REPORTS FOR STATES, WITH STATISTICS FOR PRINCIPAL CITIES

ALABAMA.

GENERAL STATISTICS.

General character of the state.—Alabama has a gross area of 51,998 square miles, of which 51,279 represent land surface. The inhabitants of the state in 1900 numbered 1,828,697; in 1910, 2,138,093; and in 1920, 2,348,174. Alabama ranked eigtheenth among the states in total population in 1920. The number of inhabitants per square mile was 41.7 in 1910; the corresponding figure for 1920 being 45.8.

There were 10 cities in the state—Anniston, Bessemer, Birmingham, Dothan, Florence, Gadsden, Mobile, Montgomery, Selma, and Tuscaloosa—having more than 10,000 inhabitants in 1920. These cities, the combined population of which in that year was 382,340, formed 16.3 per cent of the total population for Alabama, and in 1919 reported 47.8 per cent of the state's manufactured products.

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

Statistics for the state by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. The statistics for this census, however, emphasize the importance of Jefferson County, which reported 27 per cent of the total number of wage earners and 39.6 per cent of the total value of products for the 67 counties in the state. Bessemer and Birmingham are in this county.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading in indicating their importance from a manufacturing standpoint. In some instances 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 32.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 400 wage earners in 1919, and for which statistics can be shown without 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).—Each of the seven cities for which comparative figures are presented in this table shows increases between 1914 and 1919 in value of products and male and female wage earners 16 years of age and over, but a decrease in wage earners under 16 years of age. Mobile shows the highest percental increase both for total number of wage earners and value of products.

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 census years 1919, 1914, and 1909.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, this table gives similar data for males and females for all industries combined for the state and for cities of 10,000 inhabitants or more, and also the number of females for industries in which a large number of females were employed. There were six industries in the state in 1919 in which the number of female wage earners predominated; data for two such industries—"cordage and twine" and "knit goods"—are presented in this table.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Alabama. In that year 8.6 per cent of the wage earners were included in the group "48 and under" as against 20.6 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 70.9 per cent of the total number of wage earners as compared with 49.4 per cent in 1919. The most radical changes occurred in the "cars and general shop construction and repairs by steam-railroad companies" and "lumber and timber products" industries.

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, 94.5 were in the several classes reporting fewer than 101 wage earners, while such establishments em-

ployed but 32 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 5.5 per cent of the total number of manufacturing establishments in the state, but reported 68 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 two or more groups of an 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 25.8 per cent of the number of establishments in Alabama in 1919, they reported 83.5 per cent of the average number of wage earners and 88.9 per cent of the total value of products. During the five-year period 1914–1919, the average number of wage earners employed by corporations increased 28,407, or 46.5 per cent, while the value of products of corporations increased $282,585,242, or 181.9 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows very slight change in the relative importance in manufactures of the different groups of cities and the state outside the cities for the three census periods for which data is presented in this table. The greatest proportional increase is shown for the group of cities having from 10,000 to 25,000 inhabitants, owing to the addition of three cities—Dothan, Florence, and Tuscaloosa—since 1914.

Principal industries in Birmingham and Mobile, with per cent of total for state (Table 16).—This table includes all industries in Birmingham and Mobile having products of $500,000 and over; the figures, with increases over 1914, being given for those which can be shown without disclosing the operations of individual establishments.

It is deemed of first importance to present the statistics for 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 continued decrease in the proportion of owned horsepower and increase in that of rented (electric) power are presented in this table. Although each kind of power shows an increase from 1914 to 1919, that for owned was 24.8 per cent as compared with 152 per cent for rented.

Fuel consumed (Table 18).—This table shows the total quantities of the principal kinds of fuel used by manufacturing plants in the state and cities 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	3,654	3,242	3,398	1,882	2,000	12.7	−4.6	80.6	−5.9
Persons engaged	120,889	89,053	81,972	67,884	(2)	35.7	8.6	20.8	.....
Proprietors and firm members	3,914	3,310	3,769	1,948	(2)	18.2	−12.2	93.5	.....
Salaried employees	9,816	7,026	6,055	3,763	2,259	39.7	16.0	60.9	66.6
Wage earners (average number)	107,159	78,717	72,148	62,173	52,711	36.1	9.1	16.0	18.0
Primary horsepower	628,376	445,762	357,837	293,185	173,208	41.0	24.6	22.1	69.3
Capital	$455,592,733	$227,505,432	$173,180,038	$105,382,859	$60,165,904	100.3	31.4	64.3	75.2
Salaries and wages	117,633,205	42,348,200	33,849,235	25,745,590	16,971,074	177.8	25.1	31.5	51.7
Salaries	18,567,405	8,451,329	6,564,969	3,867,139	2,059,391	119.7	28.7	69.8	87.8
Wages	99,065,800	33,896,871	27,284,266	21,878,451	14,911,683	192.3	24.2	24.7	46.7
Paid for contract work	2,177,015	846,840	1,469,883	914,404	(2)	157.1	−42.4	60.7	.....
Rent and taxes	10,289,027	1,968,761	1,239,654	[3] 617,823	(2)	422.6	58.8	.....	.....
Cost of materials	300,664,290	107,411,434	83,442,518	60,458,368	37,998,233	179.9	28.7	38.0	59.1
Value of products	492,730,895	178,797,633	145,961,638	109,169,922	72,109,929	175.6	22.5	33.7	51.4
Value added by manufacture [4]	192,066,605	71,386,199	62,519,120	48,711,554	34,111,696	169.1	14.2	28.3	42.8

[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.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state	3,654	107,159	$99,065,800	$10,289,027	$300,664,290	$492,730,895	$192,066,605	628,376
Autauga	21	890	677,881	67,067	646,679	1,998,376	1,351,697	1,794
Baldwin	46	589	433,567	20,815	703,911	1,621,618	917,707	828
Barbour	53	882	432,700	50,391	2,241,761	3,248,552	1,006,791	2,632
Bibb	49	456	306,020	4,394	363,833	1,087,114	723,281	1,698
Blount	39	268	312,991	14,409	210,816	715,277	504,461	1,577
Bullock	14	168	81,406	10,850	1,028,422	1,336,271	307,849	891
Butler	35	1,861	1,081,626	38,746	1,299,263	2,988,534	1,689,271	2,855
Calhoun	102	4,340	3,655,819	665,150	11,160,404	18,334,906	7,174,502	21,658
Chambers	16	3,505	2,506,816	939,027	12,762,245	19,975,685	7,213,440	19,830
Cherokee	22	144	109,828	4,141	407,878	538,797	130,919	1,082
Chilton	61	414	294,015	10,858	199,149	779,756	580,607	2,381
Choctaw	49	1,310	1,172,974	73,370	806,900	3,095,780	2,288,880	5,548
Clarke	45	1,507	1,147,844	49,302	921,436	2,858,544	1,937,108	4,927
Clay	58	321	283,105	6,800	430,862	887,214	456,352	4,631
Cleburne	32	122	76,446	948	58,659	230,119	171,460	855
Coffee	39	411	259,619	17,512	1,152,567	1,779,912	627,345	1,895
Colbert	40	911	1,246,646	81,022	3,885,015	6,048,103	2,163,088	7,071
Conecuh	36	434	273,750	3,873	305,535	851,651	546,116	1,848
Coosa	31	326	224,381	17,816	181,215	647,676	466,461	1,621
Covington	86	2,285	1,777,552	186,705	5,151,877	8,831,002	3,679,125	7,613
Crenshaw	40	224	167,680	5,458	213,987	508,304	294,317	2,025
Cullman	58	142	114,367	11,153	682,380	988,689	306,309	1,551
Dale	37	327	182,829	61,103	1,160,406	1,691,880	531,474	1,373
Dallas	63	2,116	1,691,049	142,620	6,886,163	10,361,126	3,474,963	6,969
Dekalb	39	382	192,826	36,673	1,272,273	1,694,345	422,072	964
Elmore	45	599	465,864	21,817	1,189,901	2,195,281	1,005,380	3,122
Escambia	47	2,636	1,580,845	82,609	1,243,250	4,059,672	2,816,422	5,017
Etowah	80	4,666	4,951,765	324,732	17,541,132	25,426,417	7,885,285	40,121
Fayette	40	479	396,041	7,713	686,318	1,539,056	852,738	2,479
Franklin	36	173	150,384	3,782	167,338	489,898	322,560	1,681
Geneva	55	502	385,830	14,994	495,603	1,363,074	867,471	2,231
Greene	23	393	327,112	2,919	271,652	970,307	698,655	1,717
Hale	40	661	462,317	15,388	402,646	1,378,019	975,373	2,330
Henry	12	69	48,774	2,081	290,318	618,109	327,791	554
Houston	50	485	424,907	59,469	1,869,541	2,911,367	1,041,826	2,127
Jackson	49	479	347,919	14,070	574,257	1,201,882	627,625	1,764
Jefferson	440	28,909	33,008,687	3,654,338	132,658,659	195,198,634	62,539,975	290,262
Lamar	44	259	293,002	15,366	505,044	1,080,439	575,395	2,127
Lauderdale	37	756	608,182	74,410	2,331,607	3,843,355	1,511,748	4,187
Lawrence	14	27	20,459	405	16,452	66,980	50,528	344
Lee	28	333	229,565	57,960	1,294,155	2,047,781	753,626	1,803
Limestone	37	191	139,224	8,915	511,123	849,516	338,393	1,305
Lowndes	11	31	20,209	434	25,843	106,886	81,043	318
Macon	18	92	60,847	2,374	163,806	482,533	318,727	855
Madison	66	3,757	2,269,144	854,955	9,211,608	14,396,271	5,184,663	13,745
Marengo	50	733	534,179	15,928	796,244	1,963,869	1,167,625	3,503
Marion	37	161	139,873	1,385	238,786	540,538	301,752	1,074
Marshall	32	90	52,079	7,912	385,769	526,494	140,725	741
Mobile	209	11,161	12,789,617	563,876	16,990,481	37,311,103	20,320,622	33,550
Monroe	38	923	770,806	43,780	701,001	1,948,124	1,247,123	2,636
Montgomery	114	3,986	3,665,880	494,602	14,901,996	23,273,699	8,371,703	14,273
Morgan	59	2,492	2,942,538	82,450	4,076,485	8,045,089	3,968,604	4,631
Perry	44	529	383,364	11,300	1,045,235	2,361,691	1,316,456	3,127
Pickens	95	1,390	1,123,732	29,302	942,465	3,305,612	2,363,147	6,949
Pike	33	467	276,217	35,175	1,998,642	2,661,658	663,016	2,347
Randolph	53	1,314	810,151	101,165	3,429,932	5,060,662	1,630,730	3,744
Russell	16	508	274,002	6,607	187,129	802,504	615,375	466
St. Clair	60	802	554,663	210,512	2,320,577	3,951,207	1,630,630	3,647
Shelby	74	1,023	799,466	32,326	2,228,151	3,785,042	1,556,891	5,323
Sumter	33	849	670,542	59,591	468,899	1,687,171	1,218,272	3,589
Talladega	88	3,058	1,996,237	366,597	8,116,234	12,704,444	4,588,210	22,617
Tallapoosa	83	1,838	1,257,319	160,713	5,037,081	8,041,080	3,003,999	9,892
Tuscaloosa	104	3,244	2,928,014	203,861	7,222,146	12,976,281	5,754,135	12,451
Walker	47	1,018	733,517	86,877	2,390,298	3,991,064	1,600,766	3,796
Washington	52	1,049	950,708	20,843	973,100	2,880,287	1,907,187	3,924
Wilcox	31	654	493,660	10,208	534,184	1,425,435	891,251	1,941
Winston	19	38	24,422	5,083	95,566	163,133	67,567	549

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	3,654	107,159	100.0	$492,731	100.0	$192,067	100.00
Cotton goods	58	18,102	16.9	79,643	16.2	28,304	14.7
Iron and steel, steel works and rolling mills	9	8,121	7.6	64,980	13.2	15,646	8.1
Iron and steel, blast furnaces	21	5,214	4.9	57,018	11.6	12,147	6.3
Lumber and timber products	1,685	25,778	24.1	55,139	11.2	39,180	20.4
Oil and cake, cottonseed	47	2,067	1.9	31,715	6.4	5,440	2.8
Coke, not including gas-house coke	28	3,533	3.3	24,669	5.0	6,041	3.1
Cars and general shop construction and repairs by steam-railroad companies	20	8,665	8.1	21,234	4.3	13,478	7.0
Iron and steel, cast-iron pipe	21	5,285	4.9	18,784	3.8	9,323	4.9
Shipbuilding, steel	4	5,254	4.9	15,910	3.2	9,603	5.0
Fertilizers	40	1,136	1.1	11,625	2.4	4,049	2.1
Foundry and machine-shop products	90	2,732	2.5	11,531	2.3	6,159	3.2
Slaughtering and meat packing	9	549	0.5	6,125	1.2	1,237	0.6
Turpentine and rosin	174	3,014	2.8	5,892	1.2	4,108	2.1
Lumber, planing-mill products, not including planing mills connected with sawmills	82	1,028	1.0	5,702	1.2	1,841	1.0
Bread and other bakery products	108	794	0.7	5,433	1.1	1,872	1.0
Mineral and soda waters	129	713	0.7	5,322	1.1	2,635	1.4
Printing and publishing, newspapers and periodicals	156	697	0.7	$5,055	1.0	$3,503	1.8
Knit goods	10	1,655	1.5	4,757	1.0	1,482	0.8
Flour-mill and gristmill products	143	152	0.1	4,565	0.9	717	0.4
Confectionery and ice cream	39	485	0.5	3,249	0.7	1,489	0.8
Food preparations, not elsewhere specified	14	160	0.1	3,118	0.6	560	0.3
Brick and tile, terra-cotta, and fire-clay products	42	1,359	1.3	3,088	0.6	2,055	1.1
Oil, not elsewhere specified	9	270	0.3	3,052	0.6	364	0.2
Cordage and twine	4	475	0.4	2,221	0.5	650	0.3
Ice, manufactured	59	553	0.5	2,066	0.4	1,306	0.7
Printing and publishing, book and job	76	592	0.5	1,995	0.4	1,226	0.6
Copper, tin, and sheet-iron work	33	319	0.3	1,991	0.4	784	0.4
Automobile, repairing	132	480	0.4	1,743	0.4	1,102	0.6
Gas, illuminating and heating	12	522	0.5	1,646	0.3	884	0.5
Clothing, men's	9	394	0.4	1,552	0.3	490	0.3
Coffee, roasting and grinding	10	64	0.1	1,400	0.3	272	0.1
Lime	10	291	0.3	1,149	0.2	508	0.3
Structural ironwork, not made in steel works or rolling mills	4	212	0.2	1,143	0.2	443	0.2
All other industries [1]	367	6,584	6.1	28,189	5.7	13,169	6.9

[1] Among the industries for which statistics can not be shown separatley without the possibility of disclosing the operations of individual establishments are five having products in excess of some for which figures are shown in the table. These industries are as follows: "Cars, steam-railroad, not including operations of railroad companies"; "cement"; "coal-tar products"; "engines, steam, gas, and water"; and "steam fittings and steam and hot-water heating apparatus."

