4,642	36,380	.....	1,205	45,375	138,406	918	279,369	140,045	21	8	.....	5	.....	8	.....	3
1,600	3,142	19,741	.....	84	17,608	95,102	514	164,880	69,264	13	8	.....	5	.....	.....	.....	4
3,500	1,500	16,639	.....	1,121	27,767	43,304	404	114,489	70,781	8	.....	.....	.....	.....	8	.....	5
166,176	182,104	2,467,219	832	48,785	1,216,299	4,953,343	25,501	10,065,943	5,087,099	556	300	.....	6	.....	250	150	6
64,179	34,601	497,266	21,996	9,739	60,647	679,224	39,090	3,901,906	3,183,592	1,062	530	.....	57	.....	475	.....	7
29,589	11,126	184,047	16,383	3,286	1,971	78,045	7,286	487,901	402,570	153	.....	.....	.....	.....	153	.....	8
34,590	23,475	313,219	5,613	1,453	58,676	601,179	31,804	3,414,005	2,781,022	909	530	.....	57	.....	322	.....	9
38,070	6,016	283,589	520	1,332	9,682	367,134	4,624	860,509	488,751	437	250	.....	15	.....	172	20	10
35,151	33,550	416,582	.....	3,471	22,888	715,643	17,753	1,348,231	614,835	310	105	.....	.....	.....	205	2	11
104,958	132,591	99,177	.....	120	22,811	1,147,765	11,907	1,895,523	735,851	213	85	.....	.....	.....	128	.....	12
5,107	3,294	7,345	.....	120	1,256	66,851	401	104,017	36,765	33	20	.....	.....	.....	13	.....	13
2,996	.....	13,500	.....	270	596	24,150	1,585	49,773	24,038	216	125	.....	.....	.....	91	.....	14
39,659	9,753	120,460	.....	.....	2,396	521,902	5,400	880,967	353,665	387	35	.....	25	.....	327	.....	15
76,885	96,145	338,065	.....	.....	49,449	856,026	30,018	1,556,315	670,271	1,885	920	.....	85	850	30	480	16
.....	.....	23,425	.....	255	647	38,656	838	82,700	43,206	75	.....	.....	39	.....	36	.....	17
.....	2,510	14,417	.....	60	282	144,033	1,246	188,758	43,479	16	.....	.....	14	.....	2	4	18
173,985	83,387	569,781	61,407	4,583	58,132	2,633,018	36,279	4,209,267	1,539,970	1,462	225	.....	69	.....	1,168	46	19
91,421	47,493	315,268	.....	500	45,324	1,754,363	19,920	2,583,416	809,133	761	.....	.....	35	.....	726	.....	20
82,564	35,894	254,513	61,407	4,083	12,808	878,655	16,359	1,625,851	730,837	701	225	.....	34	.....	442	46	21
46,636	23,506	211,304	.....	1,878	26,086	1,164,500	48,666	1,783,912	570,746	760	760	.....	.....	.....	.....	170	22
132,138	57,309	650,994	1,226	4,721	24,898	1,772,743	10,324	3,048,772	1,265,705	2,628	2,395	.....	19	.....	214	10	23
63,500	35,188	322,763	.....	2,158	9,445	590,096	17,884	1,258,909	650,929	890	540	.....	6	.....	344	.....	24
116,483	113,296	725,120	.....	480	100,552	3,248,027	71,956	4,542,067	1,222,084	1,860	1,400	.....	.....	200	260	310	25
3,635,326	3,804,726	31,518,581	153,777	56,937	22,900,035	181,085,390	44,768,524	326,928,097	101,074,183	175,775	35,925	54,855	58,291	1,250	25,454	100,526	26

Instruments, professional and scientific.... 4
Iron and steel, blast furnaces.... 3
Iron and steel, cast-iron pipe.... 1
Iron and steel, doors and shutters.... 2
Iron and steel, wrought pipe.... 2
Lard, prime, not made in slaughtering and meat-packing establishments.... 1
Liquors, distilled, grain alcohol.... 1
Matches.... 1
Musical instruments, piano materials.... 2
Oilcloth and linoleum, floor.... 1
Ordnance and accessories.... 1
Petroleum, refining.... 3
Photographic apparatus.... 1
Plated ware, knives, forks, spoons, and flatware.... 1
Printing materials.... 1
Pulp goods.... 2
Refrigerators.... 3
Regalia, and society badges and emblems.... 1
Safes.... 1
Sausage, not made in slaughtering and meat-packing establishments.... 2
Saws.... 2
Sewing-machine cases.... 2
Shipbuilding, steel, repair work only.... 2
Shipbuilding, wooden, including boat-building.... 5
Smelting and refining, lead.... 2
Smelting and refining, zinc.... 2
Springs, steel, automobile, not made in steel works or rolling mills.... 3
Statuary and art goods.... 1
Steam packing.... 3
Steel barrels, drums, and tanks, portable.... 2
Stoves, gas and oil.... 2
Sugar, beet.... 1
Textile machinery and parts.... 2
Tin plate and terneplate.... 2
Tinware, not elsewhere specified.... 2
Typewriters and supplies.... 2
Umbrellas and canes.... 1
Upholstering materials, excelsior, and curled hair.... 4
Vault lights and ventilators.... 1
Wall paper, not made in paper mills.... 2
Waste.... 1
Watches.... 1
Wire.... 2
Wool pulling.... 1

[3] Same number reported throughout the year.

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

TABLE 35.—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.
	CITIES OF 50,000 INHABITANTS OR MORE[3]—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	**EVANSVILLE**—All industries	299	14,452	194	596	731	405	12,526	No 13305	Ap 11915	13,280	9,085	4,066	64	65	*Dollars.* 47,268,374
2	Agricultural implements	4	318	.....	29	26	8	255	No 268	My 234	257	256	1	.....	.....	1,692,540
3	Automobile repairing	12	49	16	1	.....	2	30	My 33	No[4] 28	31	31	.....	.....	.....	29,498
4	Bread and other bakery products	24	202	27	9	37	5	124	De 139	Fe[4] 108	140	124	14	2	.....	500,678
5	Carriage and wagon materials	4	211	.....	6	2	6	197	No 218	Ap 169	216	215	1	.....	.....	539,065
6	Clothing, men's and youths'	5	288	1	9	17	11	250	De 278	Mh 219	278	26	245	.....	7	617,862
7	Coffee, roasting and grinding	5	24	3	2	5	3	11	De[4] 12	Se[4] 10	12	7	5	.....	.....	125,360
8	Confectionery and ice cream	9	44	10	3	.....	4	27	.....	.....	37	25	12	.....	.....	60,260
9	Confectionery	6	29	7	2	.....	4	16	Oc 20	Ja 13	19	10	9	.....	.....	37,064
10	Ice cream	3	15	3	1	.....	.....	11	Au[4] 19	De[4] 6	18	15	3	.....	.....	23,196
11	Copper, tin, and sheet-iron work	14	67	11	4	1	.....	51	De[4] 59	Ja 38	60	59	.....	1	.....	70,645
12	Electroplating	3	18	3	.....	.....	.....	15	De[4] 17	Jy[4] 14	17	17	.....	.....	.....	7,565
13	Flour-mill and gristmill products	7	349	4	20	15	41	269	Oc 310	Mh 234	285	279	6	.....	.....	3,222,515
14	Foundry and machine-shop products	8	171	5	15	4	2	145	No 185	Mh 123	172	172	.....	.....	.....	395,657
15	Furniture	24	2,472	2	101	108	34	2,227	De 2,350	Mh 1,999	2,350	2,232	117	1	.....	6,179,641
16	Lumber, planing-mill products, not including planing mills connected with sawmills.	7	178	1	25	15	3	134	Je 148	Ja 99	147	142	1	4	.....	745,555
17	Marble and stone work, except slate	5	70	2	6	14	5	43	Jy 53	Ja 32	49	49	.....	.....	.....	172,037
18	Mineral and carbonated waters	6	45	1	6	2	3	33	Jy 44	Ja 25	31	31	.....	.....	.....	90,524
19	Printing and publishing, job printing	11	162	5	14	7	6	130	De[4] 138	Fe 121	138	101	33	3	1	305,078
20	Printing and publishing, newspapers and periodicals.	5	233	2	16	42	36	137	Oc 144	Ja 128	139	130	9	.....	.....	425,545
21	Saddlery and harness	7	94	7	10	6	1	70	De 77	Ja 63	78	51	27	.....	.....	158,716
22	Stoves and ranges	4	421	.....	18	29	5	369	Oc[4] 388	Ja 335	382	382	.....	.....	.....	1,114,203
23	Tobacco, cigars	22	2,770	24	47	31	7	2,661	De 3,058	Jy 2,462	3,058	219	2,839	.....	.....	4,641,697
24	All other industries *	113	6,266	70	255	370	223	5,348	.....	.....	5,403	4,537	756	53	57	26,173,733

*All other industries embrace—
Artificial stone products 2
Automobile bodies and parts 3
Awnings, tents, and sails 1
Belting, leather 1
Bluing 1
Boxes, cigar 2
Boxes, set-up paper boxes 1
Boxes, wooden packing, except cigar boxes 2
Brass and bronze products 2
Brooms, from broom corn 4
Butter 3
Carpets, rag 1
Carriages and wagons, including repairs 6
Cars and general shop construction and repairs by electric-railroad companies 1
Cars and general shop construction and repairs by steam-railroad companies 2
Coffins, burial cases, and undertakers' goods 1
Cooperage, hogsheads and barrels 3
Cotton goods 1
Cutlery and edge tools, axes and hatchets 1
Druggists' preparations 1
Electrical machinery, apparatus, and supplies 2
Emery and other abrasive wheels 1
Enameling 1
Engines, steam, gas, and water 3
Engraving, steel and copper plate, including plate printing 1
Flavoring extracts 2
Food preparations, not elsewhere specified 4

1	**FORT WAYNE**—All industries	247	20,462	204	616	2,220	1,078	16,344	De 18,608	Ja 15,163	17,948	13,326	4,257	162	203	55,302,631
2	Automobile bodies and parts	6	37	5	2	1	.....	29	Jy 32	Ja 25	30	26	4	.....	.....	106,110
3	Automobile repairing	3	16	3	.....	.....	1	12	De[4] 12	No[4] 11	12	12	.....	.....	.....	10,424
4	Bread and other bakery products	26	659	24	39	65	24	507	No 543	Mh 470	537	363	155	9	10	1,104,889
5	Clothing, women's	6	405	2	15	23	14	351	My 362	Au 337	357	16	341	.....	.....	312,693
6	Confectionery and ice cream	9	182	10	9	18	7	138	Oc[4] 149	Mh 123	153	66	79	.....	8	404,811
7	Copper, tin, and sheet-iron work	11	75	15	7	2	1	50	Se 60	Fe 42	59	59	.....	.....	.....	98,874
8	Foundry and machine-shop products	18	984	10	43	50	13	868	Ja 1,027	Au 718	886	882	4	.....	.....	3,438,576
9	Ice, manufactured	3	46	2	6	3	2	33	Jy 69	Ja 15	26	26	.....	.....	.....	163,752
10	Lumber and timber products	4	132	4	7	7	3	111	No 132	Ja 84	130	130	.....	.....	.....	677,338
11	Lumber, planing-mill products, not including planing mills connected with sawmills.	9	102	11	6	1	2	82	De 91	Ja 71	91	91	.....	.....	.....	244,447
12	Marble and stone work	8	43	13	3	.....	.....	27	.....	.....	35	35	.....	.....	.....	36,283
13	Monuments and tombstones	4	14	8	.....	.....	.....	6	(5) 6	(5) 6	6	6	.....	.....	.....	14,160
14	Other marble and stone work, except slate.	4	29	5	3	.....	.....	21	Oc[4] 31	Fe[4] 3	29	29	.....	.....	.....	22,123
15	Mineral and soda waters	5	31	6	1	.....	1	23	Au[4] 27	Fe[4] 19	23	20	.....	3	.....	45,208
16	Optical goods	3	32	1	4	5	1	21	De[4] 22	Oc[4] 20	22	17	5	.....	.....	32,315
17	Patent medicines and compounds	8	128	7	6	5	9	101	De 126	Ap 70	126	24	90	.....	12	210,438
18	Printing and publishing, book and job.	16	350	15	23	28	30	254	.....	.....	279	185	84	8	2	571,344
19	Job printing	13	323	9	19	24	27	244	De 266	Ap 220	266	173	84	7	2	540,391
20	Book publishing, linotype work	3	27	6	4	4	3	10	De 13	Ja 7	13	12	.....	1	.....	30,953
21	Tobacco, cigars	26	184	27	5	3	1	148	No[4] 179	Ap 66	176	149	27	.....	.....	209,458
22	All other industries *	86	17,056	49	440	2,009	969	13,589	.....	.....	15,006	11,225	3,468	142	171	47,635,671

*All other industries embrace—
Artificial stone products 2
Awnings, tents, and sails 2
Bags, paper, exclusive of those made in paper mills 1
Belting, leather 1
Boxes, cigar 1
Boxes, paper and other, not elsewhere specified 2
Brass and bronze products 1
Brooms, from broom corn 1
Butter 3
Carpets, rag 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
Cleansing and polishing preparations 1
Clothing, men's 2
Coffee, roasting and grinding 3
Condensed milk 1
Druggists' preparations 1
Electrical machinery, apparatus, and supplies 4
Engraving, steel and copper plate, including plate printing 1
Flavoring extracts 1
Flour-mill and gristmill products 2
Fur goods 4
Furniture, store and office fixtures 1
Gas, illuminating and heating 1
Gas machines 1
Glass, cutting, staining, and ornamenting 2
Gloves and mittens, leather 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] Excludes Gary, to avoid disclosure of individual operations.

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. 1,803,686	*Dollars.* 1,353,900	*Dollars.* 10,707,687	*Dollars.* 20,788	*Dollars.* 91,418	*Dollars.* 2,409,257	*Dollars.* 43,138,706	*Dollars.* 1,010,086	*Dollars.* 70,230,419	*Dollars.* 26,081,627	25,007	15,052	297	23	.....	9,635	3,564	1
99,450	43,555	257,070	5,000	2,000	31,992	544,952	49,780	1,520,534	925,802	737	370	.....	.....	.....	367	.....	2
1,500	1,400	31,299	.....	5,235	493	17,207	1,524	74,362	55,631	54	.....	.....	.....	.....	54	.....	3
24,337	37,524	135,431	.....	5,390	7,293	721,444	20,392	1,136,527	394,691	222	.....	.....	.....	.....	222	.....	4
26,359	8,018	169,658	.....	44	20,774	704,700	13,987	1,115,037	396,350	1,088	275	.....	.....	.....	813	.....	5
28,715	65,577	111,548	.....	7,500	35,766	527,242	3,965	930,693	399,486	74	.....	.....	.....	.....	74	.....	6
2,800	6,728	8,722	.....	1,380	918	254,062	1,826	310,797	54,909	79	25	.....	.....	.....	54	.....	7
3,440	2,873	18,585	.....	3,762	3,523	77,580	1,466	145,466	66,420	19	.....	.....	.....	.....	19	.....	8
2,940	2,873	9,155	.....	3,162	991	51,773	959	91,077	38,345	7	.....	.....	.....	.....	7	.....	9
500	.....	9,430	.....	600	2,532	25,807	507	54,389	28,075	12	.....	.....	.....	.....	12	.....	10
6,921	1,112	57,233	.....	2,745	783	65,746	664	169,322	102,912	9	.....	.....	.....	.....	9	.....	11
.....	.....	13,923	.....	912	101	7,169	810	25,738	17,759	45	.....	.....	.....	.....	45	.....	12
78,675	50,654	263,904	.....	.....	86,610	9,475,169	68,278	10,514,518	971,071	2,106	1,941	125	.....	.....	40	378	13
31,722	5,038	165,903	.....	1,732	13,606	177,723	10,713	463,827	275,391	293	155	.....	1	.....	137	.....	14
313,817	246,306	1,879,461	.....	3,625	292,149	4,024,233	67,576	8,605,189	4,513,380	4,758	3,685	22	.....	.....	1,051	287	15
45,405	16,876	94,828	4,200	190	8,229	428,538	13,276	739,412	297,598	925	325	.....	.....	.....	600	.....	16
15,237	33,632	48,203	2,470	.....	2,604	124,541	3,461	341,261	213,259	181	.....	.....	.....	.....	181	.....	17
11,050	4,207	34,443	.....	1,560	20,470	211,644	1,703	357,401	144,054	58	.....	.....	.....	.....	58	.....	18
31,257	16,589	111,754	.....	4,725	6,145	151,682	6,829	418,841	260,330	117	.....	.....	.....	.....	117	.....	19
63,090	72,212	170,557	2,050	3,889	29,740	479,086	11,259	789,802	599,457	231	.....	.....	.....	.....	231	.....	20
15,360	11,098	59,262	.....	4,860	1,693	211,244	2,131	350,946	137,571	47	.....	.....	.....	.....	47	.....	21
57,739	59,903	488,198	.....	.....	42,664	451,731	35,756	1,540,177	1,052,690	624	225	.....	.....	.....	399	.....	22
87,698	123,989	1,449,422	118	13,517	750,369	3,253,908	11,142	6,267,501	3,002,451	478	300	.....	.....	.....	178	150	23
859,114	546,609	5,138,283	6,950	28,352	1,053,335	21,529,105	683,548	34,413,068	12,200,415	12,862	7,751	150	22	.....	4,939	2,749	24

Gas, illuminating and heating..... 1
Glass..... 1
Hand stamps..... 1
Hardware, piano and organ..... 1
Hardware, saddlery..... 1
House-furnishing goods, mops and dusters..... 2
Ice, manufactured..... 2
Ink, writing..... 1
Lamps..... 1
Liquors, malt..... 2
Lumber and timber products..... 2
Mattresses and spring beds, not elsewhere specified..... 5
Millinery and lace goods, trimmed hats and hat frames..... 1
Mirrors, framed and unframed, not elsewhere specified..... 1
Models and patterns, not including paper patterns..... 2
Paints..... 2
Paper and wood pulp..... 1
Patent and proprietary medicines..... 5
Perfumery and cosmetics..... 1
Pickles and sauces..... 2
Plumbers' supplies, not elsewhere specified..... 2
Pottery, chinaware..... 2
Pumps, not including power pumps..... 1
Shipbuilding, wooden, including boat building..... 1
Signs and advertising novelties..... 1
Slaughtering and meat packing..... 4
Stamped ware, not elsewhere specified 2
Statuary and art goods..... 1
Structural ironwork, not made in steel works or rolling mills..... 3
Tobacco, chewing and smoking..... 5
Trunks and valises..... 1
Vinegar..... 1
Wood preserving..... 1

2,891,969	4,357,876	17,434,805	70,938	156,935	1,600,095	36,495,441	1,413,054	76,713,262	38,804,767	43,431	10,488	400	40	.....	32,503	2,884	1
2,840	2,100	35,100	.....	3,696	610	45,625	1,168	115,217	68,424	21	.....	.....	.....	.....	21	.....	2
.....	900	15,939	.....	2,040	66	19,730	536	48,782	28,516	9	3	.....	.....	.....	6	.....	3
82,870	147,129	498,240	17,105	20,071	120,350	2,069,358	49,522	3,862,040	1,743,160	784	80	.....	40	.....	664	.....	4
45,966	70,208	156,169	2,513	5,705	4,965	444,417	3,089	803,409	355,903	53	.....	.....	.....	.....	53	.....	5
47,725	53,394	97,329	.....	10,585	55,869	576,422	9,244	896,256	310,590	225	100	.....	.....	.....	125	1	6
9,624	2,566	82,027	.....	4,564	1,599	147,938	973	283,475	134,564	20	.....	.....	.....	.....	20	.....	7
125,561	89,355	989,553	1,117	7,470	323,647	1,282,677	56,491	3,963,115	2,623,947	1,657	250	.....	.....	.....	1,407	.....	8
12,840	6,120	34,358	1,573	48	3,256	24,177	27,979	201,372	149,216	580	550	.....	.....	.....	30	.....	9
37,100	16,347	98,329	.....	6,084	5,311	295,855	11,378	523,806	216,573	998	100	.....	.....	.....	898	.....	10
15,190	3,230	87,146	.....	2,500	3,958	336,165	8,314	505,428	160,949	793	150	.....	.....	.....	643	.....	11
4,950	.....	33,497	750	3,924	407	35,779	1,213	116,828	79,836	108	.....	.....	.....	.....	108	.....	12
.....	.....	8,536	750	504	156	13,156	341	32,261	18,764	13	.....	.....	.....	.....	13	.....	13
4,950	.....	24,961	.....	3,420	251	22,623	872	84,567	61,072	95	.....	.....	.....	.....	95	.....	14
1,140	420	24,602	.....	1,020	11,020	73,337	1,461	146,252	71,454	56	25	.....	.....	.....	31	.....	15
10,730	7,420	24,659	.....	4,064	684	22,754	501	97,274	74,019	7	.....	.....	.....	.....	7	.....	16
90,966	11,043	102,099	.....	6,476	16,170	289,120	2,589	933,599	641,890	55	.....	.....	.....	.....	55	.....	17
50,644	32,534	285,457	22,922	15,521	9,561	353,254	8,964	868,875	506,657	178	.....	.....	.....	.....	178	.....	18
46,380	28,667	268,165	21,104	14,799	9,507	351,928	8,262	832,244	472,054	175	.....	.....	.....	.....	175	.....	19
4,264	3,867	17,292	1,818	722	54	1,326	702	36,631	34,603	3	.....	.....	.....	.....	3	.....	20
9,939	4,854	152,651	.....	6,826	48,793	200,438	1,769	495,131	292,924	6	.....	.....	.....	.....	6	.....	21
2,343,884	3,910,256	14,717,560	24,958	56,341	993,839	30,278,395	1,227,863	62,852,403	31,346,145	37,881	9,230	400	.....	.....	28,251	2,883	22

Gloves and mittens, cloth, not including gloves made in textile mills..... 3
Grease and tallow, not including lubricating greases..... 1
Hand stamps..... 1
Iron and steel, steel works and rolling mills..... 1
Knit goods..... 3
Liquors, malt..... 2
Mattresses and spring beds, not elsewhere specified..... 1
Models and patterns, not including paper patterns..... 1
Musical instruments, pianos..... 1
Paints..... 1
Pickles and sauces..... 1
Plumbers' supplies, not elsewhere specified..... 1
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments..... 1
Printing and publishing, newspapers and periodicals..... 4
Pumps, not including power pumps..... 3
Pumps, steam..... 1
Saddlery and harness..... 4
Shipbuilding, steel, repair work only..... 1
Slaughtering and meat packing..... 3
Soap..... 1
Stoves and ranges..... 1
Vinegar..... 1
Washing machines and clothes wringers..... 1
Window and door screens and weather strips..... 2
Wood, turned and carved..... 1

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

[5] Same number reported throughout the year.

TABLE 35.—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.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
1	**INDIANAPOLIS—All industries**	1,004	61,006	600	2,772	4,843	2,814	49,977	De 55,319	Mh 45,289	54,912	44,513	9,982	245	172	*Dollars.* 207,544,404
2	Artificial stone products	12	93	7	18	5	4	59	Au 130	Fe 28	49	49	.....	.....	.....	251,288
3	Automobile bodies and parts	40	3,192	25	144	151	131	2,741	Oc 3,145	Fe 1,980	3,350	2,957	391	2	.....	9,488,638
4	Automobiles	7	6,600	.....	70	448	239	5,843	De 7,777	Fe 4,895	7,656	6,994	662	.....	.....	32,733,544
5	Automobile repairing	10	121	5	13	4	3	96	Mh 109	Ja 86	94	92	2	.....	.....	83,988
6	Awnings, tents, and sails	6	63	6	6	4	4	43	Jy [3] 65	Fe [2] 24	40	21	19	.....	.....	175,356
7	Bookbinding and blank-book making	11	75	8	9	.....	1	57	Oc 64	Mh [3] 52	62	33	26	1	2	97,524
8	Boxes, paper and other, not elsewhere specified.	4	377	.....	25	16	17	319	De 355	Fe 302	309	101	201	.....	7	748,652
9	Boxes, wooden packing, except cigar boxes.	7	174	5	10	1	3	155	No 178	My 124	166	138	20	8	.....	323,995
10	Brass, bronze, and copper products	8	391	3	22	12	4	350	De 437	Fe 286	451	447	3	1	.....	568,317
11	Bread and other bakery products	88	1,493	92	58	176	67	1,100	De 1,166	Fe 1,043	1,171	750	409	12	.....	3,468,770
12	Brooms	6	143	3	12	3	6	119	No 142	Ap 97	138	99	39	.....	.....	235,259
13	Butter	6	297	.....	25	21	32	219	Je 269	Ja 161	222	136	86	.....	.....	677,538
14	Carpets, rag	4	43	8	2	2	2	29	My 39	Ja 12	33	14	19	.....	.....	53,527
15	Carriages and wagons, including repairs.	3	76	1	7	.....	3	65	Jy 72	Ja 57	68	68	.....	.....	.....	79,568
16	Cars and general shop construction and repairs by steam-railroad companies.	13	2,994	.....	26	134	29	2,805	De 3,166	Ap 2,432	3,168	3,138	30	.....	.....	2,370,944
17	Chemicals	3	70	.....	7	15	13	35	Ja 49	Je 25	38	38	.....	.....	.....	625,427
18	Cleansing and polishing preparations	6	120	2	11	51	5	51	Ja 58	Je 41	56	19	37	.....	.....	255,499
19	Clothing, men's	8	1,891	7	47	94	115	1,628	Oc 1,755	Ja 1,317	1,750	436	1,276	9	29	2,962,303
20	Clothing, women's	9	591	2	29	38	14	508	No 569	Mh 429	497	52	441	1	3	936,326
21	Coffee, roasting and grinding	10	177	7	21	49	20	80	No [3] 97	My 61	92	65	25	.....	2	1,285,956
22	Confectionery and ice cream	29	1,013	24	51	104	29	805	.....	.....	593	181	365	11	36	2,261,681
23	Confectionery	21	811	18	30	99	22	642	No 734	Jy 541	425	22	359	8	36	1,653,910
24	Ice cream	8	202	6	21	5	7	163	Jy [3] 205	Fe [2] 125	168	159	6	3	.....	607,771
25	Copper, tin, and sheet-iron work	25	224	19	19	11	9	166	No [3] 195	Fe [2] 138	199	188	11	.....	.....	457,979
26	Dairymen's and poultrymen's supplies.	3	62	.....	8	1	3	50	No 65	Ap 42	31	30	.....	1	.....	155,751
27	Electrical machinery, apparatus, and supplies.	16	2,315	1	47	294	209	1,764	De 2,375	Ja 1,319	1,888	1,628	259	.....	1	7,294,621
28	Flour-mill and gristmill products	7	523	2	22	60	18	421	Se 485	Mh 381	429	425	4	.....	.....	4,796,180
29	Foundry and machine-shop products	71	7,268	33	248	669	458	5,860	.....	.....	6,763	5,829	929	5	.....	15,161,476
30	Boiler shops, foundries, and machine-shop and foundry combined.	19	4,338	7	130	197	172	3,832	De 4,514	Mh 2,475	4,512	3,919	593	.....	.....	7,150,373
31	Machine shops	52	2,930	26	118	472	286	2,028	De 2,286	Ap 1,800	2,251	1,910	336	5	.....	8,011,103
32	Furniture	27	1,988	15	78	105	44	1,746	.....	.....	1,870	1,657	178	34	1	3,911,591
33	Wood, rattan, and willow furniture.	20	1,558	12	62	85	30	1,369	No 1,456	Ja 1,221	1,446	1,275	138	32	1	3,093,012
34	Metal furniture, and store and office fixtures.	7	430	3	16	20	14	377	De 422	Ja 341	424	382	40	2	.....	818,579
35	Grease and tallow, not including lubricating greases.	3	36	.....	1	.....	1	34	Au 41	Je 22	36	36	.....	.....	.....	232,086
36	House-furnishing goods, not elsewhere specified.	6	20	6	.....	1	.....	13	De [3] 14	Se [3] 13	14	11	3	.....	.....	51,114
37	Ice, manufactured	12	288	1	46	15	13	213	Jy 297	Ja 145	164	162	2	.....	.....	1,982,627
38	Iron and steel, welding	5	14	5	.....	1	.....	8	Se 10	Oc 7	8	8	.....	.....	.....	7,810
39	Lumber and timber products	8	437	.....	24	17	5	391	No 423	Ja 324	402	392	10	.....	.....	1,851,431
40	Lumber, planing-mill products, not including planing mills connected with sawmills.	24	422	4	61	34	16	307	De [3] 348	Ja 246	348	345	3	.....	.....	2,058,179
41	Marble and stone work	9	88	9	11	6	.....	62	.....	.....	86	86	.....	.....	.....	328,571
42	Monuments and tombstones	4	28	5	3	2	.....	18	My 20	De [3] 16	16	16	.....	.....	.....	74,966
43	Other marble and stone work, except slate.	5	60	4	8	4	.....	44	No 84	Fe 10	70	70	.....	.....	.....	253,605
44	Mineral and carbonated waters	6	83	1	11	7	2	62	Au 95	Mh [3] 41	50	49	1	.....	.....	196,615
45	Models and patterns, not including paper patterns.	13	162	18	10	2	3	129	Se 162	Mh 88	101	100	1	.....	.....	130,629
46	Optical goods	7	296	2	19	4	21	250	No 327	Je 118	325	284	26	11	4	561,013
47	Paints	8	208	.....	23	56	23	106	Se 120	Fe [3] 96	108	89	19	.....	.....	905,195
48	Patent medicine and compounds	23	153	7	24	28	24	70	.....	.....	93	22	71	.....	.....	231,513
49	Patent and proprietary medicines.	12	114	4	11	19	21	59	De 77	Mh 42	80	9	71	.....	.....	157,505
50	Patent and proprietary compounds, including compounds not elsewhere specified.	11	39	3	13	9	3	11	Oc [3] 16	No [3] 6	13	13	.....	.....	.....	74,008
51	Pickles, preserves, and sauces	5	61	3	4	5	4	45	No [3] 48	Fe 41	47	20	27	.....	.....	84,481
52	Printing and publishing, book and job.	89	1,613	76	99	136	149	1,153	.....	.....	1,190	818	341	24	7	3,881,179
53	Job printing	80	1,426	69	88	98	88	1,083	No 1,130	Ja 1,007	1,118	756	332	23	7	2,769,113
54	Book publishing, linotype work.	9	187	7	11	38	61	70	Au 75	Mh [3] 64	72	62	9	1	.....	1,112,066
55	Printing and publishing, music	4	7	3	1	.....	.....	3	(4) 3	(4) 3	3	2	1	.....	.....	5,060
56	Printing and publishing, newspapers and periodicals.	59	1,411	25	117	416	205	648	.....	.....	661	581	72	8	.....	2,032,313
57	Printing, publishing, and job printing.	25	1,314	16	87	395	170	646	De 668	Ja 629	659	579	72	8	.....	1,928,083
58	Publishing without printing	34	97	9	30	21	35	2	(4) 2	(4) 2	2	2	.....	.....	.....	104,230
59	Pumps, not including power pumps.	5	41	4	5	7	2	23	Au [3] 35	Fe [3] 5	34	33	1	.....	.....	181,993
60	Slaughtering and meat packing	13	5,333	9	594	66	.....	4,664	Ja 5,587	Ap 4,339	4,421	3,985	381	43	12	23,398,124
61	Soap	6	59	1	8	5	7	38	Se 53	Mh 23	51	24	24	.....	3	89,989
62	Stoves and hot-air furnaces	7	321	1	14	19	8	279	Oc 317	My 254	292	290	2	.....	.....	648,102
63	Structural ironwork, not made in steel works or rolling mills.	8	317	4	20	23	7	263	No 296	Mh 235	284	283	1	.....	.....	1,274,471
64	Tobacco, cigars	30	309	30	8	2	2	267	De 286	Au [3] 254	292	105	186	1	.....	271,805