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

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	120,889	109,069	11,820	90.2	9.8
	1914	89,053	81,490	7,563	91.5	8.5
	1909	81,972	75,066	6,906	91.6	8.4
Proprietors and officials	1919	8,018	7,891	127	98.4	1.6
	1914	6,182	6,102	80	98.7	1.3
	1909	6,598	6,544	54	99.2	0.8
Proprietors and firm members	1919	3,914	3,835	79	98.0	2.0
	1914	3,310	3,255	55	98.3	1.7
	1909	3,769	3,727	42	98.9	1.1
Salaried officers of corporations	1919	1,215	1,183	32	97.4	2.6
	1914	935	919	16	98.3	1.7
	1909	862	853	9	99.0	1.0
Superintendents and managers	1919	2,889	2,873	16	99.4	0.6
	1914	1,937	1,928	9	99.5	0.5
	1909	1,967	1,964	3	99.8	0.2
Clerks and other subordinate salaried employees	1919	5,712	4,395	1,317	76.9	23.1
	1914	4,154	3,591	563	86.4	13.6
	1909	3,226	2,836	390	87.9	12.1
Wage earners (average number)	1919	107,159	96,783	10,376	90.3	9.7
	1914	78,717	71,797	6,920	91.2	8.8
	1909	72,148	65,686	6,462	91.0	9.0
16 years of age and over	1919	106,621	96,517	10,104	90.5	9.5
	1914	75,584	69,849	5,735	92.4	7.6
	1909	68,495	63,413	5,082	92.6	7.4
Under 16 years of age	1919	538	266	272	49.4	50.6
	1914	3,133	1,948	1,185	62.2	37.8
	1909	3,653	2,273	1,380	62.2	37.8

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

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	107,159	90.1	9.4	0.5
	1914	78,717	88.7	7.3	4.0
	1909	72,148	87.9	7.0	5.1
Automobile repairing	1919	480	99.6	.....	0.4
	1914	136	99.3	.....	0.7
Bread and other bakery products	1919	793	69.7	29.4	0.9
	1914	651	77.9	20.4	1.7
Brick and tile, terra-cotta, and fire-clay products.	1919	1,359	98.8	0.6	0.6
	1914	1,599	96.8	.....	3.2
Cars and general shop construction and repairs by steam-railroad companies.	1919	8,665	99.6	0.4	(1)
	1914	7,908	99.7	0.1	0.2
Coke, not including gas-house coke	1919	3,533	100.0	.....	.....
	1914	2,209	98.7	.....	1.3
Confectionery and ice cream	1919	486	65.8	33.7	0.4
	1914	283	75.6	22.3	2.1
Cordage and twine	1919	475	46.3	53.7	.....
	1914	460	55.9	31.7	12.4
Cotton goods	1919	18,102	60.8	37.5	1.7
	1914	13,697	51.3	32.0	16.7
Fertilizers	1919	1,136	98.9	0.8	0.3
	1914	1,416	99.9	.....	0.1
Foundry and machine-shop products [2]	1919	2,765	99.6	0.4	(1)
	1914	1,866	99.0	0.3	0.8
Gas, illuminating and heating	1919	522	100.0	.....	.....
	1914	214	100.0	.....	.....
Ice, manufactured	1919	553	97.3	0.5	2.2
	1914	478	92.9	.....	7.1
Iron and steel, blast furnaces	1919	5,214	99.7	0.3	.....
	1914	3,547	99.0	.....	1.0
Iron and steel, steel works and rolling mills [3]	1919	8,121	99.7	0.3	.....
Iron and steel, cast-iron pipe	1919	5,285	99.7	0.3	.....
	1914	3,696	99.0	.....	1.0
Knit goods	1919	1,655	33.5	63.7	2.8
	1914	781	25.9	58.5	15.6
Lumber and timber products	1919	25,778	99.4	0.5	0.2
	1914	21,646	99.3	(1)	0.7
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,028	98.2	1.6	0.2
	1914	886	94.5	4.2	1.4
Mineral and soda waters	1919	713	92.1	6.2	1.7
	1914	520	95.6	0.2	4.2
Oil and cake, cottonseed	1919	2,067	93.8	6.2	(1)
	1914	2,028	99.8	0.2	.....
Printing and publishing, book and job	1919	502	72.7	26.9	0.4
	1914	455	81.1	14.7	4.2
Printing and publishing, newspapers and periodicals.	1919	697	88.5	5.9	5.6
	1914	831	84.7	5.7	9.6
Shipbuilding, steel [3]	1919	5,254	99.6	0.4	.....
Slaughtering and meat packing	1919	549	88.9	11.1	.....
	1914	122	98.4	.....	1.6
Turpentine and rosin	1919	3,014	99.1	0.3	0.6
	1914	3,411	99.0	.....	1.0
All other industries	1919	8,413	88.8	10.8	0.4
	1914	9,877	95.0	3.8	1.2

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

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

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. Total. 1919	1914	1909	16 years of age and over. Male. 1919	1914	1909	Female. 1919	1914	1909	Under 16 years of age. 1919	1914	1909	VALUE OF PRODUCTS. 1919	1914	1909
Anniston	2,685	2,327	2,167	2,247	1,829	1,727	422	341	273	16	157	167	$11,104,935	$4,365,381	$4,332,890
Bessemer	2,107	1,772	1,753	2,100	1,766	1,746	7	.....	.....	.....	6	7	18,442,946	6,022,933	5,800,625
Birmingham	17,264	10,863	8,999	16,353	10,280	8,373	895	464	444	16	119	182	127,214,048	43,144,221	24,128,214
Dothan	236	.....	.....	206	.....	.....	30	.....	.....	.....	.....	.....	1,766,656	.....	.....
Florence	744	.....	.....	523	.....	.....	209	.....	.....	12	.....	.....	3,797,664	.....	.....
Gadsden	2,852	2,065	786	2,820	2,026	777	32	21	.....	.....	18	9	13,825,604	4,582,830	1,525,091
Mobile	8,223	2,604	2,362	7,968	2,422	2,240	231	135	76	24	47	46	27,410,702	5,855,070	5,428,894
Montgomery	3,658	2,539	2,284	3,132	2,264	2,008	501	232	217	25	43	59	21,101,835	7,779,530	5,442,287
Selma	1,703	1,145	813	1,340	907	780	349	155	9	14	83	24	9,483,626	4,023,593	2,382,249
Tuscaloosa	404	.....	.....	395	.....	.....	4	.....	.....	5	.....	.....	1,560,612	.....	.....

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

MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909	MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909
January	104,837	80,668	70,620	89.1	97.1	90.7	July	103,013	79,646	68,902	87.6	95.9	88.5
February	102,802	81,479	70,394	87.4	98.1	90.4	August	107,229	79,181	72,193	91.2	95.3	92.7
March	103,668	83,080	71,048	88.1	100.0	91.3	September	112,526	78,750	75,507	95.7	94.8	97.0
April	103,838	81,555	69,168	88.3	98.2	88.8	October	115,740	76,231	77,196	98.4	91.8	99.2
May	99,828	79,208	67,641	84.9	95.3	86.9	November	116,331	73,252	77,854	98.9	88.2	100.0
June	*98,474*	78,532	*67,561*	83.7	94.5	86.8	December	117,622	*73,022*	77,686	100.0	87.9	99.8

[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	107,159	104,837	102,802	103,668	103,838	99,828	*98,474*	103,013	107,229	112,526	115,740	116,331	**117,622**	83.7
Males	96,783	94,655	92,529	93,433	93,836	89,752	*88,561*	92,932	96,826	102,013	104,965	105,321	**106,773**	82.8
Females	10,376	10,182	10,273	10,235	*10,002*	10,076	10,113	10,081	10,403	10,513	10,775	11,010	**10,849**	90.8
Automobile repairing	480	*418*	445	452	464	488	487	496	501	**500**	492	507	510	82.0
Bread and other bakery products	793	753	749	741	*736*	*736*	792	801	818	827	832	862	**869**	84.7
Brick and tile, terra-cotta, and fire-clay products	1,359	1,368	1,340	1,350	*1,296*	1,381	1,298	1,314	1,424	1,398	**1,427**	1,383	1,329	90.8
Cars and general shop construction and repairs by steam-railroad companies	8,665	8,947	9,008	9,026	8,889	8,543	*7,643*	7,856	8,403	8,671	8,916	8,974	**9,104**	84.0
Coke, not including gas-house coke	3,533	3,773	3,785	3,545	3,511	3,297	*3,000*	3,282	3,545	**3,876**	3,785	3,573	3,424	77.4
Confectionery and ice cream	486	*422*	451	460	466	478	466	523	542	**567**	547	462	448	74.4
Cordage and twine	475	433	446	446	447	485	528	522	538	528	*412*	440	475	76.6
Cotton goods	18,102	17,747	18,011	17,579	*17,431*	17,835	17,927	17,971	18,744	18,457	18,562	18,870	**18,090**	92.4
Fertilizers	1,136	1,130	1,519	2,212	1,998	1,018	737	774	816	789	827	872	940	33.3
Foundry and machine-shop products	2,732	2,611	2,588	2,606	*2,552*	2,583	2,711	2,859	2,846	2,904	2,902	**2,916**	2,706	87.5
Gas, illuminating and heating	522	507	524	526	520	*496*	497	550	528	519	518	521	**558**	88.9
Ice, manufactured	553	361	*357*	393	500	588	680	726	759	726	614	518	414	47.0
Iron and steel, blast furnaces	5,214	**6,435**	5,781	5,583	4,995	*4,009*	4,245	4,989	5,363	5,580	5,389	5,185	5,014	62.3
Iron and steel, steel works and rolling mills	8,121	**8,595**	8,400	8,249	8,555	8,021	*7,720*	8,067	8,144	7,845	7,745	8,052	8,059	89.8
Iron and steel, cast-iron pipe	5,285	3,830	*3,551*	3,719	4,189	4,539	4,598	5,777	6,010	6,496	6,900	6,863	**6,948**	51.1
Knit goods	1,655	1,646	1,652	1,653	1,648	1,655	1,625	*1,621*	1,634	1,666	**1,691**	1,679	1,690	95.9
Lumber and timber products	25,778	23,536	22,813	23,509	23,570	*22,461*	22,960	24,018	25,330	28,286	30,018	30,396	**32,439**	69.2
Lumber, planing-mill products, not including planing mills connected with sawmills	1,028	833	*829*	909	936	973	920	1,024	1,118	1,144	1,206	**1,231**	1,213	67.3
Mineral and soda waters	713	*581*	588	629	679	745	796	816	818	802	742	700	660	71.0
Oil and cake, cottonseed	2,067	2,731	2,658	2,389	1,965	1,442	*1,014*	1,025	1,019	1,924	2,759	2,899	**2,979**	34.0
Printing and publishing, book and job	502	*450*	470	489	493	498	504	507	512	520	523	522	536	84.0
Printing and publishing, newspapers and periodicals	697	*668*	680	682	702	705	675	684	679	716	717	721	735	90.9
Shipbuilding, steel	5,254	5,284	*4,551*	4,813	5,431	5,317	4,849	5,077	5,293	5,483	5,612	5,606	**5,752**	78.8
Slaughtering and meat packing	549	**626**	615	546	533	507	523	531	518	487	542	570	590	77.8
Turpentine and rosin	3,014	*2,784*	2,814	2,911	3,007	3,036	3,092	3,121	**3,149**	3,143	3,096	3,035	2,980	88.4
All other industries	8,446	8,368	8,197	8,251	8,325	*7,992*	8,187	8,082	8,178	8,672	8,966	8,974	**9,160**	87.3
Industries showing large proportion of females.														
Bread and other bakery products	234	237	223	216	216	*206*	240	235	225	250	247	**262**	251	78.6
Confectionery and ice cream	164	*128*	153	163	144	147	140	173	193	198	203	170	156	63.1
Cordage and twine	255	230	238	241	249	266	292	272	281	281	*214*	241	255	73.3
Cotton goods	7,032	6,875	6,911	6,833	*6,716*	6,930	6,986	6,992	7,213	7,151	7,264	**7,381**	7,132	91.0
Knit goods	1,080	1,077	1,084	1,081	1,074	1,076	1,060	*1,055*	1,059	1,085	1,105	1,097	**1,109**	95.0
Oil and cake, cottonseed	128	230	216	239	181	56	32	25	*20*	60	142	166	169	8.4
Printing and publishing, book and job	135	*120*	131	133	135	137	136	132	134	137	138	140	**147**	81.6
Total for cities	39,876	39,678	38,171	38,316	38,933	37,562	*36,939*	39,345	40,079	41,640	42,661	42,457	**42,731**	86.4
Males	37,179	37,080	35,554	35,666	36,337	34,964	*34,284*	36,674	37,315	38,827	39,836	39,664	**39,947**	85.8
Females	2,697	2,598	2,617	2,650	*2,596*	2,598	2,655	2,671	2,764	2,813	**2,825**	2,793	2,784	91.9
ANNISTON	2,685	2,535	2,267	2,238	2,232	2,277	*2,010*	2,515	2,965	3,155	3,251	3,374	**3,401**	59.1
Males	2,258	2,116	1,843	1,811	1,820	1,852	*1,586*	2,086	2,536	2,727	2,830	2,939	**2,950**	53.8
Females	427	419	424	427	*412*	425	424	429	429	428	421	435	**451**	91.4
BESSEMER	2,107	1,853	*1,774*	1,939	1,941	1,945	1,972	2,214	2,246	2,375	**2,457**	2,276	2,292	72.2
Males	2,100	1,845	*1,766*	1,931	1,933	1,938	1,966	2,209	2,238	2,370	**2,449**	2,269	2,286	72.1
Females	7	8	8	8	8	7	6	*5*	8	5	8	7	6	62.5
BIRMINGHAM	17,264	17,299	16,984	16,442	16,785	*16,109*	16,344	17,550	17,420	17,754	18,180	**18,202**	18,099	88.5
Males	16,369	16,424	16,114	15,593	15,957	*15,280*	15,495	16,686	16,523	16,822	**17,222**	17,202	17,110	88.7
Females	895	875	870	849	*828*	829	849	864	897	932	958	**1,000**	989	82.8
DOTHAN	236	200	223	257	251	*180*	187	215	220	255	**286**	278	280	62.9
Males	206	168	193	225	224	*156*	163	190	196	228	**250**	234	246	62.0
Females	30	32	30	32	27	25	*24*	25	24	27	36	**44**	34	54.5
FLORENCE	744	797	786	693	747	693	*674*	700	779	773	770	764	752	84.6
Males	528	581	573	479	534	470	*457*	487	560	553	555	549	538	78.7
Females	216	216	*213*	214	*213*	223	217	*213*	219	220	215	215	214	95.5
GADSDEN	2,852	2,729	2,721	2,862	*2,689*	2,696	2,710	2,902	2,982	3,000	2,943	2,944	**3,046**	88.3
Males	2,820	2,677	2,674	2,815	*2,647*	2,654	2,673	2,899	2,958	2,977	2,926	2,921	**3,019**	87.7
Females	32	52	47	47	42	42	37	*3*	24	23	17	23	27	5.8
MOBILE	8,223	8,385	*7,473*	7,857	8,428	8,213	7,874	7,853	8,016	8,408	8,735	8,672	**8,762**	85.3
Males	7,992	8,208	*7,269*	7,615	8,225	8,016	7,658	7,646	7,783	8,168	8,459	8,380	**8,477**	85.7
Females	231	*177*	204	242	203	197	216	207	233	240	276	**292**	285	60.6
MONTGOMERY	3,658	3,741	3,802	3,920	3,795	3,454	*3,270*	3,382	3,459	3,757	3,767	3,717	3,832	83.4
Males	3,157	3,279	3,346	3,443	3,292	2,974	*2,755*	2,813	2,888	3,177	3,235	3,285	3,397	80.0
Females	501	462	456	477	503	480	515	569	571	580	532	*432*	435	74.5
SELMA	1,703	1,786	1,756	1,712	1,687	1,650	*1,546*	1,599	1,573	1,727	**1,825**	1,767	1,808	84.7
Males	1,349	1,433	1,395	1,362	1,331	1,284	*1,183*	1,247	1,218	1,373	1,467	1,426	**1,469**	80.5
Females	354	353	361	350	356	*366*	363	352	355	354	358	341	*339*	92.6
TUSCALOOSA	404	353	385	396	378	*345*	352	415	419	436	447	**463**	459	74.5
Males	400	349	381	392	374	*341*	348	411	415	432	443	459	**455**	74.3
Females	4	4	4	4	4	4	4	4	4	4	4	4	**4**	.....

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	107,159	3,316	757	17,999	4,006	5,170	22,947	38,170	14,794
	1914	78,717	(2)	(2)	6,765	1,564	9,804	4,777	36,131	19,676
	1909	72,148	(2)	(2)	4,083	1,312	7,423	2,267	32,109	24,954
Automobile repairing	1919	480			37	10	139	87	190	17
	1914	136					23	29	68	16
Bread and other bakery products	1919	793	24	85	199	101	108	64	175	37
	1914	651	(2)	(2)	187		232		167	65
Brick and tile, terra-cotta, and fire-clay products	1919	1,359	108	8	11	19	137	341	547	188
	1914	1,599	(2)	(2)	129		37	173	1,203	57
Cars and general shop construction and repairs by steam-railroad companies.	1919	8,665			7,200	125		1,120	220	
	1914	7,908	(2)	(2)	612	69	5,929		79	1,228
Coke, not including gas-house coke	1919	3,533			181			277	1,122	1,953
	1914	2,209	(2)	(2)	71		371		463	1,304
Confectionery and ice cream	1919	486	134	35	19	10	133	4	32	119
	1914	283	(2)	(2)	31	73		6	94	79
Cordage and twine	1919	475						157	318	
	1914	460							338	122
Cotton goods	1919	18,102			416		242	11,949	5,202	293
	1914	13,697				136		672	11,782	1,107
Fertilizers	1919	1,136					150	508	303	175
	1914	1,416	(2)	(2)	3	10	31	102	1,020	250
Foundry and machine-shop products [3]	1919	2,765	1		677	187	542	322	849	187
	1914	1,866	(2)	(2)	73	73	459	404	857	
Gas, illuminating and heating	1919	522			93			28	235	166
	1914	214							10	204
Ice, manufactured	1919	553			15		24	25	85	404
	1914	478				7			10	461
Iron and steel, blast furnaces	1919	5,214			302				2,445	2,467
	1914	3,547							1,544	2,003
Iron and steel, steel works and rolling mills [4]	1919	8,121					203	1,542	4,091	2,285
Iron and steel, cast-iron pipe	1919	5,285	293		739		1,580	1,456	1,217	
	1914	3,696	(2)	(2)	113		795	802	1,986	
Knit goods	1919	1,655				216		1,124	315	
	1914	781						174	607	
Lumber and timber products	1919	25,778	1,741	394	371	1,864	559	2,994	14,393	3,462
	1914	21,646	(2)	(2)	1,055	532	213	1,306	9,762	8,778
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,028	36		78	28	148	175	546	17
	1914	886	(2)	(2)	9	31	214	98	529	5
Mineral and soda waters	1919	713	17	7	86	37	207	59	300	
	1914	520	(2)	(2)	56	16	31	18	378	21
Oil and cake, cottonseed	1919	2,067					90		231	1,746
	1914	2,028	(2)	(2)	17	2		25	207	1,777
Printing and publishing, book and job	1919	502	2	8	464	11	10		6	1
	1914	455	(2)	(2)	305	36	105	4	5	
Printing and publishing, newspapers and periodicals	1919	697	7		495	79	70	4	28	14
	1914	831	(2)	(2)	365	42	230	40	85	69
Shipbuilding, steel [4]	1919	5,254			3,962				1,292	
Slaughtering and meat packing	1919	549	1		10		7		481	50
	1914	122							101	21
Turpentine and rosin	1919	3,014	543	128	121	611	325	66	1,220	
	1914	3,411	(2)	(2)	2,027	144	152	40	919	129
All other industries	1919	8,413	409	92	2,523	708	496	645	2,327	1,213
	1914	9,877	(2)	(2)	1,712	402	982	884	3,917	1,980
Total for cities	1919	39,876	587	241	11,435	1,125	3,683	5,243	12,403	5,159
	1914	23,315	(2)	(2)	2,379	665	4,418	2,214	8,598	5,041
ANNISTON	1919	2,685	1		334	11	527	1,328	233	251
	1914	2,327	(2)	(2)	148	8	43		1,732	396
BESSEMER	1919	2,107			307	5	506	5	490	794
	1914	1,772	(2)	(2)	14	13	814	4	571	356
BIRMINGHAM	1919	17,264	243	194	3,066	611	1,795	2,226	6,336	2,793
	1914	10,863	(2)	(2)	1,420	276	1,013	1,698	4,888	1,568
DOTHAN [4]	1919	236	5		11	17	29	15	90	69
FLORENCE [4]	1919	744	7		37	110	246	247	44	53
GADSDEN	1919	2,852			691	2	81	94	1,810	174
	1914	2,065	(2)	(2)	120	17	633	33	231	1,031
MOBILE	1919	8,223	142		5,522	198	276	64	1,837	184
	1914	2,604	(2)	(2)	452	227	1,341	28	294	262
MONTGOMERY	1919	3,658	39	41	1,235	111	60	906	647	619
	1914	2,539	(2)	(2)	161	53	517	449	495	864
SELMA	1919	1,703	149	6	80	56	143	358	689	222
	1914	1,145	(2)	(2)	64	71	57	2	337	564
TUSCALOOSA [4]	1919	404	1		152	4	20		227	

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

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	3,654	107,159	272	1,862	4,098	868	9,853	306	9,952	146	10,348	120	19,314	44	15,936	20	13,646	16	24,012
Automobile repairing	132	480	6	107	280	18	176	1	24										
Bread and other bakery products	108	793	11	72	152	18	198	3	88	3	239	1	116						
Brick and tile, terra-cotta and fire-clay products	42	1,359		11	44	13	161	10	353	5	300	2	248	1	253				
Cars and general shop construction and repairs by steam-railroad companies	20	8,665		1	4			2	85	1	68	5	815	6	2,520	3	1,793	2	3,380
Coke, not including gas-house coke	28	3,533		3	5	6	94	8	239	5	398	2	368	3	1,352			1	1,077
Confectionery and ice cream	39	486	4	20	46	11	127	2	60			2	253						
Cordage and twine	4	475						1	35	2	157			1	283				
Cotton goods	58	18,102				1	15	5	168	9	610	22	3,724	10	3,686	8	5,743	3	4,156
Fertilizers	40	1,136		21	71	1	10	10	382	7	524	1	149						
Foundry and machine-shop products	90	2,732	7	35	89	20	209	13	482	5	305	10	1,647						
Gas, illuminating and heating	12	522		5	24	3	32	1	23	1	87	2	356						
Ice, manufactured	59	553	2	25	63	27	291	4	127	1	72								
Iron and steel, blast furnaces	21	5,214						2	45	5	391	9	1,351	3	1,098	1	981	1	1,348
Iron and steel, steel works and rolling mills	9	8,121										3	494	2	750	1	982	3	5,895
Iron and steel, cast-iron pipe	21	5,285								5	341	8	1,291	6	1,990	1	516	1	1,147
Knit goods	10	1,655						1	25	3	205	3	529	3	896				
Lumber and timber products	1,685	25,778	52	1,000	2,019	440	5,119	104	3,266	46	3,218	31	5,041	6	2,263	4	2,372	2	2,480
Lumber, planing-mill products, not including planing mills connected with sawmills	82	1,028	1	33	83	34	406	12	394	2	145								
Mineral and soda waters	129	713	8	85	250	32	305	3	97	1	61								
Oil and cake, cottonseed	47	2,067		2	5	12	175	20	661	9	569	4	657						
Printing and publishing, book and job	76	502	13	36	76	21	203	5	129	1	94								
Printing and publishing, newspapers and periodicals	156	697	37	97	194	13	113	8	307	1	83								
Shipbuilding, steel	4	5,254														1	725	3	4,529
Slaughtering and meat packing	9	549		2	5	2	17	2	76	1	80	2	371						
Turpentine and rosin	174	3,014	4	37	111	82	914	43	1,346	7	506	1	137						
All other industries	599	8,446	127	270	577	114	1,288	46	1,540	26	1,895	12	1,767	3	845	1	534		
Total for cities	815	39,876	51	327	805	214	2,479	88	3,054	51	3,750	52	8,286	19	6,819	6	3,568	7	11,115
ANNISTON	48	2,685	2	14	42	14	156	5	163	3	264	7	1,215	3	845				
BESSEMER	34	2,107	5	17	46	2	27	3	95	1	93	2	289	4	1,557				
BIRMINGHAM	329	17,264	19	123	294	84	1,002	40	1,413	27	1,937	25	4,044	5	1,824	3	1,718	3	5,032
DOTHAN	30	236	1	19	54	7	76	3	106										
FLORENCE	26	744	4	10	36	6	68	3	93			3	547						
GADSDEN	39	2,852	3	19	50	7	59	3	93	2	144	3	418			1	534	1	1,554
MOBILE	147	8,223	11	69	149	43	520	6	256	7	517	5	648	1	288	2	1,316	3	4,529
MONTGOMERY	97	3,658	4	30	65	30	343	18	547	8	614	3	578	4	1,511				
SELMA	41	1,703	2	15	40	13	133	4	172	2	127	3	437	2	794				
TUSCALOOSA	24	404		11	29	8	95	3	116	1	54	1	110						

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	3,654	3,242	3,398	107,159	78,717	72,148	$492,730,895	$178,797,633	$145,961,638	$192,066,605	$71,386,199	$62,519,120
Less than $5,000	1,070	1,464	1,614	1,145	3,997	4,226	2,650,410	3,203,477	3,484,496	1,797,521	2,229,279	2,493,709
$5,000 to $20,000	1,125	935	1,002	4,736	8,190	9,128	11,794,521	9,591,553	10,232,102	7,591,306	6,116,679	7,048,024
$20,000 to $100,000	916	518	493	13,580	12,682	12,983	38,806,005	23,162,341	21,920,233	23,307,154	11,913,236	11,275,069
$100,000 to $500,000	349	259	267	21,265	36,629	31,993	82,471,036	57,141,770	68,275,808	38,231,322	30,912,289	26,824,753
$500,000 to $1,000,000	99	42		15,407			69,705,468	29,911,960		26,289,849		
$1,000,000 and over	95	24	22	51,026	17,219	13,818	287,303,455	55,786,502	42,048,999	94,849,453	20,223,716	14,877,565
	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	29.3	45.2	47.5	1.1	5.1	5.9	0.5	1.8	2.4	0.9	3.1	4.0
$5,000 to $20,000	30.8	28.8	29.5	4.4	10.4	12.7	2.4	5.4	7.0	4.0	8.6	11.3
$20,000 to $100,000	25.1	16.0	14.5	12.7	16.1	18.0	7.9	13.0	15.0	12.1	16.7	18.0
$100,000 to $500,000	9.6	8.0	7.9	19.8	46.5	44.3	16.7	32.0	46.8	19.9	43.3	42.9
$500,000 to $1,000,000	2.7	1.3		14.4			14.1	16.7		13.7		
$1,000,000 and over	2.6	0.7	0.6	47.6	21.9	19.2	58.3	31.2	28.8	49.4	28.3	23.8

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
BREAD AND OTHER BAKERY PRODUCTS	108	87	100.0	100.0	793	651	100.0	100.0	$5,432,935	$2,056,335	100.0	100.0	$1,872,302	$857,856	100.0	100.0
Less than $5,000	25	34	23.1	39.1	15	35	1.9	5.4	69,705	80,259	1.3	3.9	29,070	37,032	1.6	4.3
$5,000 to $20,000	41	36	38.0	41.4	65	140	8.2	21.5	428,630	382,678	7.9	18.6	166,832	168,056	8.9	19.6
$20,000 to $100,000	31	14	28.7	16.1	212	162	26.7	24.9	1,451,687	614,950	26.7	29.9	475,925	231,555	25.4	27.0
$100,000 to $500,000	8	[1] 3	7.4	3.4	231	[1] 314	29.1	48.2	1,517,178	[1] 978,448	27.9	47.6	492,529	[1] 421,213	26.3	49.1
$500,000 to $1,000,000	3	.....	2.8	.....	270	.....	34.0	.....	1,965,735	.....	36.2	.....	707,946	.....	37.8	.....
BRICK AND TILE, TERRA-COTTA, AND FIRE-CLAY PRODUCTS	42	51	100.0	100.0	1,359	1,599	100.0	100.0	3,088,485	1,622,059	100.0	100.0	2,054,638	1,062,413	100.0	100.0
Less than $5,000	7	13	16.7	25.5	31	57	2.3	3.6	23,311	27,715	0.8	1.7	13,459	19,493	0.7	1.8
$5,000 to $20,000	13	20	31.0	39.2	115	298	8.5	18.6	165,204	234,959	5.3	14.5	118,524	167,646	5.8	15.8
$20,000 to $100,000	12	15	28.6	29.4	356	771	26.2	48.2	604,033	697,004	19.6	43.0	378,835	486,824	18.4	45.8
$100,000 to $500,000	[1] 10	3	23.8	5.9	[1] 857	473	63.1	29.6	[1] 2,295,937	662,381	74.3	40.8	[1] 1,543,820	388,450	75.1	36.6
CONFECTIONERY AND ICE CREAM [2]	39	34	100.0	100.0	486	283	100.0	100.0	3,249,105	1,029,504	100.0	100.0	1,488,997	328,497	100.0	100.0
Less than $5,000	8	12	20.5	35.3	8	9	1.6	3.2	20,328	23,508	0.6	2.3	9,670	11,092	0.6	3.4
$5,000 to $20,000	8	11	20.5	32.4	29	36	6.0	12.7	98,327	108,685	3.0	10.6	51,918	51,895	3.5	15.8
$20,000 to $100,000	12	8	30.8	23.5	42	81	8.6	28.6	420,581	429,390	12.9	41.7	138,344	166,645	9.3	50.7
$100,000 to $500,000	[1] 11	3	28.2	8.8	[1] 407	157	83.7	55.5	[1] 2,709,869	467,921	83.4	45.5	[1] 1,289,065	98,865	86.6	30.1
FLOUR-MILL AND GRIST-MILL PRODUCTS	143	73	100.0	100.0	152	125	100.0	100.0	4,565,179	2,179,165	100.0	100.0	717,239	261,014	100.0	100.0
Less than $5,000	43	35	30.1	47.9	1	24	0.7	19.2	127,523	78,217	2.8	3.6	22,848	17,618	3.2	6.7
$5,000 to $20,000	59	21	41.3	28.8	16	28	10.5	22.4	654,920	202,890	14.3	9.3	113,551	35,090	15.8	13.4
$20,000 to $100,000	33	12	23.1	16.4	42	36	27.6	28.8	1,221,863	454,601	26.8	20.9	210,443	75,381	29.3	28.9
$100,000 to $500,000	[1] 8	5	5.6	6.8	[1] 93	37	61.2	29.6	[1] 2,560,873	1,443,457	56.1	66.2	[1] 370,397	132,925	51.6	50.9
FOUNDRY AND MACHINE-SHOP PRODUCTS [3]	99	79	100.0	100.0	2,765	1,866	100.0	100.0	11,677,458	4,032,986	100.0	100.0	6,227,538	2,329,272	100.0	100.0
Less than $5,000	24	26	24.2	32.9	22	52	0.8	2.8	61,552	72,952	0.5	1.8	44,152	55,236	0.7	2.4
$5,000 to $20,000	22	25	22.2	31.6	79	174	2.9	9.3	236,598	275,585	2.0	6.8	144,480	192,948	2.3	8.3
$20,000 to $100,000	28	20	28.3	25.3	313	591	11.3	31.7	1,281,769	1,044,173	11.0	25.9	750,584	604,983	12.1	26.0
$100,000 to $500,000	18	[1] 8	18.2	10.1	1,063	[1] 1,049	38.4	56.2	3,858,969	[1] 2,640,276	33.1	65.5	2,223,556	[1] 1,476,105	35.7	63.4
$500,000 and over	7	.....	7.1	.....	1,288	.....	46.6	.....	6,228,570	.....	53.3	.....	3,064,766	.....	49.2	.....
LUMBER AND TIMBER PRODUCTS	1,685	1,335	100.0	100.0	25,778	21,646	100.0	100.0	55,139,362	21,333,482	100.0	100.0	39,180,357	13,686,448	100.0	100.0
Less than $5,000	640	817	38.0	61.2	732	2,754	2.8	12.7	1,481,038	1,564,030	2.7	7.3	1,108,997	1,138,250	2.8	8.3
$5,000 to $20,000	548	325	32.5	24.3	2,688	3,498	10.4	16.2	5,540,884	3,154,208	10.0	14.8	4,231,598	2,243,842	10.8	16.4
$20,000 to $100,000	397	155	23.6	11.6	7,002	5,382	27.2	24.9	15,660,139	6,325,212	28.4	29.6	11,518,163	4,209,300	29.4	30.8
$100,000 to $500,000	89	34	5.3	2.5	8,616	[4] 10,012	33.4	46.3	20,142,807	7,097,667	36.5	33.3	13,887,852	[4] 6,095,056	35.4	44.5
$500,000 to $1,000,000	5	[5] 4	0.3	0.3	2,524	.....	9.8	.....	4,097,225	[5] 3,192,365	7.4	15.0	2,894,621	.....	7.4	.....
$1,000,000 and over	6	.....	0.4	.....	4,216	.....	16.4	.....	8,217,269	.....	14.9	.....	5,541,126	.....	14.1	.....
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS.	82	76	100.0	100.0	1,028	886	100.0	100.0	5,702,022	2,772,379	100.0	100.0	1,840,867	1,102,444	100.0	100.0
Less than $5,000	11	19	13.4	25.0	14	54	1.4	6.1	22,753	66,262	0.4	2.4	15,068	40,102	0.8	3.6
$5,000 to $20,000	18	27	22.0	35.5	65	181	6.3	20.4	189,636	287,610	3.3	10.4	100,961	166,371	5.5	15.1
$20,000 to $100,000	38	24	46.3	31.6	453	449	44.1	50.7	2,162,687	1,114,181	37.9	40.2	786,239	490,934	42.7	44.5
$100,000 to $500,000 [1]	15	6	18.3	7.9	496	202	48.2	22.8	3,326,946	1,304,326	58.3	47.0	938,599	405,037	51.0	36.7
MINERAL AND SODA WATERS	129	161	100.0	100.0	713	520	100.0	100.0	5,321,653	2,162,022	100.0	100.0	2,635,027	1,069,404	100.0	100.0
Less than $5,000	18	70	14.0	43.5	13	106	1.8	20.4	43,607	178,039	0.8	8.2	21,382	101,495	0.8	9.5
$5,000 to $20,000	50	72	38.8	44.7	147	246	20.6	47.3	560,161	719,654	10.5	33.3	219,258	351,280	8.3	32.8
$20,000 to $100,000	50	16	38.8	9.9	305	99	42.8	19.0	2,044,707	677,177	38.4	31.3	975,645	345,750	37.0	32.3
$100,000 to $500,000	[1] 11	3	8.5	1.9	[1] 248	69	34.8	13.3	[1] 2,673,178	587,152	50.2	27.2	[1] 1,418,742	270,879	53.8	25.3
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	156	199	100.0	100.0	697	831	100.0	100.0	5,054,877	2,771,502	100.0	100.0	3,502,666	2,115,323	100.0	100.0
Less than $5,000	86	139	55.1	69.8	83	229	11.9	27.6	246,226	368,678	4.9	13.3	182,104	297,468	5.2	14.1
$5,000 to $20,000	50	45	32.1	22.6	140	217	20.1	26.1	464,140	385,733	9.2	13.9	348,529	321,142	10.0	15.2
$20,000 to $100,000	12	8	7.7	4.0	121	124	17.4	14.9	514,754	407,337	10.2	14.7	356,724	299,972	10.2	14.2
$100,000 to $500,000	[4] 8	7	5.1	3.5	[4] 353	261	50.6	31.4	[4] 3,829,757	1,609,754	75.8	58.1	[4] 2,615,309	1,196,741	74.7	56.6
TURPENTINE AND ROSIN	174	160	100.0	100.0	3,014	3,411	100.0	100.0	5,892,492	2,047,132	100.0	100.0	4,108,209	1,525,946	100.0	100.0
Less than $5,000	17	46	9.8	28.8	34	231	1.1	6.8	58,194	137,564	1.0	6.7	40,638	96,051	1.0	6.3
$5,000 to $20,000	69	90	39.7	56.3	511	1,964	17.0	57.6	805,387	1,074,485	13.7	52.5	577,694	797,788	14.1	52.3
$20,000 to $100,000	80	24	46.0	15.0	1,842	1,216	61.1	35.6	3,627,895	835,083	61.6	40.8	2,535,792	632,107	61.7	41.4
$100,000 to $500,000	8	.....	4.6	.....	627	.....	20.8	.....	1,401,016	.....	23.8	.....	954,085	.....	23.2	.....

[1] Includes the group "$500,000 to $1,000,000."
[2] Includes "chewing gum" for 1914.
[3] Includes "iron and steel, welding" and "textile machinery and parts."
[4] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[5] Includes the group "$1,000,000 and over."