[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.								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.								
8,485,682	10,334,245	52,410,240	1,030,332	1,329,190	11,235,930	259,672,974	7,081,364	398,666,553	131,912,215	102,741	33,143	6,683	1,652	.....	61,263	16,520	1
35,066	8,828	65,935	686	3,667	1,146	159,926	1,889	359,346	197,531	173	4	20	91	.....	58	.....	2
643,497	418,473	2,893,742	31,970	65,068	303,977	6,389,721	161,178	13,563,146	7,012,247	3,744	.....	700	.....	.....	3,044	175	3
711,846	763,595	7,492,490	.....	60,962	3,434,431	42,015,336	269,895	59,736,346	17,451,115	8,022	550	.....	.....	.....	7,472	.....	4
24,475	7,595	104,934	500	14,066	1,263	125,443	4,138	329,140	199,559	67	.....	.....	.....	.....	67	.....	5
13,311	11,231	27,142	304	3,744	14,561	108,531	1,492	226,723	116,700	28	.....	.....	.....	.....	28	.....	6
9,915	936	42,678	.....	5,890	2,231	35,988	1,340	118,615	81,287	41	.....	.....	.....	.....	41	.....	7
64,305	35,093	179,938	.....	6,862	27,528	742,088	7,379	1,232,929	483,462	235	60	.....	.....	.....	175	20	8
27,545	4,548	113,834	.....	10,409	24,694	291,590	5,162	532,518	235,766	469	150	.....	.....	.....	319	.....	9
88,240	19,355	407,159	.....	6,210	25,464	826,032	31,512	1,585,132	727,588	799	.....	.....	.....	.....	799	.....	10
173,908	344,026	860,751	18,418	38,461	226,181	4,613,254	130,435	7,713,218	2,969,529	1,562	337	.....	.....	.....	1,225	120	11
38,820	13,782	100,265	.....	1,830	14,173	224,377	2,702	486,911	250,832	175	.....	.....	115	.....	60	9	12
46,198	53,430	152,070	.....	5,134	30,401	3,723,515	15,254	4,133,326	394,557	339	.....	100	.....	.....	239	.....	13
2,900	8,500	17,622	110	420	85	5,857	1,457	62,605	55,291	40	.....	.....	.....	.....	40	.....	14
23,190	2,980	68,284	.....	9,600	3,028	57,177	3,289	200,464	139,998	142	.....	.....	.....	.....	142	.....	15
322,567	190,225	3,959,520	.....	220	474	2,243,060	191,648	6,838,631	4,403,923	1,699	1,530	.....	.....	.....	169	559	16
15,607	34,580	38,605	.....	1,440	17,809	156,858	10,811	464,652	296,983	784	.....	.....	.....	.....	784	.....	17
32,864	51,054	28,747	.....	5,945	4,161	278,140	2,203	535,847	255,504	74	.....	.....	.....	.....	74	.....	18
184,729	295,114	1,289,760	.....	44,816	123,732	4,038,803	22,232	6,780,311	2,719,276	390	.....	.....	.....	.....	390	.....	19
81,955	97,018	333,802	.....	16,372	35,178	1,003,165	4,672	1,756,288	748,451	148	.....	.....	.....	.....	148	.....	20
57,610	66,181	76,247	.....	21,835	23,875	1,580,853	6,895	2,096,672	508,924	335	.....	.....	.....	.....	335	.....	21
192,611	196,646	514,047	.....	72,958	287,354	2,877,823	63,586	4,716,443	1,775,034	1,668	545	160	.....	.....	963	340	22
104,823	181,842	363,283	.....	59,103	265,545	1,737,009	26,955	3,037,042	1,273,078	660	225	.....	.....	.....	435	840	23
87,788	14,804	150,764	.....	13,855	21,809	1,140,814	36,631	1,679,401	501,956	1,008	320	160	.....	.....	528	.....	24
59,232	23,345	187,000	7,000	12,358	9,035	505,358	3,594	928,158	419,206	104	.....	.....	.....	.....	104	.....	25
12,168	2,337	44,305	.....	.....	3,135	110,282	1,182	188,318	76,854	43	.....	.....	.....	.....	43	.....	26
182,954	564,080	1,638,475	.....	17,236	243,767	4,239,360	141,421	8,591,162	4,210,381	4,577	160	.....	10	.....	4,407	.....	27
117,835	117,494	470,540	28	.....	127,969	12,464,073	146,677	14,573,978	1,963,228	6,838	3,050	800	.....	.....	2,988	2,415	28
930,609	1,258,696	6,655,015	22,663	42,641	1,712,695	8,590,160	518,064	24,216,443	15,108,219	11,285	2,770	.....	17	.....	8,498	1,708	29
481,672	417,812	4,577,998	218	8,495	1,528,396	5,241,946	399,154	13,779,303	8,138,203	6,785	2,290	.....	12	.....	4,483	1,560	30
448,997	840,884	2,077,017	22,445	34,146	184,299	3,348,214	118,910	10,437,140	6,970,016	4,500	480	.....	5	.....	4,015	148	31
221,586	268,588	1,509,158	1,972	21,879	62,305	3,132,118	90,030	6,155,938	2,933,790	2,909	1,615	.....	.....	.....	1,294	570	32
180,053	224,345	1,204,936	.....	8,965	57,086	2,514,804	68,148	4,971,797	2,388,845	2,525	1,515	.....	.....	.....	1,010	570	33
41,533	44,243	304,222	1,972	12,914	5,219	617,314	21,882	1,184,141	544,945	384	100	.....	.....	.....	284	.....	34
3,120	1,200	43,106	.....	.....	217	73,233	18,502	180,153	88,418	412	50	185	.....	.....	177	.....	35
.....	936	14,779	5,800	1,810	252	97,999	1,214	143,589	44,376	27	.....	.....	.....	.....	27	.....	36
80,480	32,211	230,689	.....	2,960	41,421	206,259	195,945	1,075,357	673,153	3,312	3,166	.....	.....	.....	146	207	37
.....	520	7,745	1,500	2,182	59	5,390	531	25,720	19,799	11	.....	.....	.....	.....	11	.....	38
84,100	60,213	385,285	86,195	6,980	72,914	1,095,897	26,702	2,423,174	1,300,575	2,537	500	.....	.....	.....	2,037	.....	39
143,738	45,444	309,637	1,865	10,987	42,702	933,020	39,695	1,738,126	765,411	2,463	325	60	20	.....	2,058	.....	40
22,276	5,591	80,402	971	200	2,182	153,844	5,260	326,570	167,466	351	190	.....	.....	.....	161	.....	41
5,792	1,710	29,797	276	.....	486	98,091	1,341	174,017	74,585	50	.....	.....	.....	.....	50	.....	42
16,484	3,881	50,605	695	200	1,696	55,753	3,919	152,553	92,881	301	190	.....	.....	.....	111	.....	43
26,930	11,311	62,889	.....	1,680	13,995	260,736	6,020	432,986	166,230	99	20	.....	.....	.....	79	.....	44
17,371	4,714	238,816	663	8,962	1,490	99,684	2,271	463,039	361,084	97	.....	.....	5	.....	92	.....	45
52,973	18,587	214,131	.....	15,296	33,004	382,014	7,778	884,506	494,714	175	.....	.....	.....	.....	175	.....	46
51,497	103,008	85,985	.....	23,224	31,666	1,316,143	9,062	1,927,808	602,603	538	.....	.....	.....	.....	538	.....	47
68,587	53,798	53,085	6,168	9,449	86,704	292,701	4,093	756,033	459,239	171	20	.....	.....	.....	151	.....	48
48,260	37,529	40,419	6,000	4,356	86,423	216,878	738	606,330	388,714	13	.....	.....	.....	.....	13	.....	49
20,327	16,269	12,666	168	5,093	281	75,823	3,355	149,703	70,525	158	20	.....	.....	.....	138	.....	50
7,055	7,690	35,546	498	2,193	4,570	167,938	2,915	273,156	102,303	84	50	.....	2	.....	32	.....	51
356,770	304,046	1,161,878	317,881	104,398	64,116	1,828,773	38,207	5,238,539	3,371,559	1,386	150	.....	30	.....	1,206	31	52
316,646	211,659	1,064,029	78,819	102,758	58,337	1,796,556	33,466	4,538,577	2,708,555	1,336	150	.....	30	.....	1,156	31	53
40,124	92,387	97,849	239,062	1,640	5,779	32,217	4,741	699,962	663,004	50	.....	.....	.....	.....	50	.....	54
900	.....	2,778	7,131	1,662	18	410	66	17,298	16,822	2	.....	.....	2	.....	.....	.....	55
328,448	676,933	869,039	453,519	47,616	134,729	1,952,186	38,965	6,332,766	4,341,615	1,473	60	.....	.....	.....	1,413	.....	56
277,688	609,296	865,679	86,567	39,773	133,962	1,936,257	38,941	5,744,985	3,769,787	1,473	60	.....	.....	.....	1,413	.....	57
50,760	67,637	3,360	366,952	7,843	767	15,929	24	587,781	571,828	.....	.....	.....	.....	.....	.....	.....	58
6,594	9,022	21,514	150	2,850	1,951	96,163	1,396	174,217	76,658	42	.....	.....	.....	.....	42	.....	59
380,235	742,609	4,384,320	2,602	19,464	535,322	95,557,080	432,810	104,805,746	8,815,856	8,410	4,602	2,038	.....	.....	1,770	3,326	60
13,824	10,594	32,012	8,672	4,258	3,059	205,619	2,102	288,646	80,925	41	4	.....	.....	.....	37	.....	61
68,268	39,681	353,255	7,668	4,952	22,884	343,906	21,204	1,056,610	691,500	389	150	.....	.....	.....	239	80	62
65,277	51,403	313,551	156	2,804	86,667	981,869	13,425	1,782,521	787,227	740	400	.....	.....	.....	340	270	63
15,276	3,286	171,350	167	9,179	88,322	365,187	2,514	734,408	366,707	2	.....	.....	.....	.....	2	.....	64

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

[2] Same number reported throughout the year.

TABLE 35.—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.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
	INDIANAPOLIS—Con.															
1	Tools, not elsewhere specified	12	133	11	16	6	5	95			155	154		1		213,676
2	Machinists' tools	8	101	7	14	5	3	72	De[3] 126	Ja 32	126	125		1		177,243
3	All other	4	32	4	2	1	2	23	De 29	Fe 13	29	29				36,433
4	Trunks and valises	4	23	3	6		1	13	De[3] 16	Ap[3] 11	16	14	2			53,797
5	Varnishes	3	75		12	26	5	32	No[3] 38	Ja 24	39	38	1			524,567
6	Window and door screens	3	9	4				5	Se 8	De[3] 3	5	5				12,850
7	All other industries *	193	16,713	98	603	1,493	829	13,690			14,504	10,992	3,375	72	65	74,873,516

*All other industries embrace—
Agricultural implements 3
Artificial limbs 2
Artists' materials, crayons 1
Babbitt and white metal 1
Bags, other than paper, not including bags made in textile mills 1
Baskets, and rattan and willow ware 1
Belting, leather 1
Blacking, stains, and dressings 1
Boxes, cigar 3
Brick and tile, terra-cotta, and fire-clay products 2
Brushes 1
Canning and preserving, fruits and vegetables 5
Cars and general shop construction and repairs by electric-railroad companies 2
Cars, steam-railroad, not including operations of railroad companies 2
Chewing gum 1
China decorating, not including that done in potteries 1
Coffins, burial cases, and undertakers' goods 1
Cooperage, hogsheads and barrels 1
Cordage and twine 1
Cotton goods 1
Dental goods 2
Druggists' preparations 9
Electroplating 2
Engines, steam, gas, and water 2
Engraving, steel and copper plate, including plate printing 4
Engraving, wood 2
Envelopes 1
Fancy articles, not elsewhere specified 2
Feathers and plumes 1
Fertilizers 1
Flavoring extracts 2
Food preparations, not elsewhere specified 3
Fur goods 3
Furnishing goods, men's 1
Galvanizing 1
Gas, illuminating and heating 1
Glass 1
Glass, cutting, staining, and ornamenting 3
Gloves and mittens, cloth, not including gloves made in textile mills 1
Glucose and starch 1
Glue, not elsewhere specified 2
Hair work 1
Hand stamps 2
Hardware 1
Hats and caps, other than felt, straw, and wool 1
Hats, straw 3
Instruments, professional and scientific 2

1	**SOUTH BEND**—All industries.	214	18,152	148	802	1,596	814	14,792	De 16,526	Ap 13,984	16,658	13,206	3,081	196	175	79,250,503
2	Automobile repairing	8	32	7				25	Au[3] 28	Fe[3] 20	23	23				26,756
3	Bread and other bakery products	21	144	20	5	8	8	103	Je 107	Ap 99	103	78	18	6	1	370,214
4	Confectionery and ice cream	11	104	11	7	2	5	139			181	64	113	1	3	441,725
5	Confectionery	8	131	10	2	2	3	114	De 159	Je[3] 50	159	44	112		3	293,440
6	Ice cream	3	33	1	5		2	25	Au[3] 39	Mh[3] 15	22	20	1	1		148,285
7	Copper, tin, and sheet-iron work	4	38	7	4	1	1	25	Se[3] 32	Mh[3] 18	23	23				55,994
8	Foundry and machine-shop products	11	349	4	22	8	11	304	Ja 328	Je 273	326	324	2			1,159,885
9	Furniture, wood, other than rattan and willow.	3	190		12	28	8	142	Se 173	Fe 90	168	157	4	7		368,051
10	Lumber, planing-mill products, not including planing mills connected with sawmills.	6	113		14	7	8	84	Se 111	Ja 59	100	100				514,104
11	Marble and stone work	3	23	1	4	2		16	No 22	Ja 9	21	21				110,678
12	Mineral and carbonated waters	4	16	3	2			11	Je 18	Mh[1] 5	13	12		1		48,850
13	Patent and proprietary medicines	9	52	7	7		2	36	De 38	Au 33	41	8	30	1	2	44,158
14	Printing and publishing, book and job.	15	173	11	13	5	7	137	De 154	Ja 102	155	107	43	3	2	404,937
15	Printing and publishing, newspapers and periodicals.	8	184	9	7	34	27	107	Mh 113	Au 102	71	62	7	2		476,156
16	Tobacco, cigars	12	188	13	8	9	3	155	No 163	Ja 136	160	72	88			295,985
17	Tools, not elsewhere specified	4	73	6	1	2	2	62	Fe 68	Je 53	66	60		6		244,867
18	All other industries *	95	16,413	49	696	1,490	732	13,446			15,207	12,095	2,776	169	167	74,688,143

* All other industries embrace—
Agricultural implements 3
Artificial stone products 2
Automobile bodies and parts 6
Awnings, tents, and sails 1
Bluing 2
Bookbinding and blank-book making 1
Boxes, cigar 1
Boxes, paper and other, not elsewhere specified 2
Brass, bronze, and copper products 4
Brooms, from broom corn 1
Butter 1
Carriages and wagons 1
Cars and general shop construction and repairs by electric-railroad companies 1
Cars and general shop construction and repairs by steam-railroad companies 1
Cleansing preparations 1
Clothing, men's 2
Clothing, women's, wrappers and house dresses 2
Coffee, roasting and grinding 1
Druggists' preparations 2
Electrical machinery, apparatus, and supplies 1
Electroplating 2
Engraving, steel and copper plate, including plate printing 1
Engraving, wood 1
Flour-mill and gristmill products 2
Fur goods 1
Gas, illuminating and heating 1
Gloves and mittens, cloth, not including gloves made in textile mills 1
Hand stamps 1
Hardware, piano and organ 1
Ice, manufactured 1
Iron and steel, welding 1
Knit goods 2

[1] Includes water wheels and turbines (irrespective of ownership of water supply) and water motors (operated by water from city mains).
[3] 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.*							
20,409	9,239	124,813	16,703	7,191	440	45,853	4,200	312,890	262,837	116	.....	.....	.....	.....	116	.....
17,109	5,149	85,171	16,383	6,038	55	35,570	3,132	238,130	199,428	86	.....	.....	.....	.....	86	.....
3,300	4,090	39,642	320	1,153	385	10,283	1,068	74,760	63,409	30	.....	.....	.....	.....	30	.....
7,100	400	15,642	.....	3,324	133	58,933	448	100,404	41,023	10	.....	.....	.....	.....	10	.....
48,306	69,309	40,617	.....	.....	10,807	531,413	3,693	853,912	318,806	65	.....	.....	.....	.....	65	.....
.....	.....	5,805	.....	.....	95	7,090	316	16,200	8,794	30	.....	.....	.....	.....	30	.....
2,300,545	3,214,770	13,873,506	28,372	545,546	3,195,559	52,074,746	4,361,893	98,178,919	41,742,280	33,068	12,685	2,620	1,360	.....	16,403	6,690

Iron and steel, forgings, not made in steel works or rolling mills..... 2
Jewelry..... 8
Leather goods, not elsewhere specified. 5
Leather, tanned, curried, and finished. 1
Liquors, malt..... 1
Lithographing..... 2
Looking-glass and picture frames..... 3
Machine tools..... 2
Mattresses and spring beds, not elsewhere specified..... 2
Millinery and lace goods, not elsewhere specified..... 6
Mirrors, framed and unframed, not elsewhere specified..... 3
Motorcycles, bicycles, and parts..... 1
Mucilage, paste, and other adhesives, not elsewhere specified..... 2
Musical instruments and materials, not specified..... 1
Oils, vegetable..... 1
Paper and wood pulp..... 1
Perfumery and cosmetics..... 4
Phonographs and graphophones..... 1
Photographic materials..... 2
Photo-engraving..... 3
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments..... 2
Printing materials..... 1
Pumps, steam..... 1
Roofing materials..... 1
Rubber tires, tubes, and rubber goods, not elsewhere specified..... 3
Saddlery and harness..... 5
Saws..... 1
Screws, machine..... 2
Shirts..... 2
Signs and advertising novelties..... 3
Stamped ware, not elsewhere specified. 1
Stationery goods, not elsewhere specified..... 2
Steam fittings and steam and hot-water heating apparatus..... 2
Steam packing..... 1
Steel barrels, drums, and tanks, portable..... 1
Stereotyping and electrotyping..... 2
Stoves, gas and oil..... 1
Surgical appliances..... 3
Tinware, not elsewhere specified..... 2
Toys and games..... 2
Typewriters and supplies..... 1
Umbrellas and canes..... 1
Upholstering materials, excelsior..... 4
Wall plaster and composition flooring.. 6
Wirework, woven-wire fencing..... 1
Wood preserving..... 2
Wood, turned and carved..... 2

2,730,207	2,720,913	17,427,415	191,685	128,944	2,534,324	37,187,058	1,519,089	75,339,165	36,633,018	28,748	5,421	10,595	25	3,006	9,701	8,803	1
.....	.....	37,907	.....	3,920	420	5,310	2,036	58,907	51,561	30	.....	.....	7	.....	23	.....	2
16,947	21,970	134,490	685	5,490	17,400	640,265	21,373	968,647	307,009	125	.....	.....	.....	.....	125	.....	3
19,540	5,870	127,468	880	3,840	22,649	753,249	14,028	1,145,403	378,126	241	70	.....	.....	.....	171	.....	4
3,500	4,400	99,885	880	3,600	21,774	434,554	4,860	744,331	304,917	100	.....	.....	.....	.....	100	.....	5
16,040	1,470	27,583	.....	240	875	318,695	9,168	401,072	73,209	141	70	.....	.....	.....	71	.....	6
8,060	2,798	27,952	.....	1,790	711	31,277	407	89,315	57,631	5	.....	.....	5	.....	.....	1	7
67,364	23,081	374,791	1,671	1,825	55,927	421,062	22,820	1,264,228	820,346	486	100	.....	.....	.....	386	.....	8
40,575	20,045	142,887	.....	.....	3,915	283,177	8,931	647,781	355,673	395	200	.....	.....	.....	195	.....	9
33,150	11,452	90,653	.....	3,120	7,465	556,774	5,113	764,107	202,220	258	125	.....	.....	.....	133	.....	10
10,433	2,748	24,970	.....	.....	1,162	48,937	2,012	123,911	72,962	69	.....	.....	.....	.....	69	.....	11
1,225	.....	10,416	.....	900	4,617	35,098	659	70,473	34,716	4	.....	.....	.....	.....	4	.....	12
14,057	600	21,729	12,857	2,562	2,723	48,835	378	124,068	74,855	9	.....	.....	.....	.....	9	.....	13
20,573	12,069	141,693	9,484	10,832	7,105	257,745	5,893	572,174	308,536	157	.....	.....	5	.....	152	.....	14
34,283	71,360	127,211	109,187	3,150	12,884	208,825	6,274	767,800	552,701	135	.....	.....	.....	.....	135	.....	15
14,615	39,083	143,337	200	2,774	72,411	214,449	1,371	523,357	307,537	10	.....	.....	.....	.....	10	.....	16
2,730	3,856	52,344	.....	1,498	2,848	106,143	5,068	225,587	114,376	153	.....	.....	.....	.....	153	.....	17
2,437,655	2,514,081	15,969,477	56,721	87,243	2,322,087	33,575,912	1,422,726	67,993,407	32,994,769	26,671	4,926	10,595	8	3,006	8,136	8,802	18

Lamps..... 1
Liquors, malt..... 2
Looking-glass and picture frames..... 1
Lumber and timber products..... 1
Machine tools..... 1
Mattresses and spring beds, not elsewhere specified..... 2
Models and patterns, not including paper patterns..... 2
Motorcycles, bicycles, and parts..... 1
Mucilage and paste..... 1
Musical instruments and materials, not specified..... 1
Optical goods..... 2
Paper and wood pulp..... 1
Perfumery and cosmetics..... 2
Phonographs and graphophones..... 1
Photo-engraving..... 1
Pickles and sauces..... 1
Roofing materials..... 1
Rubber tires, tubes, and rubber goods, not elsewhere specified..... 1
Saddlery and harness..... 1
Sewing-machine cases..... 1
Shirts..... 2
Sporting and athletic goods..... 1
Stereotyping and electrotyping..... 1
Stoves and ranges..... 2
Stoves, gas and oil..... 1
Structural ironwork, not made in steel works or rolling mills..... 1
Tobacco, smoking and snuff..... 2
Toys and games..... 1
Varnishes..... 1
Wall paper, not made in paper mills..... 1
Watches..... 1
Window and door screens..... 1
Wirework, not elsewhere specified..... 1
Wood, turned and carved..... 2
Woolen goods..... 1

Same number reported for one or more other months.

TABLE 35.—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.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
1	TERRE HAUTE—All industries.	257	7,631	200	328	391	254	6,458	Au 6,839	Ap 5,931	6,796	5,790	955	32	19	*Dollars.* 20,663,905
2	Artificial stone products	7	27	3	2	.....	4	18	Ap[2] 21	Ja 11	18	18	.....	.....	.....	39,824
3	Automobile bodies and parts	6	34	8	.....	.....	.....	26	Fe 30	No 22	24	24	.....	.....	.....	49,102
4	Automobile repairing	39	176	40	12	4	10	110	Au[2] 124	Fe 96	103	102	1	.....	.....	208,825
5	Bread and other bakery products	28	348	29	11	38	5	265	Se 276	Ja 243	274	178	94	1	1	785,483
6	Brooms, from broom corn	4	8	4	.....	1	.....	3	De[2] 4	Ja[2] 3	4	4	.....	.....	.....	15,520
7	Butter	3	95	.....	8	8	5	74	No 89	Jy 66	86	77	9	.....	.....	261,964
8	Clothing, men's and youths'	4	328	7	10	18	7	286	De 350	Ap 204	337	46	291	.....	.....	705,291
9	Confectionery and ice cream	8	230	9	12	9	18	182	No 255	My 101	229	86	124	3	16	359,634
10	Copper, tin, and sheet-iron work	19	91	17	14	1	6	53	Oc 63	Je 44	58	52	5	1	.....	196,954
11	Foundry and machine-shop products	18	547	12	29	16	9	481	.....	.....	494	483	10	1	.....	1,426,851
12	Boiler shops, foundries, and machine shop and foundry combined.	7	342	8	11	5	4	314	Au 343	Fe 286	315	307	8	.....	.....	807,579
13	Machine shops	11	205	4	18	11	5	167	Ja 210	Mh 138	179	176	2	1	.....	619,272
14	Lumber, planing-mill products, not including planing mills connected with sawmills.	4	31	2	6	.....	1	22	Je 25	De[2] 19	19	19	.....	.....	.....	86,065
15	Mineral and carbonated waters	6	35	6	5	2	2	20	Jy 39	De[2] 8	34	29	5	.....	.....	109,709
16	Printing, job and linotype work	11	135	10	17	14	11	83	De[2] 88	Ja 77	88	60	20	8	.....	290,263
17	Printing and publishing, newspapers and periodicals.	7	224	.....	20	65	34	105	De 114	Fe 96	114	109	5	.....	.....	475,207
18	Tobacco, cigars	9	16	9	.....	.....	.....	7	De[2] 12	Ap[2] 5	3	1	2	.....	.....	20,759
19	All other industries*	84	5,306	44	182	215	142	4,723	.....	.....	4,911	4,502	389	18	2	15,632,394

*All other industries embrace—
Airplanes, seaplanes, and airships, and parts ... 1
Artificial limbs ... 1
Awnings, tents, and sails ... 1
Boxes, wooden packing, except cigar boxes ... 1
Brass and bronze products ... 1
Brick, building ... 3
Brushes, toilet ... 1
Carpets, rag ... 1
Carriage and wagon materials ... 1
Carriages and sleds, children's ... 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. 5
Cars, steam-railroad, not including operations of railroad companies ... 1
Clothing, women's ... 2
Coffee, roasting and grinding ... 3
Coffins, burial cases, and undertakers' goods ... 1
Cooperage, hogsheads and barrels ... 3
Electrical machinery, apparatus, and supplies ... 1
Flour-mill and gristmill products ... 4
Food preparations, not elsewhere specified ... 1
Furniture, wood, other than rattan and willow ... 2
Gas and electric fixtures ... 1
Gas, illuminating and heating ... 1

	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
1	ANDERSON	99	9,021	59	234	457	343	7,928	Se 9,208	Mh 6,706	8,198	6,409	1,730	54	5	23,537,085
2	BLOOMINGTON	39	1,598	34	63	40	41	1,420	De 1,662	Ja 1,209	1,666	1,429	224	5	8	4,322,609
3	CLINTON	26	532	26	19	10	8	469	Au 503	Fe 419	471	296	175	.....	.....	826,425
4	CRAWFORDSVILLE	55	998	38	77	62	36	785	Se 942	Ap 696	966	817	142	5	2	2,292,338
5	EAST CHICAGO	61	10,752	29	399	1,035	332	8,957	Ja 9,965	Je 8,345	10,000	9,636	346	18	.....	106,254,672
6	ELKHART	120	6,624	91	240	327	238	5,728	De 5,868	No 5,657	5,889	5,166	685	20	18	13,786,735
7	ELWOOD	32	2,445	23	95	107	53	2,167	Au 2,575	My 1,786	2,381	1,786	585	10	.....	7,100,247
8	FRANKFORT	34	1,484	35	58	69	47	1,275	De 1,582	Ja 1,128	1,595	1,147	444	4	.....	3,385,774
9	HAMMOND	94	7,243	69	265	608	236	6,065	Ja 6,750	Au 4,479	6,462	5,602	730	56	74	38,369,497
10	HUNTINGTON	57	2,586	54	113	152	102	2,165	Ja 2,384	Je 1,888	2,454	1,926	280	220	19	6,185,726
11	JEFFERSONVILLE	29	1,213	21	75	59	41	1,017	Jy 1,490	Oc 597	693	681	12	.....	.....	4,566,803
12	KOKOMO	98	7,637	82	251	320	257	6,727	No 7,490	Ja 6,039	7,103	6,353	732	9	9	24,770,672
13	LA PORTE	52	4,152	32	163	325	130	3,502	De 3,682	Ja 3,250	3,667	3,198	447	17	5	21,007,994
14	LAFAYETTE	85	2,996	48	173	117	108	2,550	De 2,858	Mh 2,337	2,872	2,544	273	14	41	8,037,125
15	LOGANSPORT	67	2,776	64	87	199	88	2,338	De 2,933	Mh 1,957	2,951	2,608	306	10	27	2,894,509
16	MARION	101	5,694	69	224	540	215	4,646	No 5,154	Jy 4,109	5,053	3,902	986	80	85	14,572,144
17	MICHIGAN CITY	47	3,915	29	158	197	79	3,452	My 3,929	No 2,755	4,088	3,446	438	69	135	20,805,353
18	MISHAWAKA	32	5,815	24	211	215	297	5,068	De 5,382	Ja 4,865	5,388	4,272	1,070	20	26	25,817,033
19	MUNCIE	121	7,459	87	363	222	228	6,559	Se 7,169	De 5,574	6,957	6,113	778	40	26	22,116,186
20	NEW ALBANY	93	1,515	80	116	48	32	1,239	De 1,426	Ja 997	1,462	1,243	190	18	11	4,399,921
21	NEW CASTLE	33	4,413	21	83	163	105	4,041	No 4,712	Fe 3,076	4,596	4,065	499	28	4	8,406,266
22	PERU	40	1,670	44	64	49	47	1,466	Je 1,683	Fe 1,305	1,649	1,260	359	13	17	3,051,423
23	RICHMOND	144	5,767	109	223	278	219	4,938	De 5,318	Fe 4,523	5,321	4,317	898	65	41	14,214,713
24	VINCENNES	98	1,501	81	87	97	45	1,191	Oc 1,620	Mh 758	1,639	1,482	153	1	3	6,220,676

[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.
											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. 1,170,314	*Dollars.* 769,856	*Dollars.* 7,389,936	*Dollars.* 35,017	*Dollars.* 121,111	*Dollars.* 1,479,074	*Dollars.* 26,102,674	*Dollars.* 800,206	*Dollars.* 41,967,818	*Dollars.* 15,064,938	19,664	13,837	1,770	145	.....	3,912	5,833	1
1,733	2,719	22,584	.....	574	535	41,445	1,786	86,484	43,253	16	.....	.....	.....	.....	16	.....	2
.....	.....	29,675	.....	12,102	515	25,017	1,381	78,646	52,248	32	.....	.....	.....	.....	32	.....	3
23,156	8,454	135,556	150	18,225	7,184	137,119	6,786	439,494	295,589	208	.....	.....	10	.....	198	.....	4
33,588	47,751	249,279	.....	8,986	174,201	1,241,676	13,659	2,029,958	774,623	394	265	.....	.....	.....	129	221	5
.....	1,200	4,380	.....	60	97	11,044	160	21,663	10,459	4	.....	.....	2	.....	2	.....	6
11,623	15,157	94,902	.....	.....	25,906	1,013,077	9,196	1,371,573	349,300	130	40	.....	.....	.....	90	.....	7
33,664	36,241	132,920	2,205	11,815	8,241	923,895	5,274	1,351,979	422,810	161	.....	.....	.....	.....	161	.....	8
36,673	45,326	95,974	.....	16,154	23,421	482,010	14,193	748,056	251,853	263	185	.....	.....	.....	78	104	9
24,058	4,708	59,685	582	3,308	3,079	543,175	2,593	748,745	202,977	20	.....	.....	.....	.....	20	.....	10
157,808	28,387	539,116	325	1,428	45,746	747,592	50,781	1,862,513	1,064,140	1,274	228	.....	10	.....	1,036	40	11
66,286	10,209	356,552	.....	.....	34,943	485,618	38,617	1,223,701	699,466	740	165	.....	.....	.....	575	40	12
91,522	18,178	182,564	325	1,428	10,803	261,974	12,164	638,812	364,674	534	63	.....	10	.....	461	.....	13
4,540	684	25,985	700	300	1,042	29,709	4,340	81,899	47,850	225	75	.....	20	.....	130	.....	14
7,820	3,560	17,913	.....	620	13,886	132,426	2,039	218,793	84,328	58	15	.....	.....	.....	43	.....	15
36,976	23,223	84,615	164	7,616	6,664	156,387	2,937	393,222	233,898	75	.....	.....	.....	.....	75	.....	16
48,925	89,593	165,203	18,272	11,126	36,912	220,154	7,142	856,533	629,237	162	.....	.....	.....	.....	162	.....	17
.....	.....	5,430	.....	454	5,768	10,853	293	31,783	20,637	5	.....	.....	.....	.....	5	.....	18
749,750	462,853	5,726,659	12,619	28,343	1,125,877	20,387,095	677,646	31,646,477	10,581,736	16,637	13,029	1,770	103	.....	1,735	5,468	19

Hand stamps..... 1
Ice, manufactured..... 2
Iron and steel, steel works and rolling mills..... 2
Iron and steel, welding..... 1
Lamps..... 1
Liquors, malt..... 2
Lumber and timber products..... 1
Marble and stone work..... 3
Mattresses and spring beds, not elsewhere specified..... 1
Models and patterns, not including paper patterns..... 1
Optical goods..... 2
Paints..... 1
Paper and wood pulp..... 1
Patent medicines and compounds..... 2
Perfumery and cosmetics..... 2
Photo-engraving..... 1
Pickles, preserves, and sauces..... 2
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments..... 2
Pulp goods..... 1
Saddlery and harness..... 4
Scales and balances..... 1
Signs and advertising novelties..... 2
Slaughtering and meat packing..... 3
Stereotyping and electrotyping..... 1
Tobacco, smoking..... 1
Varnishes..... 1
Wirework, woven-wire fencing..... 1
Wood, turned and carved..... 1

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

812,435	903,746	8,454,529	159,231	18,336	1,320,009	21,216,666	873,503	38,930,509	16,840,340	20,002	11,352	930	313	.....	7,407	1,848	1
194,016	72,050	1,122,889	5,305	3,699	223,628	4,153,038	97,061	6,816,002	2,565,903	3,708	2,220	.....	33	.....	1,455	1,138	2
66,337	32,474	415,994	.....	4,200	27,751	961,190	52,262	1,750,794	737,342	1,178	707	.....	2	.....	469	355	3
125,767	122,374	741,517	22,823	8,600	134,924	2,731,932	138,364	4,837,222	1,966,926	2,181	1,155	.....	5	.....	1,021	8	4
1,918,582	2,115,909	15,258,456	1,863	11,018	1,625,040	56,919,025	6,415,052	89,568,753	26,234,676	84,569	19,344	45,785	216	.....	19,224	37,329	5
802,419	672,315	6,058,630	5,352	49,680	446,463	12,807,201	554,635	24,421,494	11,059,658	9,491	3,070	1,520	53	272	4,576	2,814	6
286,152	222,880	2,620,406	6,750	4,684	333,135	10,115,473	402,741	15,644,537	5,126,323	7,110	6,191	.....	4	.....	915	2,273	7
128,650	126,559	1,282,322	6,977	11,021	125,169	4,143,222	108,996	6,401,263	2,149,045	2,366	256	.....	.....	.....	2,110	73	8
1,191,329	1,245,066	8,838,829	.....	53,910	1,734,944	39,009,695	942,044	59,276,319	19,324,580	16,018	4,411	3,700	14	5	7,888	8,406	9
431,018	348,476	2,732,405	2,981	14,558	273,609	4,319,177	178,782	9,977,014	5,479,055	3,139	848	.....	25	.....	2,266	40	10
183,151	160,960	1,331,862	4,372	3,184	343,371	4,174,092	218,294	6,732,599	2,340,213	3,364	1,143	.....	74	.....	2,147	8	11
889,904	608,215	8,249,355	23,169	20,530	1,429,777	19,932,965	1,659,743	38,709,165	17,116,457	33,470	10,725	9,582	6,049	.....	7,114	13,392	12
659,327	986,102	4,061,102	27,678	22,718	828,860	10,276,601	254,142	20,580,890	10,050,147	5,741	3,600	25	.....	.....	2,116	3,512	13
591,278	300,582	2,878,654	54,034	27,297	481,328	6,569,802	309,482	12,616,169	5,737,385	6,153	2,490	.....	133	.....	3,530	422	14
201,558	378,812	3,044,102	8,793	19,697	45,462	3,685,820	238,694	7,746,446	3,821,932	5,554	1,455	.....	2	.....	4,097	663	15
676,255	663,005	4,330,922	8,283	29,339	1,050,029	14,029,822	788,999	24,325,085	9,506,264	8,941	3,332	1,186	62	.....	4,361	2,449	16
498,244	275,002	4,669,449	51,102	23,465	2,258,282	26,585,764	538,853	37,360,551	10,235,934	6,393	3,240	2,400	.....	.....	753	5,545	17
630,423	453,254	5,687,566	2,109	12,640	1,196,202	13,662,226	365,511	27,765,010	13,737,273	11,261	4,405	2,125	222	1,950	2,559	1,877	18
1,237,457	579,682	7,141,668	4,116	30,425	972,835	17,704,540	1,105,711	33,175,525	14,365,274	15,542	2,240	45	159	.....	13,098	483	19
254,437	81,656	1,110,080	1,088	17,536	141,758	3,992,591	134,969	6,766,373	2,638,813	3,341	2,183	.....	14	150	994	345	20
251,613	264,937	4,170,452	1,475	4,045	174,320	7,948,357	550,209	14,583,738	6,085,172	5,821	1,920	2,850	3	.....	1,048	3,690	21
178,089	127,587	1,189,740	110	17,600	107,243	2,361,067	84,009	4,704,560	2,259,484	1,941	715	10	.....	.....	1,216	.....	22
879,283	562,113	4,858,737	173,458	50,979	457,074	12,452,895	258,803	22,893,643	10,181,945	6,711	3,471	.....	35	.....	3,205	3,356	23
210,584	151,639	1,088,565	900	24,002	185,827	4,233,434	352,333	7,582,072	2,996,305	4,090	2,605	.....	316	.....	1,169	440	24

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

[4] Excludes Whiting, to avoid disclosure of individual operations.

IOWA.

GENERAL STATISTICS.

General character of the state.—Iowa has a gross area of 56,147 square miles, of which 55,586 represent land surface. The inhabitants of the state in 1900 numbered 2,231,853; in 1910, 2,224,771; and in 1920, 2,404,021. In total population Iowa ranked sixteenth among the states in 1920. The number of inhabitants per square mile in 1910 was 40, the corresponding figure for 1920 being 43.2.

In 1920 there were 18 cities in the state having more than 10,000 inhabitants. The combined population of these cities in that year was 604,150, which formed 25.1 per cent of the total for Iowa. Of the total value of the state's manufactured products, 78.4 per cent were reported from these 18 cities.