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

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
ANNISTON	48	2,685	100.0	$11,104,935	100.0	$4,732,654	100.0
Less than $20,000	11	30	1.1	111,165	1.0	55,758	1.2
$20,000 to $100,000	20	205	7.6	1,001,070	9.0	481,098	10.2
$100,000 to $500,000	11	1,208	45.0	4,817,680	43.4	2,323,553	49.1
$500,000 and over	6	1,242	46.3	5,175,020	46.6	1,872,245	39.6
BESSEMER	34	2,107	100.0	18,442,946	100.0	5,692,871	100.0
Less than $5,000	8	2	0.1	12,350	0.1	7,225	0.1
$5,000 to $20,000	9	22	1.0	116,075	0.6	53,265	0.9
$20,000 to $100,000	9	119	5.6	376,600	2.0	195,759	3.4
$100,000 and over	8	1,964	93.2	17,937,921	97.3	5,436,622	95.5
BIRMINGHAM	329	17,264	100.0	127,214,048	100.0	40,395,154	100.0
Less than $5,000	47	30	0.2	128,633	0.1	84,703	0.2
$5,000 to $20,000	73	243	1.4	807,029	0.6	465,206	1.2
$20,000 to $100,000	100	1,201	7.0	4,788,405	3.8	2,532,194	6.3
$100,000 to $500,000	62	2,795	16.2	13,777,556	10.8	6,080,977	15.1
$500,000 to $1,000,000	24	3,072	17.8	16,135,397	12.7	6,661,973	16.5
$1,000,000 and over	23	9,923	57.5	91,577,028	72.0	24,570,101	60.8
DOTHAN	30	236	100.0	1,766,656	100.0	471,127	100.0
Less than $5,000	8	13	5.5	22,700	1.3	16,036	3.4
$5,000 to $20,000	10	39	16.5	122,747	6.9	68,910	14.6
$20,000 to $100,000	7	87	36.9	407,983	23.1	163,138	34.6
$100,000 to $500,000	5	97	41.1	1,213,226	68.7	223,043	47.3
FLORENCE	26	744	100.0	3,797,664	100.0	1,486,047	100.0
Less than $5,000	3	2	0.3	4,547	0.1	1,738	0.1
$5,00 to $20,000	8	25	3.4	104,572	2.8	53,926	3.6
$20,000 to $100,000	9	91	12.2	368,177	9.7	251,242	16.9
$100,000 to $500,000	3	79	10.6	968,539	25.5	305,136	20.5
$500,000 to $1,000,000	3	547	73.5	2,351,829	61.9	874,005	58.8
GADSDEN	39	2,852	100.0	$13,825,664	100.0	$4,430,256	100.0
Less than $5,000	7	7	0.2	20,763	0.2	11,501	0.3
$5,000 to $20,000	9	32	1.1	94,986	0.7	10,782	0.2
$20,000 to $100,000	14	121	4.2	584,490	4.2	238,848	5.4
$100,000 and over	9	2,692	94.4	13,125,365	94.9	4,169,125	94.1
MOBILE	147	8,223	100.0	27,410,702	100.0	15,732,264	100.0
Less than $5,000	44	52	0.6	104,057	0.4	64,952	0.4
$5,000 to $20,000	34	125	1.5	360,041	1.3	215,733	1.4
$20,000 to $100,000	37	404	4.9	1,672,071	6.1	903,706	5.7
$100,000 to $500,000	25	3,273	39.8	12,115,240	44.2	6,995,749	44.5
$500,000 to $1,000,000	4	527	6.4	2,549,675	9.3	1,097,911	7.0
$1,000,000 and over	3	3,842	46.7	10,609,618	38.7	6,454,213	41.0
MONTGOMERY	97	3,658	100.0	21,101,835	100.0	7,473,513	100.0
Less than $5,000	13	10	0.3	36,699	0.2	23,392	0.3
$5,000 to $20,000	20	72	2.0	211,740	1.0	149,709	2.0
$20,000 to $100,000	27	326	8.9	1,017,108	4.8	539,239	7.2
$100,000 to $500,000	28	1,441	39.4	10,988,551	52.1	3,680,118	49.2
$500,000 and over	9	1,809	49.5	8,847,737	41.9	3,081,055	41.2
SELMA	41	1,703	100.0	9,483,626	100.0	2,746,678	100.0
Less than $5,000	4	2	0.1	7,347	0.1	3,706	0.1
$5,000 to $20,000	16	74	4.3	223,005	2.4	123,473	4.5
$20,000 to $100,000	12	536	31.5	1,498,521	15.8	890,252	32.4
$100,000 to $500,000	3	82	4.8	427,886	4.5	259,280	9.4
$500,000 and over	6	1,009	59.2	7,326,867	77.3	1,469,967	53.5
TUSCALOOSA	24	404	100.0	1,560,612	100.0	796,530	100.0
Less than $5,000	4	5	1.2	6,200	0.4	5,169	0.6
$5,000 to $20,000	4	14	3.5	40,818	2.6	19,506	2.4
$20,000 to $100,000	12	151	37.4	594,231	38.1	309,264	38.8
$100,000 to $500,000	4	234	57.9	919,363	58.9	462,591	58.1

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

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	1,791	941	922	107,159	9,708	89,464	7,987	9.1	83.5	7.5	$492,730,895	$28,455,577	$437,969,430	$26,305,888	5.8	88.9	5.3
	1914	1,586	874	782	78,717	9,885	61,057	7,775	12.6	77.6	9.9	178,797,633	13,061,732	155,384,188	10,351,713	7.3	86.9	5.8
	1909	1,695	788	915	72,148	9,869	54,879	7,400	13.7	76.1	10.3	145,961,638	12,452,801	123,502,394	10,006,443	8.5	84.6	6.9
Bread and other bakery products.	1919	82	8	18	793	350	338	105	44.1	42.6	13.2	5,432,935	2,397,734	2,025,786	1,009,415	44.1	37.3	18.6
	1914	65	6	16	651	232	337	82	35.6	51.8	12.6	2,056,335	806,608	924,028	325,699	39.2	44.9	15.8
Brick and tile, terra-cotta, and fire-clay products.	1919	11	24	7	1,359	317	956	86	23.3	70.3	6.3	3,088,485	533,817	2,394,514	160,154	17.3	77.5	5.2
	1914	25	23	3	1,599	469	1,094	36	29.3	68.4	2.3	1,622,059	365,202	1,233,557	23,300	22.5	76.0	1.4
Confectionery and ice cream.[1]	1919	11	15	13	486	35	368	83	7.2	75.7	17.1	3,249,105	209,302	2,396,921	642,882	6.4	73.8	19.8
	1914	10	15	9	283	38	140	105	13.4	49.5	37.1	1,029,504	160,997	495,565	372,942	15.6	48.1	36.2
Flour-mill and gristmill products.	1919	86	17	40	152	42	91	19	27.6	59.9	12.5	4,565,179	1,382,720	2,380,356	802,103	30.3	52.1	17.6
	1914	47	10	16	125	53	53	19	42.4	42.4	15.2	2,179,165	400,418	1,620,024	158,723	18.4	74.3	7.3
Foundry and machine-shop products.[2]	1919	53	31	15	2,765	329	2,163	273	11.9	78.2	9.9	11,677,458	1,254,945	9,247,409	1,175,104	10.7	79.2	10.1
	1914	35	28	16	1,866	172	1,464	230	9.2	78.5	12.3	4,032,986	302,894	3,326,873	403,219	7.5	82.5	10.0
Lumber and timber products.	1919	968	177	540	25,778	5,289	15,626	4,863	20.5	60.6	18.9	55,139,362	12,155,804	31,910,093	11,073,465	22.0	57.9	20.1
	1914	796	121	418	21,646	5,267	12,218	4,161	24.3	56.4	19.2	21,333,482	4,589,034	12,604,497	4,139,951	21.5	59.1	19.4
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	32	26	24	1,028	283	425	320	27.5	41.3	31.1	5,702,022	1,118,119	2,777,611	1,806,292	19.6	48.7	31.7
	1914	35	27	14	886	359	423	104	40.5	47.7	11.7	2,772,379	1,273,410	1,332,244	166,725	45.9	48.1	6.0
Mineral and soda waters	1919	60	34	35	713	249	262	202	34.9	36.7	28.3	5,321,653	1,530,322	2,117,012	1,674,319	28.8	39.8	31.5
	1914	81	37	43	520	234	176	110	45.0	33.8	21.2	2,162,022	820,618	870,740	470,664	38.0	40.3	21.8
Printing and publishing, newspapers and periodicals.	1919	92	30	34	697	157	482	58	22.5	69.2	8.3	5,054,877	543,189	4,308,558	203,130	10.7	85.2	4.0
	1914	120	40	39	831	275	467	89	33.1	56.2	10.7	2,771,502	458,324	2,116,304	196,874	16.5	76.4	7.1
Turpentine and rosin	1919	89	29	56	3,014	957	1,151	906	31.8	38.2	30.1	5,892,492	1,795,939	2,353,317	1,743,236	30.5	39.9	29.6
	1914	74	24	62	3,411	1,175	881	1,355	34.4	25.8	39.7	2,047,132	642,881	546,710	857,541	31.4	26.7	41.9
Total for cities	1919	280	396	139	39,876	2,231	36,260	1,385	5.6	90.9	3.5	235,708,628	8,346,606	219,267,377	8,094,645	3.5	93.0	3.4
	1914	248	355	127	23,315	1,622	20,566	1,127	7.0	88.2	4.8	75,773,558	4,510,100	68,260,982	3,002,476	6.0	90.1	4.0
ANNISTON	1919	7	32	9	2,685	31	2,608	46	1.2	97.1	1.7	11,104,935	140,140	10,626,351	338,444	1.3	95.7	3.0
	1914	7	26	7	2,327	26	2,269	32	1.1	97.5	1.4	4,365,381	68,292	4,218,943	78,146	1.6	96.6	1.8
BESSEMER	1919	16	11	7	2,107	39	2,031	37	1.9	96.4	1.8	18,442,946	165,996	18,072,104	204,846	0.9	98.0	1.1
	1914	27	15	5	1,772	98	1,666	8	5.5	94.0	0.5	6,022,933	822,706	5,180,847	19,380	13.7	86.0	0.3
BIRMINGHAM	1919	90	193	46	17,264	511	16,249	504	3.0	94.1	2.9	127,214,048	1,875,871	122,299,112	3,039,065	1.5	96.1	2.4
	1914	105	192	55	10,863	417	10,127	319	3.8	93.2	2.9	43,144,221	1,114,981	41,108,335	920,905	2.6	95.3	2.1
DOTHAN	1919	13	11	6	236	57	151	28	24.2	64.0	11.9	1,766,656	185,023	1,176,400	405,233	10.5	66.6	22.9
FLORENCE	1919	11	13	2	744	[3] 35	709	.....	4.7	95.3	.....	3,797,664	[3] 197,296	3,600,368	.....	5.2	94.8	.....
GADSDEN	1919	15	19	5	2,852	185	2,647	20	6.5	92.8	0.7	13,825,604	674,844	12,958,698	192,062	4.9	93.7	1.4
	1914	11	19	4	2,065	28	2,026	11	1.4	98.1	0.5	4,582,830	69,746	4,489,434	23,650	1.5	98.0	0.5
MOBILE	1919	66	49	32	8,223	457	7,306	460	5.6	88.8	5.6	27,410,702	2,163,238	23,072,336	2,175,128	7.9	84.2	7.9
	1914	58	44	31	2,604	424	1,792	388	16.3	68.8	14.9	5,855,070	1,110,860	3,840,067	904,143	19.0	65.6	15.4
MONTGOMERY	1919	37	44	16	3,658	311	3,186	161	8.5	87.1	4.4	21,101,835	1,535,419	18,319,189	1,247,227	7.3	86.8	5.9
	1914	24	42	17	2,539	221	2,060	258	8.7	81.1	10.2	7,779,530	689,540	6,368,709	721,281	8.9	81.9	9.3
SELMA	1919	16	16	9	1,703	565	1,045	93	33.2	61.4	5.5	9,483,626	1,236,985	7,962,425	284,216	13.0	84.0	3.0
	1914	16	17	8	1,145	408	626	111	35.6	54.7	9.7	4,023,593	633,975	3,054,647	334,971	15.8	75.9	8.3
TUSCALOOSA	1919	9	8	7	404	43	328	33	10.6	81.2	8.2	1,560,612	193,154	1,180,394	187,064	12.4	75.6	12.0

[1] Includes "chewing gum" for 1914. [2] Includes "iron and steel, welding" and "textile machinery and parts." [3] Includes the group "All others."

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

	Census year.	Aggregate.	Cities having a population of 10,000 or over.								The state outside of cities having a population of 100,000 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	.....	10	.....	7	.....	2	.....	1	.....	.....	.....
	1914	.....	7	.....	4	.....	2	.....	1	.....	.....	.....
	1909	.....	7	.....	4	.....	2	.....	1	.....	.....	.....
Population [1]	1920	2,348,174	382,340	16.3	99,293	4.2	104,241	4.4	178,806	7.6	1,965,834	83.7
	1915	2,269,945	320,864	14.1	57,360	2.5	97,350	4.3	166,154	7.3	1,949,081	85.9
	1910	2,138,093	270,206	12.6	47,864	2.2	89,657	4.2	132,685	6.2	1,867,887	87.4
Number of establishments	1919	3,654	815	22.3	242	6.6	244	6.7	329	9.0	2,839	77.7
	1914	3,242	730	22.5	162	5.0	216	6.7	352	10.9	2,512	77.5
	1909	3,398	578	17.0	131	3.9	199	5.9	248	7.3	2,820	83.0
Average number of wage earners	1919	107,159	39,876	37.2	10,731	10.0	11,881	11.1	17,264	16.1	67,283	62.8
	1914	78,717	23,315	29.6	7,309	9.3	5,143	6.5	10,863	13.8	55,402	70.4
	1909	72,148	19,164	26.6	5,519	7.6	4,646	6.4	8,999	12.5	52,984	73.4
Value of products	1919	$492,730,895	$235,708,628	47.8	$59,982,043	12.2	$48,512,537	9.8	$127,214,048	25.8	$257,022,267	52.2
	1914	178,797,633	75,773,558	42.4	18,994,737	10.6	13,634,600	7.6	43,144,221	24.1	103,024,075	57.6
	1909	145,961,638	49,040,250	33.6	14,040,855	9.6	10,871,181	7.4	24,128,214	16.5	96,921,388	66.4
Value added by manufacture	1919	192,066,605	83,957,094	43.7	20,356,163	10.6	23,205,777	12.1	40,395,154	21.0	108,109,511	56.3
	1914	71,386,199	30,486,561	42.7	6,878,217	9.6	5,975,847	8.4	17,632,497	24.7	40,899,638	57.3
	1909	62,519,120	19,762,396	31.6	4,735,069	7.6	4,908,813	7.9	10,118,514	16.2	42,756,724	68.4

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

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

City and industry.	Value of products.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.
BIRMINGHAM.				
Foundry and machine-shop products	$8,198,090	71.1	$5,853,313	249.6
Iron and steel, cast-iron pipe	7,462,086	39.7	(1)	.....
Cars and general shop construction and repairs by steam-railroad companies	5,457,564	25.7	3,382,569	163.0
Oil and cake, cottonseed	4,711,169	14.9	3,502,638	289.8
Printing and publishing, newspapers and periodicals	2,674,340	52.9	1,386,573	107.7
Bread and other bakery products	2,557,028	47.1	1,561,086	156.7
Mineral and carbonated waters	1,535,455	28.9	1,072,272	231.5
Confectionery and ice cream	1,344,572	41.4	907,035	207.3
Printing and publishing, book and job	1,196,865	60.0	502,222	72.3
Food preparations, not elsewhere specified	825,136	26.5	677,302	458.2
Brick and tile, terra-cotta and fire-clay products	531,991	17.2	176,526	49.7
Brass and bronze products	(1)	(1)	(1)	(1)
Coffee, roasting and grinding				
Coke, not including gas-house coke				
Cotton goods				
Engines, steam, gas, and water				
Fertilizers				
Flour-mill and gristmill products				
Gas, illuminating and heating				
Iron and steel, blast furnaces				
Iron and steel, steel works and rolling mills				
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills				
BIRMINGHAM—continued.				
Lime	(1)	(1)	(1)	(1)
Mattresses and spring beds, not elsewhere specified				
Slaughtering and meat packing				
Steam fittings and steam and hot-water heating apparatus				
Structural ironwork, not made in steel works or rolling mills				
MOBILE.				
Shipbuilding, steel	15,909,618	100.0	.....	.....
Copper, tin, and sheet-iron work	1,084,534	54.5	837,603	339.2
Bread and other bakery products	1,026,887	18.9	633,507	161.0
Foundry and machine-shop products	778,856	6.8	393,363	102.0
Lumber and timber products	659,219	1.2	363,381	122.8
Cars and general shop construction and repairs by steam-railroad companies	(1)	(1)	(1)	(1)
Lumber, planing-mill products, not including planing mills connected with sawmills				
Mineral and carbonated waters				
Printing and publishing, newspapers and periodicals				
Shipbuilding, wooden, including boat building				
Wood preserving				

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

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

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	10,491	6,566	4,909	628,376	445,762	357,837	100.0	100.0	100.0
Owned	3,825	3,459	3,879	485,875	389,204	347,546	77.3	87.3	97.1
Steam [1]	3,349	3,029	3,463	468,746	375,114	329,007	74.6	84.2	91.9
Engines	3,195	(2)	(2)	377,313	(2)	(2)	60.0		
Turbines	154	(2)	(2)	91,433	(2)	(2)	14.6		
Internal-combustion engines	376	350	248	3,595	4,469	4,616	0.6	1.0	1.3
Water	100	80	168	13,534	9,621	13,923	2.2	2.2	3.9
Water wheels and turbines	93	(2)	(2)	13,510	(2)	(2)	2.1		
Water motors	7	(2)	(2)	24	(2)	(2)	(3)		
Rented	6,666	3,107	1,030	142,501	56,558	10,291	22.7	12.7	2.9
Electric	6,666	3,107	1,030	142,412	56,400	10,104	22.7	12.7	2.8
Other				89	158	187	(3)	(3)	0.1
Electric	9,241	4,648	2,500	199,523	98,189	39,928	100.0	100.0	100.0
Rented	6,666	3,107	1,030	142,412	56,400	10,104	71.4	57.4	25.3
Generated by establishments reporting	2,575	1,541	1,470	57,111	41,789	29,824	28.6	42.6	74.7

[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	4,891	7,649,059	3,556,934	184,343	11,918	216,135
1914	1,883	6,306,218	2,725,685	27,777	(1)	156,005
Per cent of increase	159.7	21.3	30.5	606.6		38.5
Bread and other bakery products	958	3,691	2,358	26	67	3,673
Brick and tile, terra-cotta, and fire-clay products		125,617	1,321	10	89	
Butter		6,693			22	
Cars and general shop construction and repairs by steam-railroad companies	46	91,796	1,738	2,489	5	1,428
Cement		76,246				
Coal-tar products		13,550	2,107	18,934		
Coke, not including gas-house coke		5,281,552	45,041			
Cordage and twine		7,652				
Cotton goods	2,940	203,675	561	5,231	110	
Fertilizers		29,981	57	1,903	131	
Foundry and machine-shop products	289	15,175	16,200	1,402	256	40
Gas, illuminating and heating		82,699		50,467		
Ice, manufactured		81,926		5,300	102	
Iron and steel, blast furnaces		338,188	3,258,325			18,129
Iron and steel, steel works and rolling mills	77	967,485	85,477	81,294		174,500
Iron and steel, cast-iron pipe		28,520	132,314			175
Knit goods		7,908			8	
Lime		27,046			4	500
Lumber and timber products	6	32,843	1,853	54	881	
Oil and cake, cottonseed		110,323	150	55	65	
Oil, not elsewhere specified		8,676		120		
Shipbuilding, steel		11,237	858	5,253	2,614	1,937
Shipbuilding, wooden		18,893		12	10	
Slaughtering and meat packing		24,213				
All other industries	575	53,474	8,574	11,793	7,554	15,753
Total for cities	1,442	2,306,581	2,535,495	95,849	3,253	214,388
ANNISTON		35,793	115,195	3,890	16	383
BESSEMER		143,571	185,192	555	40	17,815
BIRMINGHAM	1,003	1,768,897	2,085,187	73,151	106	12,523
DOTHAN	3	2,403	150	6	140	12
FLORENCE		15,496	19,695	25	108	108
GADSDEN	77	146,055	126,537	1,063	10	174,886
MOBILE	326	84,784	1,609	16,172	2,744	4,687
MONTGOMERY	3	61,695	1,459	955	65	3,663
SELMA	30	42,796	233	32	24	178
TUSCALOOSA		4,091	238			133

[1] Included in figures for fuel oils.

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 seven of these industries for Alabama are here presented.

Cotton goods (Table 19).—This table presents leading details regarding materials, products, and equipment of the cotton-goods industry for 1919, 1914, and 1909.

There has been a consistent growth in the industry as evidenced by the consumption of raw cotton which increased 16.9 per cent from 1914 to 1919 and 29.4 per cent from 1909 to 1919. The cost of all materials increased 188.8 per cent from 1914 to 1919, and 257.2 per cent from 1909 to 1919.

TABLE 19.—COTTON GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$51,339,153	$17,779,070	$14,373,247
Cotton:			
Pounds	150,355,697	128,668,433	116,232,495
Cost	$45,739,464	$15,901,841	$12,616,233
Starch, cost	$191,791	$124,395	$101,218
Fuel and rent of power, cost	$1,437,223	$562,714	$445,568
All other materials, cost	$3,970,675	$1,190,120	$1,210,228
PRODUCTS.			
Total value	$79,643,343	$25,622,583	$22,211,748
Woven goods:			
Pounds	104,582,454	(1)	(1)
Square yards	268,585,986	246,512,045	213,195,840
Value	$60,578,243	$19,525,519	$16,423,719
Sheetings—			
Pounds	24,445,207	(1)	(1)
Square yards	91,042,132	85,170,517	75,130,788
Value	$12,991,794	$4,899,717	$4,818,284
Duck—			
Pounds	40,162,218	(1)	(1)
Square yards	58,722,438	38,730,257	29,435,832
Value	$22,478,395	$6,409,231	$4,234,763
Other woven goods—			
Pounds	39,977,029	(1)	(1)
Square yards	118,821,416	122,611,271	108,629,220
Value	$25,108,054	$8,156,571	$7,370,672
Yarns for sale:			
Pounds	31,708,348	25,757,706	25,560,583
Value	$17,452,524	$5,220,758	$5,100,971
Cotton waste for sale:			
Pounds	12,306,584	8,622,029	10,405,797
Value	$831,614	$325,078	$219,872
All other products, value	$780,962	$551,228	$467,186
EQUIPMENT.			
Producing spindles, number	1,108,933	998,836	885,803
Looms, number	19,897	18,463	16,014

[1] Not reported in 1914 and 1909.

The yardage of woven goods increased 9 per cent from 1914 to 1919, and 26 per cent from 1909 to 1919. In value, duck was the leading cloth produced, constituting 37.1 per cent of the value of woven goods in 1919 and 33.1 per cent in 1914. The value of sheetings amounted to 21.4 per cent of the value of woven goods in 1919 as compared with 25.1 per cent in 1914. The principal cloths included in "Other woven goods" are twills, sateens, drills, and denims. The output of yarns for sale increased 23.1 per cent in quantity for the five-year period 1914–1919, as compared with 24.1 per cent for the decade. The total value of products increased 210.8 per cent from 1914 to 1919 and 258.6 per cent from 1909 to 1919.

An increase of 11 per cent was reported in the number of producing spindles from 1914 to 1919. During the same period, the number of looms increased 7.8 per cent.

Iron and steel, blast furnaces and steel works and rolling mills.—A large proportion of the pig-iron product of the blast furnaces is used in steel furnaces operated by one and the same company.

Blast furnaces (Table 20).—This table shows the statistics for the pig-iron industry of the state, materials and products, for 1919 and 1914.

The state ranked fourth among the states in this industry in 1919 and in 1914, with 7.2 per cent of the total value of products for the industry in 1919 and 6.3 per cent in 1914. The furnace equipment in 1919 comprised 42 stacks of 10,060 tons daily capacity, of which 3 of 409 tons capacity were idle during the year, 37 of 9,526 tons capacity were operated on coke, and 2 of 125 tons capacity on charcoal.

TABLE 20.—BLAST FURNACES, PIG-IRON INDUSTRY: 1919 AND 1914.

	1919		1914	
	Quantity.	Cost.	Quantity.	Cost.
MATERIALS.				
Total cost		$44,871,012		$13,890,993
Iron ore ... gross tons	5,025,183	14,772,862	4,567,776	5,729,189
Scrap and mill cinder ... gross tons	307,046	3,774,845	114,848	358,436
Fluxing material ... net tons	711,903	1,237,678	505,998	328,155
Fuel for smelting:				
Coke ... net tons	3,216,168	18,402,140	2,747,579	6,039,288
Charcoal ... bushels	3,242,527	605,037	3,552,097	318,929
All other materials, including fuel for power, value		6,078,450		1,116,996
PRODUCTS.				
Total value		57,018,105		20,065,739
Pig iron ... gross tons	2,111,381	54,771,825	1,835,576	19,909,045
Foundry ... gross tons	1,129,650		1,231,706	
Basic ... gross tons	906,116		543,152	
Other grades ... gross tons	75,615		60,718	
Sand cast ... gross tons	959,440		1,087,160	
Chill cast ... gross tons	125,345		68,183	
Machine cast ... gross tons	111,522		272,301	
Direct castings ... gross tons	26,987		2,860	
Delivered molten ... gross tons	888,087		405,072	
All other products, value		2,246,280		156,694

Steel works and rolling mills (Table 21).—This shows the quantity and cost of the principal materials and the product statistics of steel works and rolling mills for 1919. In 1914 the industry was included in the group of "All other industries" and not reported separately.

The leading rolled products in order of tonnage were (1) rails, (2) wire rods, (3) plates and sheets, (4) merchant bars, (5) structural shapes, (6) hoops, bands, and cotton ties, and (7) reinforced concrete bars.

TABLE 21.—STEEL WORKS AND ROLLING MILLS: 1919.

	Quantity.	Cost.
MATERIALS.		
Total cost	.....	$49,334,475
Pig iron and ferroalloys ... gross tons	1,018,778	20,793,204
Scrap, purchased ... gross tons	105,464	1,863,200
Steel and iron, crude and semifinished ... gross tons	366,440	13,442,954
All other material, including fuel and rent of power	.....	13,235,117
PRODUCTS.		
Total value	.....	64,980,154
Rolled, forged, and other classified products ... gross tons	1,175,035	54,305,462
All other products, including value added to rolling-mill products by further manufacture	.....	10,674,692

Lumber and timber products (Tables 22 and 23).—These tables present statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. Alabama is the only one of the southern yellow-pine lumber producing states that showed an increase in the quantity of lumber cut for 1919 compared with that for previous years. The state has advanced in rank from eleventh place in 1909 to eighth in 1914 and fifth in 1919.

The lumber cut from the various species in 1919 was reported as follows: Yellow pine, 1,642,588,000 feet, or 91.3 per cent of the total cut from all species in the state; oak, 61,189,000 feet, or 3.4 per cent; gum, 39,349,000 feet, or 2.2 per cent; and yellow poplar, 20,998,000 feet, or 1.2 per cent. Among other woods sawed into lumber in considerable quantities were cypress, tupelo, hickory, maple, and ash.

The manufacture of cooperage stock is also an important industry in Alabama. The quantity of such stock produced in 1919 and 1909 is shown in Table 23. Comparative figures for 1914 are not available.

TABLE 22.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY.[1]		
	1919	1914	1909
Lumber ... M feet b. m.	1,798,746	1,494,732	1,691,001
Lath ... thousands	42,502	(2)	50,979
Shingles ... thousands	62,241	(2)	245,871

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

TABLE 23.—COOPERAGE STOCK: 1919 AND 1909.

PRODUCT.	TIGHT COOPERAGE STOCK.		SLACK COOPERAGE STOCK.	
	1919	1909	1919	1909
Staves ... pieces	16,183,000	12,978,000	67,298,000	14,977,000
Heading ... sets	72,800	.....	23,963,000	4,049,000
Hoops ... pieces	.....	.....	120,000	4,150,000

Fertilizers (Table 24).—This table shows the quantity and value of the chief products of the fertilizer industry in Alabama in 1919, 1914, and 1909. Measured by value of products, the state ranks eighth among the states in this industry.

Although there was an increase in value of the fertilizer products of 7.5 per cent for the period 1914–1919, there was a material decrease in quantity production, the fertilizer tonnage showing a decrease of 44.1 per cent with respect to 1914 and a decrease of 12.9 with respect to 1909. Unit values increased from an average of $14.60 per ton for all classes of fertilizers in 1909 to $15.72 in 1914 and to $30.23 in 1919.

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

	1919	1914	1909
Total value	$11,624,913	$10,869,679	$6,423,233
Fertilizers:[1]			
Tons	358,144	640,868	411,177
Value	$10,827,892	$10,072,373	$6,003,893
Complete and ammoniated—			
Tons	205,865	356,960	209,177
Value	$7,570,087	$7,200,250	$3,874,245
Superphosphates—			
Tons	140,181	230,494	174,148
Value	$2,839,592	$1,948,594	$1,727,896
Other fertilizers—			
Tons	12,098	53,414	27,852
Value	$418,213	$923,529	$401,752
All other products, value	$797,021	$797,306	$419,340

[1] In addition, there were produced in 1919, 16,247 tons of fertilizers, valued at $599,993, by 8 cottonseed-oil mills; in 1914, 46,175 tons of fertilizers, valued at $911,155, by 23 cottonseed-oil mills; and in 1909, 25,959 tons of fertilizers, valued at $503,503, by 19 cottonseed-oil mills and 1 slaughtering and meat-packing establishment.

Turpentine and Rosin (Table 25).—The quantities and values of turpentine and rosin produced by 174 establishments in 1919, 160 in 1914, and 175 in 1909 are shown in this table.

Alabama ranked third in the production of naval stores for the three census years for which figures are given.

The working unit in the gathering of crude gum is called a "crop," which consists of 10,500 boxes or cups. In 1919 there were 1,385 crops worked in the state. Of these, 217 were from "virgin" trees, or trees worked the first year; 337 from "yearling," or trees worked the second year; and 831 from "pulling," or trees worked the third and subsequent years. Of the foregoing, 275 were worked from back-boxed timber—51 "virgin," 72 "yearling," and 152 "pulling."

In 1919, 97.7 per cent of the total number of crops were worked by the cup system as compared with 83.3 per cent in 1914, and 19.9 per cent in 1909.

TABLE 25.—TURPENTINE AND ROSIN: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value	$5,892,492	$2,047,132	$2,471,999
Spirits of turpentine:			
Gallons	2,037,005	2,721,777	2,840,242
Value	$2,443,940	$1,053,133	$1,253,737
Rosin:			
Barrels (280 pounds)	215,784	294,820	309,763
Value	$3,406,431	$985,966	$1,214,054
All other products, value	$42,121	$8,033	$4,208

Printing and publishing (Table 26).—This table shows the number and aggregate circulation per issue for the different classes of newspaper and periodical publications for 1919, 1914, and 1909.

The decrease in the aggregate circulation is caused by the decrease in number and circulation of weekly publications. Some of the weeklies of large circulation in 1914 reported smaller circulation in 1919, while others, also of large circulation, were discontinued.

The daily and Sunday newspapers largely increased their circulation, the former by 43,944, or 23.5 per cent, for the five-year period 1914–1919, and the latter by 37,931, or 26.2 per cent. Of the dailies, 18 were published in the afternoon and their circulation was 147,278, or 63.9 per cent of the total daily newspaper circulation.

All publications reported were printed in the English language.

TABLE 26.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	176	222	227	821,344	849,234	518,074
Daily	24	24	26	230,630	186,686	139,345
Sunday	10	12	9	182,761	144,830	78,679
Weekly [1]	132	176	185	398,183	494,266	287,550
Monthly	6	7	4	6,950	20,190	8,700
All other classes	4	3	3	2,820	3,262	3,800

[1] Includes 5 semiweeklies in 1919, 2 in 1914, and 6 in 1909.

Laundries (Table 27).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 27, however, summarizes the statistics for such laundries in Alabama for 1919 and 1914.

TABLE 27.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	37	41	.....
Persons engaged	1,684	1,569	7.3
Proprietors and firm members	31	31	.....
Salaried employees	191	150	27.3
Wage earners (average number)	1,462	1,388	5.3
Primary horsepower	1,675	1,362	23.0
Capital	$1,250,596	$784,541	59.4
Salaries and wages	1,126,570	628,498	79.2
Salaries	355,277	147,929	140.2
Wages	771,293	480,569	60.5
Paid for contract work	3,199	620	416.0
Rent and taxes	78,430	53,455	46.7
Cost of materials	463,521	256,459	80.7
Amount received for work done	2,196,118	1,360,688	61.4

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

Dyeing and cleaning (Table 28).—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 28.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	27
Persons engaged	282
Proprietors and firm members	29
Salaried employees	33
Wage earners (average number)	220
Primary horsepower	219
Capital	$219,717
Salaries and wages	205,584
Salaries	47,126
Wages	158,458
Paid for contract work	2,741
Rent and taxes	29,198
Cost of materials	115,201
Amount received for work done	487,293

Custom sawmills and custom gristmills (Tables 29 and 30).—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 29 and 30 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 29.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	317	55	.....
Persons engaged	591	237	149.4
Proprietors and firm members	437	113	286.7
Salaried employees	.....	1	.....
Wage earners (average number)	154	123	25.2
Primary horsepower	8,860	1,302	580.5
Capital	$326,515	$52,867	517.6
Salaries and wages	83,556	18,525	351.0
Salaries	.....	200	.....
Wages	83,556	18,325	356.0
Rent and taxes	4,495	(2)	.....
Cost of materials	36,537	1,385	2,538.1
Amount received for work done	247,557	55,271	347.9

[1] Percentages are omitted where base is less than 100.
[2] Figures not available.

TABLE 30.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	1,132	964	17.4
Persons engaged	1,432	1,887	−24.1
Proprietors and firm members	1,349	1,303	3.5
Salaried employees	5	3	.....
Wage earners (average number)	78	581	−86.6
Primary horsepower	19,912	18,395	8.2
Capital	$1,141,207	$894,078	27.6
Salaries and wages	79,839	58,363	36.8
Salaries	500	836	−40.2
Wages	79,339	57,527	37.9
Rent and taxes	16,891	(2)	.....
Cost of materials [3]	4,723,708	1,967,022	140.1
Value of products [3]	5,723,095	2,326,136	146.0

[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 31 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 Birmingham and Mobile, and for the cities having from 10,000 to 50,000 inhabitants similar data for all industries combined.

Table 32 presents, for 1919, for the state as a whole and for Birmingham and Mobile, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and for cities having from 10,000 to 50,000 inhabitants, similar data for all industries combined.