Importance and growth of manufactures (Table 1).—The large increases in salaries and wages, cost of materials, and value of products, 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 exceptional increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of the totals for the 99 counties in 1919 with those for prior censuses.

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 29.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 500 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 from 1914 to 1919 are shown in most of the details for the 18 cities included in this table. During this period there was an increase of $348,885,479, or 148.2 per cent, in the total value of products for these cities and 12,007, or 27.2 per cent, in average number of wage earners.

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 each of the 18 cities. 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, 80.9 per cent were in the 18 cities, while of the male wage earners, only 67.7 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 Iowa. In that year 17.4 per cent of the wage earners were included in the group "48 and under," as against 38 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 44 per cent of the total wage earners, as compared with 19.5 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 fewer than 101 wage earners, while such establishments employed but 44.6 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 2.5 per cent of the total number of manufacturing establishments in the state, but reported 55.4 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 27.1 per cent of the number of establishments in the state in 1919, they reported 84.5 per cent of the average number of wage earners and 86.5 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 19,704, or 40.7 per cent, and the value of products, $408,837,357, 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 18 cities in 1919 represented 40.6 per cent of the total in the state. They reported in that year 69.7 per cent of the average number of wage earners and 78.4 per cent of the value of products. These proportions do not differ materially from those of 1914.

Principal industries in Davenport, Des Moines, and Sioux City, 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 and for which figures can be shown without disclosing the operations of individual establishments. The names of a number of important industries are also given for which figures can not be shown without the possibility of 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 52,897 horsepower, or 27.8 per cent. This increase, however, is due to the gain of 62,309 horsepower, or 123.9 per cent, in rented power, since owned power decreased 9,412 horsepower, or 6.7 per cent, during the five-year period. Of the total horsepower in 1914, 73.5 per cent were owned power and 26.5 per cent rented. The corresponding proportions for 1919 were 53.6 per cent and 46.4 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, five industries combined, brick and tile, terra-cotta, and fire-clay products, steam railroad-repair shops, cement, glucose and starch, and slaughtering and meat packing consumed 67.5 per cent of the bituminous coal; while 22.1 per cent of the anthracite coal, 60.2 per cent of the coke, and 69.4 per cent of the fuel oils were 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	5,683	5,614	5,528	4,785	4,828	1.2	1.6	15.5	−0.9
Persons engaged	105,439	82,631	78,360	61,361	(2)	27.6	5.5	27.7	.....
Proprietors and firm members	5,393	5,421	5,323	4,758	(2)	−0.5	1.8	11.9	.....
Salaried employees	19,495	14,097	11,402	7,122	5,159	38.3	23.6	60.1	38.0
Wage earners (average number)	80,551	63,113	61,635	49,481	44,420	27.6	2.4	24.6	11.4
Primary horsepower	242,946	190,049	155,384	118,065	106,664	27.8	22.3	31.6	10.7
Capital	$403,205,513	$233,128,542	$171,218,604	$111,427,429	$85,667,334	73.0	36.2	53.7	30.1
Salaries and wages	124,161,129	56,170,325	43,513,581	28,945,430	22,253,197	121.0	29.1	50.3	30.1
Salaries	34,043,960	16,310,815	10,971,650	5,948,377	4,232,544	108.7	48.7	84.4	40.5
Wages	90,117,169	39,859,510	32,541,931	22,997,053	18,020,653	126.1	22.5	41.5	27.6
Paid for contract work	4,470,139	993,326	968,827	961,910	(2)	48.0	2.5	0.7	.....
Rent and taxes	15,100,221	3,555,794	2,382,967	[3] 1,051,399	(2)	324.7	49.2	.....	.....
Cost of materials	520,240,807	205,451,339	170,707,048	102,843,892	85,778,867	153.2	20.4	66.0	19.9
Value of products	745,472,697	310,749,974	259,237,637	160,572,313	132,870,865	139.9	19.9	61.4	20.8
Value added by manufacture[4]	225,231,890	105,298,635	88,530,589	57,728,421	47,091,998	113.9	18.9	53.4	22.6

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

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[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—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.					
Tama	45	212	$224,630	$38,686	$1,414,669	$2,003,311	$588,642	1,630
Taylor	19	45	35,415	11,118	132,770	231,970	99,200	57
Union	35	591	730,965	26,441	1,812,610	2,809,600	996,990	1,012
Van Buren	17	28	14,330	1,644	157,727	204,425	46,698	88
Wapello	110	2,810	3,186,903	1,025,270	36,687,053	45,575,291	8,888,238	5,893
Warren	16	48	47,252	2,261	118,490	214,712	96,222	339
Washington	52	244	216,031	17,137	619,587	1,307,006	687,419	752
Wayne	28	55	55,699	3,978	764,723	899,288	134,565	269
Webster	108	2,546	2,716,031	227,104	8,401,660	14,126,316	5,724,656	8,278
Winnebago	25	87	93,624	9,441	1,003,272	1,251,030	247,758	496
Winneshiek	45	223	223,470	15,726	2,086,040	2,682,628	596,588	1,064
Woodbury	282	6,784	8,997,538	1,343,985	125,432,151	146,686,197	21,254,046	14,940
Worth	18	254	415,145	3,570	863,377	1,363,734	500,357	457
Wright	37	240	317,255	8,318	633,130	1,108,880	475,750	488

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	5,683	80,551	100.0	$745,473	100.0	$225,232	100.0
Slaughtering and meat packing	21	7,134	8.9	226,362	30.4	21,941	9.7
Butter	411	1,595	2.0	56,422	7.6	6,983	3.1
Food preparations, not elsewhere specified	30	2,441	3.0	54,994	7.4	9,732	4.3
Cars and general shop construction and repairs by steam-railroad companies	51	13,536	16.8	33,099	4.4	20,880	9.3
Glucose and starch	4	1,007	1.3	24,689	3.3	7,047	3.1
Flour-mill and gristmill products	189	509	0.6	21,325	2.9	2,712	1.2
Printing and publishing, newspapers and periodicals	774	3,352	4.2	20,431	2.7	14,965	6.6
Bread and other bakery products	538	2,583	3.2	20,244	2.7	7,733	3.4
Foundry and machine-shop products	198	3,529	4.4	18,545	2.5	10,475	4.7
Engines, steam, gas, and water	17	2,739	3.4	17,611	2.4	8,716	3.9
Lumber, planing-mill products, not including planing mills connected with sawmills	97	3,211	4.0	16,388	2.2	7,602	3.4
Confectionery and ice cream	182	1,739	2.2	11,535	1.5	4,664	2.1
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	47	689	0.9	11,450	1.5	1,684	0.7
Washing machines and clothes wringers	14	1,063	1.3	8,815	1.2	4,186	1.9
Brick and tile, terra-cotta, and fire-clay products	113	2,452	3.0	8,127	1.1	5,488	2.4
Cement	4	1,017	1.3	8,121	1.1	2,941	1.3
Canning and preserving, fruits and vegetables	62	1,271	1.6	8,015	1.1	2,748	1.2
Patent medicines and compounds	90	393	0.5	6,349	0.9	4,395	2.0
Rubber tires, tubes, and rubber goods, not elsewhere specified	9	839	1.0	6,333	0.8	2,614	1.2
Agricultural implements	26	906	1.1	5,959	0.8	3,137	1.4
Automobile repairing	579	1,355	1.7	5,807	0.8	3,475	1.5
Gas, illuminating and heating	68	727	0.9	5,738	0.8	3,096	1.4
Buttons	77	2,091	2.6	5,615	0.8	3,139	1.4
Printing and publishing, book and job	207	1,244	1.5	5,210	0.7	3,306	1.5
Coffee, roasting and grinding	16	173	0.2	5,129	0.7	773	0.3
Copper, tin, and sheet-iron work	120	803	1.0	5,062	0.7	2,428	1.1
Saddlery and harness	110	395	0.5	4,168	0.6	1,578	0.7
Tobacco, cigars	211	1,305	1.6	$3,977	0.5	$2,155	1.0
Clothing, men's	18	705	0.9	3,717	0.5	1,166	0.5
Furniture	36	894	1.1	3,457	0.5	1,818	0.8
Dairymen's, poultrymen's, and apiarists' supplies	12	434	0.5	3,177	0.4	1,308	0.6
Stoves and hot-air furnaces	10	412	0.5	3,096	0.4	2,106	0.9
Druggists' preparations	15	234	0.3	3,070	0.4	1,059	0.5
Boots and shoes	6	653	0.8	3,047	0.4	777	0.3
Artificial stone products	255	672	0.8	2,962	0.4	1,674	0.7
Wall plaster and composition flooring	7	884	1.1	2,626	0.4	1,786	0.8
Signs and advertising novelties	17	350	0.4	2,367	0.3	1,728	0.8
Hardware	10	578	0.7	2,258	0.3	1,339	0.6
Pickles, preserves, and sauces	14	311	0.4	2,208	0.3	740	0.3
Marble and stone work	58	244	0.3	2,169	0.3	1,138	0.5
Clothing, women's	10	503	0.6	2,069	0.3	924	0.4
Mattresses and spring beds, not elsewhere specified	15	239	0.3	1,992	0.3	869	0.4
Fur goods	20	268	0.3	1,846	0.2	1,041	0.5
Ice, manufactured	46	504	0.6	1,841	0.2	1,309	0.6
Automobile bodies and parts	37	460	0.6	1,713	0.2	897	0.4
Structural ironwork, not made in steel works or rolling mills	17	224	0.3	1,699	0.2	690	0.3
Coffins, burial cases, and undertakers' goods	8	318	0.4	1,649	0.2	777	0.3
Mineral and soda waters	108	207	0.3	1,633	0.2	807	0.4
Automobiles	6	104	0.1	1,584	0.2	431	0.2
Carriages and wagons, including repairs	60	399	0.5	1,544	0.2	903	0.4
Gloves and mittens, leather	6	290	0.4	1,520	0.2	767	0.3
Tools, not elsewhere specified	17	343	0.4	1,468	0.2	820	0.4
Boxes, paper and other, not elsewhere specified	10	238	0.3	1,438	0.2	459	0.2
Soap	7	82	0.1	1,427	0.2	434	0.2
Pumps, steam and other power	4	323	0.4	1,379	0.2	733	0.3
Perfumery and cosmetics	9	119	0.1	1,240	0.2	549	0.2
Steam fittings and steam and hot-water heating apparatus	5	167	0.2	1,190	0.2	798	0.4
Condensed milk	3	51	0.1	1,094	0.1	301	0.1
Brooms, from broom corn	44	198	0.2	1,052	0.1	507	0.2
All other industries [1]	528	9,045	11.2	56,421	7.6	23,984	10.6

[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: "Cars, steam-railroad, not including operations of railroad companies"; "oil, vegetable and composite"; and "phonographs and graphophones."

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	105,439	87,984	17,455	83.4	16.6
	1914	82,631	70,211	12,420	85.0	15.0
	1909	78,360	66,202	12,158	84.5	15.5
Proprietors and officials	1919	10,965	10,592	373	96.6	3.4
	1914	8,890	8,685	205	97.7	2.3
	1909	8,814	8,578	236	97.3	2.7
Proprietors and firm members	1919	5,393	5,209	184	96.6	3.4
	1914	5,421	5,263	158	97.1	2.9
	1909	5,323	5,137	186	96.5	3.5
Salaried officers of corporations	1919	1,883	1,819	64	96.6	3.4
	1914	1,283	1,247	36	97.2	2.8
	1909	1,424	1,399	25	98.2	1.8
Superintendents and managers	1919	3,689	3,564	125	96.6	3.4
	1914	2,186	2,175	11	99.5	0.5
	1909	2,067	2,042	25	98.8	1.2
Clerks and other subordinate salaried employees.	1919	13,923	9,312	4,611	66.9	33.1
	1914	10,628	7,890	2,738	74.2	25.8
	1909	7,911	5,854	2,057	74.0	26.0
Wage earners (average number)	1919	80,551	68,080	12,471	84.5	15.5
	1914	63,113	53,636	9,477	85.0	15.0
	1909	61,635	51,770	9,865	84.0	16.0
16 years of age and over	1919	79,820	67,641	12,179	84.7	15.3
	1914	62,509	53,224	9,285	85.1	14.9
	1909	60,588	51,128	9,460	84.4	15.6
Under 16 years of age	1919	731	439	292	60.1	39.9
	1914	604	412	192	68.2	31.8
	1909	1,047	642	405	61.3	38.7

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	80,551	84.0	15.1	0.9
	1914	63,113	84.3	14.7	1.0
	1909	61,635	83.0	15.3	1.7
Agricultural implements	1919	906	96.7	2.3	1.0
	1914	1,164	99.7	0.1	0.2
Artificial stone products	1919	672	99.4	0.3	0.3
	1914	809	99.6	0.2	0.1
Automobile repairing	1919	1,355	98.8	1.1	0.1
	1914	200	100.0	.....	.....
Boots and shoes	1919	653	49.3	48.5	2.1
	1914	389	54.0	41.6	4.4
Bread and other bakery products	1919	2,583	63.0	33.7	3.3
	1914	2,182	73.2	25.6	1.2
Brick and tile, terra-cotta, and fire-clay products.	1919	2,452	99.6	0.1	0.3
	1914	3,163	99.6	(1)	0.4
Butter	1919	1,595	86.5	13.0	0.5
	1914	1,274	87.8	12.0	0.2
Buttons	1919	2,091	62.5	34.0	3.6
	1914	2,406	70.6	28.7	0.7
Canning and preserving, fruits and vegetables	1919	1,271	61.4	38.2	0.5
	1914	904	55.5	42.3	2.2
Cars and general shop construction and repairs by steam-railroad companies.	1919	13,536	99.4	0.6	.....
	1914	8,024	100.0	(1)	(1)
Cement [2]	1919	1,017	98.6	1.4	.....
Clothing, men's	1919	705	7.4	91.8	0.9
	1914	880	6.0	92.6	1.4
Clothing, women's	1919	503	25.4	74.6	.....
	1914	563	22.7	76.9	0.4
Confectionery and ice cream	1919	1,739	43.1	54.5	2.4
	1914	1,519	42.4	55.4	2.2
Copper, tin, and sheet-iron work	1919	803	97.5	1.7	0.7
	1914	558	96.2	3.8	.....
Engines, steam, gas, and water	1919	2,739	98.8	1.1	0.1
	1914	1,197	100.0	.....	.....
Flour-mill and gristmill products	1919	509	98.8	0.8	0.4
	1914	790	90.3	9.7	.....
Food preparations, not elsewhere specified	1919	2,441	77.4	22.5	0.1
	1914	1,371	72.9	23.6	3.4
Foundry and machine-shop products [3]	1919	3,548	97.7	2.0	0.3
	1914	3,065	98.5	1.3	0.2
Furniture	1919	894	91.2	8.3	0.5
	1914	1,106	98.7	1.1	0.2
Gas, illuminating and heating	1919	727	99.6	0.4	.....
	1914	768	100.0	.....	.....
Glucose and starch [2]	1919	1,007	95.7	4.3	.....
Hardware	1919	578	86.0	13.8	0.2
	1914	543	88.8	10.5	0.7
Ice, manufactured	1919	504	98.8	1.2	.....
	1914	192	99.5	0.5	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	3,211	95.3	4.0	0.7
	1914	2,970	99.4	0.1	0.4
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	1919	689	79.0	20.3	0.7
	1914	481	86.9	11.6	1.5
Printing and publishing, book and job	1919	1,244	65.0	32.1	2.9
	1914	1,303	70.0	27.8	2.2
Printing and publishing, newspapers and periodicals.	1919	3,352	71.9	25.1	3.0
	1914	3,397	73.7	23.8	2.5
Rubber tires, tubes, and rubber goods, not elsewhere specified. [2]	1919	839	92.8	7.2	.....
Slaughtering and meat packing	1919	7,134	89.7	10.1	0.2
	1914	4,413	92.3	6.5	1.1
Tobacco, cigars	1919	1,305	41.9	56.2	1.9
	1914	1,662	54.2	42.4	3.5
Wall plaster and composition flooring	1919	884	99.8	.....	0.2
	1914	599	100.0	.....	.....
Washing machines and clothes wringers	1919	1,063	98.6	1.1	0.3
	1914	375	97.6	1.9	0.5
All other industries	1919	16,002	76.2	22.3	1.5
	1914	14,846	82.2	16.7	1.1

[1] Less than one-tenth of 1 per cent. [2] Not shown separately in 1914. [3] Includes "iron and steel, tempering and 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.												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
Boone	369	256	166	257	152	132	105	102	31	7	2	3	$1,549,837	$908,073	$469,098
Burlington	2,274	[1] 2,246	3,191	1,525	[1] 1,680	2,660	707	[1] 528	487	42	[1] 38	44	12,090,058	[1] 6,865,655	8,443,296
Cedar Rapids	6,284	4,394	3,565	5,279	3,671	2,795	986	672	674	19	51	96	92,118,386	34,988,838	24,824,276
Clinton	3,452	2,679	2,414	2,969	2,290	2,156	469	362	217	14	27	41	30,321,143	10,427,432	7,479,515
Council Bluffs	1,891	1,336	1,434	1,575	1,036	1,207	314	277	222	2	23	5	10,610,664	4,279,165	3,768,508
Davenport	3,928	3,958	4,231	2,880	2,952	3,203	1,010	976	956	38	30	72	32,587,229	17,172,963	18,801,842
Des Moines	7,035	5,306	5,383	5,310	4,194	4,208	1,628	1,075	1,067	147	37	108	59,830,954	23,746,551	23,584,667
Du buque	6,147	5,171	5,160	5,016	4,071	4,153	1,074	1,043	955	57	57	52	34,277,085	14,714,143	15,249,199
Fort Dodge	1,605	951	1,115	1,299	695	834	305	238	252	1	18	29	10,884,039	4,871,421	2,975,459
Fort Madison	1,029	.....	.....	819	.....	.....	208	.....	.....	2	.....	.....	4,836,291	.....	.....
Iowa City	322	350	282	230	234	206	92	114	76	.....	2	.....	1,767,313	1,333,106	805,046
Keokuk	1,598	1,333	1,541	1,272	1,046	1,181	301	262	334	25	25	26	17,554,816	8,250,274	7,398,733
Marshalltown	1,338	1,060	1,365	1,178	974	1,207	156	85	132	4	1	26	8,642,468	5,149,858	4,821,805
Mason City	2,367	2,054	807	2,235	1,995	766	112	55	41	20	4	.....	29,512,534	11,742,456	2,880,732
Muscatine	2,522	2,397	3,496	1,895	1,781	2,618	552	584	759	75	32	119	10,753,750	5,999,485	6,165,866
Ottumwa	2,601	2,447	2,650	2,133	1,944	2,025	454	471	546	14	32	79	45,029,524	21,299,929	14,838,315
Sioux City	6,749	4,753	3,750	5,738	3,954	3,293	1,001	749	412	10	50	45	146,393,134	49,479,444	37,424,450
Waterloo	4,620	3,483	3,124	4,143	3,183	2,712	421	297	409	56	3	3	35,481,225	14,126,178	8,999,420

[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	75,556	61,051	*55,649*	88.0	90.0	81.8	July	81,343	63,519	62,215	94.8	93.6	91.5
February	*75,141*	60,856	56,081	87.6	89.7	82.5	August	83,928	**67,845**	66,408	97.8	100.0	97.7
March	75,692	62,144	57,912	88.2	91.6	85.2	September	85,417	67,085	68,006	99.5	98.9	100.0
April	76,185	62,970	60,328	88.8	92.8	88.7	October	84,496	63,639	64,097	98.5	93.8	94.3
May	77,980	62,982	61,440	90.9	92.8	90.3	November	**85,825**	60,946	62,895	100.0	89.8	92.5
June	79,963	63,658	62,581	93.2	93.8	92.0	December	85,086	*60,661*	62,018	99.2	89.4	91.2

[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	80,551	75,556	*75,141*	75,692	76,185	77,980	79,963	81,343	83,928	85,417	84,496	**85,825**	85,086	87.6
Males	68,080	63,783	*63,765*	64,666	65,131	66,561	68,270	69,612	70,045	70,808	70,866	**71,994**	71,459	88.6
Females	12,471	11,773	11,376	*11,026*	11,054	11,419	11,693	11,731	13,883	**14,609**	13,630	13,831	13,627	75.5
Agricultural implements	906	886	913	924	915	881	892	900	*854*	856	909	951	**991**	86.2
Artificial stone products	672	*311*	343	446	699	771	824	846	927	**938**	825	645	489	33.2
Automobile repairing	1,355	*1,119*	1,139	1,204	1,329	1,371	1,453	1,508	**1,532**	1,497	1,407	1,377	1,324	73.0
Boots and shoes	653	628	648	653	674	668	701	683	659	633	621	*610*	658	87.0
Bread and other bakery products	2,583	2,439	2,361	*2,227*	2,389	2,487	2,599	2,625	2,688	2,709	2,735	**2,881**	2,856	77.3
Brick and tile, terra-cotta, and fire-clay products	2,452	*1,104*	1,223	1,908	2,470	2,872	3,103	3,131	**3,199**	3,144	2,995	2,542	1,733	34.5
Butter	1,595	1,321	1,260	*1,243*	1,470	1,680	1,881	1,784	1,713	1,774	1,745	1,701	1,568	66.1
Buttons	2,091	2,040	2,070	2,145	1,976	*1,939*	1,959	1,983	2,030	2,005	2,164	2,284	**2,497**	77.7
Canning and preserving, fruits and vegetables	1,271	370	*326*	372	357	441	478	494	4,302	**5,365**	1,591	779	377	6.1
Cars and general shop construction and repairs by steam-railroad companies	13,536	13,836	13,818	13,566	13,385	13,420	*13,157*	13,248	13,187	13,339	13,611	13,828	**14,037**	93.7
Cement	1,017	*536*	*536*	704	976	1,083	1,182	1,191	1,275	**1,310**	1,283	1,169	959	40.9
Clothing, men's	705	622	627	*561*	592	653	690	766	777	755	781	792	**844**	66.5
Clothing, women's	503	486	487	509	474	*467*	486	483	502	525	**556**	529	532	84.0
Confectionery and ice cream	1,739	1,557	1,594	*1,539*	1,620	1,666	1,753	1,690	1,818	1,935	1,879	**1,996**	1,821	77.1
Copper, tin, and sheet-iron work	803	788	720	*654*	714	716	769	813	844	867	916	911	**924**	70.8
Engines, steam, gas, and water	2,739	3,063	3,390	**3,536**	3,165	3,030	3,066	3,003	*1,489*	1,619	2,116	2,485	2,906	42.1
Flour-mill and gristmill products	509	518	507	503	493	477	476	*475*	484	497	542	560	**576**	82.5
Food preparations, not elsewhere specified	2,441	2,696	2,071	1,836	*1,710*	1,886	2,083	2,316	2,827	2,995	2,945	**3,173**	2,754	53.9
Foundry and machine-shop products	3,529	*3,339*	3,384	3,354	3,360	3,427	3,441	3,519	3,403	3,509	3,771	3,870	**3,971**	84.1
Furniture	894	*750*	762	801	821	848	869	903	931	974	1,011	**1,043**	1,035	70.0
Gas, illuminating and heating	727	727	*696*	714	732	729	711	718	728	748	730	741	**750**	92.8
Glucose and starch	1,007	1,431	1,264	1,061	1,253	1,272	823	834	849	856	869	809	*765*	53.3
Hardware	578	*469*	491	470	470	495	529	547	632	684	714	**718**	717	65.3
Ice, manufactured	504	535	521	479	322	405	556	**717**	712	636	503	349	*313*	43.7
Lumber, planing-mill products, not including planing mills connected with sawmills	3,211	*2,461*	2,686	2,754	2,864	3,045	3,308	3,483	3,555	3,544	3,587	**3,633**	3,622	67.5

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.	
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	689	658	297	*251*	374	410	511	449	494	734	1,004	1,438	**1,648**	15.2
Printing and publishing, book and job	1,244	*1,170*	1,177	1,187	1,187	1,208	1,209	1,228	1,230	1,255	1,317	1,358	**1,402**	83.5
Printing and publishing, newspapers and periodicals	3,352	*3,176*	3,237	3,290	3,302	3,266	3,271	3,296	3,311	3,229	3,523	3,559	**3,764**	84.4
Rubber tires, tubes, and rubber goods, not elsewhere specified	839	*540*	687	760	783	814	844	911	963	958	995	910	903	54.3
Slaughtering and meat packing	7,134	**8,170**	7,757	7,499	6,706	6,715	7,104	7,151	6,487	*6,032*	6,641	7,292	8,054	73.8
Tobacco, cigars	1,305	1,252	1,296	1,302	1,293	1,268	1,243	*1,230*	1,329	1,346	1,364	**1,384**	1,353	88.9
Wall plaster and composition flooring	884	*577*	590	638	712	787	854	1,011	1,074	1,070	1,113	1,160	1,022	49.7
Washing machines and clothes wringers	1,063	*915*	967	1,004	1,041	1,072	1,068	1,091	1,075	1,084	1,100	1,154	**1,185**	77.2
All other industries	16,021	*15,096*	15,296	15,598	15,557	15,711	16,070	16,316	16,048	15,995	16,633	**17,194**	16,738	87.8
Industries showing large proportion of females.														
Boots and shoes	321	315	320	325	333	317	331	325	318	311	313	*308*	**336**	91.7
Bread and other bakery products	899	897	834	*730*	822	871	912	901	926	939	969	**1,007**	980	72.5
Butter	207	138	*112*	116	185	259	288	228	214	274	244	227	199	38.9
Buttons	768	733	776	783	758	759	742	766	730	*711*	753	818	**857**	83.0
Canning and preserving, fruits and vegetables	486	96	*83*	89	84	110	111	116	1,765	**2,325**	701	260	92	3.6
Clothing, men's	652	573	575	*519*	542	601	637	711	721	701	725	736	**783**	66.3
Clothing, women's	375	358	357	374	346	*341*	358	356	373	398	**429**	405	405	79.5
Confectionery and ice cream	954	913	929	869	879	881	879	*781*	898	1,061	1,069	**1,213**	1,076	64.4
Food preparations, not elsewhere specified	550	649	398	313	*261*	328	380	494	757	740	748	**858**	674	30.4
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	143	113	*53*	39	83	104	128	93	104	173	225	308	**313**	10.5
Printing and publishing, book and job	411	398	393	392	387	391	*384*	394	393	401	448	461	**490**	78.4
Printing and publishing, newspapers and periodicals	889	864	900	895	892	860	858	850	834	*717*	933	953	**1,112**	64.5
Slaughtering and meat packing	722	787	740	729	674	709	715	707	683	*668*	689	759	**804**	83.1
Tobacco, cigars	743	722	757	746	728	722	703	*687*	765	767	775	**793**	751	86.6
Total for cities	56,181	53,492	53,224	53,330	*52,791*	54,240	56,176	57,254	56,552	57,133	58,722	60,532	**60,727**	86.9
Males	46,097	43,656	43,696	44,087	*43,577*	44,763	46,528	47,523	46,155	46,394	47,906	49,246	**49,633**	87.8
Females	10,084	9,835	9,528	9,243	*9,214*	9,477	9,648	9,731	10,397	10,739	10,816	**11,286**	11,094	81.6
BOONE	369	371	357	359	*352*	356	380	375	379	366	375	381	**377**	92.4
Males	261	262	251	251	*243*	250	256	262	**275**	274	272	273	263	88.4
Females	108	109	106	108	109	106	**124**	113	104	*92*	103	108	114	74.2
BURLINGTON	2,274	*2,024*	2,078	2,158	2,132	2,246	2,203	2,305	2,372	2,344	2,460	2,479	**2,487**	81.4
Males	1,544	*1,370*	1,396	1,436	1,422	1,520	1,487	1,574	1,645	1,620	1,670	1,675	**1,713**	80.0
Females	730	*654*	682	722	710	726	716	731	727	724	790	**804**	774	81.3
CEDAR RAPIDS	6,284	**6,840**	6,201	*5,659*	5,687	5,985	6,034	6,249	6,535	6,650	6,534	6,542	6,492	82.7
Males	5,295	**5,717**	5,290	*4,937*	4,959	5,157	5,203	5,269	5,356	5,421	5,373	5,381	5,477	86.4
Females	989	1,123	911	*722*	728	828	831	980	1,179	**1,229**	1,161	1,161	1,015	58.7
CLINTON	3,452	3,184	3,247	*3,072*	3,245	3,428	3,527	3,490	3,525	3,638	3,683	**3,727**	3,658	82.4
Males	2,981	*2,719*	2,796	2,724	2,807	2,960	3,043	3,055	3,048	3,139	3,176	**3,187**	3,118	85.3
Females	471	465	451	*348*	438	468	484	435	477	499	507	**540**	**540**	64.4
COUNCIL BLUFFS	1,891	*1,689*	1,757	1,756	1,805	1,848	1,890	1,953	2,007	**2,065**	2,018	1,958	1,946	81.8
Males	1,577	*1,403*	1,443	1,462	1,494	1,515	1,573	1,666	1,682	**1,710**	1,677	1,636	1,663	82.0
Females	314	286	314	294	311	333	317	287	325	355	341	322	*283*	79.7
DAVENPORT	3,928	*3,671*	3,718	3,724	3,685	3,721	3,805	3,785	3,927	4,027	4,130	4,461	**4,482**	81.9
Males	2,897	*2,653*	2,713	2,747	2,733	2,779	2,866	2,842	2,891	2,956	3,016	3,270	**3,298**	80.4
Females	1,031	1,018	1,005	977	952	942	*939*	943	1,036	1,071	1,114	1,191	1,184	78.8
DES MOINES	7,085	6,320	*6,239*	6,510	6,654	6,748	7,137	7,195	7,366	7,425	7,873	7,959	**7,594**	78.4
Males	5,429	4,761	*4,696*	4,953	5,078	5,166	5,467	5,573	5,770	5,776	6,098	**6,102**	5,708	77.0
Females	1,656	1,559	*1,543*	1,557	1,576	1,582	1,670	1,622	1,596	1,649	1,775	1,857	**1,886**	81.8
DUBUQUE	6,147	*5,587*	5,805	5,661	5,643	5,846	6,046	6,218	6,406	6,480	6,548	**6,770**	6,754	82.5
Males	5,036	*4,492*	4,728	4,615	4,604	4,785	4,955	5,107	5,284	5,320	5,417	5,551	**5,574**	80.6
Females	1,111	1,095	1,077	1,046	*1,039*	1,061	1,091	1,111	1,122	1,160	1,131	**1,219**	1,180	85.2
FORT DODGE	1,605	1,327	*1,198*	1,263	1,289	1,396	1,500	1,694	1,864	1,913	1,983	**1,988**	1,845	60.3
Males	1,300	1,019	*962*	1,030	1,036	1,135	1,238	1,444	1,517	1,559	**1,612**	1,602	1,446	59.7
Females	305	308	236	*233*	253	261	262	250	347	354	371	386	**399**	58.4
FORT MADISON	1,029	*825*	878	952	960	957	1,018	1,081	1,135	1,113	1,112	1,137	**1,180**	69.9
Males	819	*677*	720	757	748	761	796	866	902	886	871	911	**933**	72.6
Females	210	*148*	158	195	212	196	222	215	233	227	241	226	**247**	59.9
IOWA CITY	322	*251*	259	263	270	279	308	347	387	**390**	363	387	360	64.4
Males	230	*176*	190	188	195	204	227	257	262	269	264	**272**	256	64.7
Females	92	75	*69*	75	75	75	81	90	**125**	121	99	115	104	55.2
KEOKUK	1,598	*1,478*	1,496	1,514	1,523	1,527	1,547	1,636	1,620	1,648	1,704	**1,793**	1,690	82.4
Males	1,289	*1,154*	1,169	1,197	1,235	1,242	1,245	1,354	1,328	1,349	1,392	**1,449**	1,354	79.6
Females	309	324	327	317	288	285	302	*282*	292	299	312	**344**	336	82.0
MARSHALLTOWN	1,338	1,189	*1,170*	1,204	1,195	1,203	1,262	1,372	1,371	1,559	1,498	1,506	1,527	76.6
Males	1,182	1,094	1,058	1,058	*1,048*	1,055	1,115	1,224	1,229	1,329	1,296	1,320	**1,358**	77.2
Females	156	*95*	112	146	147	148	147	148	142	**230**	202	186	169	41.3
MASON CITY	2,367	1,851	*1,692*	2,085	2,267	2,499	**2,704**	2,688	2,588	2,521	2,486	2,478	2,545	62.6
Males	2,253	1,732	*1,592*	1,991	2,170	2,384	**2,574**	2,564	2,474	2,405	2,371	2,358	2,421	61.8
Females	114	119	100	*94*	97	115	**130**	124	114	116	115	120	124	72.3
MUSCATINE	2,522	*2,180*	2,308	2,423	2,330	2,387	2,451	2,547	2,762	2,677	2,642	2,723	**2,834**	76.9
Males	1,920	*1,623*	1,733	1,833	1,780	1,811	1,871	1,907	2,120	2,051	2,036	2,085	**2,190**	74.1
Females	602	557	575	590	*550*	576	580	640	642	626	606	638	**644**	85.4
OTTUMWA	2,601	2,572	2,566	2,578	*2,376*	2,455	2,638	2,603	2,554	2,555	2,645	2,803	**2,867**	82.9
Males	2,142	2,110	2,105	2,125	*1,960*	2,028	2,220	2,194	2,104	2,092	2,149	2,283	**2,334**	84.0
Females	459	462	461	453	416	427	418	*409*	450	463	496	520	**533**	76.7
SIOUX CITY	6,749	**7,068**	6,960	6,832	6,440	*6,419*	6,684	6,786	6,619	6,421	6,835	6,945	6,979	90.8
Males	5,744	**6,083**	5,966	5,856	5,482	5,457	5,731	5,814	5,630	*5,404*	5,787	5,840	5,878	88.8
Females	1,005	985	994	976	958	962	*953*	972	989	1,017	1,048	**1,105**	1,101	86.2
WATERLOO	4,620	5,064	5,295	**5,317**	4,938	4,940	5,042	4,930	*3,135*	3,341	3,833	4,495	5,110	59.0
Males	4,198	4,611	4,888	**4,927**	4,583	4,554	4,661	4,551	*2,638*	2,834	3,429	4,051	4,649	53.5
Females	422	453	407	390	*355*	386	381	379	497	**507**	404	444	461	70.0

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	80,551	1,411	4,484	24,733	6,657	15,543	12,013	12,996	2,714
	1914	63,113	(2)	(2)	10,966	4,210	12,484	7,662	22,800	4,991
	1909	61,635	(2)	(2)	6,594	2,034	8,972	11,125	27,049	5,861
Agricultural implements	1919	906	.....	76	2	213	204	315	96	.....
	1914	1,164	(2)	(2)	1	141	37	405	580	.....
Artificial stone products	1919	672	10	.....	64	11	134	34	419	.....
	1914	809	(2)	(2)	41	21	168	32	547	.....
Automobile repairing	1919	1,355	4	.....	165	29	393	32	717	15
	1914	200	(2)	(2)	9	.....	32	14	140	5
Boots and shoes	1919	653	.....	.....	.....	146	265	242	.....	.....
	1914	389	(2)	(2)	1	.....	.....	243	145	.....
Bread and other bakery products	1919	2,583	35	345	447	353	504	46	732	121
	1914	2,182	(2)	(2)	97	115	288	588	936	158
Brick and tile, terra-cotta, and fire-clay products	1919	2,452	.....	.....	152	5	553	21	1,721	.....
	1914	3,163	(2)	(2)	118	12	487	19	2,423	104
Butter	1919	1,595	44	5	447	14	236	127	667	55
	1914	1,274	(2)	(2)	158	37	106	16	774	183
Buttons	1919	2,091	45	2	1	615	333	989	102	4
	1914	2,406	(2)	(2)	3	362	664	824	553	.....
Canning and preserving, fruits and vegetables	1919	1,271	15	.....	32	7	85	44	862	226
	1914	904	(2)	(2)	78	38	1	.....	593	194
Cars and general shop construction and repairs by steam-railroad companies.	1919	13,536	.....	3,656	6,461	.....	479	2,940	.....	.....
	1914	8,024	(2)	(2)	4,301	676	1,166	16	154	711
Cement [3]	1919	1,017	.....	.....	.....	.....	230	.....	.....	787
Clothing, men's	1919	705	242	40	73	242	108	.....	.....	.....
	1914	880	(2)	(2)	188	386	65	157	84	.....
Clothing, women's	1919	503	.....	28	67	408	.....	.....	.....	.....
	1914	563	.....	.....	.....	171	25	341	26	.....
Confectionery and ice cream	1919	1,739	6	1	201	347	274	252	552	106
	1914	1,519	(2)	(2)	27	2	172	277	895	146
Copper, tin, and sheet-iron work	1919	803	41	.....	271	52	369	26	44	.....
	1914	558	(2)	(2)	74	78	215	26	165	.....
Engines, steam, gas, and water	1919	2,739	.....	4	584	.....	1,005	383	763	.....
	1914	1,197	(2)	(2)	456	.....	602	59	80	.....
Flour-mill and gristmill products	1919	509	3	.....	112	9	30	3	264	88
	1914	790	(2)	(2)	26	2	15	.....	655	92
Food preparations, not elsewhere specified	1919	2,441	1	.....	1,717	28	33	243	233	186
	1914	1,371	(2)	(2)	9	3	4	26	427	902
Foundry and machine-shop products [4]	1919	3,548	28	9	238	179	1,596	807	685	6
	1914	3,065	(2)	(2)	39	209	619	837	1,360	1
Furniture	1919	894	40	.....	160	412	220	20	42	.....
	1914	1,106	.....	.....	.....	27	538	266	215	60
Gas, illuminating and heating	1919	727	3	.....	68	7	173	162	46	268
	1914	768	(2)	(2)	27	.....	14	126	322	279
Glucose and starch [3]	1919	1,007	.....	.....	.....	.....	.....	479	.....	528
Hardware	1919	578	4	.....	.....	12	439	83	40	.....
	1914	543	(2)	(2)	1	132	142	83	185	.....
Ice, manufactured	1919	504	.....	.....	14	4	126	203	111	46
	1914	192	(2)	(2)	2	.....	1	18	84	87
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	3,211	5	.....	78	120	2,352	40	616	.....
	1914	2,970	(2)	(2)	187	15	549	270	1,949	.....
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	1919	689	.....	.....	6	.....	56	20	607	.....
	1914	481	(2)	(2)	8	16	47	.....	359	51
Printing and publishing, book and job	1919	1,244	10	10	1,052	54	108	10	.....	.....
	1914	1,303	(2)	(2)	731	149	388	17	18	.....
Printing and publishing, newspapers and periodicals	1919	3,352	29	12	2,074	353	596	223	65	.....
	1914	3,397	(2)	(2)	1,486	359	1,003	313	228	8
Rubber tires, tubes, and rubber goods, not elsewhere specified [3]	1919	839	.....	.....	385	64	150	240	.....	.....
Slaughtering and meat packing	1919	7,134	136	.....	5,190	.....	26	41	1,741	.....
	1914	4,413	(2)	(2)	7	.....	207	.....	4,194	5
Tobacco, cigars	1919	1,305	126	13	529	454	129	26	24	4
	1914	1,662	(2)	(2)	975	398	224	11	54	.....
Wall plaster and composition flooring	1919	884	.....	.....	865	.....	15	.....	4	.....
	1914	599	.....	.....	.....	.....	273	.....	326	.....
Washing machines and clothes wringers	1919	1,063	.....	.....	.....	.....	402	555	106	.....
	1914	375	.....	.....	.....	33	217	21	104	.....
All other industries	1919	16,002	584	283	3,278	2,519	3,920	3,407	1,737	274
	1914	14,846	(2)	(2)	1,916	828	3,215	2,657	4,225	2,005

[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, tempering and welding."

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.
Total for cities	1919	56,181	1,148	3,509	18,184	5,676	12,019	6,610	6,969	2,066
	1914	44,174	(2)	(2)	7,716	2,912	8,124	5,665	15,751	4,006
BOONE	1919	369	2	.....	266	3	71	16	6	5
	1914	256	(2)	(2)	59	9	20	77	70	21
BURLINGTON	1919	2,274	192	34	562	1,238	137	31	72	8
	1914	2,246	(2)	(2)	373	35	299	279	1,176	34
CEDAR RAPIDS	1919	6,284	10	52	4,309	297	748	205	400	263
	1914	4,394	(2)	(2)	917	54	345	310	1,465	1,303
CLINTON	1919	3,452	5	194	1,625	283	771	491	79	4
	1914	2,679	(2)	(2)	611	280	225	620	574	369
COUNCIL BLUFFS	1919	1,891	50	132	133	14	146	799	538	79
	1914	1,336	(2)	(2)	218	113	106	135	579	185
DAVENPORT	1919	3,928	374	13	641	350	897	499	970	184
	1914	3,958	(2)	(2)	968	501	639	472	1,171	207
DES MOINES	1919	7,085	338	437	2,897	790	1,789	566	201	67
	1914	5,306	(2)	(2)	1,078	318	1,922	697	1,026	265
DUBUQUE	1919	6,147	.....	1,390	448	525	2,902	503	379	.....
	1914	5,171	(2)	(2)	1,202	180	942	596	2,142	109
FORT DODGE	1919	1,605	2	.....	346	10	393	439	396	19
	1914	951	(2)	(2)	29	49	150	261	400	62
FORT MADISON [3]	1919	1,029	14	77	461	295	32	78	8	64
IOWA CITY	1919	322	12	.....	124	42	122	.....	14	8
	1914	350	(2)	(2)	59	88	108	19	56	20
KEOKUK	1919	1,598	3	3	126	77	260	484	273	372
	1914	1,333	(2)	(2)	101	114	132	148	522	316
MARSHALLTOWN	1919	1,338	3	.....	554	58	340	98	271	14
	1914	1,060	(2)	(2)	80	151	401	50	358	20
MASON CITY	1919	2,367	4	137	707	24	25	154	547	769
	1914	2,054	(2)	(2)	103	66	235	5	750	895
MUSCATINE	1919	2,522	6	.....	125	346	656	986	395	8
	1914	2,397	(2)	(2)	226	365	442	593	769	2
OTTUMWA	1919	2,601	.....	.....	1,405	665	403	21	73	34
	1914	2,447	(2)	(2)	94	163	450	48	1,637	55
SIOUX CITY	1919	6,749	125	352	2,671	520	584	241	2,161	95
	1914	4,753	(2)	(2)	952	240	462	637	2,367	95
WATERLOO	1919	4,620	8	688	784	139	1,743	999	186	73
	1914	3,483	(2)	(2)	646	136	1,246	718	689	48

[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.	TOTAL. Wage earners (average number).	ESTABLISHMENTS EMPLOYING— No wage earners. Establishments.	1 to 5 wage earners, inclusive. Establishments.	1 to 5 wage earners, inclusive. Wage earners.	6 to 20 wage earners, inclusive. Establishments.	6 to 20 wage earners, inclusive. Wage earners.	21 to 50 wage earners, inclusive. Establishments.	21 to 50 wage earners, inclusive. Wage earners.	51 to 100 wage earners, inclusive. Establishments.	51 to 100 wage earners, inclusive. Wage earners.	101 to 250 wage earners, inclusive. Establishments.	101 to 250 wage earners, inclusive. Wage earners.	251 to 500 wage earners, inclusive. Establishments.	251 to 500 wage earners, inclusive. Wage earners.	501 to 1,000 wage earners, inclusive. Establishments.	501 to 1,000 wage earners, inclusive. Wage earners.	Over 1,000 wage earners. Establishments.	Over 1,000 wage earners. Wage earners.
All industries	5,683	80,551	779	3,492	7,101	813	8,921	322	10,468	135	9,470	96	15,048	25	8,650	12	8,878	9	12,015
Agricultural implements	26	906	2	9	18	8	90	2	75	1	77	4	646	.....	.....	.....	.....	.....	.....
Artificial stone products	255	672	39	187	273	24	256	5	143	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Automobile repairing	579	1,355	41	498	998	40	357	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boots and shoes	6	653	.....	.....	.....	1	11	1	43	1	60	2	274	1	265	.....	.....	.....	.....
Bread and other bakery products	538	2,583	80	393	750	44	441	14	433	2	119	5	840	.....	.....	.....	.....	.....	.....
Brick and tile, terra-cotta, and fire-clay products	113	2,452	1	47	160	32	357	15	541	14	880	4	514	.....	.....	.....	.....	.....	.....
Butter	411	1,595	26	342	628	35	398	4	133	1	78	3	358	.....	.....	.....	.....	.....	.....
Buttons	77	2,091	4	28	70	24	294	9	282	5	367	7	1,078	.....	.....	.....	.....	.....	.....
Canning and preserving, fruits and vegetables	62	1,271	.....	8	23	30	369	23	695	.....	.....	1	184	.....	.....	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	51	13,536	.....	6	15	4	70	5	180	7	476	13	2,250	7	2,446	6	4,399	3	3,700
Cement	4	1,017	.....	.....	.....	.....	.....	.....	.....	1	53	1	230	2	734	.....	.....	.....	.....
Clothing, men's	18	705	.....	2	3	2	38	10	371	4	293	.....	.....	.....	.....	.....	.....	.....	.....
Clothing, women's	10	503	.....	.....	.....	3	33	5	153	1	67	1	250	.....	.....	.....	.....	.....	.....
Confectionery and ice cream	182	1,739	23	120	234	22	242	7	239	9	680	.....	.....	1	344	.....	.....	.....	.....
Copper, tin, and sheet-iron work	120	803	6	83	145	25	250	1	22	4	247	1	139	.....	.....	.....	.....	.....	.....

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

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.
Engines, steam, gas, and water	17	2,739	.....	4	13	4	38	2	53	1	63	3	496	1	366	2	1,710	....	.....
Flour-mill and gristmill products	189	509	40	133	212	12	141	3	104	1	52	....	.....	....	.....	....	.....	....	.....
Food preparations, not elsewhere specified	30	2,441	2	17	35	5	64	1	28	1	60	3	574	....	.....	....	.....	1	1,680
Foundry and machine-shop products	198	3,529	12	98	245	48	495	24	835	7	593	8	946	1	415	....	.....	....	.....
Furniture	36	894	2	12	32	9	114	10	344	2	184	1	220	....	.....	....	.....	....	.....
Gas, illuminating and heating	68	727	1	47	119	9	117	8	229	2	139	1	123	....	.....	....	.....	....	.....
Glucose and starch	4	1,007	1	.....	.....	.....	.....	.....	.....	.....	.....	1	231	2	776	....	.....	....	.....
Hardware	10	578	.....	2	4	4	61	.....	.....	2	161	2	352	....	.....	....	.....	....	.....
Ice, manufactured	46	504	1	28	85	11	126	5	162	.....	.....	1	131	....	.....	....	.....	....	.....
Lumber, planing-mill products, not including planing mills connected with sawmills	97	3,211	7	46	114	20	245	12	410	6	451	2	279	3	1,031	1	681	....	.....
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	47	689	.....	19	61	21	257	4	115	3	256	....	.....	....	.....	....	.....	....	.....
Printing and publishing, book and job	207	1,244	42	102	268	49	512	12	345	2	119	....	.....	....	.....	....	.....	....	.....
Printing and publishing, newspapers and periodicals	774	3,352	179	504	1,088	62	633	20	598	5	321	3	459	1	253	....	.....	....	.....
Rubber tires, tubes, and rubber goods, not elsewhere specified	9	839	1	.....	.....	3	48	1	24	1	57	2	325	1	385	....	.....	....	.....
Slaughtering and meat packing	21	7,134	.....	3	7	6	64	2	92	1	59	2	311	2	730	1	585	4	5,286
Tobacco, cigars	211	1,305	74	102	212	24	244	4	126	4	242	3	481	....	.....	....	.....	....	.....
Wall plaster and composition flooring	7	884	.....	1	5	2	25	2	78	.....	.....	1	246	....	.....	1	530	....	.....
Washing machines and clothes wringers	14	1,063	.....	.....	.....	3	34	4	163	4	314	2	248	1	304	....	.....	....	.....
All other industries	1,246	16,021	195	651	1,284	227	2,497	107	3,452	43	3,002	19	2,863	2	601	1	973	1	1,349
Total for cities	2,310	56,181	234	1,106	2,587	520	5,821	238	7,822	103	7,275	75	11,843	21	7,224	7	5,320	6	8,289
BOONE	39	369	4	27	62	5	63	1	48	1	95	1	101	....	.....	....	.....	....	.....
BURLINGTON	97	2,274	8	45	120	19	201	14	456	7	543	3	588	1	366	....	.....	....	.....
CEDAR RAPIDS	208	6,284	20	110	252	46	474	17	556	7	506	5	852	....	.....	1	824	2	2,820
CLINTON	119	3,452	17	50	97	25	268	12	381	6	436	6	850	2	799	1	621	....	.....
COUNCIL BLUFFS	111	1,891	10	61	131	24	273	10	318	2	119	1	122	3	928	....	.....	....	.....
DAVENPORT	219	3,028	17	117	276	47	517	19	666	8	551	9	1,236	2	682	....	.....	....	.....
DES MOINES	379	7,085	62	141	327	85	988	54	1,767	24	1,643	12	2,008	1	352	....	.....	....	.....
DUBUQUE	131	6,147	8	58	151	29	324	19	653	7	459	5	886	2	697	2	1,054	1	1,323
FORT DODGE	80	1,605	6	44	108	16	167	6	206	5	387	2	472	1	265	....	.....	....	.....
FORT MADISON	34	1,029	2	18	47	7	84	3	127	2	144	1	242	1	385	....	.....	....	.....
IOWA CITY	49	322	12	18	44	16	170	3	108	.....	.....	....	.....	....	.....	....	.....	....	.....
KEOKUK	71	1,598	8	31	88	13	132	10	354	5	303	3	424	1	297	....	.....	....	.....
MARSHALLTOWN	62	1,338	2	33	83	12	154	10	315	3	253	1	184	1	349	....	.....	....	.....
MASON CITY	59	2,367	3	30	70	12	136	4	118	3	181	4	542	2	734	1	586	....	.....
MUSCATINE	146	2,522	9	84	194	37	474	4	103	3	233	8	1,171	1	347	....	.....	....	.....
OTTUMWA	94	2,601	8	46	101	22	252	11	337	3	244	3	450	....	.....	....	.....	1	1,217
SIOUX CITY	251	6,749	20	121	275	70	722	20	597	10	707	6	874	2	645	....	.....	2	2,929
WATERLOO	161	4,620	18	72	161	35	422	21	712	7	471	5	841	1	378	2	1,635	....	.....

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	5,683	5,614	5,528	80,551	63,113	61,635	$745,472,697	$310,749,974	$259,237,637	$225,231,890	$105,298,635	$88,530,589
Less than $5,000	1,491	2,144	2,281	930	2,230	2,639	3,883,673	5,438,188	5,437,954	2,426,493	3,452,552	3,474,403
$5,000 to $20,000	1,985	1,866	1,696	4,808	6,693	6,836	20,732,463	19,176,618	16,965,804	11,684,884	10,321,195	9,175,990
$20,000 to $100,000	1,381	1,165	1,156	10,219	13,110	14,344	64,432,786	51,971,869	50,150,907	25,566,436	19,864,668	18,679,294
$100,000 to $500,000	642	356	366	21,019	29,359	27,422	136,851,077	73,326,758	91,097,657	56,009,329	47,624,555	38,737,562
$500,000 to $1,000,000	87	49		8,489			58,983,459	35,203,676		24,565,177		
$1,000,000 and over	97	34	29	35,086	11,721	10,394	460,589,239	125,632,865	95,585,315	104,979,571	24,035,665	18,403,340
	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	26.2	38.2	41.3	1.2	3.5	4.3	0.5	1.8	2.1	1.1	3.3	3.9
$5,000 to $20,000	34.9	33.2	30.7	6.0	10.6	11.1	2.8	6.2	6.5	5.2	9.8	10.4
$20,000 to $100,000	24.3	20.8	20.9	12.7	20.8	23.3	8.6	16.7	19.3	11.4	18.9	21.1
$100,000 to $500,000	11.3	6.3	6.6	26.1	46.5	44.5	18.4	23.6	35.1	24.9	45.2	43.8
$500,000 to $1,000,000	1.5	0.9		10.5			7.9	11.3		10.9		
$1,000,000 and over	1.7	0.6	0.5	43.6	18.6	16.9	61.8	40.4	36.9	46.6	22.8	20.9

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	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	538	518	100.0	100.0	2,583	2,182	100.0	100.0	$20,244,067	$9,150,514	100.0	100.0	$7,733,476	$3,984,791	100.0	100.0
Less than $5,000	63	168	11.7	32.4	19	126	0.7	5.8	188,144	522,761	0.9	5.7	67,583	249,099	0.9	6.3
$5,000 to $20,000	299	290	55.6	56.0	370	633	14.3	29.0	3,278,778	2,911,835	16.2	31.8	1,244,090	1,322,560	16.1	33.2
$20,000 to $100,000	146	46	27.1	8.9	685	416	26.5	19.1	5,851,618	1,650,298	28.9	18.0	1,877,811	682,054	24.3	17.1
$100,000 to $500,000	24	10	4.5	1.9	620	[1] 1,007	24.0	46.1	5,186,228	1,701,802	25.6	18.6	1,795,283	[1] 1,731,078	23.2	43.4
$500,000 to $1,000,000	3	4	0.6	0.8	336	.....	13.0	.....	2,376,969	2,363,818	11.7	25.8	1,120,369	.....	14.5	.....
$1,000,000 and over	3	.....	0.6	.....	553	.....	21.4	.....	3,362,330	.....	16.6	.....	1,628,340	.....	21.1	.....
BUTTER	411	474	100.0	100.0	1,595	1,274	100.0	100.0	56,422,287	27,028,255	100.0	100.0	6,982,806	3,425,968	100.0	100.0
Less than $5,000	8	13	1.9	2.7	4	6	0.3	0.5	23,107	35,009	(2)	0.1	5,463	5,433	0.1	0.2
$5,000 to $20,000	22	102	5.4	21.5	15	113	0.9	8.9	350,053	1,428,290	0.6	5.3	37,668	218,524	0.5	6.4
$20,000 to $100,000	242	317	58.9	66.9	396	593	24.8	46.5	13,523,799	14,243,580	24.0	52.7	1,275,106	1,409,828	18.3	41.1
$100,000 to $500,000	122	[3] 42	29.7	8.9	479	[3] 562	30.0	44.1	20,994,198	[3] 11,321,376	37.2	41.9	2,136,954	[3] 1,792,183	30.6	52.3
$500,000 and over	17	.....	4.1	.....	701	.....	43.9	.....	21,531,130	.....	38.2	.....	3,527,615	.....	50.5	.....
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	51	36	100.0	100.0	13,536	8,024	100.0	100.0	33,098,600	11,433,988	100.0	100.0	20,879,630	6,700,463	100.0	100.0
Less than $20,000	6	.....	11.8	.....	16	.....	0.1	.....	39,101	.....	0.1	.....	30,750	.....	0.1	.....
$20,000 to $100,000	7	[4] 13	13.7	36.1	156	[4] 477	1.2	5.9	383,829	[4] 661,097	1.2	5.8	268,292	[4] 435,792	1.3	6.5
$100,000 to $500,000	19	14	37.3	38.9	2,164	[3] 7,547	16.0	94.1	4,524,949	3,704,314	13.7	32.4	3,191,826	[3] 6,264,671	15.3	93.5
$500,000 to $1,000,000	7	[5] 9	13.7	25.0	1,942	.....	14.3	.....	4,563,814	[5] 7,068,577	13.8	61.8	3,255,547	.....	15.6	.....
$1,000,000 and over	12	.....	23.5	.....	9,258	.....	68.4	.....	23,586,907	.....	71.3	.....	14,133,215	.....	67.7	.....
CONFECTIONERY AND ICE CREAM	182	176	100.0	100.0	1,739	1,519	100.0	100.0	11,534,628	5,086,438	100.0	100.0	4,663,725	1,986,324	100.0	100.0
Less than $5,000	39	58	21.4	33.0	20	45	1.1	3.0	112,224	171,360	1.0	3.4	49,492	76,423	1.1	3.8
$5,000 to $20,000	66	73	36.3	41.5	100	155	5.8	10.2	729,569	725,816	6.3	14.3	316,909	328,343	6.8	16.5
$20,000 to $100,000	52	33	28.6	18.7	254	355	14.6	23.4	2,336,411	1,351,921	20.3	26.6	820,443	506,251	17.6	25.5
$100,000 to $500,000	22	[1] 12	12.1	6.8	898	[1] 964	51.6	63.5	5,360,008	[1] 2,837,341	46.5	55.8	2,328,150	[1] 1,075,307	49.9	54.1
$500,000 and over	3	.....	1.6	.....	467	.....	26.9	.....	2,996,416	.....	26.0	.....	1,148,731	.....	24.6	.....
ENGINES, STEAM, GAS, AND WATER	17	20	100.0	100.0	2,739	1,197	100.0	100.0	17,610,778	3,585,946	100.0	100.0	8,716,280	2,265,838	100.0	100.0
Less than $5,000	.....	5	.....	25.0	.....	7	.....	0.6	.....	8,466	.....	0.2	.....	6,432	.....	0.3
$5,000 to $20,000	[4] 3	7	17.6	35.0	[4] 8	44	0.3	3.7	[4] 21,687	83,329	0.1	2.3	[4] 9,702	44,782	0.1	2.0
$20,000 to $100,000	6	4	35.3	20.0	65	102	2.4	8.5	332,416	301,622	1.9	8.4	184,390	144,625	2.1	6.4
$100,000 to $500,000	[1] 3	[3] 4	17.6	20.0	[1] 248	[3] 1,044	9.1	87.2	[1] 1,068,147	[3] 3,192,529	6.1	89.0	[1] 441,135	[3] 2,069,999	5.1	91.4
$1,000,000 and over	5	.....	29.4	.....	2,418	.....	88.3	.....	16,188,528	.....	91.9	.....	8,081,053	.....	92.7	.....
FLOUR-MILL AND GRISTMILL PRODUCTS	189	227	100.0	100.0	509	790	100.0	100.0	21,324,678	14,336,576	100.0	100.0	2,711,616	2,578,840	100.0	100.0
Less than $5,000	19	44	10.1	19.4	3	22	0.6	2.8	47,266	117,277	0.2	0.8	7,962	26,362	0.3	1.0
$5,000 to $20,000	54	89	28.6	39.2	27	83	5.3	10.5	641,090	939,787	3.0	6.6	135,031	187,555	5.0	7.3
$20,000 to $100,000	86	74	45.5	32.6	137	181	26.9	22.9	4,110,566	3,132,367	19.3	21.8	646,586	622,384	23.8	24.1
$100,000 to $500,000	21	14	11.1	6.2	114	[1] 282	22.4	35.7	3,906,039	2,930,159	18.3	20.4	536,623	[1] 622,304	19.8	24.1
$500,000 to $1,000,000	4	3	2.1	1.3	53	.....	10.4	.....	2,849,782	1,995,715	13.4	13.9	349,114	.....	12.9	.....
$1,000,000 and over	5	3	2.6	1.3	175	222	34.4	28.1	9,769,935	5,221,271	45.8	36.4	1,036,300	1,120,235	38.2	43.4
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	30	24	100.0	100.0	2,441	1,371	100.0	100.0	54,994,131	15,459,961	100.0	100.0	9,732,190	4,066,995	100.0	100.0
Less than $5,000	8	7	26.7	29.2	4	8	0.2	0.6	15,898	20,430	(2)	0.1	8,815	9,931	0.1	0.2
$5,000 to $20,000	8	4	26.7	16.7	18	8	0.7	0.6	93,901	41,466	0.2	0.3	43,380	16,713	0.4	0.4
$20,000 to $100,000	4	7	13.3	29.2	20	81	0.8	5.9	223,835	425,530	0.4	2.8	73,309	165,553	0.8	4.1
$100,000 and over	10	6	33.3	25.0	2,399	1,274	98.3	92.9	54,660,497	14,972,535	99.4	96.8	9,606,686	3,874,748	98.7	95.3
FOUNDRY AND MACHINE-SHOP PRODUCTS [6]	206	225	100.0	100.0	3,548	3,065	100.0	100.0	18,636,163	9,306,145	100.0	100.0	10,536,647	5,035,514	100.0	100.0
Less than $5,000	41	57	19.9	25.3	29	54	0.8	1.8	117,503	138,830	0.6	1.5	81,364	92,406	0.8	1.8
$5,000 to $20,000	70	88	34.0	39.1	242	372	6.8	12.1	809,188	878,908	4.3	9.4	509,159	552,126	4.8	11.0
$20,000 to $100,000	48	62	23.3	27.6	461	1,034	13.0	33.7	2,273,018	3,182,449	12.2	34.2	1,302,172	1,821,443	12.4	36.2
$100,000 to $500,000	42	[3] 18	20.4	8.0	2,013	[3] 1,605	56.7	52.4	9,378,081	[3] 5,105,958	50.3	54.9	5,365,653	[3] 2,569,539	50.9	51.0
$500,000 and over	5	.....	2.4	.....	803	.....	22.6	.....	6,058,373	.....	32.5	.....	3,278,299	.....	31.1	.....
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	97	92	100.0	100.0	3,211	2,970	100.0	100.0	16,387,832	10,713,495	100.0	100.0	7,602,036	4,465,292	100.0	100.0
Less than $5,000	13	23	13.4	25.0	6	21	0.2	0.7	34,376	57,378	0.2	0.5	20,167	34,361	0.3	0.8
$5,000 to $20,000	30	25	30.9	27.2	80	151	2.5	5.1	302,062	360,690	1.8	3.4	145,716	183,052	1.9	4.1
$20,000 to $100,000	31	23	32.0	25.0	384	340	12.0	11.4	1,673,232	1,097,036	10.2	10.2	723,307	440,691	9.5	9.9
$100,000 to $500,000	16	16	16.5	17.4	709	[3] 2,458	22.1	82.8	3,812,538	3,786,951	23.3	35.3	1,698,223	[3] 3,807,188	22.3	85.3
$500,000 and over	7	5	7.2	5.4	2,032	.....	63.3	.....	10,565,624	5,411,440	64.5	50.5	5,014,623	.....	66.0	.....
POULTRY, KILLING AND DRESSING, NOT DONE IN SLAUGHTERING AND MEAT-PACKING ESTABLISHMENTS	47	35	100.0	100.0	689	481	100.0	100.0	11,449,501	4,672,565	100.0	100.0	1,683,698	650,334	100.0	100.0
Less than $20,000	.....	9	.....	25.7	.....	19	.....	4.0	.....	94,899	.....	2.0	.....	22,748	.....	3.5
$20,000 to $100,000	20	15	42.6	42.9	83	96	12.0	20.0	1,109,382	685,564	9.7	14.7	237,455	145,842	14.1	22.4
$100,000 to $500,000	23	[1] 11	48.9	31.4	336	[1] 366	48.8	76.1	5,841,171	[1] 3,892,102	51.0	83.3	849,828	[1] 481,744	50.5	74.1
$500,000 and over	4	.....	8.5	.....	270	.....	39.2	.....	4,498,948	.....	39.3	.....	596,415	.....	35.4	.....

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

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

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	874	100.0	100.0	3,352	3,397	100.0	100.0	$20,430,956	$11,455,048	100.0	100.0	$14,964,558	$8,831,129	100.0	100.0
Less than $5,000	324	526	41.9	60.2	212	645	6.3	19.0	934,627	1,409,827	4.6	12.3	719,926	1,159,919	4.8	13.1
$5,000 to $20,000	347	275	44.8	31.5	880	1,054	26.3	31.0	3,265,994	2,424,082	16.0	21.2	2,521,869	1,959,045	16.9	22.2
$20,000 to $100,000	74	50	9.6	5.7	770	599	23.0	17.6	3,089,062	1,992,813	15.1	17.4	2,266,812	1,531,754	15.1	17.3
$100,000 to $500,000	22	20	2.8	2.3	644	[1] 1,099	19.2	32.4	5,158,652	3,675,413	25.2	32.1	3,703,758	[1] 4,179,511	24.7	47.3
$500,000 to $1,000,000	4	3	0.5	0.3	256	.....	7.6	.....	2,427,691	1,952,913	11.9	17.0	1,484,830	.....	9.9	.....
$1,000,000 and over	3	.....	0.4	.....	590	.....	17.6	.....	5,554,930	.....	27.2	.....	4,267,363	.....	28.5	.....
SLAUGHTERING AND MEAT PACKING	21	28	100.0	100.0	7,134	4,413	100.0	100.0	226,361,698	74,171,865	100.0	100.0	21,941,012	6,398,357	100.0	100.0
Less than $100,000	5	12	23.8	42.9	25	55	0.4	1.2	317,566	506,242	0.1	0.7	66,730	118,365	0.3	1.8
$100,000 to $500,000	4	[1] 7	19.0	25.0	46	[1] 142	0.6	3.2	1,165,520	[1] 2,511,249	0.5	3.4	125,811	[1] 246,620	0.6	3.9
$1,000,000 and over	12	9	57.1	32.1	7,063	4,216	99.0	95.5	224,878,612	71,154,374	99.3	95.9	21,748,471	6,033,372	99.1	94.3

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

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.
BOONE	39	369	100.0	$1,549,837	100.0	$850,900	100.0
Less than $5,000	5	2	0.5	16,478	1.1	10,468	1.2
$5,000 to $20,000	20	41	11.1	252,370	16.3	149,466	17.6
$20,000 to $100,000	11	82	22.2	523,179	33.8	276,851	32.5
$100,000 to $500,000	3	244	66.1	757,810	48.9	414,115	48.7
BURLINGTON	97	2,274	100.0	12,090,058	100.0	5,307,835	100.0
Less than $5,000	19	14	0.6	52,162	0.4	32,269	0.6
$5,000 to $20,000	25	93	4.1	290,048	2.4	173,140	3.3
$20,000 to $100,000	27	278	12.2	1,449,859	12.0	621,211	11.7
$100,000 to $500,000	21	943	41.5	5,338,052	44.2	2,189,995	41.3
$500,000 and over	5	946	41.6	4,959,937	41.0	2,291,220	43.2
CEDAR RAPIDS	208	6,284	100.0	92,118,386	100.0	20,052,457	100.0
Less than $5,000	32	15	0.2	81,206	0.1	53,491	0.3
$5,000 to $20,000	75	182	2.9	839,578	0.9	508,287	2.5
$20,000 to $100,000	59	468	7.4	2,500,107	2.7	1,265,713	6.3
$100,000 to $500,000	33	1,161	18.5	7,004,542	7.6	3,707,503	18.5
$500,000 to $1,000,000	3	204	3.2	2,196,244	2.4	1,161,106	5.8
$1,000,000 and over	6	4,254	67.7	79,496,709	86.3	13,356,357	66.6
CLINTON	119	3,452	100.0	30,321,143	100.0	10,976,010	100.0
Less than $5,000	28	17	0.5	67,485	0.2	40,429	0.4
$5,000 to $20,000	35	91	2.6	383,918	1.3	208,516	1.9
$20,000 to $100,000	30	303	8.8	1,566,023	5.2	799,845	7.3
$100,000 to $500,000	16	865	25.1	3,815,705	12.6	1,805,411	16.4
$500,000 to $1,000,000	4	426	12.3	2,303,411	7.9	831,150	7.6
$1,000,000 and over	6	1,750	50.7	22,094,601	72.9	7,290,659	66.4
COUNCIL BLUFFS	111	1,891	100.0	10,610,664	100.0	5,068,358	100.0
Less than $5,000	22	15	0.8	56,158	0.5	37,176	0.7
$5,000 to $20,000	36	91	4.8	393,871	3.7	203,415	4.0
$20,000 to $100,000	32	278	14.7	1,342,794	12.7	687,390	13.6
$100,000 to $500,000	16	490	25.9	3,093,612	29.2	1,698,473	33.5
$500,000 and over	5	1,017	53.8	5,724,229	53.9	2,441,904	48.2
DAVENPORT	219	3,928	100.0	32,587,229	100.0	11,025,434	100.0
Less than $5,000	31	22	0.6	78,260	0.2	50,800	0.5
$5,000 to $20,000	77	171	4.4	849,411	2.6	465,802	4.2
$20,000 to $100,000	59	542	13.8	2,836,087	8.7	1,492,674	13.5
$100,000 to $500,000	39	1,348	34.3	8,855,772	27.2	4,019,433	36.5
$500,000 to $1,000,000	7	687	17.5	4,478,362	13.7	2,086,939	18.9
$1,000,000 and over	6	1,158	29.5	15,488,437	47.5	2,909,786	26.4
DES MOINES	379	7,085	100.0	59,830,954	100.0	26,540,392	100.0
Less than $5,000	67	34	0.5	187,048	0.3	134,028	0.5
$5,000 to $20,000	100	221	3.1	1,141,647	1.9	684,141	2.6
$20,000 to $100,000	114	1,167	16.5	5,602,153	9.4	3,109,882	11.7
$100,000 to $500,000	71	2,816	39.7	16,666,375	27.9	8,516,759	32.1
$500,000 to $1,000,000	15	1,022	14.4	10,164,550	17.0	3,889,643	14.7
$1,000,000 and over	12	1,825	25.8	26,069,181	43.6	10,205,939	38.5
DUBUQUE	131	6,147	100.0	$34,277,085	100.0	$14,325,197	100.0
Less than $5,000	16	15	0.3	48,962	0.1	36,359	0.3
$5,000 to $20,000	40	113	1.8	472,003	1.4	272,604	1.9
$20,000 to $100,000	36	371	6.0	2,009,264	5.9	854,487	6.0
$100,000 to $500,000	25	1,126	18.3	6,049,489	17.6	2,810,259	19.6
$500,000 to $1,000,000	5	531	8.6	3,563,373	10.4	1,271,506	8.9
$1,000,000 and over	9	3,991	64.9	22,133,994	64.6	9,079,922	63.4
FORT DODGE	80	1,605	100.0	10,884,039	100.0	3,686,360	100.0
Less than $5,000	11	5	0.3	29,700	0.3	20,143	0.5
$5,000 to $20,000	32	85	5.3	366,020	3.4	225,171	6.1
$20,000 to $100,000	21	178	11.1	873,372	8.0	474,660	12.9
$100,000 to $500,000	12	542	33.8	3,086,416	28.4	1,471,602	39.9
$500,000 and over	4	795	49.5	6,528,531	60.0	1,494,784	40.5
FORT MADISON	34	1,029	100.0	4,836,291	100.0	2,193,368	100.0
Less than $5,000	4	2	0.2	9,759	0.2	6,632	0.3
$5,000 to $20,000	12	33	3.2	124,282	2.6	70,443	3.2
$20,000 to $100,000	12	168	16.3	616,818	12.8	291,768	13.3
$100,000 and over	6	826	80.3	4,085,432	84.5	1,824,525	83.2
IOWA CITY	49	322	100.0	1,767,313	100.0	841,503	100.0
Less than $5,000	13	6	1.9	25,185	1.4	14,454	1.7
$5,000 to $20,000	17	54	16.8	162,554	9.2	83,019	9.9
$20,000 to $100,000	14	132	41.0	655,502	37.1	338,891	40.3
$100,000 to $500,000	5	130	40.4	924,072	52.3	405,139	48.1
KEOKUK	71	1,598	100.0	17,554,816	100.0	5,638,309	100.0
Less than $5,000	15	14	0.9	35,507	0.2	17,725	0.3
$5,000 to $20,000	22	78	4.9	249,609	1.4	139,137	2.5
$20,000 to $100,000	15	183	11.5	861,150	4.9	422,856	7.5
$100,000 to $500,000	13	509	31.9	3,000,404	17.1	1,100,060	19.5
$500,000 and over	6	814	50.9	13,408,146	76.4	3,958,531	70.2
MARSHALLTOWN	62	1,338	100.0	8,642,468	100.0	3,665,814	100.0
Less than $5,000	7	5	0.4	22,188	0.3	14,894	0.4
$5,000 to $20,000	21	73	5.5	311,577	3.6	139,471	3.8
$20,000 to $100,000	16	125	9.3	722,075	8.4	329,721	9.0
$100,000 to $500,000	14	471	35.2	3,097,776	35.8	1,735,949	47.4
$500,000 and over	4	664	49.6	4,488,852	51.9	1,445,779	39.4
MASON CITY	59	2,367	100.0	29,512,534	100.0	6,458,085	100.0
Less than $5,000	9	6	0.3	27,196	0.1	16,692	0.3
$5,000 to $20,000	17	49	2.1	189,236	0.6	104,852	1.6
$20,000 to $100,000	16	151	6.4	743,267	2.5	342,408	5.3
$100,000 to $500,000	12	650	27.5	2,455,968	8.3	1,227,121	19.0
$500,000 and over	5	1,511	63.8	26,096,867	88.4	4,767,012	73.8