TABLE 31.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
All industries	1919	3,654	107,159	628,376	99,066	300,664	492,731
	1914	3,242	78,717	445,762	33,897	107,411	178,798
	1909	3,393	72,148	357,837	27,284	83,443	145,962
Bread and other bakery products.	1919	108	793	1,047	566	3,561	5,433
	1914	87	651	558	290	1,198	2,056
	1909	83	574	334	248	1,073	1,725
Brick, tile, pottery, and other clay products.	1919	52	1,367	6,083	980	1,041	3,121
	1914	63	1,625	6,452	588	564	1,643
	1909	92	1,778	6,320	578	458	1,694
Brooms, from broom corn	1919	8	64	51	57	170	279
	1914	8	40	40	19	36	78
	1909	6	21	13	10	36	59
Carriages and wagons and materials.	1919	42	307	912	296	516	1,073
	1914	63	385	1,051	233	304	707
	1909	35	424	991	194	303	684
Cars and general shop construction and repairs by electric-railroad companies.	1919	6	164	551	251	242	516
	1914	7	201	326	85	76	180
	1909	6	152	208	96	83	195
Cars and general shop construction and repairs by steam-railroad companies.	1919	20	8,665	10,275	12,140	7,755	21,234
	1914	22	7,908	7,861	5,189	6,842	12,522
	1909	21	6,308	4,928	3,372	3,775	7,528
Clothing, men's	1919	9	394	120	189	1,062	1,552
	1914	6	229	133	81	261	413
	1909	5	194	38	48	203	333
Coffee, roasting and grinding	1919	10	64	147	45	1,128	1,400
	1914	8	34	97	16	192	331
	1909	9	40	136	14	264	393
Coke, not including gas-house coke.	1919	28	3,533	13,147	3,484	18,628	24,669
	1914	18	2,209	11,728	1,261	7,363	10,353
	1909	35	2,580	5,766	1,283	6,371	8,843
Confectionery and ice cream	1919	39	486	814	325	1,760	3,249
	1914	34	283	530	106	701	1,030
Copper, tin, and sheet-iron work.	1919	33	319	173	290	1,206	1,991
	1914	27	251	198	130	523	782
	1909	23	236	33	132	411	733
Cordage and twine	1919	4	475	2,580	301	1,581	2,231
	1914	5	460	1,935	154	829	1,135
	1909	5	427	1,700	117	479	696
Cordials and flavoring sirups	1919	3	6	14	6	318	457
	1914	7	9	52	5	115	177
Cotton goods	1919	58	18,102	73,569	11,358	51,339	79,643
	1914	57	13,697	48,278	4,206	17,779	25,623
	1909	51	12,731	42,637	3,454	14,373	22,212
Fertilizers	1919	40	1,136	5,908	1,044	7,576	11,625
	1914	80	1,416	7,112	546	8,077	10,870
	1909	42	1,233	4,484	392	4,264	6,423
Flour-mill and gristmill products.	1919	143	152	4,994	133	3,848	4,565
	1914	73	125	2,914	48	1,918	2,179
	1909	72	168	3,559	57	2,405	2,779
Food preparations, not elsewhere specified.	1919	14	160	1,096	107	2,557	3,118
	1914	11	41	185	21	485	653
	1909	3	32	30	9	327	407
Foundry and machine-shop products.[1]	1919	260	9,263	18,727	10,405	17,297	35,841
	1914	146	6,332	12,268	3,647	6,315	12,490
	1909	102	5,898	9,859	2,958	6,227	11,550
Furniture	1919	5	93	173	74	187	356
	1914	10	89	274	41	77	184
	1909	5	58	197	22	28	76
Gas, illuminating and heating	1919	12	522	333	544	762	1,646
	1914	14	214	461	129	387	1,125
	1909	13	259	599	133	214	687
Ice, manufactured	1919	59	553	9,658	476	780	2,086
	1914	55	478	8,200	204	271	1,201
	1909	45	343	6,117	138	201	777
Iron and steel, blast furnaces	1919	21	5,214	138,951	7,177	44,871	57,018
	1914	15	3,547	126,573	1,985	13,891	20,066
	1909	19	3,783	106,189	2,077	15,477	21,236
Knit goods	1919	10	1,655	1,555	723	3,275	4,757
	1914	5	781	738	176	447	764
	1909	6	611	750	124	314	591
Lime	1919	10	291	869	305	640	1,149
	1914	14	390	871	147	196	398
	1909	15	411	723	136	182	426
Lumber and timber products[2]	1919	1,774	27,097	116,724	20,992	20,029	61,317
	1914	1,421	22,750	91,384	7,816	9,400	24,314
	1909	1,819	22,409	102,527	7,259	9,145	26,058
Marble and stone work	1919	33	260	1,857	218	247	692
	1914	35	402	991	215	197	641
	1909	25	358	787	168	183	493
Mattresses and spring beds, not elsewhere specified.	1919	14	127	269	109	517	859
	1914	9	80	194	35	130	260
	1909	9	82	111	36	214	347
Mineral and soda waters	1919	129	713	1,101	500	2,687	5,322
	1914	161	520	844	208	1,093	2,162
	1909	114	374	589	123	527	1,295
Oil and cake, cottonseed	1919	47	2,067	18,899	1,373	26,275	31,715
	1914	84	2,028	21,671	697	12,340	14,982
	1909	71	1,618	17,215	437	7,075	9,178
Patent medicines and compounds.	1919	22	43	15	26	104	298
	1914	27	36	15	18	50	176
Printing and publishing[3]	1919	236	1,251	1,629	1,399	2,374	7,262
	1914	286	1,346	2,804	858	1,017	4,121
	1909	274	1,117	1,092	650	666	2,768
Saddlery and harness	1919	8	93	105	78	302	471
	1914	13	56	98	24	76	143
Slaughtering and meat packing.	1919	9	549	1,548	482	4,889	6,125
	1914	7	122	897	48	592	703
Stoves and ranges	1919	6	317	495	340	351	995
	1914	7	314	459	177	174	540
	1909	10	361	542	170	172	501
Turpentine and rosin	1919	174	3,014	329	2,002	1,784	5,892
	1914	160	3,411	164	850	521	2,047
	1909	175	3,519	384	906	486	2,472
All other industries	1919	208	17,850	193,718	20,271	69,005	102,774
	1914	197	6,257	87,406	3,644	12,974	21,749
	1909	208	4,049	38,979	1,943	7,507	12,803

[1] Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "iron and steel, cast-iron pipe"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork"; "iron and steel, welding"; and "textile machinery and parts."
[2] Includes "boxes, wooden packing," and "lumber, planing-mill products, not including planing mills connected with sawmills."
[3] Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing."

TABLE 31.—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.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
BIRMINGHAM All industries.	1919	329	17,264	170,319	19,894	86,819	127,214
	1914	352	10,863	118,180	6,505	25,512	43,144
	1909	248	8,999	55,311	4,392	14,010	24,128
Bread and other bakery products.	1919	32	403	647	249	1,705	2,557
	1914	16	361	250	154	565	996
	1909	14	333	162	142	561	912
Brick and tile, terra-cotta and fire-clay products.	1919	5	365	1,275	228	207	532
	1914	6	251	745	102	133	355
Carriages and wagons, including repairs.	1919	8	55	64	58	41	153
	1914	16	112	124	95	65	204
	1909	7	84	59	53	51	133
Confectionery and ice cream	1919	11	221	241	144	794	1,345
	1914	11	130	154	52	303	438
Foundry and machine-shop products.[1]	1919	62	4,708	10,144	5,465	9,676	19,675
	1914	78	2,565	5,326	1,575	2,940	5,975
	1909	41	2,681	3,932	1,328	2,962	5,479
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	6	78	534	109	209	373
	1914	11	120	786	76	409	562
	1909	15	242	1,620	112	596	815
Marble and stone work	1919	6	20	126	19	50	98
	1914	7	33	179	26	32	88
	1909	4	38	87	23	48	98
Patent medicines and compounds.	1919	5	7	1	7	14	30
	1914	8	9	9	5	10	42
	[2]1909	8	12	.....	8	13	61
Printing and publishing[3]	1919	43	549	770	671	1,332	4,073
	1914	56	489	854	382	553	2,088
	1909	49	347	322	248	300	1,154
All other industries	1919	151	10,858	156,517	12,944	72,795	98,378
	1914	143	6,793	109,753	4,038	20,502	32,396
	1909	110	5,262	49,129	2,478	9,479	15,476

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.		
MOBILE All industries.	1919	147	8,223	25,641	10,142	11,678	27,411
	1914	133	2,604	4,854	1,306	2,790	5,855
	1909	126	2,362	5,845	1,199	2,839	5,429
Bread and other bakery products.	1919	7	114	153	96	621	1,027
	1914	6	71	104	41	238	393
	1909	12	89	88	45	205	306
Confectionery and ice cream	1919	8	36	93	36	167	304
	1914	5	25	55	11	46	91
Copper, tin, and sheet-iron work.	1919	8	164	104	145	678	1,085
	1914	9	111	88	48	162	247
Foundry and machine-shop products.	1919	6	247	288	282	234	779
	1914	6	178	503	131	92	385
	1909	6	197	471	118	114	316
Ice, manufactured	1919	8	92	1,307	80	155	385
	1914	5	110	350	55	19	144
	1909	5	36	834	15	26	90
Lumber and timber products	1919	3	286	1,075	263	207	659
	1914	5	154	720	56	123	296
Printing and publishing[4]	1919	21	173	112	171	247	886
	1914	22	192	243	128	141	578
	1909	20	185	218	115	105	414
Tobacco, cigars	1919	11	35	.....	19	16	63
	1914	13	63	.....	22	23	64
	1909	10	105	.....	45	42	129
All other industries	1919	75	7,076	22,509	9,050	9,353	22,223
	1914	62	1,705	2,791	814	1,946	3,657
	1909	73	1,750	4,234	861	2,347	4,174

[1] Includes "automobile repairing"; "iron and steel, cast-iron pipe"; "iron and steel, welding"; "steam fittings and steam and hot-water heating apparatus"; and "structural ironwork," in all years; "hardware" in 1909 and 1914, and "engines, steam, gas, and water," in 1914 and 1919.
[2] Includes "druggists' preparations."
[3] Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing."
[4] Includes "engraving, steel and copper plate, including plate printing," in all years; "lithographing" in 1919; and "bookbinding and blank-book making" in 1914 and 1909.

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

ANNISTON	1919	48	2,685	12,803	2,556	6,372	11,105
	1914	40	2,327	4,965	1,023	2,546	4,365
	1909	39	2,167	9,310	870	2,824	4,333
BESSEMER	1919	34	2,107	19,846	2,848	12,750	18,443
	1914	47	1,772	15,700	1,069	3,838	6,023
	1909	30	1,753	14,963	969	3,983	5,801
GADSDEN	1919	39	2,852	30,929	3,230	9,395	13,820
	1914	34	2,065	22,063	1,268	2,739	4,583
	1909	27	786	1,524	355	904	1,525
MONTGOMERY	1919	97	3,658	12,007	3,413	13,628	21,102
	1914	83	2,539	9,797	1,271	4,869	7,780
	1909	73	2,284	6,355	1,003	3,024	5,442
SELMA	1919	41	1,703	5,434	1,374	6,737	9,484
	1914	41	1,145	3,777	519	2,994	4,024
	1909	35	813	2,686	349	1,595	2,382

TABLE 32.—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	3,654	120,889	3,914	4,104	4,395	1,317	107,159	De 117,622	Je 98,474	(3)	(3)	(3)	(3)	(3)	Dollars. 455,592,733
2	Artificial stone products	7	42	9	4	1	.....	28	De 33	Ja 24	32	32	.....	.....	.....	174,973
3	Automobile bodies and parts	9	114	9	8	8	.....	89	Oc 97	Mh[4] 83	111	111	.....	.....	.....	226,415
4	Automobile repairing	132	692	157	22	22	11	480	De 510	Ja 418	511	509	.....	2	.....	835,049
5	Awnings, tents, and sails	5	22	9	1	2	.....	10	Au 16	Ja[4] 5	14	9	5	.....	.....	22,146
6	Baskets, and rattan and willow ware	7	116	10	3	.....	.....	103	Ja 130	De 64	134	99	35	.....	.....	117,943
7	Boxes, wooden packing, except cigar boxes.	7	312	1	16	4	.....	291	Jy 338	De 226	286	258	28	.....	.....	372,213
8	Bread and other bakery products	108	1,170	125	56	124	72	793	De 869	My 736	890	622	260	7	1	1,708,672
9	Brick and tile, terra-cotta, and fire-clay products.	42	1,493	29	67	23	15	1,359	.....	.....	1,489	1,474	6	9	.....	4,180,012
10	Building brick, fancy, ornamental, vitrified, glazed, and enameled.	35	902	28	50	11	6	807	Oc 938	Ap 657	1,016	1,007	.....	9	.....	1,978,108
11	All other	7	591	1	17	12	9	552	Mh 670	De 433	473	467	6	.....	.....	2,201,904
12	Brooms, from broom corn	8	83	8	5	5	1	64	Se 72	Ja 54	70	62	7	1	.....	84,283
13	Butter	4	87	.....	14	7	1	65	Jy[4] 69	Ja[4] 59	68	63	5	.....	.....	449,570
14	Carriage and wagon materials	4	34	3	4	1	.....	26	De 40	Ja 19	40	40	.....	.....	.....	40,332
15	Carriages and wagons, including repairs.	38	353	44	14	11	3	281	.....	.....	280	279	.....	1	.....	1,122,623
16	Carriages and wagons	13	258	12	13	11	3	219	My 235	Ja 203	214	214	.....	.....	.....	1,051,075
17	Repair work exclusively	25	95	32	1	.....	.....	62	Se[4] 64	Ja[4] 59	66	65	.....	1	.....	71,548
18	Cars and general shop construction and repairs by electric-railroad companies.	6	174	.....	6	2	2	164	Jy 182	Oc 137	155	155	.....	.....	.....	1,124,109
19	Cars and general shop construction and repairs by steam-railroad companies.	20	9,291	.....	282	291	53	8,665	De 9,104	Je 7,643	9,105	9,079	24	2	.....	11,938,405
20	Charcoal, not including production in the lumber and wood distillation industries.	10	77	.....	5	2	.....	70	Oc 106	Je 25	90	90	.....	.....	.....	194,215
21	Clothing, men's	9	448	8	27	13	6	394	De 474	Jy 325	474	36	438	.....	.....	967,492
22	Coffee, roasting and grinding	10	104	5	9	22	4	64	Se[4] 72	Ja 57	72	39	33	.....	.....	370,575
23	Coffins, burial cases, and undertakers' goods.	5	125	1	8	12	2	102	Se 121	Je[4] 83	112	90	22	.....	.....	312,320
24	Coke, not including gas-house coke	28	3,890	2	103	179	13	3,533	.....	.....	3,632	3,632	.....	.....	.....	28,927,905
25	Ovens, other than by-product ovens.	23	1,435	2	25	32	6	1,370	Ja 1,681	My 1,036	1,663	1,663	.....	.....	.....	11,162,124
26	By-product ovens	5	2,395	.....	78	147	7	2,163	Se 2,409	Je 1,931	1,969	1,969	.....	.....	.....	17,765,781
27	Confectionery and ice cream	39	602	41	36	23	16	486	.....	.....	483	321	160	2	.....	1,127,715
28	Confectionery	21	429	24	17	13	9	366	Oc 429	Je 318	358	209	148	1	.....	675,247
29	Ice cream	18	173	17	19	10	7	120	My 155	Ja 76	125	112	12	1	.....	452,468
30	Copper, tin, and sheet-iron work	33	420	34	34	15	18	319	No 438	My[4] 245	385	319	52	14	.....	640,564
31	Cordage and twine	4	494	.....	11	5	3	475	Au 538	Oc 412	539	248	291	.....	.....	1,032,520
32	Cordials and flavoring sirups	3	17	.....	5	3	3	6	(5) 6	(5) 6	6	6	.....	.....	.....	102,249
33	Cotton goods	58	18,628	10	250	193	73	18,102	No 18,870	Ap 17,431	18,631	11,257	7,054	72	248	69,673,498
34	Fertilizers	40	1,402	7	110	120	29	1,136	Mh 2,212	Je 737	1,326	1,306	17	3	.....	12,221,284
35	Flour-mill and gristmill products	143	379	177	24	21	5	152	De 174	My 134	176	176	.....	.....	.....	1,385,731
36	Food preparations, not elsewhere specified.	14	227	14	21	26	6	160	.....	.....	188	130	58	.....	.....	1,397,255
37	Sweetening sirups, other than cane.	4	111	6	12	15	5	73	No 109	Ap[4] 58	95	67	28	.....	.....	910,220
38	Prepared feed for animal and fowl consumption.	5	65	4	6	7	1	47	Mh 56	Jy[4] 43	46	43	3	.....	.....	403,896
39	All other	5	51	4	3	4	.....	40	Ja[4] 48	Ja[4] 36	47	20	27	.....	.....	83,139
40	Foundry and machine-shop products	90	3,182	78	138	188	46	2,732	.....	.....	2,937	2,931	6	.....	.....	9,604,828
41	Boiler shops	5	89	5	7	4	.....	73	No 88	Je 61	157	157	.....	.....	.....	267,135
42	Foundries	12	637	10	35	44	7	541	Se 563	Je 522	529	526	3	.....	.....	1,402,366
43	Machine shops	60	1,766	57	58	108	36	1,507	No 1,622	Ap 1,417	1,608	1,605	3	.....	.....	6,425,906
44	Machine shop and foundry combined.	13	690	6	38	32	3	611	Se 693	Ap 532	643	643	.....	.....	.....	1,509,421
45	Furniture	5	109	4	7	3	2	93	De 100	Ja[4] 88	100	100	.....	.....	.....	137,715
46	Gas, illuminating and heating	12	568	.....	18	19	9	522	De 558	My 496	558	558	.....	.....	.....	7,575,500
47	Graphite, ground and refined	9	207	.....	18	22	2	165	Ap 222	Jy 115	298	297	1	.....	.....	1,808,674
48	Ice, manufactured	59	713	41	76	26	17	553	Au 759	Fe 357	572	557	3	12	.....	4,414,642
49	Iron and steel, blast furnaces	21	5,785	1	155	339	76	5,214	Ja 6,435	My 4,009	5,848	5,833	15	.....	.....	76,762,066
50	Iron and steel, steel works and rolling mills.	9	9,205	.....	230	656	168	8,121	Ja 8,595	Je 7,720	7,983	7,976	7	.....	.....	66,600,582
51	Iron and steel, cast-iron pipe	21	5,767	1	147	265	69	5,285	De 6,948	Fe 3,551	6,948	6,914	34	.....	.....	12,365,071
52	Iron and steel, welding	5	24	5	1	.....	2	16	Oc 20	My 14	18	16	1	1	.....	13,960
53	Knit goods	10	1,696	1	28	8	4	1,655	Oc 1,691	Jy 1,621	1,657	562	1,049	20	26	3,105,635
54	Lime	10	331	8	16	12	4	291	De 314	My 282	325	325	.....	.....	.....	1,423,701
55	Lumber and timber products	1,685	29,344	2,235	874	354	103	25,778	De 32,439	My 22,461	34,929	34,711	163	50	5	44,397,851
56	Lumber, planing-mill products, not including planing mills connected with sawmills.	82	1,272	94	92	42	16	1,028	No 1,231	Fe 829	1,232	1,214	15	3	.....	2,430,795
57	Marble and stone work	33	324	35	14	9	6	260	Au	.....	261	260	1	.....	.....	1,014,173
58	Monuments and tombstones	29	126	32	5	4	4	81	Au 88	Ja 67	82	81	1	.....	.....	160,960
59	Other marble and stone work, except slate.	4	198	3	9	5	2	179	(5) 179	(5) 179	179	179	.....	.....	.....	853,213
60	Mattresses and spring beds, not elsewhere specified.	14	168	10	29	5	6	127	Ju[4] 132	Oc 119	144	109	31	4	.....	420,372
61	Mineral and soda waters	129	1,072	140	96	93	24	713	Au 818	Ja 581	701	645	44	12	.....	2,415,539
62	Minerals and earths, ground	6	225	1	9	1	.....	214	Fe 286	Jy 176	253	253	.....	.....	.....	222,919
63	Oil and cake, cottonseed	47	2,405	4	197	103	34	2,067	De 2,979	Je 1,014	2,997	2,817	179	1	.....	10,723,890
64	Oil, not elsewhere specified	9	338	5	43	15	5	270	De 391	My 202	409	387	22	.....	.....	1,833,596

[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. 11,128,502	*Dollars.* 7,438,903	*Dollars.* 99,065,800	*Dollars.* 2,177,015	*Dollars.* 645,237	*Dollars.* 9,643,790	*Dollars.* 248,975,401	*Dollars.* 51,688,889	*Dollars.* 492,730,895	*Dollars.* 192,066,605	628,376	377,313	91,433	3,595	13,534	142,501	57,111	1
9,300	720	29,017	.....	1,260	85	44,899	283	122,937	77,755	25	.....	.....	10	.....	15	.....	2
9,439	7,489	86,440	.....	6,930	1,671	82,651	10,005	262,680	170,024	236	3	.....	.....	.....	233	.....	3
48,114	27,026	583,618	400	58,583	16,366	615,619	25,357	1,742,915	1,101,939	990	.....	.....	297	2	691	.....	4
900	3,720	4,746	300	1,470	396	22,874	269	42,014	18,871	8	.....	.....	.....	.....	8	.....	5
3,288	.....	40,709	.....	1,320	490	31,521	604	102,628	70,503	201	140	.....	14	.....	47	.....	6
27,380	3,940	163,835	.....	300	7,710	207,719	936	475,180	266,525	800	775	.....	.....	.....	25	5	7
131,869	210,440	565,560	80	65,718	33,139	3,476,624	84,009	5,432,935	1,872,302	1,047	110	3	47	.....	887	11	8
153,910	49,431	973,824	8,500	4,022	37,181	450,078	583,769	3,088,485	2,054,638	6,016	4,318	60	17	.....	1,621	222	9
111,823	16,680	590,810	8,500	4,022	13,247	139,623	370,093	1,956,055	1,446,339	3,923	2,988	60	17	.....	858	72	10
42,087	32,751	383,014	.....	.....	23,934	310,455	213,676	1,132,430	608,299	2,093	1,330	.....	.....	.....	763	150	11
10,777	7,384	57,317	.....	1,870	1,524	168,882	1,491	278,718	108,345	51	.....	.....	.....	.....	51	.....	12
27,905	9,394	42,358	.....	929	4,963	818,431	35,637	982,943	128,875	637	400	.....	50	.....	187	.....	13
7,981	2,404	19,568	.....	160	633	44,368	752	89,433	44,313	215	200	.....	15	.....	.....	.....	14
25,855	19,111	276,718	.....	8,216	16,570	452,796	17,756	983,483	512,901	697	480	.....	54	.....	163	.....	15
23,455	19,111	212,029	.....	4,615	15,759	383,540	14,526	801,506	403,440	528	420	.....	11	.....	97	.....	16
2,400	.....	64,689	.....	3,601	811	69,256	3,260	181,977	109,461	169	60	.....	43	.....	66	.....	17
7,060	2,289	250,762	.....	.....	13,739	229,762	11,964	515,536	273,810	551	500	.....	.....	.....	51	90	18
785,379	429,858	12,139,646	.....	.....	56,140	7,390,769	364,322	21,233,516	13,478,425	10,275	7,466	50	.....	.....	2,759	3,016	19
4,377	1,601	54,799	.....	1,000	1,046	64,149	46,954	191,328	80,225	.....	.....	.....	.....	.....	.....	.....	20
53,540	50,173	188,685	.....	8,665	19,272	1,057,451	4,446	1,551,688	489,791	120	10	.....	.....	.....	110	.....	21
23,298	44,676	45,485	.....	8,925	6,483	1,118,795	8,821	1,400,081	272,465	147	.....	.....	.....	.....	147	.....	22
19,473	22,726	91,308	.....	2,476	33,763	279,074	3,443	504,876	222,359	227	100	.....	.....	.....	127	.....	23
377,236	264,031	3,483,825	.....	38,293	417,164	1,698,866	16,929,550	24,669,105	6,040,689	13,147	5,525	5,250	.....	.....	2,372	3,951	24
83,403	60,822	1,154,650	.....	17,893	333,209	397,068	5,427,897	8,177,308	2,352,343	861	685	.....	.....	.....	176	30	25
293,833	203,209	2,329,175	.....	20,400	83,955	1,301,798	11,501,653	16,491,797	3,688,346	12,286	4,840	5,250	.....	.....	2,196	3,921	26
80,548	52,434	325,452	1,500	30,064	127,213	1,719,342	40,766	3,249,105	1,488,997	814	128	.....	52	.....	634	41	27
34,202	32,301	224,578	1,500	16,213	118,758	997,807	16,363	2,001,755	987,585	156	128	.....	2	.....	26	41	28
46,346	20,133	100,874	.....	13,851	8,455	721,535	24,403	1,247,350	501,412	658	.....	.....	50	.....	608	.....	29
104,363	35,939	290,141	464	13,818	13,134	1,198,097	8,397	1,990,727	784,233	173	.....	.....	15	.....	158	.....	30
34,657	7,085	301,308	.....	1,162	48,835	1,529,429	51,847	2,230,905	649,629	2,580	1,375	.....	.....	.....	1,205	.....	31
23,925	5,470	6,392	.....	2,862	9,720	317,825	315	457,060	138,920	14	.....	.....	.....	.....	14	.....	32
835,820	289,864	11,357,948	3,676	1,201	3,343,719	49,901,930	1,437,223	79,643,343	28,304,190	73,569	31,079	7,183	.....	11,900	23,407	3,192	33
267,540	208,769	1,043,507	822	614	306,852	7,427,033	149,377	11,624,913	4,048,503	5,908	2,499	.....	158	.....	3,251	40	34
58,761	37,995	132,981	1,312	6,775	11,402	3,793,875	54,065	4,565,179	717,239	4,994	1,305	.....	924	594	2,171	33	35
67,161	52,790	106,790	10,093	1,510	38,595	2,544,240	12,972	3,117,665	560,453	1,096	247	.....	12	.....	837	.....	36
39,380	33,041	37,339	7,188	100	36,322	1,815,734	5,038	2,251,116	430,344	247	160	.....	.....	.....	87	.....	37
19,081	12,949	46,181	2,905	660	999	601,187	3,953	676,541	71,401	710	87	.....	.....	.....	623	.....	38
8,700	6,800	23,270	.....	750	1,274	127,319	3,981	190,008	58,708	139	.....	.....	12	.....	127	.....	39
470,322	366,531	3,199,515	.....	26,060	386,734	5,121,582	250,581	11,531,480	6,159,317	5,326	1,504	.....	179	100	3,543	814	40
9,359	2,932	89,608	.....	987	2,077	104,602	5,775	258,712	148,335	187	132	.....	.....	.....	55	.....	41
93,186	70,192	664,580	.....	3,858	107,639	1,142,486	142,093	2,480,132	1,195,553	889	450	.....	4	.....	435	585	42
259,643	240,730	1,731,218	.....	19,906	259,489	2,750,563	56,514	6,338,370	3,531,293	3,028	692	.....	175	100	2,061	229	43
108,134	52,677	714,109	.....	1,309	17,529	1,123,931	46,199	2,454,266	1,284,136	1,222	230	.....	.....	.....	992	.....	44
15,800	8,040	73,940	.....	780	3,327	182,041	4,686	356,246	169,519	173	.....	.....	.....	.....	173	.....	45
42,113	34,571	544,427	1,846	900	88,455	127,474	634,281	1,646,047	884,292	333	296	.....	.....	.....	37	.....	46
44,646	17,381	158,289	1,200	108	19,990	91,414	46,283	337,425	199,728	4,005	200	.....	10	.....	3,795	.....	47
163,303	39,028	475,817	604	1,070	56,852	302,378	477,371	2,085,975	1,306,226	9,658	7,764	.....	45	.....	1,849	108	48
588,179	772,968	7,177,159	4,677	.....	789,485	24,302,536	20,568,476	57,018,105	12,147,093	138,951	108,401	29,003	.....	.....	1,547	9,996	49
945,919	1,124,678	9,331,613	.....	12,000	635,267	43,259,090	6,075,385	64,980,154	15,645,679	150,030	54,284	33,196	35	.....	62,515	18,845	50
499,709	477,142	5,776,258	5,413	13,380	453,439	8,381,774	1,079,183	18,784,305	9,323,348	10,754	3,545	.....	.....	.....	7,209	5,841	51
4,171	1,934	24,957	.....	1,430	345	25,482	1,337	79,067	52,248	19	.....	.....	.....	.....	19	.....	52
101,133	14,942	722,816	.....	2,583	60,959	3,218,346	56,619	4,757,008	1,482,043	1,555	400	.....	.....	.....	1,155	170	53
44,202	23,749	304,741	2,271	3,753	19,470	440,329	199,886	1,148,696	508,481	809	250	140	19	.....	400	.....	54
1,770,082	540,780	19,068,429	1,856,932	66,251	839,264	15,700,781	258,224	55,139,362	39,180,357	110,611	102,550	5,205	801	849	1,206	1,422	55
233,003	69,331	859,976	33,668	13,446	30,560	3,847,288	13,867	5,702,022	1,840,867	5,313	4,500	175	35	55	548	563	56
24,020	16,210	218,234	11,724	5,871	7,612	221,372	25,461	691,622	444,789	1,857	90	.....	15	.....	1,752	.....	57
8,800	7,440	93,940	10,675	5,355	1,665	148,152	5,530	358,122	204,440	164	.....	.....	15	.....	149	.....	58
15,220	8,770	124,294	1,049	516	5,947	73,220	19,931	333,500	240,349	1,693	90	.....	.....	.....	1,603	.....	59
63,089	25,737	108,602	150	6,354	29,455	511,866	5,552	858,684	341,266	269	.....	.....	.....	.....	269	.....	60
216,647	150,156	499,515	625	41,517	277,437	2,625,349	61,277	5,321,653	2,635,027	1,101	120	.....	120	.....	861	2	61
18,733	1,429	128,373	2,841	.....	2,031	68,999	17,665	274,106	187,442	1,412	700	.....	10	.....	702	160	62
435,919	175,521	1,372,550	34,516	16,600	255,047	25,738,492	536,470	31,714,872	5,439,910	18,899	16,386	200	65	.....	2,248	353	63
63,459	13,925	167,259	500	940	31,579	2,635,126	53,333	3,052,033	363,574	2,220	1,811	.....	115	.....	294	660	64

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

TABLE 32.—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	Patent medicines and compounds	22	93	12	17	17	4	43	Jy 57	Ja [3] 29	56	28	27	1	.....	199,409
2	Photo-engraving	3	16	2	3	1	.....	10	De 13	Ap [3] 9	13	10	2	1	.....	20,840
3	Pottery, earthen and stone ware	10	20	12	.....	.....	.....	8	Je 10	Ja [3] 5	10	10	.....	.....	.....	21,889
4	Printing and publishing, book and job.	76	702	57	68	47	28	502	De 536	Ja 450	535	386	147	2	.....	1,288,246
5	Printing and publishing, newspapers and periodicals.	156	1,471	150	115	361	148	697	.....	.....	733	645	47	40	1	3,406,284
6	Printing and publishing	24	942	14	80	334	85	429	De 454	Ja 405	444	399	16	29	.....	2,444,912
7	Printing, publishing, and job printing.	113	499	124	30	21	56	268	No 282	Ap 260	289	246	31	11	1	942,784
8	Publishing without printing	19	30	12	5	6	7	.....	.....	.....	.....	.....	.....	.....	.....	18,588
9	Roofing materials	3	38	1	5	.....	2	30	Oc 42	My 22	38	37	1	.....	.....	81,393
10	Saddlery and harness	8	105	9	2	1	.....	93	My 101	De 80	102	92	10	.....	.....	189,769
11	Shipbuilding, steel	4	5,801	.....	110	347	90	5,254	De 5,752	Fe 4,531	5,752	5,729	23	.....	.....	39,286,855
12	Slaughtering and meat packing	9	661	1	49	48	14	549	Ja 626	Se 487	553	485	68	.....	.....	1,876,429
13	Stoves and ranges	6	364	.....	30	13	4	317	De 424	Ja 247	424	424	.....	.....	.....	578,785
14	Structural ironwork, not made in steel works or rolling mills.	4	261	1	21	23	4	212	Se 236	My 182	229	229	.....	.....	.....	659,879
15	Textile machinery and parts	4	23	6	.....	.....	.....	17	Je 21	Ja [3] 8	20	15	5	.....	.....	22,149
16	Tobacco, cigars	25	88	23	3	1	.....	61	Ap 65	Au [3] 58	66	55	6	5	.....	38,591
17	Turpentine and rosin	174	3,379	213	136	15	1	3,014	Au 3,149	Ja 2,784	3,137	3,107	11	18	1	1,992,090
18	Wood distillation	4	188	.....	17	10	6	155	No 192	Ap 136	184	182	2	.....	.....	660,446
19	All other industries*	97	4,208	55	204	186	87	3,676	.....	.....	.....	.....	.....	.....	.....	17,245,072

*All other industries embrace—
Agricultural implements 1
Artificial limbs 2
Bags, other than paper, not including bags made in textile mills 2
Bookbinding and blank-book making 2
Boots and shoes 1
Brass and bronze products 4
Canning and preserving, fish 1
Canning and preserving, vegetables 2
Cars, steam-railroad, not including operations of railroad companies 1
Cement 2
Chemicals 2
Cleansing preparations 2
Clothing, women's 1
Coal-tar products 2
Cooperage 3
Dental goods 4
Druggists' preparations 3
Dyeing and finishing textiles, exclusive of that done in textile mills 1
Electrical machinery, apparatus, and supplies 1
Electroplating 1
Engines, steam, gas, and water 1
Engraving, steel and copper plate, including plate printing 1
Explosives 2
Ferroalloys 2
Foundry supplies 2
Glass, cutting, staining, and ornamenting 2
Grease and tallow 1
Hand stamps 1