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.
MUSCATINE	146	2,522	100.0	$10,753,750	100.0	$5,056,089	100.0
Less than $5,000	33	35	1.4	83,448	0.8	59,636	1.2
$5,000 to $20,000	66	299	11.9	703,679	6.5	451,606	8.9
$20,000 to $100,000	31	433	17.2	1,212,740	11.3	621,155	12.3
$100,000 to $500,000	11	758	30.1	2,831,025	26.8	1,497,524	29.6
$500,000 and over	5	997	39.5	5,872,858	54.6	2,426,168	48.0
OTTUMWA	94	2,601	100.0	45,029,524	100.0	8,528,413	100.0
Less than $5,000	19	10	0.4	51,972	0.1	28,029	0.3
$5,000 to $20,000	24	70	2.7	251,109	0.6	140,966	1.7
$20,000 to $100,000	31	314	12.1	1,499,678	3.3	633,960	7.4
$100,000 to $500,000	16	732	28.1	3,793,394	8.4	1,942,552	22.8
$500,000 and over	4	1,475	56.7	39,433,371	87.6	5,782,906	67.8
SIOUX CITY	251	6,749	100.0	$146,393,134	100.0	$21,131,710	100.0
Less than $5,000	37	20	0.3	101,358	0.1	64,143	0.3
$5,000 to $20,000	82	189	2.8	937,690	0.6	547,535	2.6
$20,000 to $100,000	74	706	10.5	3,476,563	2.4	1,702,668	8.1
$100,000 to $500,000	36	942	14.0	7,254,258	5.0	2,552,474	12.1
$500,000 to $1,000,000	16	1,425	21.1	10,295,554	7.0	4,366,731	20.7
$1,000,000 and over	6	3,467	51.4	124,327,711	84.9	11,898,159	56.3
WATERLOO	161	4,620	100.0	35,481,225	100.0	12,088,611	100.0
Less than $5,000	24	9	0.2	62,373	0.2	34,004	0.3
$5,000 to $20,000	49	95	2.1	526,000	1.5	302,108	2.5
$20,000 to $100,000	43	397	8.6	2,107,868	5.9	1,089,271	9.0
$100,000 to $500,000	34	1,221	26.4	7,897,274	22.3	3,754,550	31.1
$500,000 to $1,000,000	4	316	6.8	2,506,792	7.1	1,128,861	9.3
$1,000,000 and over	7	2,582	55.9	22,380,918	63.1	5,779,817	47.8

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	2,767	1,540	1,376	80,551	6,912	68,089	5,550	8.6	84.5	6.9	$745,472,697	$41,052,132	$644,752,520	$59,668,045	5.5	86.5	8.0
	1914	2,805	1,434	1,375	63,113	7,277	48,385	7,451	11.5	76.7	11.8	310,749,974	24,579,748	235,915,168	50,255,063	7.9	75.9	16.2
	1909	2,735	1,317	1,476	61,635	7,600	45,475	8,560	12.3	73.8	13.9	259,237,637	24,053,314	189,182,389	46,001,934	9.3	73.0	17.7
Bread and other bakery products.	1919	390	46	102	2,583	782	1,474	327	30.3	57.1	12.7	20,244,067	6,757,769	10,456,092	3,030,206	33.4	51.6	15.0
	1914	408	30	80	2,182	848	1,126	208	38.9	51.6	9.5	9,150,514	3,568,710	4,635,059	946,745	39.0	50.7	10.3
Brick and tile, terra-cotta, and fire-clay products.	1919	24	61	28	2,452	84	2,056	312	3.4	83.8	12.7	8,127,157	218,074	6,783,312	1,125,771	2.7	83.5	13.9
	1914	54	61	43	3,163	238	2,338	587	7.5	73.9	18.6	6,400,055	328,295	5,087,761	983,999	5.1	79.5	15.4
Butter	1919	67	78	266	1,595	150	888	557	9.4	55.7	34.9	56,422,287	4,674,390	27,919,606	23,828,291	8.3	49.5	42.2
	1914	79	102	293	1,274	215	585	474	16.9	45.9	37.2	27,028,255	2,884,142	14,893,993	12,280,120	10.6	44.0	45.4
Canning and preserving, fruits and vegetables.	1919	6	51	5	1,271	34	1,183	54	2.7	93.1	4.2	8,014,770	86,635	7,626,772	301,363	1.1	95.2	3.8
	1914	4	35	8	904	10	790	104	1.1	87.4	11.5	2,077,242	13,878	1,869,836	193,528	0.7	90.0	9.3
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	51	.....	13,536	.....	13,536	.....	.....	100.0	.....	33,098,600	.....	33,098,600	.....	.....	100.0	.....
	1914	.....	36	.....	8,024	.....	8,024	.....	.....	100.0	.....	11,438,988	.....	11,433,988	.....	.....	100.0	.....
Confectionery and ice cream.	1919	90	41	51	1,739	168	1,347	224	9.7	77.5	12.9	11,534,628	1,461,669	8,535,335	1,537,624	12.7	74.0	13.3
	1914	99	36	41	1,519	229	1,218	72	15.1	80.2	4.7	5,086,438	949,039	3,741,746	395,653	18.7	73.6	7.8
Engines, steam, gas, and water.	1919	2	15	.....	2,739	.....	[1] 2,739	.....	.....	100.0	.....	17,610,778	.....	[1] 17,610,778	.....	.....	100.0	.....
	1914	5	12	3	1,197	9	1,131	57	0.8	94.5	4.8	3,585,946	22,892	3,436,477	126,577	0.6	95.8	3.5
Flour-mill and gristmill products.	1919	92	47	50	509	87	337	85	17.1	66.2	16.7	21,324,678	2,846,386	15,758,411	2,719,881	13.3	73.9	12.8
	1914	117	40	70	790	124	531	135	15.7	67.2	17.1	14,336,576	1,771,662	10,595,646	1,969,268	12.4	73.9	13.7
Food preparations, not elsewhere specified.	1919	12	11	7	2,441	18	2,373	50	0.7	97.2	2.0	54,994,131	130,952	53,756,307	1,106,872	0.2	97.7	2.0
	1914	6	12	6	1,371	15	1,304	52	1.1	95.1	3.8	15,459,961	99,625	15,165,477	194,859	0.6	98.1	1.3
Foundry and machine-shop products.[2]	1919	72	85	49	3,548	233	2,629	686	6.6	74.1	19.3	18,636,163	1,086,633	13,568,769	3,980,761	5.8	72.8	21.4
	1914	77	97	51	3,065	219	2,222	624	7.1	72.5	20.4	9,306,145	699,411	6,582,306	2,024,428	7.5	70.7	21.8
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	32	47	18	3,211	136	2,981	94	4.2	92.8	2.9	16,387,832	387,349	15,533,806	466,677	2.4	94.8	2.8
	1914	36	41	15	2,970	76	2,754	140	2.6	92.7	4.7	10,713,495	266,646	9,970,002	476,847	2.5	93.1	4.5
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	1919	11	24	12	689	82	520	87	11.9	75.5	12.6	11,449,501	1,305,420	8,519,401	1,624,680	11.4	74.4	14.2
	1914	9	14	12	481	27	358	96	5.6	74.4	20.0	4,672,565	166,105	3,709,035	797,425	3.6	79.4	17.1
Printing and publishing, newspapers and periodicals.	1919	504	107	163	3,352	942	1,955	455	28.1	58.3	13.6	20,430,956	3,530,968	14,890,904	2,009,084	17.3	72.9	9.8
	1914	585	117	172	3,397	1,283	1,665	449	37.8	49.0	13.2	11,455,048	3,021,632	7,206,593	1,226,823	26.4	62.9	10.7
Slaughtering and meat packing.	1919	2	15	4	7,134	.....	6,958	[1] 176	.....	97.5	2.5	226,361,698	.....	222,134,129	[1] 4,227,569	.....	98.1	1.9
	1914	8	15	5	4,413	44	3,246	1,123	1.0	73.6	25.4	74,171,865	619,563	56,374,518	17,177,784	0.8	76.0	23.2
Washing machines and clothes wringers.	1919	.....	14	.....	1,063	.....	1,063	.....	.....	100.0	.....	8,814,946	.....	8,814,946	.....	.....	100.0	.....
	1914	2	12	.....	375	.....	[1] 375	.....	.....	100.0	.....	1,498,567	.....	[1] 1,498,567	.....	.....	100.0	.....

[1] Includes the group "Individuals."

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

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	911	967	432	56,181	3,661	49,667	2,853	6.5	88.4	5.1	$584,240,450	$18,330,235	$542,760,217	$23,149,998	3.1	92.9	4.0
	1914	924	878	396	44,174	3,796	36,010	4,368	8.6	81.5	9.9	235,354,971	11,144,515	195,333,192	28,877,264	4.7	83.0	12.3
Boone	1919	20	9	10	369	50	303	16	13.6	82.1	4.3	1,549,837	370,080	995,249	184,508	23.9	64.2	11.9
	1914	13	11	9	256	39	183	34	15.2	71.5	13.3	908,073	176,502	389,652	341,919	19.4	42.9	37.7
Burlington	1919	37	48	12	2,274	105	2,112	57	4.6	92.9	2.5	12,090,058	554,335	11,135,987	399,736	4.6	92.1	3.3
	1914	52	49	17	2,246	142	1,973	131	6.3	87.8	5.8	6,865,655	502,346	6,106,194	257,115	7.3	88.9	3.7
Cedar Rapids	1919	85	76	47	6,284	256	5,877	151	4.1	93.5	2.4	92,118,386	1,634,907	89,509,641	973,838	1.8	97.2	1.1
	1914	65	72	33	4,394	241	3,929	224	5.5	89.4	5.1	34,988,838	806,948	33,198,461	983,429	2.3	94.9	2.8
Clinton	1919	48	51	20	3,452	98	3,300	54	2.8	95.6	1.6	30,321,143	662,994	29,328,224	329,925	2.2	96.7	1.1
	1914	50	47	8	2,679	148	2,495	36	5.5	93.1	1.3	10,427,482	372,502	9,968,836	86,094	3.6	95.6	0.8
Council Bluffs	1919	43	47	21	1,891	110	1,701	80	5.8	90.0	4.2	10,610,664	697,501	9,578,213	334,950	6.6	90.3	3.2
	1914	48	36	17	1,336	116	1,143	77	8.7	85.6	5.8	4,279,165	515,768	3,618,724	144,673	12.1	84.6	3.4
Davenport	1919	84	88	47	3,928	479	2,717	732	12.2	69.2	18.6	32,587,229	2,182,723	23,181,992	7,222,514	6.7	71.1	22.2
	1914	91	89	51	3,958	581	2,729	648	14.7	68.9	16.4	17,172,963	1,353,957	13,706,128	2,112,878	7.9	79.8	12.3
Des Moines	1919	136	190	53	7,085	503	6,261	321	7.1	88.4	4.5	59,830,954	2,951,942	55,006,230	1,872,782	4.9	91.9	3.1
	1914	156	166	62	5,306	585	4,389	332	11.0	82.7	6.3	23,746,551	2,218,806	20,495,406	1,032,339	9.3	86.3	4.3
Dubuque	1919	54	56	21	6,147	240	5,786	121	3.9	94.1	2.0	34,277,085	1,284,620	31,833,355	1,159,110	3.7	92.9	3.4
	1914	54	62	23	5,171	348	4,421	402	6.7	85.5	7.8	14,714,143	830,586	12,623,166	1,260,391	5.6	85.8	8.6
Fort Dodge	1919	39	29	12	1,605	134	1,413	58	8.3	88.0	3.6	10,884,039	772,947	8,963,967	1,147,125	7.1	82.4	10.5
	1914	29	20	7	951	148	769	34	15.6	80.9	3.6	4,871,421	491,325	4,135,117	244,979	10.1	84.9	5.0
Fort Madison	1919	12	13	9	1,029	31	903	95	3.0	87.8	9.2	4,836,291	155,385	4,307,139	373,767	3.2	89.1	7.7
Iowa City	1919	24	8	17	322	136	107	79	42.2	33.2	24.5	1,767,313	460,413	531,266	775,634	26.1	30.1	43.9
	1914	35	10	16	350	149	132	69	42.6	37.7	19.7	1,333,106	416,091	507,419	409,596	31.2	38.1	30.7
Keokuk	1919	29	33	9	1,598	77	1,377	144	4.8	86.2	9.0	17,554,816	330,926	14,985,792	2,238,098	1.9	85.4	12.7
	1914	37	32	16	1,333	115	1,081	137	8.6	81.1	10.3	8,250,274	294,606	6,441,413	1,514,255	3.6	78.1	18.4
Marshalltown	1919	15	31	16	1,338	42	1,198	98	3.1	89.5	7.3	8,642,468	207,570	7,514,826	920,072	2.4	87.0	10.6
	1914	22	28	11	1,060	62	938	60	5.8	88.5	5.7	5,149,858	197,162	4,688,397	264,299	3.8	91.0	5.1
Mason City	1919	19	28	12	2,367	43	2,265	59	1.8	95.7	2.5	29,512,534	255,299	28,845,241	411,994	0.9	97.7	1.4
	1914	17	34	9	2,054	41	1,977	36	2.0	96.3	1.8	11,742,456	104,264	11,474,287	163,905	0.9	97.7	1.4
Muscatine	1919	78	36	32	2,522	575	1,828	119	22.8	72.5	4.7	10,753,750	1,617,699	8,384,106	751,855	15.0	78.0	7.0
	1914	86	25	31	2,397	420	1,577	400	17.5	65.8	16.7	5,999,485	586,070	4,280,121	1,133,294	9.8	71.3	18.9
Ottumwa	1919	40	38	16	2,601	273	2,097	231	10.5	80.6	8.9	45,029,524	1,368,253	42,492,335	1,168,936	3.0	94.4	2.6
	1914	39	31	18	2,447	213	815	1,419	8.7	33.3	58.0	21,299,929	632,240	3,113,403	17,554,286	3.0	14.6	82.4
Sioux City	1919	90	111	50	6,749	339	6,160	250	5.0	91.3	3.7	146,393,134	1,871,704	142,971,098	1,550,332	1.3	97.7	1.1
	1914	80	102	38	4,753	318	4,235	200	6.7	89.1	4.2	49,479,444	1,162,266	47,360,951	956,227	2.3	95.7	1.9
Waterloo	1919	58	75	28	4,620	170	4,262	188	3.7	92.3	4.1	35,481,225	950,937	33,195,466	1,334,822	2.7	93.6	3.8
	1914	50	64	30	3,483	130	3,224	129	3.7	92.6	3.7	14,126,178	483,076	13,225,517	417,585	3.4	93.6	3.0

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	.....	18	.....	11	.....	6	.....	1	.....	.....	.....
	1914	.....	17	.....	9	.....	8	.....	.....	.....	.....	.....
	1909	.....	17	.....	9	.....	8	.....	.....	.....	.....	.....
Population [1]	1920	2,404,021	604,150	25.1	192,629	8.0	285,053	11.9	126,468	5.3	1,799,871	74.9
	1915	2,221,755	508,479	22.9	145,781	6.6	362,698	16.3	.....	.....	1,713,276	77.1
	1910	2,224,771	467,198	21.0	137,107	6.2	330,091	14.8	.....	.....	1,757,573	79.0
Number of establishments	1919	5,683	2,310	40.6	850	15.0	1,081	19.0	379	6.7	3,373	59.4
	1914	5,614	2,198	39.2	704	12.5	1,494	26.6	.....	.....	3,416	60.8
	1909	5,528	1,986	35.9	644	11.6	1,342	24.3	.....	.....	3,542	64.1
Average number of wage earners	1919	80,551	56,181	69.7	19,477	24.2	29,619	36.8	7,085	8.8	24,370	30.3
	1914	63,113	44,174	70.0	13,094	20.7	31,080	49.2	.....	.....	18,939	30.0
	1909	61,635	43,674	70.9	14,613	23.7	29,061	47.2	.....	.....	17,961	29.1
Value of products	1919	$745,472,697	$584,240,450	78.4	$172,941,773	23.2	$351,467,723	47.1	$59,830,954	8.0	$161,232,247	21.6
	1914	310,749,974	235,354,971	75.7	66,420,257	21.4	168,934,714	54.4	.....	.....	75,395,003	24.3
	1909	259,237,637	188,930,227	72.9	48,798,350	18.8	140,131,877	54.1	.....	.....	70,307,410	27.1
Value added by manufacture	1919	225,231,890	163,434,845	72.6	53,202,686	23.6	83,691,767	37.2	26,540,392	11.8	61,797,045	27.4
	1914	105,298,635	76,722,260	72.9	22,196,720	21.1	54,525,540	51.8	.....	.....	28,576,375	27.1
	1909	88,530,589	62,942,599	71.1	17,216,586	19.4	45,726,013	51.6	.....	.....	25,587,990	28.9

[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 [1] over 1914.	
			Amount.	Per cent.
DAVENPORT.				
Foundry and machine-shop products [2]	$3,906,306	21.1	$1,906,017	95.3
Bread and other bakery products	2,709,338	13.4	1,135,851	72.2
Washing machines and clothes wringers	1,471,755	16.7	859,551	140.4
Tobacco, cigars	1,174,814	29.5	164,663	16.3
Confectionery and ice cream	977,190	8.5	589,711	152.2
Butter	911,823	1.6	(3)	.....
Printing and publishing, newspapers and periodicals	817,980	4.0	390,803	91.5
Automobile repairing	629,313	10.8	520,423	477.9
Flour-mill and gristmill products; Food preparations, not elsewhere specified; Locomotives, not made by railroad companies; Slaughtering and meat packing	(3)	(3)	(3)	(3)
DES MOINES.				
Printing and publishing, newspapers and periodicals	7,877,532	38.6	4,496,805	133.0
Bread and other bakery products	2,043,716	14.5	1,873,881	175.2
Butter	2,252,730	4.0	(3)	.....
Confectionery and ice cream	1,510,456	13.1	959,624	174.2
Flour-mill and gristmill products	1,487,513	7.0	908,820	157.0
Patent and proprietary medicines	1,479,227	23.4	637,314	75.7
Lumber, planing-mill products, not including planing mills connected with sawmills	1,462,703	8.9	−161,159	−9.9
Printing and publishing, book and job	1,438,131	27.6	720,807	100.5
Stoves and hot-air furnaces	1,266,884	40.9	827,763	188.5
Brick and tile, terra-cotta, and fire-clay products	1,002,393	12.3	178,988	21.7
Foundry and machine-shop products	976,280	5.3	251,789	34.8
Fur goods	839,670	45.5	739,185	735.6
Gloves and mittens, leather	768,104	50.5	(3)	.....
Copper, tin, and sheet-iron work	662,520	13.1	355,831	116.0
DES MOINES—Continued.				
Cement; Clothing, women's, suits, skirts, and cloaks; Knit goods; Oil, linseed; Perfumery and cosmetics; Poultry, killing and dressing, not done in slaughtering and meat-packing establishments; Rubber tires, tubes, and rubber goods, not elsewhere specified; Saddlery and harness; Slaughtering and meat packing	(3)	(3)	(3)	(3)
SIOUX CITY.				
Slaughtering and meat packing	$116,088,503	51.3	(3)	.....
Bread and other bakery products	2,115,042	10.4	$1,165,533	122.8
Flour-mill and gristmill products	2,050,918	9.6	(3)	.....
Printing and publishing, newspapers and periodicals	1,705,168	8.3	844,123	98.0
Cars and general shop construction and repairs by steam-railroad companies	1,530,887	4.6	(3)	.....
Coffee, roasting and grinding	1,410,641	27.5	913,401	183.7
Druggists' preparations	1,317,016	42.9	905,550	220.1
Confectionery and ice cream	1,100,391	9.5	541,950	97.0
Copper, tin, and sheet-iron work	837,451	16.5	631,628	306.9
Lumber, planing-mill products, not including planing mills connected with sawmills	805,121	4.9	342,730	74.1
Automobiles; Butter; Clothing, men's; Rubber tires, tubes, and rubber goods, not elsewhere specified	(3)	(3)	(3)	(3)

[1] A minus sign (−) denotes decrease.
[2] Includes "iron and steel, tempering and welding" and "textile machinery and parts."
[3] 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	16,747	10,514	6,585	242,946	190,049	155,384	100.0	100.0	100.0
Owned	2,142	3,040	3,574	130,334	139,746	136,465	53.6	73.5	87.8
Steam [1]	1,239	1,636	2,054	119,442	125,340	122,029	49.2	65.9	78.5
Engines	1,176	(3)	(3)	101,494	(3)	(3)	41.8	.....	.....
Turbines	63	(3)	(3)	17,948	(3)	(3)	7.4	.....	.....
Internal-combustion engines	839	1,254	1,336	7,030	8,868	8,025	2.9	4.7	5.2
Water	94	150	184	3,862	5,538	6,411	1.6	2.9	4.2
Water wheels and turbines	66	130	161	3,245	5,487	6,326	1.3	2.9	4.1
Water motors	28	20	23	617	51	85	0.3	(3)	0.1
Rented	14,605	7,474	3,011	112,612	50,303	18,919	46.4	26.5	12.2
Electric	14,605	7,474	3,011	112,486	50,054	18,463	46.3	26.3	11.9
Other	.....	.....	.....	126	249	456	0.1	0.1	0.3
Electric	18,500	10,144	4,459	166,285	101,827	40,736	100.0	100.0	100.0
Rented	14,605	7,474	3,011	112,486	50,054	18,463	67.6	49.2	45.3
Generated by establishments reporting	3,895	2,670	1,448	53,799	51,773	22,273	32.4	50.8	54.7

[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..	15,400	2,154,407	134,841	573,958	26,441	181,957
1914..	10,279	2,361,179	83,082	280,261	(1)	120,699
Per cent of increase [2].....	49.8	−8.8	62.3	114.2	.....	50.8
Automobile repairing.....	228	8,287	49	43	1,576	17,184
Bread and other bakery products.....	3,074	14,749	13,186	3,038	1,402	23,811
Brick and tile, terra-cotta, and fire-clay products.....	.....	336,750	180	9,100	3,429	.....
Butter.....	1,767	77,866	505	1,270	965	.....
Buttons.....	.....	10,978	150	52	144	.....
Canning and preserving, fruits and vegetables.....	219	14,989	.....	3	31	3,600
Carriages and wagons, including repairs.....	50	5,639	22	204	94	.....
Cars and general shop construction and repairs by steam-railroad companies.....	343	276,947	303	11,508	277	1,422
Cars, steam-railroad, not including operations of railroad companies.....	.....	21,471	135	68,599	903	.....
Cement.....	.....	454,502	.....	.....	100	.....
Confectionery and ice cream.....	387	17,148	246	4,676	160	11,510
Engines, steam, gas, and water.....	.....	15,098	7,630	12,396	3,861	2,960
Flour-mill and gristmill products.....	515	28,024	7	3,003	836	12
Food preparations, not elsewhere specified.....	672	27,147	839	41	13	18,256
Foundry and machine-shop products.....	163	26,737	11,371	11,891	1,791	2,391
Furniture.....	.....	7,724	.....	.....	52	.....
Gas, illuminating and heating.....	3,403	82,823	81,222	398,128	5,684	.....
Glucose and starch.....	474	166,018	586	17,518	.....	.....
Ice, manufactured.....	80	66,625	.....	2,765	.....	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.....	11	15,864	54	.....	35	.....
Mineral and soda waters.....	237	7,194	6	43	41	375
Paper and wood pulp.....	.....	17,625	.....	500	.....	.....
Paving materials.....	25	8,916	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals.....	687	12,692	138	240	1,103	43,765
Roofing materials.....	.....	28,100	.....	.....	.....	.....
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	.....	10,321	.....	69	350	680
Slaughtering and meat packing.....	500	219,072	100	.....	317	28,666
Sugar, beet.....	.....	11,623	523	.....	.....	.....
Wall plaster and composition flooring.....	.....	27,404	758	.....	72	.....
Washing machines and clothes wringers.....	124	5,831	501	.....	490	36
All other industries.....	2,441	130,243	16,330	28,811	2,715	27,289
Total for cities.....	5,771	1,495,259	98,493	265,071	11,010	162,052
BOONE.....	12	3,945	1,336	34	43	779
BURLINGTON.....	179	21,788	5,721	11,269	122	4,568
CEDAR RAPIDS.....	223	106,291	9,885	967	330	27,117
CLINTON.....	513	157,215	1,138	9,235	523	4,532
COUNCIL BLUFFS.....	381	34,477	4,178	15,510	132	11,061
DAVENPORT.....	268	56,890	6,936	27,955	1,720	20,208
DES MOINES.....	1,074	245,678	17,337	61,416	1,117	44,226
DUBUQUE.....	722	44,765	2,675	4,348	218	5,466
FORT DODGE.....	18	31,294	3,327	13,138	3,620	687
FORT MADISON.....	47	9,168	1,040	5,558	1	100
IOWA CITY.....	47	24,051	977	2,219	11	426
KEOKUK.....	747	54,805	8,610	12,143	93	358
MARSHALLTOWN.....	160	27,982	3,783	869	197	6,028
MASON CITY.....	19	372,839	2,018	6,930	60	1,425
MUSCATINE.....	31	22,057	2,129	1,415	284	1,230
OTTUMWA.....	36	74,925	3,466	7,465	193	18,129
SIOUX CITY.....	1,019	152,769	10,381	39,260	250	12,563
WATERLOO.....	275	54,320	13,556	45,340	2,096	3,059

[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 five of these industries in Iowa 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, and the cost of all other materials, which includes that for dressed meat purchased for curing, fats, cottonseed oil, poultry, refrigeration, seasoning, containers, curing materials, fuel, rent of power, mill supplies, and freight. It also shows the quantity and value of the various products manufactured, except that the value of canned beef and pork, meat puddings, scrapple, etc., lard, oleo, and other oils, oleo stearin, glue, poultry and stock feed, and skins, other than cattle, calf, and sheep are included in "All other products."

During the census period 1914–1919 the cost of materials increased $136,647,178, or 201.6 per cent, and the value of products $152,189,833, or 205.2 per cent. The increase in production during this five-year period is better indicated by the increase in the number of animals slaughtered in 1919 as compared with 1914. Beeves increased 217,696, or 99.2 per cent; calves 30,104, or 198.4 per cent; and hogs 908,272, or 37.9 per cent. The only decrease in the number of animals slaughtered was in sheep and lambs, 42,987, or 14 per cent.

Iowa has ranked sixth in the industry in value of products among the states since 1904.

TABLE 19.—SLAUGHTERING AND MEAT PACKING.

	1919	1914	1909
MATERIALS.			
Total cost	$204,420,686	$67,773,508	$53,034,481
Animals slaughtered, cost	$187,034,324	$63,193,329	$50,182,075
Beeves—			
Number	437,055	219,359	252,821
Cost	$41,943,020	$15,759,369	$11,256,445
Calves—			
Number	45,275	15,171	20,437
Cost	$962,724	$213,894	$202,852
Sheep and lambs—			
Number	264,432	307,419	49,577
Cost	$2,782,728	$1,547,912	$223,759
Hogs—			
Number	3,302,333	2,394,061	2,487,251
Cost	$141,345,852	$45,672,154	$38,499,019
All other materials, cost	$17,386,362	$4,580,179	$2,852,406
PRODUCTS.			
Total value	$226,361,698	$74,171,865	$58,913,482
Fresh meat, value	$70,511,415	$28,029,755	$19,212,269
Beef—			
Pounds	189,351,603	118,567,051	123,780,302
Value	$33,190,688	$13,676,747	$8,854,488
Veal—			
Pounds	4,821,377	1,715,791	2,429,149
Value	$739,047	$206,268	$226,921
Mutton and lamb—			
Pounds	9,820,929	12,539,457	1,848,011
Value	$2,141,308	$1,270,068	$170,834
Pork—			
Pounds	116,334,618	103,461,549	100,113,209
Value	$29,812,210	$12,284,615	$9,750,724
Edible offal and all other fresh meat—			
Pounds	36,390,061	8,885,752	3,820,807
Value	$4,628,162	$592,057	$209,302
Cured meat, value	$97,897,036	$29,343,351	$24,852,404
Beef, pickled and other cured—			
Pounds	5,001,301	(1)	(1)
Value	$1,075,805	(1)	(1)
Pork, pickled and other cured—			
Pounds	335,237,381	233,138,198	219,106,133
Value	$96,821,231	$29,343,351	$24,852,404
Sausage:			
Pounds	21,252,903	17,820,025	15,541,624
Value	$4,347,169	$2,111,860	$1,300,758
Lard:			
Pounds	103,502,429	59,038,166	71,084,771
Value	$31,003,935	$6,491,245	$8,059,149
Lard compounds and substitutes:			
Pounds	5,032,256	(1)	(2)
Value	$1,227,371	(1)	(2)
Tallow and oleo stock:			
Pounds	9,912,001	[3] 30,676,882	5,403,034
Value	$1,857,524	[3] $2,150,363	$422,490
Oleomargarine:			
Pounds	474,824	(1)	.....
Value	$138,853	(1)	.....
Soap stock and grease:			
Pounds	14,134,506	8,880,127	(2)
Value	$1,752,024	$514,707	(2)
Casings:			
Pounds	4,003,007	2,001,832	(2)
Value	$641,001	$253,475	(2)
Fertilizer and fertilizer materials:			
Tons	9,599	7,970	12,819
Value	$647,383	$235,930	$294,072
Hides and pelts:			
Cattle—			
Number	437,055	219,359	
Pounds	24,107,779	12,259,831	265,063
Value	$7,141,823	$2,138,122	14,727,015
Calf—			$1,878,592
Number	33,928	8,588	
Pounds	559,046	130,548	
Value	$249,513	$21,677	
Sheep—			
Number	263,719	307,648	49,534
Value	$785,673	$351,907	$61,386
Hair, hog and cattle:			
Pounds	2,369,606	(2)	(2)
Value	$157,671	(2)	(2)
All other products, value	$8,003,307	$2,529,413	$2,832,362

[1] Included in "All other products," to avoid disclosure of individual operations.
[2] Not reported separately.
[3] Includes a large amount of grease.

Butter, cheese, and condensed milk (Table 20).—This table presents the quantities and values of the principal products of the industry for 1919, 1914, and 1909. At each of the three censuses butter was the product of chief value, forming 87.3 per cent of the total value of all products for the industry in 1919, as compared with 90.6 per cent in 1914. During this five-year period the value of butter increased 101.7 per cent, while the quantity decreased 2.5 per cent.

TABLE 20.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$57,800,148	$27,605,968	$25,849,866
Butter:			
Pounds	90,079,758	92,405,806	88,582,187
Value	$50,438,628	$25,011,327	$24,440,715
Packed solid—			
Pounds	62,856,122	71,194,290	75,581,191
Value	$34,729,324	$19,025,043	$20,800,762
Prints or rolls—			
Pounds	27,223,636	21,211,516	13,000,996
Value	$15,709,304	$5,986,284	$3,639,953
Cream sold:			
Pounds	4,811,541	2,933,142	1,169,943
Value	$611,338	$299,071	$134,156
Cheese:			
Pounds	1,015,790	855,198	999,559
Value	$293,685	$125,171	$148,876
All other butter, cheese, and condensed-milk factory products, value	$3,127,892	$954,994	$866,565
All other products, value	$3,328,605	$1,215,405	$259,554

Flour-mill and gristmill products (Table 21).—This table shows the chief products of the industry in Iowa at the censuses of 1919, 1914, and 1909. Of the total value of products for the industry in the state, wheat flour formed 64.4 per cent in 1919 and 49.9 per cent in 1914. Bran and middlings and feed and offal combined formed 28 per cent and 27.4 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 92 per cent, while the quantity decreased 15.9 per cent during the five-year period.

TABLE 21.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$21,324,678	$14,336,576	$12,870,603
Wheat flour:			
Barrels	1,251,770	1,488,811	1,523,264
Value	$13,728,744	$7,149,334	$7,958,975
Rye flour:			
Barrels	11,166	13,133	20,906
Value	$97,436	$63,451	$95,019
Corn meal and corn flour:			
Barrels	145,364	318,590	184,301
Value	$1,106,986	$1,089,155	$582,328
Buckwheat flour:			
Pounds	1,821,294	1,123,875	2,870,980
Value	$118,398	$41,424	$97,510
Barley meal:			
Pounds	61,502	.....	.....
Value	$1,584	.....	.....
Bran and middlings:			
Tons	54,516	63,857	
Value	$2,504,998	$1,369,505	144,959
Feed and offal:			$3,595,581
Tons	62,006	99,219	
Value	$3,456,387	$2,562,961	
Hominy and grits:			
Pounds	3,246,619	16,693,110	16,416,130
Value	$101,908	$188,080	$232,936
Oatmeal:			
Pounds	.....	4,510,962	.....
Value	.....	$125,054	.....
Breakfast foods:			
Pounds	20,242	45,879,016	.....
Value	$1,293	$1,653,873	.....
All other cereal products, value	$206,944	$24,460	$90,296
All other products, value	.....	$69,279	$217,958

Printing and publishing (Table 22).—This table shows the number and aggregate circulation per issue of each of the various classes of newspaper and periodical publications reported for the census years 1919, 1914, and 1909.

Of the 58 dailies reported for 1919, 45, with a circulation of 532,255, were issued in the afternoon. This is an increase over 1914 of 98,172, or 22.6 per cent. The circulation of the morning newspapers during the same five-year period increased 32,167, or 21 per cent. The decrease in the circulation of weekly publications was due to the discontinuance or reduction in circulation, as reported, of several weeklies of large circulation devoted to agriculture and religion. A considerable reduction in circulation of news weeklies was due to the discontinuance of a number of German papers.

Thirty-six publications, with a circulation of 201,238, were printed in foreign languages in 1919. Of these, 21 were weeklies, 11 of them being printed in German, 3 in Danish, 3 in Dutch, 2 in Bohemian, and 1 each in Norwegian and Swedish. There were 5 monthly publications, 1 each printed in Dutch, German, Norse, Norwegian and Danish, and Swedish; 2 triweeklies, both in German; 1 semiweekly in Norwegian; 1 trimonthly and 1 quarterly in German; and 1 semimonthly in Danish. Of the 1914 foreign-language publications, 78,375 of the 236,235 circulation were in German, as compared with 60,665 in 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	845	928	1,004	4,910,108	4,856,573	3,806,253
Daily	58	68	68	717,607	587,268	450,919
Sunday	14	14	14	266,152	200,666	169,678
Semiweekly	28	34	48	96,337	110,113	136,726
Triweekly	8	6	4	25,654	24,150	15,900
Weekly	657	738	784	1,190,932	1,459,849	1,419,709
Semimonthly	[1] 11	11	8	144,400	193,830	84,960
Monthly	58	53	66	2,334,376	2,256,097	1,490,861
Quarterly	[2] 11	[3] 4	[4] 12	134,650	24,600	37,500

[1] Includes 1 trimonthly.
[2] Includes 2 bimonthlies.
[3] Includes 1 bimonthly.
[4] Includes 3 bimonthlies and 5 classed as "all other."

Agricultural implements (Table 23).—This table shows the value of the principal classes of agricultural implements manufactured in Iowa in 1919, 1914, and 1909. While the total value of products for the industry in the state shows an increase from census to census, consideration should be given to the increased value of commodities in 1919, in connection with the increase from 1914. In 1919, as in previous censuses, the largest single item of value was, "All other products, including parts," forming 57.7 per cent of the total for the industry in 1919, and 55.1 per cent in 1914. Although this item includes the value of engines, wagons, etc., it is made up largely of agricultural implements the value of which could not be shown separately without the possibility of disclosing the operations of individual establishments.

TABLE 23.—AGRICULTURAL IMPLEMENTS: 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$5,959,129	$5,216,245	$4,757,089
Plows and cultivators	248,340	922,599	438,837
Harvesting implements	1,610,684	930,505	1,157,701
Seed separators	656,133	446,900	55,918
All other products, including parts	3,436,994	2,875,266	2,785,870
Amount received for repair work	6,978	34,885	318,763

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 of Iowa 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	129	176	−26.7
Persons engaged	2,466	2,883	−14.5
Proprietors and firm members	137	186	−26.3
Salaried employees	255	179	42.5
Wage earners (average number)	2,074	2,518	−17.6
Primary horsepower	3,168	3,873	−18.2
Capital	$2,569,074	$1,784,871	43.9
Salaries and wages	1,730,459	1,331,153	30.0
Salaries	357,951	180,634	98.2
Wages	1,372,508	1,150,519	19.3
Paid for contract work	12,128	3,192	279.9
Rent and taxes	289,925	104,131	178.4
Cost of materials	901,410	587,627	53.4
Amount received for work done	3,904,658	2,882,005	35.5

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

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	70
Persons engaged	584
Proprietors and firm members	76
Salaried employees	103
Wage earners (average number)	405
Primary horsepower	523
Capital	$679,719
Salaries and wages	550,061
Salaries	127,310
Wages	422,751
Paid for contract work	5,593
Rent and taxes	65,263
Cost of materials	253,684
Amount received for work done	1,333,047

Custom sawmills and custom 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 these 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 all grain milled.

TABLE 26.—CUSTOM SAWMILLS: 1919 AND 1909.

	Number or amount.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	53	117	−54.7
Persons engaged	91	284	−68.0
Proprietors and firm members	64	148	−56.8
Salaried employees	.....	3	.....
Wage earners (average number)	27	133	−79.7
Primary horsepower	1,465	2,232	−34.4
Capital	$91,313	$150,765	−39.4
Salaries and wages	19,120	41,349	−53.8
Salaries	.....	1,062	.....
Wages	19,120	40,287	−52.5
Rent and taxes	493	(2)	.....
Cost of materials	6,412	2,999	113.8
Amount received for work done	58,450	124,124	−52.9

[1] A minus sign (−) denotes decrease.
[2] Figures not available.

TABLE 27.—CUSTOM GRISTMILLS: 1919 AND 1909.

	Number or amount.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	129	174	−25.9
Persons engaged	206	260	−20.8
Proprietors and firm members	155	216	−28.2
Salaried employees	1	2	.....
Wage earners (average number)	50	42	.....
Primary horsepower	4,042	6,043	−33.1
Capital	$638,527	$546,774	16.8
Salaries and wages	42,103	18,214	131.2
Salaries	600	580	3.4
Wages	41,503	17,634	135.4
Rent and taxes	6,437	(2)	.....
Cost of materials [3]	2,574,678	1,094,869	135.2
Value of products [3]	2,971,103	1,351,291	119.9

[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, 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 the cities of Des Moines and Sioux City; and for Davenport and 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 29 presents, for 1919, for the state as a whole and for Davenport, Des Moines, and Sioux City, 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 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.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	5,683	80,551	242,946	$90,117	$520,241	$745,473
	1914	5,614	63,113	190,049	39,860	205,451	310,750
	1909	5,528	61,635	155,384	32,542	170,707	259,238
Agricultural implements	1919	26	906	2,396	1,082	2,822	5,959
	1914	34	1,164	2,459	794	2,052	5,216
	1909	42	1,318	2,554	683	2,171	4,757
Artificial stone products	1919	255	672	2,563	734	1,288	2,962
	1914	384	809	2,464	502	951	2,082
	1909	308	730	1,730	397	632	1,569
Automobile bodies and parts.	1919	37	460	552	469	816	1,713
	1914	10	29	34	20	22	68
	1909	4	84	(1)	42	68	132
Awnings, tents, and sails	1919	18	77	91	62	214	417
	1914	19	92	69	46	189	339
	1909	16	77	61	35	137	245
Boots and shoes	1919	6	653	779	449	2,270	3,047
	1914	9	389	427	244	501	845
	1909	10	716	345	318	1,059	1,633
Boxes, cigar	1919	7	69	57	44	67	179
	1914	7	76	46	31	49	115
	1909	7	79	59	26	54	112
Boxes, paper and other, not elsewhere specified.	1919	10	238	178	142	978	1,438
	1914	8	125	98	43	81	176
	1909	6	128	64	33	57	128
Bread and other bakery products.	1919	538	2,583	3,376	$2,973	$12,511	$20,244
	1914	518	2,182	2,041	1,269	5,166	9,151
	1909	495	1,647	1,172	846	4,147	6,818
Brick and tile, terra-cotta, and fire-clay products.	1919	113	2,452	18,335	2,994	2,639	8,127
	1914	158	3,163	20,081	2,169	2,021	6,400
	1909	245	3,444	21,929	1,846	1,384	4,947
Brooms, from broom corn	1919	44	198	263	181	545	1,052
	1914	40	196	248	111	260	572
	1909	51	240	127	111	331	649
Butter, cheese, and condensed milk.	1919	434	1,663	10,135	1,756	50,481	57,800
	1914	490	1,333	9,048	1,013	24,075	27,606
	1909	512	1,231	8,911	855	22,842	25,850
Buttons	1919	77	2,091	2,340	1,519	2,477	5,615
	1914	81	2,406	3,086	1,009	1,473	3,255
	1909	70	3,172	2,809	1,412	1,414	4,035
Canning and preserving [2]	1919	76	1,582	6,949	1,099	6,735	10,223
	1914	64	1,209	4,400	438	2,122	3,920
	1909	71	1,247	2,989	299	1,568	2,549
Carpets, rag	1919	22	64	142	53	32	144
	1914	24	79	103	41	23	104
	1909	32	158	220	78	44	206
Carriages and wagons and materials.	1919	68	493	1,689	432	1,008	2,155
	1914	93	994	2,120	636	1,903	3,437
	1909	119	1,441	2,387	828	2,748	4,786

[1] Figures not available.
[2] Includes "canning and preserving, fruits and vegetables," and "pickles, preserves, and sauces."

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

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

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
Cars and general shop construction and repairs by electric-railroad companies.	1919	15	323	538	$402	$312	$770
	1914	12	298	490	218	153	400
	1909	13	183	1,273	112	96	231
Cars and general shop construction and repairs by steam-railroad companies.	1919	51	13,536	12,063	18,906	12,219	33,099
	1914	36	8,024	9,337	5,988	4,734	11,434
	1909	33	6,969	5,937	4,535	5,149	10,269
Cleansing and polishing preparations.	1919	8	21	105	18	126	276
	1914	6	17	71	11	63	138
	1909	3	5	(1)	3	18	41
Clothing, men's, including shirts.	1919	22	778	258	432	2,599	3,858
	1914	22	954	369	322	1,065	1,670
	1909	28	1,480	479	425	1,412	2,406
Clothing, women's	1919	10	503	405	317	1,145	2,069
	1914	14	563	97	220	751	1,220
	1909	19	876	123	304	885	1,535
Coffee, roasting and grinding.	1919	16	173	586	145	4,355	5,129
	1914	14	282	967	147	2,966	3,804
	1909	11	249	346	114	2,098	2,661
Coffins, burial cases, and undertakers' goods.	1919	8	318	511	321	872	1,649
	1914	6	234	414	145	386	720
	1909	8	242	494	132	388	753
Confectionery and ice cream.	1919	182	1,739	4,183	1,285	6,871	11,535
	1914	176	1,519	2,850	721	3,100	5,086
Cooperage	1919	14	111	263	115	499	806
	1914	20	155	268	79	304	521
	1909	34	249	467	121	560	876
Copper, tin, and sheet-iron work.	1919	120	803	570	914	2,634	5,062
	1914	86	558	503	386	1,439	2,489
	1909	71	585	1,925	334	1,505	2,414
Dairymen's, poultrymen's, and apiarists' supplies.	1919	12	434	1,249	514	1,869	3,177
	1914	7	394	1,012	233	1,305	1,923
	1909	17	730	736	395	966	1,964
Electrical machinery, apparatus, and supplies.	1919	7	82	90	79	140	280
	1914	5	94	88	58	87	235
	1909	9	64	84	31	74	200
Flavoring extracts	1919	8	11	11	10	120	205
	1914	8	17	32	10	60	114
	1909	6	21	(1)	8	53	110
Flour-mill and gristmill products.	1919	189	509	13,729	578	18,013	21,325
	1914	227	790	16,388	486	11,758	14,337
	1909	277	647	18,832	382	10,934	12,871
Food preparations, not elsewhere specified.	1919	30	2,441	16,021	2,368	45,262	54,994
	1914	24	1,371	5,238	806	11,393	15,460
	1909	24	833	3,124	406	7,169	9,795
Foundry and machine-shop products.[2]	1919	849	9,022	21,984	10,968	22,481	48,994
	1914	364	5,571	13,022	3,887	7,307	16,606
	1909	274	5,108	8,402	3,085	6,372	14,064
Fur goods	1919	20	268	158	270	805	1,846
	1914	17	124	176	82	186	437
	1909	11	73	91	38	105	287
Furniture and refrigerators.	1919	39	1,018	1,999	1,073	1,938	4,024
	1914	40	1,233	3,302	780	1,504	2,879
	1909	44	1,074	2,453	606	1,336	2,650
Gas, illuminating and heating.	1919	68	727	5,316	846	2,641	5,738
	1914	113	768	4,349	497	1,638	4,066
	1909	117	806	2,043	380	1,111	2,893
Gloves and mittens, leather.	1919	6	290	81	189	753	1,520
	1914	8	195	94	85	359	626
	1909	10	234	236	94	373	693
Grease and tallow, not including lubricating greases.	1919	29	69	287	94	385	669
	1914	6	33	241	22	53	99
	1909	9	26	(1)	19	129	214
Ice, manufactured	1919	46	504	5,859	539	532	1,841
	1914	34	192	3,469	150	202	579
	1909	18	151	2,045	101	64	290
Jewelry	1919	18	66	46	65	89	274
	1914	16	54	52	39	28	102
	1909	16	95	127	53	49	155
Leather goods[3]	1919	120	411	412	$511	$2,604	$4,225
	1914	157	557	422	393	1,905	3,054
	1909	67	600	380	353	1,812	2,855
Lumber and timber products.[4]	1919	144	3,549	11,686	3,149	9,593	17,893
	1914	141	3,302	10,147	2,100	6,713	11,427
	1909	229	4,658	16,564	2,356	7,141	12,659
Marble and stone work	1919	58	244	979	339	1,030	2,169
	1914	88	337	913	268	719	1,572
	1909	87	315	514	243	616	1,338
Mattresses and spring beds, not elsewhere specified.	1919	15	239	670	272	1,123	1,992
	1914	16	233	353	144	492	828
	1909	17	242	311	128	455	726
Millinery and lace goods, not elsewhere specified.	1919	4	47	8	29	118	264
	1914	5	33	4	10	11	39
Mineral and soda waters	1919	108	207	416	190	826	1,633
	1914	117	278	424	168	506	1,111
	1909	99	232	364	125	294	794
Optical goods	1919	9	71	31	56	110	350
	1914	9	46	26	25	64	164
	1909	7	17	14	8	26	69
Paints	1919	4	10	90	16	160	268
	1914	4	25	226	14	94	156
	1909	4	18	170	12	85	154
Paper and wood pulp	1919	4	136	1,932	141	293	612
	1914	3	8	1,312	54	183	280
	1909	4	205	1,435	81	281	437
Patent medicines and compounds and druggists' preparations.[5]	1919	114	746	1,129	658	4,655	10,658
	1914	94	418	642	229	1,667	4,828
	1909	100	358	503	133	1,065	3,401
Paving materials	1919	21	219	4,267	225	148	464
	1914	19	326	2,990	178	93	354
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	1919	47	689	1,428	722	9,766	11,450
	1914	35	481	1,081	242	4,022	4,673
Printing and publishing[6]	1919	997	4,808	7,023	5,134	7,851	26,806
	1914	1,076	4,948	6,545	3,336	4,130	15,934
	1909	1,110	4,853	5,527	2,591	3,287	12,129
Signs and advertising novelties.	1919	17	350	232	331	639	2,367
	1914	17	57	26	53	94	233
	1909	5	26	2	19	13	46
Slaughtering and meat packing.[7]	1919	30	7,197	15,619	8,811	204,789	226,865
	1914	33	4,430	10,247	2,740	67,871	74,289
	1909	33	4,144	8,309	2,190	53,127	59,045
Soap	1919	7	82	140	68	993	1,427
	1914	8	115	290	71	976	1,418
	1909	9	150	270	58	910	1,382
Stoves and hot-air furnaces.	1919	10	412	636	547	990	3,096
	1914	17	393	618	289	409	1,213
	1909	14	352	484	222	362	890
Tobacco, cigars	1919	211	1,305	56	1,019	1,822	3,977
	1914	298	1,662	31	854	1,270	3,105
	1909	366	1,897	(1)	841	1,266	3,176
Tools, not elsewhere specified.	1919	17	343	1,100	341	648	1,468
	1914	14	292	913	148	440	821
	1909	16	160	452	96	243	489
Wall plaster and composition flooring.	1919	7	884	3,335	890	840	2,626
	1914	7	599	3,648	492	486	1,722
	1909	6	539	1,480	181	193	739
Washing machines and clothes wringers.	1919	14	1,063	1,418	1,213	4,629	8,815
	1914	14	375	685	237	703	1,499
	1909	11	341	651	178	541	1,117
Wirework, not elsewhere specified.	1919	10	114	252	96	538	800
	1914	9	160	363	81	201	397
	1909	13	113	(1)	52	288	488
All other industries	1919	217	9,478	53,930	10,922	53,933	85,033
	1914	233	6,273	38,590	3,996	20,673	33,402
	1909	201	6,003	23,380	3,188	19,200	31,426

[1] Figures not available.

[2] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "iron and steel, tempering, welding, etc."; "machine tools"; "plumbers' supplies"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; and "hardware, saddlery," in 1914 and 1909.

[3] Includes "saddlery and harness"; and "trunks and valises."

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

[5] Includes "perfumery and cosmetics."

[6] Includes "bookbinding and blank-book making"; and "lithographing" in all years; and "engraving, steel and copper plate, including plate printing," in 1914.

[7] Includes "sausage, not made in slaughtering and meat-packing establishments."

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

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.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
DAVENPORT[1] All industries.	1919	219	3,928	11,462	$4,308	$21,562	$32,587
	1914	231	3,958	9,121	2,402	10,116	17,173
	1909	232	4,231	9,166	2,178	11,571	18,802
DES MOINES All industries.	1919	379	7,085	17,341	7,559	33,291	59,831
	1914	384	5,306	13,978	3,560	12,275	23,747
	1909	387	5,383	10,106	2,945	13,565	23,585
Bread and other bakery products.	1919	39	359	295	329	1,736	2,944
	1914	35	238	299	146	591	1,070
	1909	32	201	131	106	472	793
Brick and tile, terra-cotta, and fire-clay products.	1919	8	295	1,529	383	317	1,002
	1914	10	445	2,600	312	313	823
	1909	11	323	2,454	198	189	513
Confectionery and ice cream.	1919	7	168	513	176	938	1,510
	1914	8	155	194	111	265	551
Copper, tin, and sheet-iron work.	1919	12	111	71	137	281	663
	1914	16	60	40	43	160	307
	1909	10	51	43	40	82	173
Flour-mill and gristmill products.	1919	5	40	615	43	1,329	1,488
	1914	6	39	433	24	506	579
	1909	6	42	271	23	653	757
Foundry and machine-shop products.[2]	1919	26	227	519	295	674	1,409
	1914	26	271	714	195	556	1,139
	1909	25	335	798	218	828	1,613
Fur goods	1919	4	99	36	118	432	840
	1914	4	38	30	24	42	100
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	10	180	490	187	725	1,463
	1914	13	181	438	132	825	1,624
	1909	8	136	(3)	83	392	606
Patent and proprietary medicines.	1919	18	145	215	107	421	1,479
	1914	16	136	246	64	225	842
	1909	21	167	(3)	49	268	816
Printing and publishing[4].	1919	84	975	1,760	1,080	2,385	9,404
	1914	87	965	1,231	737	1,161	4,501
	1909	85	863	931	498	979	3,267
Stoves and hot-air furnaces.	1919	5	230	317	320	460	1,267
	1914	4	143	211	107	100	439
	1909	5	115	121	80	79	284
Tobacco, cigars	1919	12	60	11	54	101	214
	1914	10	74	2	40	64	142
	1909	14	107	.....	49	73	178
All other industries	1919	150	4,213	10,996	4,348	23,516	36,209
	1914	149	2,561	7,540	1,625	7,467	11,630
	1909	170	3,043	5,357	1,601	9,550	14,585
SIOUX CITY All industries.	1919	251	6,749	14,572	$88,947	$125,261	$146,393
	1914	220	4,753	11,646	3,198	40,819	49,479
	1909	136	3,750	8,807	2,131	30,388	37,425
Automobile repairing	1919	33	115	176	173	213	565
	1914	3	36	10	29	20	78
Bread and other bakery products.	1919	24	323	528	293	1,277	2,115
	1914	19	279	201	153	600	950
Brooms, from broom corn.	1919	3	38	18	33	81	136
	1914	5	20	16	13	21	45
Coffee, roasting and grinding.	1919	4	39	91	34	1,285	1,411
	1914	4	19	88	10	387	497
Confectionery and ice cream.	1919	11	189	457	135	714	1,100
	1914	6	150	140	62	414	558
Copper, tin, and sheet-iron work.	1919	10	131	90	135	276	837
	1914	8	72	47	52	112	206
Druggists' preparations	1919	3	89	69	128	926	1,317
	1914	5	39	10	24	223	411
Foundry and machine-shop products.	1919	9	92	182	124	107	329
	1914	13	84	218	69	79	221
Fur goods	1919	5	17	16	14	78	193
	1914	4	13	82	9	13	44
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	5	159	632	214	388	805
	1914	6	168	525	120	229	462
Mineral and soda waters	1919	4	15	42	24	131	245
	1914	5	19	34	13	45	105
Printing and publishing, book and job.	1919	17	90	142	98	135	376
	1914	12	97	96	64	151	344
Printing and publishing, newspapers and periodicals.	1919	11	261	468	342	723	1,705
	1914	15	238	727	207	287	861
Saddlery and harness	1919	6	35	27	37	259	364
	1914	8	43	9	33	100	177
Tobacco, cigars	1919	9	29	4	23	62	114
	1914	10	48	.....	29	39	96
All other industries	1919	97	5,127	11,630	7,140	118,606	134,781
	1914	97	3,428	9,443	2,311	38,099	44,424

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

BOONE	1919	39	369	437	$375	$699	$1,550
	1914	33	256	487	142	489	908
	1909	33	166	313	88	222	469
BURLINGTON	1919	97	2,274	4,875	2,170	6,782	12,090
	1914	118	2,246	3,993	1,316	3,751	6,866
	1909	128	3,191	5,346	1,723	4,645	8,443
CEDAR RAPIDS	1919	208	6,284	19,814	6,474	72,066	92,118
	1914	170	4,394	12,534	2,727	25,948	34,989
	1909	153	3,565	7,224	1,869	18,650	24,824
CLINTON	1919	119	3,452	9,884	4,090	19,345	30,321
	1914	105	2,679	8,842	1,614	6,949	10,427
	1909	69	2,414	6,391	1,273	4,630	7,480
COUNCIL BLUFFS	1919	111	1,891	3,978	2,474	5,542	10,611
	1914	101	1,336	2,495	935	2,302	4,279
	1909	101	1,434	1,756	845	1,957	3,769
DUBUQUE	1919	131	6,147	10,861	6,024	19,952	34,277
	1914	139	5,171	9,098	2,926	8,188	14,714
	1909	156	5,160	9,623	2,602	9,002	15,249
FORT DODGE	1919	80	1,605	4,178	1,395	7,198	10,884
	1914	56	951	2,930	612	3,118	4,871
	1909	44	1,115	2,204	421	1,812	2,975
IOWA CITY	1919	49	322	880	$268	$926	$1,767
	1914	61	350	714	212	571	1,333
	1909	44	282	814	143	340	805
KEOKUK	1919	71	1,598	7,527	1,549	11,917	17,555
	1914	85	1,333	4,413	737	5,150	8,250
	1909	91	1,541	3,219	776	4,684	7,399
MARSHALLTOWN	1919	62	1,338	2,578	1,506	4,977	8,642
	1914	61	1,060	2,388	693	3,338	5,150
	1909	49	1,365	1,975	806	3,179	4,822
MASON CITY	1919	59	2,367	18,078	2,859	23,054	29,513
	1914	60	2,054	17,158	1,481	6,784	11,742
	1909	49	807	3,729	470	1,796	2,881
MUSCATINE	1919	146	2,522	4,162	2,102	5,698	10,754
	1914	142	2,397	4,871	1,166	3,009	5,999
	1909	113	3,496	4,560	1,575	2,738	6,166
OTTUMWA	1919	94	2,601	5,509	2,877	36,501	45,030
	1914	88	2,447	4,434	1,498	18,014	21,300
	1909	93	2,650	4,332	1,319	12,166	14,838
WATERLOO	1919	161	4,620	9,910	5,791	23,393	35,481
	1914	144	3,483	9,583	2,537	7,813	14,126
	1909	108	3,124	4,247	1,793	4,642	8,999

[1] Comparative statistics by industries for 1914 and 1909 not available.
[2] Includes "automobile repairing"; "gas machines and gas and water meters"; "iron and steel, welding"; "pumps, power, other than steam"; and "structural iron-work, not made in steel works or rolling mills," in all years; and "engines, steam, gas, and water," and "hardware," in 1914.
[3] Figures not available.
[4] Includes "bookbinding and blank-book making" in all years; and "lithographing" in 1914 and 1909.

TABLE 29.—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	5,683	105,439	5,393	5,572	9,312	4,611	80,551	No 85,825	Fe 75,141	(2)	(2)	(2)	(2)	(2)	Dollars. 403,205,513
2	Agricultural implements	26	1,141	20	93	69	53	906	De 991	Au 854	1,017	985	22	10	.....	5,232,384
3	Artificial stone products	255	1,081	280	79	30	20	672	Se 938	Ja 311	915	909	3	3	.....	3,077,059
4	Automobile bodies and parts	37	569	37	34	19	19	460	No 598	Ap 348	553	482	59	12	.....	1,234,487
5	Automobiles	6	151	1	19	15	12	104	Je 131	Au 64	100	100	.....	.....	.....	1,220,136
6	Automobile repairing	579	2,311	735	81	51	89	1,355	Au 1,532	Ja 1,119	1,430	1,409	19	2	.....	4,412,673
7	Awnings, tents, and sails	18	126	18	14	4	13	77	Au 108	Ja [4] 49	73	53	20	.....	.....	299,286
8	Bookbinding and blank-book making	12	160	12	9	37	17	85	De 91	Se 80	92	48	42	1	1	115,431
9	Boots and shoes	6	740	2	26	38	21	653	Je 701	No 610	658	312	332	10	4	1,752,067
10	Boxes, cigar	7	81	4	7	.....	1	69	De 76	Jy 64	76	20	45	.....	2	111,879
11	Boxes, paper and other, not elsewhere specified.	10	266	4	16	4	4	238	De 259	Ap 220	260	80	171	3	6	407,307
12	Boxes, wooden packing, except cigar boxes.	15	168	15	11	4	3	135	Ja 143	Jy 127	135	127	2	6	.....	203,195
13	Brass and bronze products	5	39	6	5	2	1	25	Jy [4] 30	Ja 8	29	25	4	.....	.....	142,926
14	Bread and other bakery products	538	3,992	609	165	354	281	2,583	.....	.....	2,873	1,813	965	63	32	9,401,672
15	Biscuit and crackers	7	1,229	.....	38	174	58	959	No 1,096	Mh 755	1,063	466	583	2	12	3,050,087
16	All other	531	2,763	609	127	180	223	1,624	De 1,793	Ja 1,425	1,810	1,347	382	61	20	5,744,685
17	Brick and tile, terra-cotta, and fire-clay products.	113	2,854	97	167	106	32	2,452	.....	.....	2,768	2,758	3	7	.....	13,959,069
18	Building brick	29	522	26	29	11	6	450	Se 644	Ja 123	547	545	1	1	.....	3,643,025
19	Sewer pipe and draintile	63	1,446	54	92	43	15	1,242	Au 1,638	Ja 561	1,407	1,405	2	.....	.....	6,358,761
20	Terra-cotta products	17	702	12	35	48	9	598	Je 741	Ja 342	618	612	.....	6	.....	3,257,567
21	All other	4	184	5	11	4	2	162	Je 215	De 77	196	196	.....	.....	.....	700,616
22	Brooms, from broom corn	44	302	55	20	20	9	198	De 218	Jy 182	218	151	64	2	1	742,182
23	Butter	411	2,386	234	273	162	122	1,595	Je 1,881	Mh 1,243	1,637	1,378	250	9	.....	9,292,240
24	Buttons	77	2,347	77	83	62	34	2,091	De 2,497	My 1,939	2,575	1,686	801	23	65	4,795,360
25	Canning and preserving, fruits and vegetables.	62	1,540	32	157	48	32	1,271	Se 5,365	Fe 326	3,514	1,862	1,637	11	4	7,826,193
26	Carpets, rag	22	103	22	5	7	5	64	Au 75	Ja 53	62	33	29	.....	.....	84,428
27	Carriage and wagon materials	8	129	4	15	11	5	94	De 113	Ja 70	113	113	.....	.....	.....	407,990
28	Carriages and wagons, including repairs	60	573	78	25	54	17	399	.....	.....	452	445	7	.....	.....	2,181,674
29	Carriages and wagons	31	504	39	24	54	16	371	De 430	Fe 320	422	415	7	.....	.....	2,041,394
30	Repair work only	29	69	39	1	.....	1	28	Je 31	My 25	30	30	.....	.....	.....	140,280
31	Cars and general shop construction and repairs by electric-railroad companies.	15	345	.....	13	4	5	323	Mh 331	Au 312	321	316	5	.....	.....	841,603
32	Cars and general shop construction and repairs by steam-railroad companies.	51	14,214	.....	522	29	127	13,536	De 14,037	Je 13,157	14,015	13,944	71	.....	.....	17,410,294
33	Cement	4	1,170	.....	29	99	25	1,017	Se 1,310	Ja [4] 536	1,041	1,025	16	.....	.....	11,747,401
34	Cheese	20	37	19	.....	1	.....	17	Mh [4] 19	De 12	20	19	1	.....	.....	96,375
35	Chemicals	5	103	.....	14	12	5	72	Je 109	Ap 32	104	100	4	.....	.....	1,081,227
36	Cleansing and polishing preparations	8	70	2	15	16	16	21	Je 26	De 16	24	23	1	.....	.....	231,967
37	Clothing, men's	18	844	1	48	71	19	705	.....	.....	840	58	774	1	7	2,434,539
38	Men's and youths'	4	195	.....	9	22	5	159	De 187	Ap 142	187	19	162	1	5	981,874
39	All other	14	649	1	39	49	14	546	De 657	Mh 418	653	39	612	.....	2	1,452,665
40	Clothing, women's	10	613	4	45	43	18	503	Oc 556	My 467	532	128	404	.....	.....	1,828,837
41	Coffee, roasting and grinding	16	331	7	36	98	17	173	Au 184	Ap 163	176	71	105	.....	.....	2,349,135
42	Coffins, burial cases, and undertakers' goods	8	390	1	25	38	8	318	De 330	My 307	340	271	65	3	1	1,004,630
43	Condensed milk	3	58	.....	3	2	2	51	Ja 57	Ap [4] 45	45	38	7	.....	.....	541,469
44	Confectionery and ice cream	182	2,432	201	145	241	106	1,739	.....	.....	1,971	810	1,118	35	8	4,955,569
45	Confectionery	59	1,759	55	83	196	57	1,368	No 1,697	Jy 1,143	1,596	506	1,080	2	8	3,087,534
46	Ice cream	123	673	146	62	45	49	371	Jy 547	Ja 233	375	304	38	33	.....	1,868,035
47	Cooperage	14	137	15	5	1	5	111	.....	.....	121	120	1	.....	.....	337,852
48	Hogsheads and barrels	7	57	6	2	.....	2	47	De 55	Je 37	55	55	.....	.....	.....	184,037
49	All other	7	80	9	3	1	3	64	Je 78	De 44	66	65	1	.....	.....	153,815
50	Copper, tin, and sheet-iron work	120	1,123	118	86	64	52	803	De 924	Mh 654	930	916	16	7	.....	3,079,470
51	Cutlery and edge tools	3	57	2	1	30	.....	24	Ja 31	Jy [4] 20	28	15	10	2	1	43,615
52	Dairymen's, poultrymen's, and apiarists' supplies.	12	575	7	33	66	35	434	.....	.....	510	497	13	.....	.....	2,411,164
53	Poultrymen's supplies, other than incubators and brooders.	6	39	7	5	1	2	24	Au [4] 31	Ja 15	32	26	6	.....	.....	158,013
54	All other	6	536	.....	28	65	33	410	Mh 512	Au 241	478	471	7	.....	.....	2,253,151
55	Druggists' preparations	15	374	7	50	55	28	234	Jy 258	Fe 205	251	192	59	.....	.....	1,606,666
56	Electrical machinery, apparatus, and supplies.	7	118	4	17	6	9	82	De 96	Fe 72	96	81	15	.....	.....	325,058
57	Electroplating	6	30	8	1	.....	.....	21	No 29	Fe 13	28	25	.....	3	.....	28,567
58	Engines, steam, gas, and water	17	3,482	2	208	302	231	2,739	Mh 3,536	Au 1,489	2,929	2,905	22	2	.....	13,427,407
59	Flavoring extracts	8	22	3	4	1	3	11	Au 16	Fe 7	16	11	5	.....	.....	129,990
60	Flour-mill and gristmill products	189	928	219	82	79	39	509	De 576	Jy 475	588	578	7	3	.....	9,116,142
61	Food preparations, not elsewhere specified	30	3,505	29	45	860	190	2,441	.....	.....	2,869	2,176	691	1	1	21,908,626
62	Breadstuff preparations, cereals and breakfast foods.	7	3,361	3	32	829	175	2,322	No 3,071	Ap 1,620	2,651	1,994	655	1	1	21,037,363
63	Sweetening sirups, other than cane	11	43	14	.....	2	1	26	Se 105	Ja [4] 3	107	101	6	.....	.....	272,747
64	All other	12	161	12	13	29	14	93	Au 117	Ap 73	111	81	30	.....	.....	598,516
65	Foundry and machine-shop products	198	4,603	182	334	371	187	3,529	.....	.....	3,976	3,880	82	13	1	16,265,905
66	Boiler shops	11	112	14	8	3	6	81	Oc 93	My 70	87	79	.....	8	.....	412,562
67	Foundries	17	742	11	45	15	6	665	De 835	Au 528	867	859	8	.....	.....	1,724,155
68	Machine shops	146	2,239	138	186	295	122	1,498	De 1,622	Mh 1,370	1,659	1,608	48	2	1	8,292,117
69	Machine shop and foundry combined	24	1,510	19	95	58	53	1,285	De 1,429	Jy 1,226	1,363	1,334	26	3	.....	5,837,071
70	Fur goods	20	401	21	35	35	42	268	Fe 320	Au 203	307	145	161	.....	1	993,849
71	Furniture	36	1,068	23	54	67	30	894	.....	.....	1,051	954	91	6	.....	2,503,586
72	Wood furniture, other than rattan and willow.	23	689	7	43	57	22	560	No 640	Ja 469	636	607	23	6	.....	1,586,093
73	Store and office fixtures	13	379	16	11	10	8	334	De 414	Ja 261	415	347	68	.....	.....	977,493

[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. 15,244,798	Dollars. 18,799,162	Dollars. 90,117,169	Dollars. 1,470,139	Dollars. 2,074,772	Dollars. 13,025,449	Dollars. 506,034,871	Dollars. 14,205,936	Dollars. 745,472,697	Dollars. 225,231,890	242,946	101,494	17,948	7,030	3,862	112,612	53,799	1
327,991	156,642	1,082,273	350	3,149	184,829	2,740,546	81,651	5,959,129	3,136,932	2,396	305	.....	99	.....	1,992	2	2
139,316	48,095	734,426	19,798	9,703	29,552	1,232,251	55,697	2,962,302	1,674,354	2,563	456	.....	437	247	1,423	23	3
79,644	60,657	469,091	9,004	22,129	22,532	796,817	19,624	1,713,008	890,567	552	150	.....	.....	.....	402	58	4
48,196	32,989	126,342	15,690	3,485	7,834	1,141,106	11,407	1,584,005	431,492	161	.....	.....	.....	.....	161	.....	5
134,473	121,874	1,736,347	8,811	187,961	39,918	2,187,167	144,938	5,806,835	3,474,730	3,232	10	.....	803	.....	2,419	4	6
27,801	24,767	62,370	300	12,355	12,089	209,618	3,921	416,680	203,141	91	17	.....	.....	.....	74	.....	7
14,621	84,869	64,865	4,500	8,281	12,596	133,442	2,965	421,508	285,101	92	.....	.....	.....	.....	92	.....	8
62,249	95,074	449,358	3,126	9,000	6,552	2,254,199	15,673	3,017,187	777,315	779	275	.....	.....	.....	504	.....	9
13,344	675	44,265	.....	1,500	1,345	64,752	2,682	179,446	112,012	57	.....	.....	.....	.....	57	.....	10
28,431	11,807	142,137	.....	11,329	52,330	971,072	7,260	1,437,596	459,264	178	60	.....	.....	.....	118	.....	11
29,179	4,135	105,388	.....	2,400	2,112	342,892	7,448	534,632	184,292	621	425	.....	4	.....	192	7	12
19,312	2,608	33,910	.....	280	551	144,998	8,072	224,916	71,846	51	.....	.....	.....	.....	51	.....	13
353,479	787,415	2,973,473	9,777	195,140	339,380	12,092,631	417,960	20,244,067	7,733,476	3,376	698	2	79	1	2,596	608	14
109,378	420,531	748,842	.....	2,985	184,552	2,936,222	64,496	5,833,172	2,832,454	1,214	693	.....	.....	.....	521	588	15
244,101	366,884	2,224,631	9,777	192,155	154,828	9,156,409	353,464	14,410,895	4,901,022	2,162	5	2	79	1	2,075	20	16
365,455	184,193	2,994,261	25,489	21,766	97,465	945,135	1,694,077	8,127,157	5,487,945	18,335	10,823	280	451	.....	6,781	586	17
61,746	17,837	597,795	778	15,139	19,434	122,771	280,368	1,391,090	987,951	4,246	2,400	80	12	.....	1,754	45	18
189,623	72,520	1,481,216	680	3,346	45,512	521,150	852,686	3,928,379	2,554,543	8,838	6,513	200	393	.....	1,732	511	19
88,799	86,193	705,980	21,531	2,081	27,598	239,907	427,146	2,256,864	1,589,811	3,436	1,210	.....	46	.....	2,180	30	20
25,287	7,643	209,270	2,500	1,200	4,921	61,307	133,877	550,824	355,640	1,815	700	.....	.....	.....	1,115	.....	21
41,267	49,487	180,702	142	3,345	6,450	537,177	7,747	1,052,237	507,313	263	130	.....	18	.....	115	.....	22
450,718	310,443	1,678,637	61,371	35,728	276,080	48,946,955	492,526	56,422,287	6,982,806	9,681	5,422	117	781	47	3,314	568	23
239,687	159,925	1,519,448	131,538	16,153	63,696	2,411,221	65,567	5,615,465	3,138,677	2,340	1,595	.....	137	.....	608	7	24
305,228	103,942	875,294	100,000	10,364	252,839	5,147,037	119,315	8,014,770	2,748,418	6,611	4,280	165	40	.....	2,126	495	25
8,980	10,848	53,404	250	3,409	698	26,813	5,290	144,434	112,331	142	.....	.....	24	.....	118	.....	26
44,377	16,759	99,194	.....	1,886	3,748	355,906	10,961	610,999	244,132	438	125	.....	9	.....	304	.....	27
43,104	55,168	332,971	1,565	13,920	14,588	611,497	29,728	1,544,383	903,158	1,251	624	.....	138	.....	489	14	28
43,104	55,108	297,181	1,565	12,211	13,206	554,807	25,424	1,397,468	817,237	1,088	624	.....	83	.....	381	8	29
.....	60	35,790	.....	1,709	1,382	56,690	4,304	146,915	85,921	163	.....	.....	55	.....	108	6	30
28,327	9,185	401,530	7,183	.....	12,971	297,402	14,393	769,566	457,771	538	50	.....	.....	.....	488	8	31
1,409,793	546,479	18,906,237	1,015	.....	105,975	11,221,140	997,830	33,098,600	20,879,630	12,063	7,020	2,418	166	.....	2,459	12,390	32
94,261	194,482	1,515,337	85,233	.....	245,010	3,467,156	1,712,930	8,121,014	2,940,928	17,331	13,725	3,600	6	.....	.....	17,953	33
.....	200	17,342	.....	825	145	243,972	4,794	284,145	35,379	100	93	.....	2	.....	5	.....	34
25,194	21,694	76,927	.....	.....	17,068	250,669	70,076	558,084	237,389	834	225	.....	.....	.....	609	.....	35
29,683	33,729	18,499	.....	2,682	4,597	124,035	1,501	275,517	149,981	105	5	.....	.....	.....	100	.....	36
135,528	152,154	390,985	4,200	22,930	162,885	2,538,270	12,308	3,717,154	1,166,486	239	.....	.....	.....	.....	239	.....	37
25,659	30,056	102,964	.....	190	54,979	589,978	2,733	862,021	269,310	82	.....	.....	.....	.....	82	.....	38
109,869	122,098	288,021	4,200	22,749	107,906	1,948,292	9,665	2,855,133	897,176	157	.....	.....	.....	.....	157	.....	39
144,736	87,978	316,615	.....	4,865	36,700	1,102,856	42,624	2,069,149	923,669	405	275	.....	.....	.....	130	.....	40
90,468	159,987	145,248	.....	20,937	48,502	4,389,311	15,930	5,128,536	773,295	586	110	.....	.....	.....	476	.....	41
72,691	111,812	320,879	.....	6,000	154,649	351,138	21,094	1,648,790	776,558	511	180	.....	.....	.....	331	.....	42
35,999	6,953	60,237	.....	5,644	4,140	755,035	37,559	1,093,716	301,122	354	340	.....	.....	.....	14	.....	43
383,347	635,285	1,285,390	24,037	92,190	519,937	6,681,838	189,065	11,534,628	4,663,725	4,183	1,427	61	312	.....	2,383	182	44
246,084	566,536	878,647	.....	53,592	477,620	4,231,695	95,118	7,566,652	3,239,839	1,889	1,041	.....	.....	.....	848	177	45
137,263	68,749	406,743	24,037	38,598	42,317	2,450,143	93,947	3,967,976	1,423,886	2,294	386	61	312	.....	1,535	5	46
16,320	5,248	115,386	130	543	29,032	490,731	8,710	805,794	306,353	263	192	.....	24	.....	47	.....	47
10,800	1,588	53,613	50	410	26,380	293,405	3,418	469,707	172,884	102	75	.....	20	.....	7	.....	48
5,520	3,660	61,773	80	133	2,652	197,326	5,292	336,087	133,469	161	117	.....	4	.....	40	.....	49
174,407	129,742	913,977	11,683	32,406	71,555	2,601,327	32,568	5,061,989	2,428,094	570	40	.....	54	.....	476	4	50
3,114	8,016	13,971	.....	.....	43	18,120	1,352	54,917	35,445	21	.....	.....	.....	.....	21	.....	51
98,067	125,890	514,371	.....	6,327	78,330	1,836,447	32,130	3,176,981	1,308,404	1,249	550	.....	.....	.....	699	.....	52
9,617	2,813	22,459	.....	3,412	219	136,482	1,172	254,973	117,319	51	.....	.....	.....	.....	51	.....	53
88,450	123,077	491,912	.....	2,915	78,111	1,699,965	30,958	2,922,008	1,191,085	1,198	550	.....	.....	.....	648	.....	54
172,741	175,798	266,330	1,050	19,009	104,400	1,996,225	14,894	3,070,077	1,058,958	161	.....	.....	10	.....	151	.....	55
24,861	16,940	78,735	.....	2,258	2,246	135,625	3,880	280,306	140,801	90	.....	.....	10	.....	80	.....	56
1,800	.....	26,435	.....	2,813	126	11,720	3,221	62,880	47,939	41	.....	.....	.....	.....	41	15	57
578,385	511,213	3,645,977	3,925	16,823	451,623	8,601,234	293,264	17,610,778	8,716,280	7,799	2,085	.....	52	.....	5,662	878	58
10,330	4,597	9,589	.....	3,200	4,084	119,132	1,130	204,876	84,614	11	.....	.....	.....	.....	11	.....	59
199,666	141,705	578,181	1,547	7,555	144,808	18,372,312	240,750	21,324,678	2,711,616	13,729	5,126	.....	1,561	3,183	3,859	530	60
411,179	1,565,920	2,367,626	1,018	11,579	1,573,315	44,824,254	437,687	54,994,131	9,732,190	16,021	755	667	53	.....	14,546	936	61
364,830	1,492,171	2,265,164	.....	.....	1,495,210	42,876,275	417,999	52,194,561	8,900,287	15,431	400	667	.....	.....	14,364	936	62
5,000	2,630	22,155	1,018	4,572	118	420,659	4,915	561,971	136,397	220	155	.....	53	.....	12	.....	63
41,349	71,119	80,307	.....	7,007	77,987	1,527,320	14,773	2,237,599	695,506	370	200	.....	.....	.....	170	.....	64
931,488	549,271	4,062,419	13,964	65,496	345,014	7,704,420	365,774	18,544,774	10,474,580	8,282	2,142	.....	248	.....	5,892	941	65
20,125	8,249	107,501	.....	1,960	4,305	126,702	5,337	383,418	251,379	257	15	.....	10	.....	232	.....	66
95,478	22,811	785,850	.....	6,539	49,549	801,361	104,530	2,136,668	1,230,777	1,203	200	.....	.....	.....	1,003	.....	67
517,814	393,546	1,784,311	13,964	51,754	165,641	3,507,987	144,903	9,573,443	5,920,553	4,033	497	.....	238	.....	3,298	141	68
298,071	124,665	1,384,757	.....	5,243	125,519	3,268,370	111,004	6,451,245	3,071,871	2,789	1,430	.....	.....	.....	1,359	800	69
95,238	71,086	269,730	6,500	18,541	37,129	793,083	11,441	1,845,964	1,041,440	158	10	.....	.....	.....	148	.....	70
147,341	102,089	934,208	318	8,027	72,897	1,598,072	41,074	3,457,059	1,817,913	1,802	1,161	175	.....	.....	466	270	71
118,120	77,311	593,308	250	2,272	57,505	980,318	26,151	2,245,282	1,238,813	1,185	698	175	.....	.....	312	257	72
29,221	24,778	340,900	68	5,755	15,392	617,754	14,923	1,211,777	579,100	617	463	.....	.....	.....	154	13	73

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

TABLE 29.—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	Gas, illuminating and heating	68	1,052	1	101	135	88	727	De 750	Fe 696	816	813	3	.....	.....	20,600,750
2	Gas machines	5	24	1	3	1	2	17	No 20	Ja 14	19	19	.....	.....	.....	129,405
3	Glass, cutting, staining, and ornamenting	5	16	4	.....	.....	.....	12	Oc 17	Ja 3	15	13	.....	2	.....	9,469
4	Gloves and mittens, leather	6	415	5	25	71	24	290	Jy 311	Ja 263	310	125	170	7	8	1,316,008
5	Gloves and mittens, cloth, not including gloves made in textile mills.	6	276	3	10	13	6	244	Ja 321	Se 204	289	36	251	.....	2	661,901
6	Glucose and starch	4	1,168	.....	34	93	34	1,007	Ja 1,431	De 763	1,216	1,183	33	.....	.....	10,548,184
7	Grease and tallow, not including lubricating greases.	29	106	30	4	1	2	69	.....	.....	76	76	.....	.....	.....	354,772
8	Soap stock	25	97	24	4	1	2	66	Oc [2] 73	Ap 60	72	72	.....	.....	.....	319,892
9	All other	4	9	6	.....	.....	.....	3	Se [2] 4	Ja [2] 2	4	4	.....	.....	.....	34,880
10	Hand stamps	7	18	8	.....	.....	.....	10	Se 15	Ja [2] 8	13	11	2	.....	.....	31,783
11	Hardware	10	725	9	38	61	39	578	No 718	Ja 469	711	620	90	1	.....	2,039,362
12	Hats and caps, other than felt, straw, and wool.	4	79	2	5	6	2	63	De 110	My 29	110	23	87	.....	.....	162,678
13	Ice, manufactured	46	661	35	65	32	25	504	Jy 717	De 313	336	333	3	.....	.....	4,620,865
14	Instruments, professional and scientific	4	10	4	.....	.....	1	5	Oc [2] 6	Mh [2] 4	6	6	.....	.....	.....	11,361
15	Iron and steel, tempering, welding, etc.	8	34	11	1	1	2	19	Au 30	Ja [2] 12	20	19	1	.....	.....	59,185
16	Jewelry	18	108	17	11	7	7	66	Se 79	Ja 56	73	67	5	1	.....	161,270
17	Lithographing	4	165	1	13	15	9	127	No 144	My [2] 118	141	97	41	3	.....	323,913
18	Lubricating greases	3	21	.....	.....	7	1	13	Ja 15	No [2] 12	12	12	.....	.....	.....	89,900
19	Lumber and timber products	32	260	31	13	10	3	203	Se 234	Au 179	258	257	1	.....	.....	558,218
20	Lumber, planing-mill products, not including planing mills connected with sawmills.	97	3,934	76	171	336	140	3,211	No 3,633	Ja 2,451	3,639	3,471	144	23	1	12,968,813
21	Marble and stone work	58	403	73	28	43	15	244	.....	.....	264	263	1	.....	.....	1,382,568
22	Monuments and tombstones	49	302	64	24	33	12	169	My 178	Ja 150	178	177	1	.....	.....	1,065,627
23	Other marble and stone work, except slate.	9	101	9	4	10	3	75	Au 102	Fe 41	86	86	.....	.....	.....	316,941
24	Mattresses and spring beds, not elsewhere specified.	15	316	7	25	32	13	239	No 275	Ja 169	275	223	46	4	2	1,104,975
25	Millinery and lace goods, not elsewhere specified.	4	71	2	6	1	15	47	Oc 57	Jy 38	50	5	44	.....	1	123,700
26	Mineral and soda waters	108	430	130	41	32	20	207	Jy 343	Ja 118	215	200	4	11	.....	1,567,747
27	Models and patterns, not including paper patterns.	8	26	8	.....	.....	1	17	Jy [2] 20	Ap 13	17	17	.....	.....	.....	31,515
28	Musical instruments and materials, not elsewhere specified.	4	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,250
29	Optical goods	9	103	5	7	5	15	71	Se 79	Ja [2] 64	60	41	15	2	2	228,527
30	Paints	4	30	.....	8	9	3	10	Jy [2] 11	Ja [2] 8	11	11	.....	.....	.....	203,758
31	Paper and wood pulp	4	151	1	6	5	3	136	Fe 191	Se 70	187	161	26	.....	.....	2,515,745
32	Patent medicines and compounds	90	1,541	68	131	776	173	393	.....	.....	429	239	185	1	4	4,215,997
33	Patent and proprietary medicines	81	1,522	58	130	775	172	387	Se 408	Ja 358	421	232	184	1	4	4,154,750
34	Patent and proprietary compounds, not elsewhere specified.	9	19	10	1	1	1	6	Se 10	Ja [2] 5	8	7	1	.....	.....	61,247
35	Paving materials	21	273	14	18	18	4	219	Se 300	Ja 99	279	279	.....	.....	.....	1,145,814
36	Perfumery and cosmetics	9	225	10	19	61	16	119	De 137	My 109	137	26	111	.....	.....	730,555
37	Photo-engraving	3	30	2	6	.....	3	19	Se 26	Mh 11	23	21	2	.....	.....	40,800
38	Pickles, preserves, and sauces	14	435	9	27	55	33	311	Au 492	Fe 228	329	176	128	3	22	1,985,904
39	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	47	900	55	49	69	38	689	De 1,648	Mh 251	1,430	1,154	268	3	5	2,642,122
40	Printing and publishing, book and job	207	1,775	199	160	27	145	1,244	.....	.....	1,428	902	484	27	15	3,971,693
41	Job printing	191	1,697	188	152	16	134	1,207	De 1,361	Ja 1,134	1,387	869	476	27	15	3,805,327
42	Book publishing and printing	8	40	5	3	10	10	12	Fe [2] 14	Ap [2] 10	13	7	6	.....	.....	74,891
43	Linotype work and typesetting	8	38	6	5	1	1	25	No [2] 28	Fe 20	28	26	2	.....	.....	91,475
44	Printing and publishing, newspapers and periodicals.	774	6,363	826	437	1,050	698	3,352	.....	.....	3,501	2,530	812	150	9	15,545,132
45	Printing and publishing	31	1,003	14	101	265	149	474	De 502	Fe 443	505	456	37	12	.....	2,215,278
46	Printing, publishing, and job printing	679	5,059	787	268	729	413	2,862	De 3,243	Ja 2,717	2,976	2,064	765	138	9	12,474,361
47	Publishing without printing	64	301	25	68	56	136	16	Fe 21	Je [2] 12	20	10	10	.....	.....	855,493
48	Pumps, steam and other power	4	409	.....	16	52	18	323	De 378	Je 271	378	339	20	16	3	1,373,813
49	Refrigerators	3	148	.....	11	7	6	124	De 134	Se 115	134	131	3	.....	.....	445,210
50	Rubber tires, tubes, and rubber goods, not elsewhere specified.	9	977	1	40	59	38	839	Oc 995	Ja 540	1,008	940	68	.....	.....	9,928,488
51	Saddlery and harness	110	618	126	34	51	12	395	Oc 496	Jy 330	379	372	7	.....	.....	3,052,322
52	Sausage, not made in slaughtering and meat-packing establishments.	9	89	8	6	7	5	63	De 75	Ap 53	65	63	2	.....	.....	92,446
53	Shipbuilding, wooden, including boat building.	5	11	6	.....	.....	.....	5	Se 9	Oc 3	6	6	.....	.....	.....	33,680
54	Shirts	4	96	.....	10	6	7	73	Au 85	Fe 64	79	10	68	1	.....	70,347
55	Signs and advertising novelties	17	643	11	35	123	124	350	.....	.....	420	230	182	2	6	1,979,338
56	Electric signs	3	22	4	2	.....	2	14	No [2] 19	Fe 8	17	17	.....	.....	.....	21,022
57	Other signs	7	42	6	2	1	4	29	No 41	Mh 21	38	37	1	.....	.....	109,627
58	Advertising novelties	7	579	1	31	122	118	307	No 404	Fe 204	365	176	181	2	6	1,848,689
59	Slaughtering and meat packing	21	8,965	11	145	1,355	320	7,134	Ja 8,170	Se 6,032	8,051	7,240	793	15	3	59,813,152
60	Soap	7	135	7	14	26	6	82	Se 95	Ap 57	88	61	26	.....	1	1,009,268
61	Stationery goods, not elsewhere specified	3	11	4	3	1	2	1	(4) 1	(4) 1	1	.....	1	.....	.....	14,696
62	Steam fittings and steam and hot-water heating apparatus.	5	245	2	31	26	19	167	Au 176	Mh 157	176	166	10	.....	.....	912,828
63	Stoves and hot-air furnaces	10	554	1	40	69	32	412	Oc 526	My 311	492	491	1	.....	.....	2,913,549
64	Structural ironwork, not made in steel works or rolling mills.	17	319	7	28	46	14	224	Se 281	Mh 147	240	240	.....	.....	.....	1,477,639
65	Tobacco, chewing and smoking, and snuff	6	59	6	3	5	3	42	Fe [2] 45	No 38	43	17	26	.....	.....	344,336

[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. Salaries and wages. Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent and taxes. Rent of factory.	Taxes, Federal, state, county, and local.	For materials. Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	POWER. Primary horsepower. Total.	Owned. 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.								
184,472	217,506	849,497	.....	10,080	324,981	874,171	1,767,102	5,737,627	3,096,354	5,316	3,927	545	147	1	696	1,103	1
5,040	3,156	17,874	.....	1,638	441	23,363	1,149	105,958	81,446	24	.....	.....	.....	.....	24	.....	2
.....	.....	14,903	533	1,924	46	15,377	425	39,717	23,915	8	.....	.....	.....	.....	8	.....	3
89,379	135,809	188,826	180	2,970	14,115	748,799	4,052	1,519,893	767,042	81	30	.....	.....	.....	51	14	4
21,307	11,005	97,937	439	5,030	5,928	521,116	4,662	757,257	231,479	112	.....	.....	.....	.....	112	.....	5
239,476	375,388	1,498,247	.....	344	1,612,199	17,012,556	628,815	24,688,750	7,047,379	8,418	1,741	4,759	4	.....	1,914	5,552	6
16,440	2,169	94,069	5,170	3,028	57,919	365,217	19,557	669,239	284,465	287	207	.....	47	.....	33	.....	7
16,440	2,169	89,375	2,170	2,258	56,969	353,801	18,344	635,432	263,287	265	207	.....	45	.....	13	.....	8
.....	.....	4,694	3,000	770	950	11,416	1,213	33,807	21,178	22	.....	.....	2	.....	20	.....	9
.....	.....	11,100	.....	1,116	93	11,072	374	38,824	27,378	11	.....	.....	.....	.....	11	.....	10
113,104	137,720	581,641	60,000	5,340	65,431	891,299	27,033	2,257,523	1,339,191	531	125	.....	.....	.....	406	.....	11
12,085	5,080	52,007	.....	2,784	983	164,836	950	280,663	114,877	7	.....	.....	.....	.....	7	.....	12
157,449	46,356	539,271	3,029	5,675	56,446	186,727	345,750	1,841,012	1,308,535	5,859	4,140	.....	445	.....	1,274	371	13
.....	650	4,843	501	280	80	7,499	208	21,552	13,755	11	.....	.....	.....	.....	11	.....	14
2,000	2,447	28,967	15	3,270	143	23,440	5,882	91,389	62,067	29	.....	.....	.....	.....	29	.....	15
16,941	7,978	65,393	704	6,111	4,080	86,461	2,675	273,660	184,524	46	.....	.....	.....	.....	46	.....	16
50,492	61,070	146,719	4,490	9,060	8,630	339,557	4,857	744,462	400,048	138	.....	.....	.....	.....	138	.....	17
.....	24,114	13,806	873	50	387	72,586	939	131,565	58,040	72	12	.....	.....	.....	60	.....	18
90,564	31,115	254,201	11,973	2,393	11,211	444,854	11,524	970,684	514,306	1,461	823	15	63	.....	560	.....	19
485,783	683,990	2,789,381	74	18,031	263,565	8,646,970	138,826	16,387,832	7,602,036	9,604	5,643	900	64	.....	2,997	3,329	20
77,607	113,383	339,301	18,238	12,578	17,687	1,000,385	29,682	2,168,561	1,138,494	979	75	.....	19	.....	885	.....	21
68,041	86,005	230,094	18,238	8,411	14,543	777,414	21,100	1,692,947	894,433	478	75	.....	19	.....	384	.....	22
9,566	26,478	109,207	.....	4,167	3,144	222,971	8,582	475,614	244,061	501	.....	.....	.....	.....	501	.....	23
58,347	44,600	272,359	100	8,478	78,986	1,107,822	14,889	1,991,554	868,843	670	94	.....	.....	.....	576	13	24
13,983	13,504	29,315	.....	6,715	14,604	117,263	594	263,724	145,867	8	.....	.....	.....	.....	8	.....	25
81,235	48,121	189,922	5,092	21,743	106,879	798,057	27,528	1,632,801	807,216	416	66	.....	18	.....	332	.....	26
.....	520	28,679	.....	1,270	401	14,925	827	63,288	47,536	30	.....	.....	.....	.....	30	.....	27
.....	.....	.....	.....	276	66	1,166	99	7,704	6,439	3	.....	.....	.....	.....	3	.....	28
.....	.....	.....	.....	7,914	11,491	108,613	1,685	349,955	239,657	31	.....	.....	.....	.....	31	.....	29
22,033	15,407	55,504	.....	3,748	4,759	157,559	2,067	268,434	108,808	90	.....	.....	.....	.....	90	.....	30
28,521	41,049	16,047	.....	.....	6,514	224,252	68,401	612,132	319,479	1,932	1,025	.....	.....	.....	907	3	31
32,400	11,857	141,161	.....	.....	174,596	1,933,126	20,776	6,348,551	4,394,649	864	185	.....	78	.....	606	93	32
264,563	1,180,392	332,404	3,476	26,606	172,899	1,918,910	20,397	6,315,918	4,376,611	837	185	.....	73	.....	579	93	33
264,260	1,178,940	329,092	3,326	26,320	1,697	14,216	379	32,633	18,038	27	.....	.....	.....	.....	27	.....	34
303	1,452	3,312	150	286	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
25,914	23,410	225,312	.....	15,225	2,989	101,096	47,203	464,434	316,135	4,267	2,708	.....	48	.....	1,511	.....	36
53,950	117,013	59,301	.....	6,880	14,950	685,985	4,459	1,239,587	549,143	104	30	.....	.....	.....	74	.....	37
16,613	2,070	24,415	1,414	1,800	39	10,826	760	82,146	70,560	16	.....	.....	2	.....	16	.....	38
63,868	111,487	224,058	314	3,480	40,996	1,445,760	22,825	2,208,457	739,872	338	202	.....	32	.....	134	221	39
95,256	113,382	722,168	.....	23,255	23,793	9,709,566	56,237	11,449,501	1,683,698	1,428	370	.....	.....	.....	1,026	21	
378,306	279,907	1,176,739	35,909	114,813	38,688	1,844,838	59,022	5,209,560	3,305,700	1,440	.....	.....	29	.....	1,411	1	40
370,584	263,630	1,130,839	26,243	110,769	37,861	1,827,239	56,569	5,064,824	3,181,016	1,423	.....	.....	29	.....	1,394	1	41
3,800	14,902	11,734	9,666	2,306	102	8,628	242	65,711	56,841	6	.....	.....	.....	.....	6	.....	42
3,922	1,375	34,166	.....	1,738	725	8,971	2,211	79,025	67,843	11	.....	.....	.....	.....	11	.....	43
1,222,800	1,658,300	3,746,063	470,076	245,771	355,805	5,162,464	303,934	20,430,956	14,964,558	5,353	499	4	445	8	4,397	355	44
299,978	441,523	586,675	14,760	32,291	136,424	994,005	100,163	3,682,175	2,588,007	959	.....	.....	14	.....	945	.....	45
794,006	1,038,542	3,146,999	43,245	187,672	215,654	3,974,899	203,180	15,510,172	11,332,093	4,383	499	4	431	8	3,441	355	46
128,816	178,235	12,389	412,071	25,808	3,727	193,560	591	1,238,609	1,044,458	11	.....	.....	.....	.....	11	.....	47
69,496	78,283	404,731	.....	5,000	44,911	605,347	40,834	1,379,019	732,838	582	.....	.....	.....	.....	582	.....	48
19,080	21,743	138,944	.....	840	10,766	294,990	4,275	566,634	267,369	197	195	.....	.....	.....	2	.....	49
187,077	105,923	1,008,686	11,550	13,321	283,640	3,598,237	121,496	6,333,253	2,613,520	4,293	250	.....	.....	.....	4,043	.....	50
102,955	72,409	493,640	470	28,682	232,016	2,568,298	21,155	4,167,588	1,578,135	409	75	.....	34	.....	300	.....	51
13,625	11,107	73,257	.....	3,060	664	364,175	3,843	502,826	134,808	92	.....	.....	.....	.....	92	.....	52
.....	.....	4,539	30	120	530	15,756	291	36,936	20,889	26	4	.....	16	.....	6	.....	53
.....	.....	40,895	.....	2,565	549	47,438	1,058	141,338	92,842	19	.....	.....	.....	.....	19	.....	54
17,061	16,929	331,487	.....	9,357	29,882	624,122	14,555	2,367,016	1,728,339	232	.....	.....	2	.....	230	.....	55
121,770	551,306	16,265	.....	1,392	42	8,094	248	30,643	22,301	4	.....	.....	2	.....	2	.....	56
3,120	720	34,399	.....	5,326	472	48,351	369	116,578	67,858	33	.....	.....	.....	.....	33	.....	57
3,640	3,458	280,823	.....	2,639	29,368	567,677	13,938	2,219,795	1,638,180	195	.....	.....	.....	.....	195	.....	58
115,010	547,128	8,738,195	211,904	212,158	1,380,394	203,215,931	1,204,755	226,361,698	21,941,012	15,527	10,545	840	.....	.....	4,142	3,284	59
628,962	2,305,072	67,769	.....	255	38,248	983,138	10,290	1,427,489	434,061	140	90	.....	.....	.....	50	.....	60
31,295	69,750	572	4,788	575	113	4,907	190	23,113	18,016	.....	.....	.....	.....	.....	.....	.....	61
1,600	2,867	171,329	.....	630	55,004	380,140	11,634	1,190,257	798,483	393	100	.....	.....	.....	293	100	62
104,967	47,632	546,778	1,475	37,016	62,594	967,736	22,681	3,096,167	2,105,750	636	.....	.....	.....	.....	636	.....	63
192,566	211,269	256,551	2,775	4,440	10,299	984,173	25,414	1,699,473	689,886	990	200	.....	.....	200	590	267	64
96,963	70,346	24,257	24	92,649	29,114	212,582	2,931	432,857	217,344	19	.....	.....	.....	.....	19	.....	65
8,720	23,424																

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

TABLE 29.—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	Tobacco, cigars	211	1,627	228	38	41	15	1,305	No 1,384	Jy 1,230	1,362	593	743	16	10	1,828,071
2	Tools, not elsewhere specified	17	434	14	34	26	17	343			404	359	45			1,383,879
3	Shovels, spades, scoops, and hoes	6	58	6	7	8	2	35	Fe 45	My 29	37	32	5			286,394
4	All other	11	376	8	27	18	15	308	Oc 394	Ap 152	367	327	40			1,097,485
5	Toys and games	5	99	11	1		7	80	Oc 112	Fe 53	109	8	101			33,860
6	Trunks and valises	10	30	12			2	16	Au 18	Ja [3] 15	16	13	3			71,383
7	Wall plaster and composition flooring	7	1,012		21	80	27	884	No 1,160	Ja 577	1,072	1,070		2		2,228,667
8	Washing machines and clothes wringers	14	1,484		130	204	87	1,063	De 1,185	Ja 915	1,189	1,173	13	3		5,803,851
9	Wirework, not elsewhere specified	10	141	8	10	3	6	114	Je 135	Se 84	118	86	32			413,873
10	Wood, turned and carved	8	145	7	10	3	7	118	Je 131	Ja 104	122	115	7			430,220
11	All other industries*	110	6,888	51	296	462	268	5,811								32,830,932

*All other industries embrace—

Artificial flowers	1
Artificial limbs	2
Baking powders and yeast	1
Baskets, and rattan and willow ware	2
Blacking, stains, and dressings	1
Bluing	1
Brushes	2
Butter, reworking	1
Cars, steam-railroad, not including operations of railroad companies	2
Cash registers and calculating machines	2
Cordage and twine	1
Dental goods	2
Engraving, steel and copper plate, including plate printing	1
Explosives	1
Ferroalloys	1
Fertilizers	1
Fireworks	1
Flags and banners	2
Furnishing goods, men's	4
Gas and electric fixtures	2
Glue, other than fish	1
Hair work	1
Iron and steel, steel works and rolling mills	2
Ivory, shell, and bone work, not including combs and hairpins	2
Knit goods	2
Labels and tags	1
Lead, bar, pipe, and sheet	1
Lime	2
Liquors, malt	2
Locomotives, not made by railroad companies	1
Looking-glass and picture frames	1
Machine tools	1

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

1	**DAVENPORT**—All industries	219	5,271	192	352	516	283	3,928	De 4,482	Ja 3,671	4,517	3,301	1,172	20	24	19,943,082
2	Artificial stone products	4	26	5	5		1	15	Jy 25	Ja 0	15	15				60,033
3	Automobile bodies and parts	4	28	5	2	1	1	19	Jy [3] 22	Ja [3] 15	20	20				42,800
4	Automobile repairing	14	122	10	9	14	12	77	Jy 85	Ja 60	82	82				350,405
5	Bread and other bakery products	21	540	20	19	81	40	380	De 426	Mh 345	428	235	190	1	2	1,706,679
6	Butter	3	31		4	8	9	10	Oc 15	Ja [3] 7	11	8	3			557,181
7	Confectionery and ice cream	7	222		23	34	22	143			150	74	76			515,838
8	Confectionery	3	144		8	23	9	104	Se 136	My 74	116	42	74			245,178
9	Ice cream	4	78		15	11	13	39	Jy 55	Ja 26	34	32	2			270,660
10	Foundry and machine-shop products	15	874	26	52	37	22	737	De 824	Je 669	826	785	41			3,284,531
11	Furniture, store and office fixtures	4	20	5		2		13	Oc [3] 16	Ja [3] 9	13	12	1			19,323
12	Marble and stone work, except slate	4	24	8		1		15	Au [3] 20	Fe 10	17	17				93,128
13	Mattresses and spring beds, not elsewhere specified.	4	42	2	5	4	2	29	De 39	Ja 14	38	29	7		2	82,769
14	Mineral and carbonated waters	4	15	5	1	1		8	Jy 13	Ja [3] 5	11	10		1		21,032
15	Printing and publishing, book and job	19	161	24	10	13	4	110	De 130	Je 97	130	61	67	2		299,462
16	Printing and publishing, newspapers and periodicals.	6	200	2	33	69	37	59	No 64	Ja 56	60	57	3			325,419
17	Tobacco, chewing and smoking	3	15	3	1			11	Fe [3] 12	Ja [3] 9	11	4	7			12,521
18	Tobacco, cigars	17	493	17	10	16	11	439	Se 469	Jy 394	450	150	293	4	3	880,413
19	Washing machines and clothes wringers	3	278		27	22	20	209	Se 237	Ja 165	219	206	13			977,470
20	All other industries*	87	2,180	60	151	213	102	1,654			2,036	1,536	471	12	17	10,704,978

*All other industries embrace—

Automobiles	1
Awnings, tents, and sails	1
Blacking, stains, and dressings	1
Bookbinding and blank-book making	1
Boots and shoes	1
Boxes, cigar	2
Boxes, set-up paper boxes	1
Brooms, from broom corn	3
Buttons	5
Carpets, rag	1
Carriages and wagons, repair work only	2
Cars and general shop construction and repairs by electric-railroad companies	1
Chemicals	1
Clothing, men's	2
Coffee, roasting and grinding	1
Copper, tin, and sheet-iron work	2
Electrical machinery, apparatus, and supplies	1
Electroplating	2
Engines, steam, gas, and water	1
Flavoring extracts	1
Flour-mill and gristmill products	4
Food preparations, not elsewhere specified	2
Fur goods	1
Gas and electric fixtures	1
Gas, illuminating and heating	1
Glass, cutting, staining, and ornamenting	2
Hand stamps	1
Ice, manufactured	2
Iron and steel, tempering, welding, etc.	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.						Electric horsepower generated in establishments reporting.	
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							
											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.*								
62,649	65,259	1,019,230	650	44,130	434,483	1,808,951	12,628	3,976,795	2,155,216	56	.....	.....	.....	.....	56	.....	1
107,724	42,571	340,992	.....	4,880	40,523	618,031	29,610	1,467,810	820,169	1,100	350	.....	18	.....	732	158	2
13,732	12,727	35,138	.....	.....	9,547	90,802	5,488	212,984	116,694	210	.....	.....	6	.....	204	.....	3
93,992	29,844	305,854	.....	4,880	30,976	527,229	24,122	1,254,826	703,475	890	350	.....	12	.....	528	158	4
500	3,813	29,280	9,995	636	169	14,235	806	77,699	62,658	16	.....	.....	.....	.....	16	.....	5
.....	1,650	17,772	.....	4,875	880	14,258	380	57,026	42,388	3	.....	.....	.....	.....	3	.....	6
101,274	157,153	889,991	.....	16,098	27,244	648,476	191,819	2,626,390	1,786,095	3,335	1,744	.....	.....	.....	1,591	899	7
362,044	581,315	1,212,683	366	5,480	105,277	4,572,127	56,379	8,814,946	4,186,440	1,418	274	.....	.....	.....	1,144	100	8
36,880	8,509	95,607	.....	4,794	17,989	528,642	9,093	799,886	262,151	252	105	.....	.....	.....	147	84	9
23,108	6,566	90,217	.....	3,030	2,743	135,437	10,469	249,384	103,478	527	170	.....	.....	.....	357	.....	10
942,678	1,134,486	6,281,020	50,045	75,663	1,243,081	23,699,385	970,914	41,470,999	16,800,700	22,044	4,584	3,400	6	175	13,879	1,352	11

Malt	1	Plumbers' supplies, not elsewhere specified	4	Stereotyping and electrotyping	1
Mucilage, paste, and other adhesives, not elsewhere specified	1	Pottery, earthen and stone ware	1	Stoves, gas and oil	1
Musical instruments, organs	1	Printing and publishing, music	1	Sugar, beet	1
Musical instruments, pianos	1	Printing materials	1	Surgical appliances	2
Oil, linseed	2	Pumps, not including power pumps	4	Suspenders, garters, and elastic woven goods	2
Oil, vegetable and composition	2	Roofing materials	5	Textile machinery and parts	1
Paper goods, not elsewhere specified	1	Saws	1	Upholstering materials, excelsior	2
Pens, fountain and stylographic	4	Scales and balances	1	Vinegar and cider	2
Phonographs and graphophones	2	Shipbuilding, steel	1	Windmills	1
Photographic apparatus	2	Show cases	2	Window and door screens	1
Photographic materials	4	Smelting and refining, zinc	1	Wooden goods, not elsewhere specified	2
		Stamped ware, not elsewhere specified	1	Woolen goods	2

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

964,525	928,651	4,308,422	46,830	132,715	683,007	21,026,355	535,440	32,587,229	11,025,434	11,462	4,831	104	95	.....	6,432	1,653	1
8,315	865	15,389	.....	994	704	22,553	575	69,228	46,100	20	.....	.....	3	.....	17	.....	2
4,632	756	26,143	.....	3,045	453	28,120	1,647	72,277	42,510	52	.....	.....	.....	.....	52	.....	3
18,005	29,043	89,585	353	16,133	3,973	403,367	5,270	629,313	220,676	94	.....	.....	22	.....	72	2	4
63,412	150,551	347,148	.....	11,825	121,115	1,524,361	30,764	2,709,338	1,154,213	477	225	.....	25	.....	227	500	5
14,600	15,411	11,223	.....	3,180	7,685	633,506	2,555	911,823	275,762	26	.....	.....	.....	.....	26	.....	6
65,045	50,584	106,807	.....	10,362	26,689	500,326	19,605	977,190	457,259	331	80	.....	.....	.....	251	.....	7
27,030	38,762	73,025	.....	5,722	24,016	266,044	10,905	576,556	299,607	181	80	.....	.....	.....	101	.....	8
38,015	20,822	33,782	.....	4,640	2,673	234,282	8,700	400,634	157,652	150	.....	.....	.....	.....	150	.....	9
132,335	62,147	777,288	12,369	9,455	53,869	2,183,462	56,677	3,840,412	1,600,273	1,361	1,080	.....	12	.....	269	800	10
.....	1,353	17,906	68	1,375	137	13,158	197	41,976	28,621	5	.....	.....	.....	.....	5	13	11
.....	1,363	21,130	.....	635	1,514	59,024	1,540	128,210	67,646	64	.....	.....	.....	.....	64	.....	12
16,719	5,652	32,642	.....	4,644	1,747	105,993	1,944	202,734	94,797	197	5	.....	.....	.....	192	.....	13
812	210	7,517	.....	1,230	1,827	18,119	463	37,120	18,538	15	.....	.....	.....	.....	15	.....	14
25,532	17,900	106,716	625	10,516	2,280	103,511	4,916	389,415	280,988	100	.....	.....	.....	.....	100	.....	15
74,249	76,720	414,629	14,545	2,600	39,701	166,850	65,012	817,980	586,118	158	.....	.....	.....	.....	158	.....	16
1,920	.....	5,397	.....	605	21,000	20,130	220	69,822	49,472	7	.....	.....	.....	.....	7	.....	17
24,851	32,969	333,732	.....	5,598	126,508	445,904	2,701	1,174,814	726,209	16	.....	.....	.....	.....	16	.....	18
91,669	75,214	224,183	.....	120	27,295	772,343	10,109	1,471,755	689,303	416	24	.....	.....	.....	392	.....	19
422,429	398,913	1,740,987	18,870	50,398	243,510	14,025,628	331,245	19,043,822	4,686,949	8,123	3,417	104	33	.....	4,569	338	20

Jewelry	3	Patent medicines and compounds	2	Saddlery and harness	3
Liquors, malt	1	Phonographs and graphophones	1	Sausage, not made in slaughtering and meat-packing establishments	1
Lithographing	2	Photographic apparatus	1	Signs, other than electric	2
Locomotives, not made by railroad companies	1	Photographic materials, motion-picture projection films	1	Slaughtering and meat packing	2
Lumber, planing-mill products, not including planing mills connected with sawmills	5	Pickles and sauces	2	Surgical appliances	1
Malt	1	Pumps, not including power pumps	2	Textile machinery and parts	1
Models and patterns, not including paper patterns	2	Pumps, power, other than steam	1	Trunks and valises	1
Musical instruments and materials, not elsewhere specified	1	Rubber tires, tubes, and rubber goods, not elsewhere specified	1	Wirework, not elsewhere specified	1
				Wooden goods, not elsewhere specified	1

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

TABLE 29.—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.
																Dollars.
1	**DES MOINES**—All industries	379	10,359	236	705	1,416	917	7,085	No 7,959	Fe 6,239	7,967	5,956	1,846	134	31	43,086,558
2	Artificial stone products	5	32	.....	7	4	1	20	No 35	Ja [2] 6	38	38	.....	.....	.....	123,670
3	Automobile bodies and parts	5	218	2	12	6	5	193	No 296	Ap 144	268	265	2	1	.....	583,721
4	Automobile repairing	6	28	5	4	1	1	17	Je [2] 18	Ja 14	17	17	.....	.....	.....	29,141
5	Bookbinding and blank-book making	7	42	7	3	2	1	29	No 35	Mh [2] 26	36	17	18	1	.....	68,165
6	Bread and other bakery products	39	538	34	21	87	37	359	De 425	Ja 310	421	220	160	33	8	1,585,547
7	Brick and tile, terra-cotta, and fire-clay products.	8	331	3	22	7	4	295	Au 401	De 104	382	381	.....	1	.....	1,344,196
8	Butter	4	92	1	7	9	11	64	Je 80	De 52	52	43	9	.....	.....	244,516
9	Cars and general shop construction and repairs by steam-railroad companies.	3	257	.....	9	8	3	237	No 248	Fe 226	247	246	1	.....	.....	208,652
10	Confectionery and ice cream	7	238	2	16	42	10	168	Jy 198	Ja [2] 134	177	62	89	26	.....	603,798
11	Copper, tin, and sheet-iron work	12	153	7	11	13	11	111	Ja 145	Mh 75	142	142	.....	.....	.....	330,635
12	Dairymen's and poultrymen's supplies	3	77	.....	8	9	9	51	Fe 78	Au 25	67	67	.....	.....	.....	137,775
13	Flavoring extracts	3	12	2	1	1	.....	8	Jy 12	De 5	13	11	2	.....	.....	69,058
14	Flour-mill and gristmill products	5	68	3	10	8	7	40	Oc 63	Fe 24	60	57	3	.....	.....	707,428
15	Food preparations, not elsewhere specified.	4	12	2	.....	2	1	7	My 11	Se [2] 4	11	6	5	.....	.....	31,030
16	Foundry and machine-shop products	13	232	6	27	27	10	162	.....	.....	184	176	.....	8	.....	863,829
17	Machine shops	8	160	2	19	25	10	104	No 124	Mh 86	119	119	.....	.....	.....	545,400
18	All other	5	72	4	8	2	.....	58	No 75	My 49	65	57	.....	8	.....	318,429
19	Fur goods	4	140	4	8	21	8	99	Ja 124	Se 70	122	71	51	.....	.....	439,529
20	Furniture	4	135	1	8	14	2	110	De 119	Ja 100	119	114	5	.....	.....	342,768
21	Gloves and mittens, leather	3	195	3	14	42	9	127	Jy 139	Ja 99	136	51	84	.....	1	400,877
22	Jewelry	5	28	6	2	4	1	15	Se 17	Ja [2] 14	15	14	1	.....	.....	22,295
23	Lumber, planing-mill products, not including planing mills connected with sawmills.	10	285	4	21	61	19	180	Je 200	Ja [2] 158	188	188	.....	.....	.....	1,352,294
24	Marble and stone work, except slate	4	93	4	3	19	5	62	Jy 76	Ap 50	67	67	.....	.....	.....	305,297
25	Mineral and carbonated waters	7	33	11	1	5	1	15	Au 28	Ja [2] 9	18	14	.....	4	.....	160,036
26	Patent and proprietary medicines	18	257	7	23	41	41	145	Ja 156	My 132	141	55	86	.....	.....	790,001
27	Printing and publishing, book and job	44	554	35	63	105	39	312	.....	.....	358	246	103	8	1	981,545
28	Job printing	35	502	27	56	101	32	286	De 331	Ja 265	328	222	98	8	.....	896,581
29	Book publishing and printing	4	25	5	2	3	6	9	Oc [2] 11	Ap [2] 7	11	7	3	.....	1	26,546
30	Linotype work and typesetting	5	27	3	5	1	1	17	No [2] 21	Fe [2] 15	19	17	2	.....	.....	58,418
31	Printing and publishing, newspapers and periodicals.	33	1,575	15	116	383	427	634	.....	.....	756	557	184	13	2	4,769,810
32	Printing and publishing	3	285	.....	27	93	30	135	My 149	Fe 117	135	117	11	7	.....	770,804
33	Printing, publishing, and job printing	8	1,174	7	64	250	363	490	De 615	Ja 428	609	436	165	6	2	3,826,362
34	Publishing without printing	22	116	8	25	40	34	9	Au 14	Je [2] 6	12	4	8	.....	.....	172,644
35	Stoves and hot-air furnaces	5	317	1	19	45	22	230	Oc 285	Ja 158	270	270	.....	.....	.....	1,278,100
36	Tobacco, cigars	12	81	12	4	5	.....	60	Oc 65	Ja 49	65	44	20	.....	1	68,805
37	All other industries *	106	4,336	59	265	445	232	3,335	.....	.....	3,597	2,517	1,023	39	18	25,843,140

*All other industries embrace—

Agricultural implements	1	Chemicals	1	Glue, other than fish	1
Artificial flowers	1	Cleansing and polishing preparations	2	Grease, soap stock	1
Artificial limbs	1	Clothing, men's	2	Hair work	1
Awnings, tents, and sails	2	Clothing, women's, suits, skirts, and cloaks	1	Hand stamps	1
Boxes, cigar	1	Coffee, roasting and grinding	2	Hats and caps, other than felt, straw, and wool	1
Boxes, set-up paper boxes	1	Coffins, burial cases, and undertakers' goods	1	Ice, manufactured	2
Brass and bronze products	2	Cooperage, hogsheads and barrels	2	Iron and steel, welding	2
Brooms, from broom corn	5	Druggists' preparations	2	Knit goods	1
Carpets, rag	1	Electroplating	2	Lithographing	2
Cars and general shop construction and repairs by electric-railroad companies	1	Furnishing goods, men's, neckwear	1	Lubricating greases	2
Cash registers and calculating machines	1	Gas, illuminating and heating	1	Lumber and timber products	1
Cement	1	Gas machines	1	Mattresses and spring beds, not elsewhere specified	2
		Glass, cutting, staining, and ornamenting	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.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—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]			
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
2,304,110	3,132,968	7,558,837	336,336	362,377	1,341,622	31,687,293	1,603,269	59,830,954	26,540,392	17,341	6,590	1,750	40	.....	8,961	5,069	1
16,275	2,545	26,380	.....	2,030	679	50,271	1,795	107,236	55,170	62	.....	.....	5	.....	57	.....	2
24,935	23,400	211,479	.....	5,999	9,695	224,058	6,465	574,246	343,723	294	150	.....	.....	.....	144	.....	3
6,300	1,020	24,090	.....	5,030	358	16,875	2,740	81,450	61,835	26	.....	.....	.....	.....	26	.....	4
6,765	1,319	22,574	.....	4,280	294	22,688	785	87,923	64,450	31	.....	.....	.....	.....	31	.....	5
55,780	180,816	328,623	.....	22,277	66,889	1,685,272	50,526	2,943,716	1,207,918	295	48	.....	3	.....	244	.....	6
48,769	17,676	382,674	.....	17,081	10,715	87,645	229,705	1,002,393	685,043	1,529	995	.....	.....	.....	534	25	7
39,683	19,697	65,596	.....	5,286	12,780	1,862,738	15,923	2,252,730	374,069	146	55	.....	.....	.....	91	.....	8
25,320	12,352	274,625	.....	.....	8,043	141,864	14,299	474,316	318,153	120	68	.....	.....	.....	52	.....	9
50,405	57,815	176,450	22,767	9,425	35,200	916,792	21,393	1,510,456	572,271	513	150	.....	.....	.....	363	42	10
34,186	25,828	137,346	.....	4,042	33,951	276,488	4,445	662,520	381,587	71	.....	.....	9	.....	62	.....	11
20,540	16,449	47,935	.....	2,014	2,372	157,502	1,713	330,280	171,065	36	.....	.....	.....	.....	36	.....	12
2,080	1,597	7,316	.....	2,700	3,734	36,937	856	62,887	25,094	10	.....	.....	.....	.....	10	.....	13
34,813	12,799	42,608	.....	1,058	3,768	1,311,107	17,441	1,487,513	158,965	615	.....	.....	.....	.....	615	.....	14
.....	2,086	7,513	.....	1,899	57	41,484	1,374	64,565	21,707	10	.....	.....	.....	.....	10	.....	15
71,785	43,161	216,953	.....	7,502	26,086	406,435	10,409	976,286	559,442	350	.....	.....	7	.....	343	.....	16
44,670	43,161	131,070	.....	5,565	10,618	288,419	6,629	703,305	408,257	274	.....	.....	7	.....	267	.....	17
27,115	.....	85,883	.....	1,937	15,468	118,016	3,780	272,981	151,185	76	.....	.....	.....	.....	76	.....	18
18,328	23,844	117,944	.....	3,800	7,426	427,858	4,481	839,670	407,331	36	.....	.....	.....	.....	36	.....	19
18,622	16,432	123,881	.....	4,720	7,420	233,210	5,437	476,377	237,730	812	545	150	.....	.....	117	.....	20
46,697	46,702	100,369	.....	2,700	4,516	482,083	2,522	768,104	283,499	55	30	.....	.....	.....	25	.....	21
2,400	750	13,495	.....	2,399	340	4,311	204	44,417	39,902	6	.....	.....	.....	.....	6	.....	22
62,502	127,429	187,345	.....	5,030	45,532	710,877	13,698	1,462,703	738,128	490	220	.....	.....	.....	270	.....	23
13,189	59,357	100,297	.....	3,185	5,026	184,275	5,015	438,232	248,942	176	.....	.....	.....	.....	176	.....	24
1,800	5,573	15,072	.....	2,126	9,089	80,484	1,543	132,709	50,682	29	.....	.....	.....	.....	29	.....	25
67,111	105,450	107,116	.....	7,544	60,056	414,424	6,084	1,479,227	1,058,719	215	185	.....	.....	.....	30	93	26
147,730	116,595	306,215	15,767	36,617	9,980	465,471	12,789	1,438,131	959,871	341	.....	.....	.....	.....	341	.....	27
141,008	109,978	276,847	11,745	34,491	9,357	453,841	11,040	1,352,287	887,406	327	.....	.....	.....	.....	327	.....	28
2,800	5,242	9,854	4,022	1,252	82	7,378	283	42,521	34,860	7	.....	.....	.....	.....	7	.....	29
3,922	1,375	19,514	.....	874	541	4,252	1,466	43,323	37,605	7	.....	.....	.....	.....	7	.....	30
377,456	952,639	751,354	180,239	46,425	177,808	1,839,084	43,942	7,877,532	5,994,506	1,388	315	.....	.....	.....	1,073	150	31
92,372	149,546	166,897	.....	8,296	74,931	443,272	8,291	1,408,170	956,607	325	.....	.....	.....	.....	325	.....	32
241,823	689,247	578,159	4,275	28,157	102,374	1,352,409	35,561	6,001,934	4,613,964	1,059	315	.....	.....	.....	744	150	33
43,261	113,846	6,298	175,964	9,972	503	43,403	90	467,428	423,935	4	.....	.....	.....	.....	4	.....	34
77,933	157,505	319,502	1,475	36,680	16,689	449,416	10,578	1,266,884	806,890	317	.....	.....	.....	.....	317	.....	35
4,800	4,300	53,563	.....	7,137	22,626	100,156	965	214,351	113,230	11	.....	.....	.....	.....	11	.....	36
1,027,906	1,097,742	3,390,522	116,088	113,391	759,893	19,057,488	1,116,142	30,774,100	10,600,470	9,357	3,829	1,600	16	.....	3,912	4,759	37

Millinery and lace goods, not elsewhere specified... 2
Models and patterns, not including paper patterns. 2
Mucilage, paste, and other adhesives, not elsewhere specified... 1
Oil, linseed... 1
Optical goods... 1
Paints... 1
Perfumery and cosmetics... 2
Photo-engraving... 1
Photographic materials... 2
Pickles and sauces... 1
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments... 1
Printing materials... 1
Pumps, power, other than steam... 1
Refrigerators... 1
Roofing materials... 2
Rubber tires, tubes, and rubber goods, not elsewhere specified... 3
Saddlery and harness... 4
Sausage, not made in slaughtering and meat-packing establishments... 1
Shirts... 1
Signs and advertising novelties... 5
Slaughtering and meat packing... 1
Soap... 1
Stationery goods, not elsewhere specified... 2
Stereotyping and electrotyping... 1
Stoves, gas and oil... 1
Structural ironwork, not made in steel works or rolling mills... 3
Suspenders, garters, and elastic woven goods... 1
Tools, machinists'... 1
Trunks and valises... 1
Washing machines and clothes wringers... 1
Windmills... 2
Wirework, not elsewhere specified... 1
Wood, turned and carved... 1

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

TABLE 29.—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	**SIOUX CITY**—All industries	251	9,224	192	440	1,391	452	6,749	Ja 7,068	My 6,419	7,022	5,897	1,114	7	4	*Dollars.* 44,920,420
2	Artificial stone products	3	14	2	3	.....	1	8	Se 21	Do 0	6	6	.....	.....	.....	55,092
3	Automobile bodies and parts	6	57	8	3	1	1	44	Jy[3] 51	Mh 30	43	39	3	1	.....	114,144
4	Automobile repairing	33	185	40	14	6	10	115	Se 138	Do 98	119	114	5	.....	.....	226,987
5	Bread and other bakery products	24	460	27	31	47	32	323	No 366	Ap 288	361	227	133	.....	1	1,047,794
6	Brooms, from broom corn	3	44	4	2	.....	.....	38	Au[3] 45	Ja[3] 32	44	27	17	.....	.....	39,050
7	Cars and general shop construction and repairs by steam-railroad companies.	3	769	.....	32	12	8	717	De 761	Au 671	739	731	8	.....	.....	1,091,551
8	Coffee, roasting and grinding	4	85	1	10	34	1	39	Oc 46	Jy 33	41	12	29	.....	.....	420,438
9	Confectionery and ice cream	11	249	13	25	18	4	189	.....	.....	229	65	162	1	1	741,450
10	Confectionery	7	215	10	17	15	3	170	No 286	My 124	212	51	160	.....	1	562,940
11	Ice cream	4	34	3	8	3	1	19	Jy[3] 24	Ja 15	17	14	2	1	.....	178,510
12	Copper, tin, and sheet-iron work	10	191	7	29	16	8	131	Oc 163	Mh 108	154	150	4	.....	.....	613,554
13	Druggists' preparations	3	130	.....	23	12	6	89	Jy 106	De 66	84	78	6	.....	.....	782,696
14	Flour-mill and gristmill products	5	69	.....	11	8	4	46	De 59	Jy 35	60	59	1	.....	.....	1,259,439
15	Food preparations, not elsewhere specified	3	16	3	2	.....	.....	11	My 14	Je 8	10	5	5	.....	.....	23,242
16	Foundry and machine-shop products	9	117	5	11	5	4	92	.....	.....	105	103	2	.....	.....	336,014
17	Machine shops	6	59	4	5	4	2	44	Jy 48	De 39	44	43	1	.....	.....	137,403
18	All other	3	58	1	6	1	2	48	De 60	Au 37	61	60	1	.....	.....	198,551
19	Fur goods	5	30	7	3	.....	3	17	Ja[3] 20	Au 13	15	5	9	.....	1	56,274
20	Lumber, planing-mill products, not including planing mills connected with sawmills.	5	216	2	20	22	13	159	Au 191	Ja 110	165	161	3	1	.....	873,926
21	Mineral and soda waters	4	39	1	11	8	4	15	Au 25	Ja 7	17	17	.....	.....	.....	201,314
22	Optical goods	3	15	2	2	1	2	8	Ja[3] 9	Se[3] 7	7	6	1	.....	.....	85,583
23	Patent medicines and compounds	4	16	2	2	6	2	4	Ap[3] 6	Jy[3] 3	4	4	.....	.....	.....	43,752
24	Printing and publishing, book and job	17	138	15	15	7	11	90	.....	.....	98	70	27	1	.....	316,623
25	Job printing	14	130	13	15	7	9	86	Ja 90	Ap[3] 84	93	65	27	1	.....	297,827
26	All other	3	8	2	.....	.....	2	4	(4) 4	(4) 4	5	5	.....	.....	.....	18,796
27	Printing and publishing, newspapers and periodicals.	11	449	4	30	105	49	261	No 280	Au 242	278	242	34	2	.....	977,503
28	Saddlery and harness	6	49	4	4	6	.....	35	Mh[3] 39	No 23	36	33	3	.....	.....	355,220
29	Slaughtering and meat packing	5	4,280	2	39	905	217	3,117	Ja 3,459	Se 2,646	3,229	2,828	401	.....	.....	23,431,543
30	Tobacco, cigars	9	40	10	.....	1	.....	29	De 36	Fe[3] 26	38	23	14	1	.....	28,673
31	All other industries *	65	1,566	33	118	171	72	1,172	.....	.....	1,140	892	247	.....	1	11,798,558

*All other industries embrace—

Automobiles	1
Awnings, tents, and sails	2
Boxes, cigar	1
Boxes, wooden packing, except cigar boxes	1
Brick	2
Butter	2
Carpets, rag	1
Cars and general shop construction and repairs by electric-railroad companies	1
Cars, steam-railroad, not including operations of railroad companies	1
Cleansing preparations	1
Clothing, men's	3
Clothing, women's, suits, skirts, and cloaks	1
Coffins, burial cases, and undertakers' goods	1
Condensed milk	1
Cooperage, hogsheads and barrels	1
Cordage and twine	1
Electrical machinery, apparatus, and supplies	1
Electroplating	1
Fertilizers	1
Flavoring extracts	2
Gas, illuminating and heating	1
Gloves and mittens, cloth, not including gloves made in textile mills	1
Grease, soap stock	1
Hand stamps	1

	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
1	BOONE	39	468	41	23	10	25	369	No 381	Ap 352	379	259	113	4	3	1,384,985
2	BURLINGTON	97	2,738	62	163	152	87	2,274	De 2,487	Ja 2,024	2,485	1,683	758	20	24	8,697,928
3	CEDAR RAPIDS	208	8,637	180	316	1,389	463	6,284	Ja 6,840	Mh 5,659	7,069	5,905	1,145	15	4	39,055,539
4	CLINTON	119	4,184	82	190	319	141	3,452	No 3,727	Mh 3,072	3,717	3,146	557	12	2	17,072,603
5	COUNCIL BLUFFS	111	2,471	89	163	212	116	1,891	Se 2,065	Ja 1,689	2,095	1,743	350	2	.....	7,222,405
6	DUBUQUE	131	7,261	106	254	472	282	6,147	No 6,770	Ja 5,587	6,837	5,598	1,179	20	40	23,913,326
7	FORT DODGE	80	1,966	63	93	119	86	1,605	No 1,988	Fe 1,198	1,947	1,546	399	2	.....	7,673,825
8	FORT MADISON	34	1,206	35	30	48	64	1,029	De 1,180	Ja 825	1,206	958	246	.....	2	8,232,600
9	IOWA CITY	49	517	56	56	53	30	322	Se 390	Ja 251	439	298	141	.....	.....	1,905,336
10	KEOKUK	71	2,399	53	134	490	124	1,598	No 1,793	Ja 1,478	1,723	1,369	327	18	9	8,058,798
11	MARSHALLTOWN	62	1,733	53	138	129	75	1,338	Se 1,559	Fe 1,170	1,590	1,398	188	4	.....	6,373,708
12	MASON CITY	59	2,731	42	88	168	66	2,367	Je 2,704	Fe 1,692	2,583	2,439	123	19	2	15,668,194
13	MUSCATINE	146	3,055	154	118	166	95	2,522	De 2,834	Ja 2,180	2,892	2,211	599	28	54	8,812,354
14	OTTUMWA	94	3,074	75	105	236	57	2,601	De 2,867	Ap 2,376	2,872	2,333	523	10	6	20,885,513
15	WATERLOO	161	5,839	116	335	387	381	4,620	Mh 5,317	Au 3,135	5,418	4,782	571	64	1	21,612,376

[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.

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. 1,262,528	*Dollars.* 2,480,419	*Dollars.* 8,946,731	*Dollars.* 233,920	*Dollars.* 178,590	*Dollars.* 1,160,262	*Dollars.* 123,946,667	*Dollars.* 1,314,757	*Dollars.* 146,393,134	*Dollars.* 21,131,710	14,572	7,873	765	35	.....	5,899	2,550	1
4,670	1,200	9,924	.....	955	119	14,827	483	30,088	15,378	61	.....	.....	.....	.....	61	.....	2
3,500	1,072	48,056	.....	4,793	1,140	65,978	2,059	164,842	96,805	52	.....	.....	.....	.....	52	.....	3
27,770	17,733	172,806	3,729	23,834	1,634	203,796	9,036	564,658	351,826	176	.....	.....	.....	.....	176	.....	4
61,651	149,354	292,965	.....	16,555	39,687	1,228,517	48,725	2,115,042	837,800	528	160	.....	.....	.....	368	.....	5
4,240	.....	33,218	.....	2,060	494	80,147	584	135,615	54,884	18	.....	.....	.....	.....	18	.....	6
83,145	26,321	1,099,108	.....	.....	4,267	297,225	27,887	1,530,887	1,205,775	1,394	545	375	30	.....	444	.....	7
13,515	19,153	33,954	.....	6,794	3,918	1,282,212	2,595	1,410,641	125,834	91	.....	.....	.....	.....	91	.....	8
52,360	10,758	135,107	.....	8,664	89,498	696,257	17,581	1,100,391	386,553	457	110	50	.....	.....	297	75	9
32,569	6,280	109,755	.....	4,860	88,302	516,196	9,552	820,795	295,047	266	110	.....	.....	.....	156	75	10
19,800	4,478	25,352	.....	3,804	1,196	180,061	8,029	279,596	91,506	191	.....	50	.....	.....	141	.....	11
44,850	32,089	135,341	65	3,543	9,800	269,142	6,529	837,451	561,780	90	40	.....	.....	.....	50	.....	12
87,605	24,270	128,282	.....	5,310	56,925	920,212	5,972	1,317,016	390,832	69	.....	.....	.....	.....	69	.....	13
35,452	18,070	63,714	750	213	11,023	1,869,557	24,781	2,050,918	156,580	1,002	600	.....	.....	.....	402	.....	14
1,125	.....	10,353	.....	604	22	57,471	1,578	77,132	18,053	14	.....	.....	.....	.....	14	.....	15
23,655	9,799	124,114	.....	4,167	5,126	100,133	6,934	328,882	221,815	182	.....	.....	.....	.....	182	.....	16
10,255	5,839	62,047	.....	2,880	2,891	24,508	3,514	148,284	120,262	50	.....	.....	.....	.....	50	.....	17
13,400	3,960	62,067	.....	1,287	2,235	75,625	3,420	180,598	101,553	132	.....	.....	.....	.....	132	.....	18
11,350	4,660	14,430	400	5,047	1,492	77,455	977	192,710	114,278	16	10	.....	.....	.....	6	.....	19
60,776	36,463	214,292	74	241	24,128	373,213	15,154	805,121	416,754	632	125	.....	5	.....	502	214	20
28,274	11,633	24,121	.....	1,550	15,702	129,126	1,510	244,597	113,961	42	.....	.....	.....	.....	42	.....	21
6,015	3,000	9,435	.....	2,394	697	27,433	350	63,843	36,060	9	.....	.....	.....	.....	9	.....	22
953	6,455	6,129	.....	1,921	2,272	20,808	207	40,613	19,598	59	.....	.....	.....	.....	59	.....	23
33,894	18,089	97,832	10,255	10,901	2,123	129,102	5,551	376,394	241,741	142	.....	.....	.....	.....	142	1	24
33,894	15,920	89,831	9,355	10,347	2,004	128,024	5,291	353,074	219,759	140	.....	.....	.....	.....	140	1	25
.....	2,160	8,001	900	554	119	1,078	260	23,320	21,982	2	.....	.....	.....	.....	2	.....	26
82,892	154,380	341,642	5,412	24,247	17,623	712,769	9,838	1,705,168	982,561	468	125	.....	.....	.....	343	160	27
4,950	2,800	37,442	.....	5,043	4,437	257,509	1,213	364,393	105,671	27	.....	.....	.....	.....	27	.....	28
218,881	1,592,790	4,477,240	211,784	3,940	449,241	105,324,344	561,974	116,088,503	10,202,185	4,877	3,165	340	.....	.....	1,372	1,590	29
.....	707	23,460	.....	2,327	7,808	61,632	604	113,933	51,637	4	.....	.....	.....	.....	4	.....	30
370,996	339,623	1,413,766	1,451	43,487	411,086	9,747,802	562,575	14,733,696	4,423,319	4,162	2,993	.....	.....	.....	1,169	510	31

Hats and caps, other than felt, straw, and wool	2	Oil, linseed	1	Shirts	1
Ice, manufactured	2	Paints	2	Signs, other than electric	1
Instruments, optical	1	Pens, fountain and stylographic	2	Soap	1
Jewelry	2	Perfumery and cosmetics	1	Structural ironwork, not made in steel works or rolling mills	3
Marble and stone work, except slate	2	Photo-engraving	1	Tools, machinists'	1
Mattresses and spring beds, not elsewhere specified	2	Pickles and sauces	1	Trunks and valises	1
Millinery, trimmed hats and hat frames	1	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	2	Vinegar and cider	1
Models and patterns, not including paper patterns	1	Rubber tires, tubes, and rubber goods, not elsewhere specified	2		
Musical instruments and materials, not elsewhere specified	1				

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

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.	
79,792	36,264	375,368	1,064	13,552	61,916	668,413	30,524	1,549,837	850,900	437	140	15	4	.....	278	.....	1
397,492	359,628	2,169,579	2,839	28,390	626,107	6,559,673	222,550	12,090,058	5,307,835	4,875	3,193	46	11	.....	1,625	243	2
1,164,338	2,460,842	6,474,326	144,002	112,353	2,291,371	71,232,932	832,997	92,118,386	20,052,457	19,814	2,530	2,010	17	.....	15,257	2,245	3
615,808	628,003	4,089,984	5,247	34,513	1,490,891	18,710,369	634,764	30,321,143	10,976,010	9,884	5,426	3,372	31	.....	1,055	7,202	4
413,577	568,006	2,473,553	8,373	36,806	186,057	5,262,616	279,690	10,610,664	5,068,358	3,978	1,696	63	58	.....	2,161	141	5
772,675	917,589	6,024,031	59,698	167,218	1,023,953	19,521,899	429,989	34,277,085	14,325,197	10,861	3,867	956	20	.....	6,018	3,582	6
252,509	384,185	1,395,115	500	33,316	137,469	6,910,258	287,421	10,884,039	3,686,360	4,178	1,713	737	280	.....	1,448	947	7
144,876	361,747	987,387	500	6,770	183,183	2,531,167	111,756	4,836,291	2,193,368	3,527	178	.....	65	.....	3,284	.....	8
88,867	93,201	268,014	5,925	14,490	15,526	862,291	63,519	1,767,313	841,503	880	260	1	.....	.....	619	118	9
356,649	813,831	1,549,192	2,589	13,634	512,325	11,534,574	381,933	17,554,816	5,638,309	7,527	2,197	.....	16	.....	5,314	8	10
414,205	274,542	1,506,188	6,835	27,792	124,244	4,792,975	183,679	8,642,468	3,665,814	2,578	928	.....	.....	.....	1,650	496	11
279,586	397,152	2,859,093	18,053	24,649	319,028	21,245,848	1,808,601	29,512,534	6,458,085	18,078	13,472	2,000	.....	.....	2,606	12,456	12
361,600	275,038	2,101,945	128,521	38,143	146,652	5,537,924	159,737	10,753,750	5,056,089	4,162	3,038	.....	53	.....	1,071	236	13
350,586	372,000	2,877,232	12,021	236,855	787,395	36,108,262	392,849	45,029,524	8,528,413	5,509	3,665	.....	4	.....	1,840	1,725	14
810,519	937,482	5,791,251	116,751	92,526	269,297	22,747,406	645,208	35,481,225	12,088,611	9,910	3,355	160	392	.....	6,003	479	15

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