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

1	**BIRMINGHAM**—All industries	329	20,260	193	886	1,444	473	17,264	No 18,202	My 16,109	18,690	17,663	1,006	21	.....	115,459,258
2	Automobile bodies and parts	4	63	5	4	3	.....	51	De 56	Au 44	56	56	.....	.....	.....	108,980
3	Automobile repairing	17	142	14	9	3	1	115	Au 130	Ja 89	129	129	.....	.....	.....	90,989
4	Bread and other bakery products	32	586	33	32	77	41	403	No 450	My 366	450	256	193	1	.....	847,167
5	Brick and tile, terra-cotta, and fire-clay products.	5	398	1	16	7	9	365	De 388	Mh 295	432	428	.....	4	.....	1,092,945
6	Brooms, from broom corn	3	51	2	5	5	.....	39	Se [3] 47	Ja 29	46	39	6	1	.....	55,358
7	Carriages and wagons, including repairs.	8	67	9	2	1	.....	55	My 68	Ja 41	53	53	.....	.....	.....	54,102
8	Cars and general shop construction and repairs by steam-railroad companies.	6	1,911	.....	80	37	11	1,783	Fe 1,905	Je 1,661	1,811	1,809	2	.....	.....	3,064,792
9	Confectionery and ice cream	11	266	5	22	12	6	221	Se 263	Ja 190	225	142	82	1	.....	402,918
10	Copper, tin, and sheet-iron work	8	101	6	10	2	.....	83	No 90	Fe 76	93	93	.....	.....	.....	83,056
11	Food preparations, not elsewhere specified.	5	91	3	8	11	2	67	Ja 77	Au [3] 59	72	37	35	.....	.....	458,657
12	Foundry and machine-shop products	33	2,054	22	84	143	38	1,767	Se 1,907	Ap 1,603	1,822	1,816	6	.....	.....	6,618,526
13	Ice, manufactured	6	143	2	18	4	5	114	Au 158	Ja 66	80	78	2	.....	.....	1,497,687
14	Iron and steel, cast-iron pipe	5	2,372	.....	64	157	40	2,111	De 2,783	Fe 1,465	2,783	2,750	33	.....	.....	6,365,497
15	Lumber, planing-mill products, not including planing mills connected with sawmills.	6	88	1	8	.....	1	78	De [3] 99	Fe 48	99	99	.....	.....	.....	272,556
16	Marble and stone work	6	30	6	1	1	2	20	Au 23	Ja [3] 18	22	22	.....	.....	.....	58,099
17	Mineral and carbonated waters	10	215	9	19	26	3	158	Jy 177	Ja 133	157	141	16	.....	.....	704,275
18	Oil and cake, cottonseed	4	356	.....	29	16	3	308	No 519	Jy 129	505	477	28	.....	.....	1,254,318
19	Patent medicines and compounds	5	10	1	1	.....	1	7	(1) 7	(1) 7	8	6	2	.....	.....	15,787
20	Printing and publishing, book and job.	24	389	16	36	39	16	282	De 304	Ja 238	304	218	85	1	.....	692,781
21	Printing and publishing, newspapers and periodicals.	16	593	9	42	226	97	219	De 236	Jy 201	231	227	4	.....	.....	1,465,808
22	Saddlery and harness	5	12	5	.....	.....	.....	7	Ja [3] 8	Jy [3] 6	7	7	.....	.....	.....	21,663
23	All other industries*	110	10,322	44	396	674	197	9,011	.....	.....	9,305	8,780	512	13	.....	90,233,297

*All other industries embrace—
Artificial limbs 2
Awnings, tents, and sails 2
Bags, other than paper, not including bags made in textile mills 2
Baskets, and rattan and willow ware 2
Bookbinding and blank-book making 2
Boxes, wooden packing, except cigar boxes 2
Brass and bronze products 3
Cars and general shop construction and repairs by electric-railroad companies 2
Cement 1
Chemicals 1
Cleansing preparations 2
Clothing, men's 2
Coal-tar products 1
Coffee, roasting and grinding 3
Coffins, burial cases, and undertakers' goods 3
Coke, not including gas-house coke 2
Cooperage, hogsheads and barrels 1
Cordials and flavoring sirups 2
Cotton goods 1
Dental goods 4
Druggists' preparations 1
Electroplating 1
Engines, steam, gas, and water 1
Engraving, steel and copper plate, including plate printing 1
Fertilizers 1
Flour-mill and gristmill products 3
Foundry supplies 2
Furniture, metal 1
Gas, illuminating and heating 1
Grease and tallow 1
Hand stamps 1
House-furnishing goods, not elsewhere specified 1
Instruments, medical and surgical 2
Iron and steel, blast furnaces 6

[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.										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—Continued.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
32,791	33,832	26,101	75	6,208	6,122	103,744	511	297,540	193,285	15	.....	.....	.....	.....	15	.....	1
10,919	1,685	11,750	120	1,416	275	6,763	790	44,482	36,929	13	.....	.....	.....	.....	13	.....	2
.....	.....	6,478	225	478	133	3,827	3,218	32,772	25,727	67	40	.....	14	.....	13	.....	3
176,938	71,056	481,819	19,470	44,894	21,054	749,899	18,757	1,994,661	1,226,005	395	.....	.....	.....	.....	395	3	4
378,171	461,846	869,882	70,487	32,444	135,640	1,507,980	44,231	5,054,877	3,502,656	1,201	.....	.....	133	6	1,062	2	5
292,911	395,930	592,624	6,790	7,600	81,161	1,153,592	28,538	3,496,283	2,314,153	711	.....	.....	3	.....	708	.....	6
80,470	60,116	277,258	30,495	22,806	54,323	353,889	15,645	1,494,429	1,124,895	455	.....	.....	130	6	319	2	7
4,790	5,800	.....	33,202	2,038	156	499	48	64,165	63,618	35	.....	.....	.....	.....	35	.....	8
11,232	1,756	29,475	.....	840	1,846	30,882	594	83,469	51,993	15	.....	.....	.....	.....	15	.....	9
11,700	865	77,536	.....	2,993	12,530	299,973	2,148	470,819	168,698	105	75	.....	.....	.....	30	.....	10
474,421	660,053	6,964,417	.....	17,456	216,814	6,084,983	222,109	15,909,618	9,602,526	19,609	5,309	10,660	164	.....	3,476	4,616	11
102,414	73,652	481,839	1,036	4,882	17,840	4,801,490	87,057	6,125,251	1,236,704	1,548	1,035	.....	.....	.....	513	273	12
70,929	18,286	339,610	.....	.....	26,920	319,492	31,862	994,882	643,528	495	80	.....	.....	.....	415	.....	13
93,987	31,642	136,707	.....	.....	23,874	692,063	8,164	1,143,292	443,065	345	.....	.....	.....	.....	345	.....	14
.....	.....	10,306	.....	840	288	50,259	679	66,911	15,973	19	.....	.....	.....	.....	19	.....	15
2,253	155	40,241	138	3,179	17,778	48,463	205	142,793	94,125	.....	.....	.....	.....	.....	.....	.....	16
213,834	20,125	2,002,190	37,200	450	42,282	1,745,901	38,382	5,892,492	4,108,209	329	183	4	111	28	3	.....	17
33,687	19,374	145,200	.....	.....	9,034	353,003	25,926	780,475	401,546	411	308	.....	.....	.....	103	.....	18
570,921	323,764	3,667,040	64,150	47,971	496,247	8,687,861	952,959	17,668,321	8,027,501	15,976	10,822	304	59	.....	4,791	2,682	19

Hardware, builders' 1
House-furnishing goods, not elsewhere specified 1
Instruments, medical and surgical 2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 1
Jewelry 1
Leather, tanned, curried, and finished 1
Lithographing 1
Musical instruments, pianos 1
Optical goods 1
Paints 1
Paper goods, not elsewhere specified 1
Paving materials 3
Peanuts, grading, roasting, cleaning, and shelling 1
Perfumery and cosmetics 3
Pickles 2
Refrigerators 1
Sausage casings 1
Shipbuilding, wooden, including boat building 4
Show cases 2
Stationery goods, not elsewhere specified 1
Steam fittings and steam and hot-water heating apparatus 2
Steam packing 3
Sulphuric, nitric, and mixed acids 1
Toys and games 1
Trunks and valises 1
Upholstering materials, excelsior 2
Vinegar 2
Window and door screens 1
Wood preserving 2
Wood, turned and carved 2

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

2,936,044	2,764,765	19,893,889	145,603	166,564	2,582,644	68,751,165	18,067,729	127,214,048	40,395,154	170,319	99,532	54,215	128	.....	16,444	30,999	1
7,089	4,259	45,169	.....	4,800	1,253	48,956	8,478	177,619	120,185	153	3	.....	.....	.....	150	.....	2
19,644	5,080	168,022	.....	11,920	5,520	132,939	5,306	411,099	272,854	210	.....	.....	22	.....	188	.....	3
67,899	137,405	249,239	80	23,204	10,537	1,666,844	37,690	2,557,028	852,494	647	110	.....	.....	.....	537	11	4
32,445	14,343	227,525	.....	76	4,196	93,880	113,130	531,991	324,981	1,275	875	.....	.....	.....	400	150	5
10,777	6,424	37,904	.....	1,330	1,325	118,058	880	193,629	74,691	21	.....	.....	.....	.....	21	.....	6
7,115	1,666	57,931	.....	3,349	633	40,096	1,308	152,868	111,464	64	.....	.....	.....	.....	64	.....	7
219,990	60,340	2,757,534	.....	.....	29,752	2,299,365	91,112	5,457,564	3,067,087	3,488	2,776	.....	.....	.....	712	567	8
60,390	25,244	143,500	1,500	14,853	37,861	778,725	15,277	1,344,572	550,570	241	25	.....	.....	.....	216	26	9
26,720	1,510	73,995	414	4,278	3,231	140,504	562	297,013	155,947	20	.....	.....	.....	.....	20	.....	10
28,581	20,871	55,226	.....	450	1,628	694,091	5,022	825,136	126,023	579	30	.....	.....	.....	549	.....	11
327,746	284,599	2,176,915	.....	18,153	288,006	3,941,035	172,469	8,198,090	4,084,586	3,497	770	.....	80	.....	2,647	664	12
54,165	9,260	87,704	.....	.....	24,255	37,476	117,970	482,016	326,570	2,865	2,375	.....	.....	.....	490	.....	13
235,657	280,182	2,319,992	.....	.....	230,315	3,264,007	434,612	7,462,086	3,763,467	4,858	1,150	.....	.....	.....	3,708	1,589	14
24,800	1,800	108,896	20,000	1,125	6,503	201,476	3,051	372,558	168,031	534	478	.....	.....	.....	56	.....	15
580	1,130	18,866	.....	1,030	753	47,898	1,743	98,264	48,623	126	.....	.....	.....	.....	126	.....	16
68,510	54,935	133,930	.....	6,445	85,228	681,608	11,676	1,535,455	842,171	309	.....	.....	.....	.....	309	.....	17
50,805	22,800	223,074	.....	.....	50,109	3,793,442	68,493	4,711,169	849,234	2,425	2,425	.....	.....	.....	.....	50	18
770	780	6,507	75	1,408	152	13,668	20	30,301	16,613	1	.....	.....	.....	.....	1	.....	19
95,125	51,835	279,678	8,229	18,937	12,839	501,123	11,607	1,196,865	684,135	208	.....	.....	.....	.....	208	.....	20
190,044	306,538	348,637	52,155	5,313	106,580	755,941	13,768	2,674,340	1,904,631	531	.....	.....	.....	.....	531	.....	21
.....	.....	6,347	.....	2,765	525	45,452	488	75,276	29,336	9	.....	.....	.....	.....	9	.....	22
1,407,192	1,473,734	10,367,298	63,150	47,128	1,631,443	49,454,581	16,953,067	88,429,109	22,021,461	148,258	88,515	54,215	26	.....	5,502	27,942	23

Iron and steel, steel works and rolling mills 2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 1
Iron and steel, welding 1
Jewelry 1
Knit goods 1
Lime 1
Lumber and timber products 1
Mattresses and spring beds, not elsewhere specified 5
Oil, mineral 1
Optical goods 1
Paper goods, not elsewhere specified 1
Perfumery and cosmetics 3
Photo-engraving 1
Pickles 1
Roofing materials 1
Sausage 1
Show cases 1
Slaughtering and meat packing 2
Stationery goods, not elsewhere specified 1
Steam fittings and steam and hot-water heating apparatus 2
Steam packing, including heat insulations 3
Stoves and ranges 2
Structural ironwork, not made in steel works or rolling mills 3
Tobacco, cigars 4
Trunks and valises 1
Turpentine and rosin 1
Upholstering materials, excelsior 1
Vinegar 2
Wood preserving 1

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

TABLE 32.—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 MOBILE—All industries	147	9,316	145	262	517	169	8,223	De 8,762	Fe 7,473	8,814	8,478	309	27	.....	Dollars. 48,553,257
2 Automobile repairing	9	54	10	1	3	1	39	My [2] 42	Ja 36	41	41	.....	.....	.....	168,351
3 Bread and other bakery products	7	172	9	10	28	11	114	De 125	Ja 100	125	106	18	1	.....	327,509
4 Coffee, roasting and grinding	5	16	4	1	1	.....	10	No [2] 12	Mh [2] 9	12	11	1	.....	.....	42,071
5 Confectionery and ice cream	8	53	11	4	1	1	36	Au 48	Ja 20	48	40	8	.....	.....	91,727
6 Copper, tin, and sheet-iron work	8	204	10	11	8	11	164	No 209	Au 84	214	149	52	13	.....	285,465
7 Foundry and machine-shop products	6	271	4	16	4	.....	247	No 282	Je 218	272	272	.....	.....	.....	502,066
8 Ice, manufactured	8	115	10	11	1	1	92	Au 133	Fe 56	92	92	.....	.....	.....	887,229
9 Lumber and timber products	3	302	4	9	2	1	286	No 347	Au 134	301	278	23	.....	.....	551,655
10 Mattresses and spring beds, not elsewhere specified	5	37	3	5	1	1	27	De 31	My 23	31	24	3	4	.....	69,386
11 Printing and publishing, book and job	14	128	11	10	.....	8	99	De 106	Fe 92	106	66	40	.....	.....	204,329
12 Shipbuilding, steel	4	5,801	.....	110	347	90	5,254	De 5,752	Fe 4,529	5,752	5,729	23	.....	.....	39,286,855
13 Tobacco, cigars	11	46	11	.....	.....	.....	35	Je 37	Fe 34	36	31	.....	5	.....	13,363
14 All other industries*	59	2,117	58	74	121	44	1,820	.....	.....	1,784	1,639	141	4	.....	6,123,251

*All other industries embrace—
Artificial stone products 2
Automobile bodies and parts 2
Awnings, tents, and sails 2
Baskets, and rattan and willow ware 1
Brooms, from broom corn 2
Carriages and wagons, including repairs 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
Clothing, men's 1
Druggists' preparations 2
Electrical machinery, apparatus, and supplies 1
Engraving, steel and copper plate, including plate printing 1
Flour-mill and gristmill products 2
Food preparations, not elsewhere specified 3

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

1 ANNISTON	48	2,976	28	117	115	31	2,685	De 3,401	Je 2,010	3,497	3,030	446	16	5	7,973,775
2 BESSEMER	34	2,384	30	79	131	37	2,107	Oc 2,457	Fe 1,774	2,294	2,285	9	.....	.....	15,881,730
3 DOTHAN	30	329	24	29	34	6	236	Oc 286	My 180	292	257	35	.....	.....	1,119,152
4 FLORENCE	26	819	15	33	19	8	744	Ja 797	Je 674	900	679	208	6	7	4,099,880
5 GADSDEN	39	3,043	25	54	85	27	2,852	De 3,046	Ap 2,689	2,972	2,945	27	.....	.....	18,285,572
6 MONTGOMERY	97	4,237	71	201	248	59	3,658	Mr 3,920	Je 3,270	3,894	3,336	533	25	.....	12,555,520
7 SELMA	41	1,923	34	94	55	37	1,703	Oc 1,825	Je 1,546	1,834	1,484	335	10	5	4,088,066
8 TUSCALOOSA	24	479	26	31	12	6	404	No 463	My 345	459	446	7	6	.....	1,266,052

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars. 929,668	*Dollars.* 953,820	*Dollars.* 10,141,606	*Dollars.* 14,470	*Dollars.* 95,236	*Dollars.* 370,838	*Dollars.* 10,935,975	*Dollars.* 742,463	*Dollars.* 27,410,702	*Dollars.* 15,732,264	25,641	9,495	10,660	336	2	5,148	4,942	1
5,000	3,180	52,179	.....	6,390	1,681	34,392	1,612	131,440	95,436	87	.....	.....	2	2	83	.....	2
42,088	43,666	96,196	.....	6,835	2,857	607,631	13,809	1,026,887	405,447	153	.....	.....	40	.....	113	.....	3
1,423	1,500	8,750	.....	2,200	264	69,590	1,006	89,504	18,908	30	.....	.....	.....	.....	30	.....	4
3,050	2,400	36,362	.....	5,028	1,566	162,866	4,288	303,689	136,535	93	.....	.....	50	.....	43	.....	5
36,587	28,549	145,312	.....	6,083	5,134	672,949	5,202	1,084,534	406,383	104	.....	.....	15	.....	89	.....	6
43,917	7,555	281,654	.....	2,720	4,141	217,586	15,946	778,856	545,324	288	110	.....	.....	.....	178	.....	7
31,475	2,712	80,227	.....	1,000	7,094	47,047	107,495	385,297	230,755	1,307	964	.....	.....	.....	343	35	8
24,311	3,857	263,234	5,500	3,760	5,228	198,483	9,000	659,219	451,736	1,075	1,075	.....	.....	.....	.....	201	9
17,340	1,600	23,053	.....	1,863	5,318	87,257	1,581	153,001	64,163	79	.....	.....	.....	.....	79	.....	10
32,881	6,827	88,942	1,357	6,874	3,497	90,491	2,984	314,758	221,283	86	.....	.....	.....	.....	86	.....	11
474,421	660,053	6,874,417	.....	17,456	216,814	6,084,983	222,109	15,909,618	9,602,526	19,609	5,309	10,660	164	.....	3,476	4,016	12
.....	.....	18,539	138	1,650	7,849	15,531	63	62,624	47,030	.....	.....	.....	.....	.....	.....	.....	13
217,175	192,521	2,172,741	7,475	33,377	109,395	2,647,169	357,368	6,511,275	3,506,738	2,730	2,037	.....	65	.....	628	90	14

Furniture, wooden, other than rattan and willow..... 1
Gas, illuminating and heating..... 1
Glass, cutting, staining, and ornamenting..... 1
Iron and steel, welding..... 2
Lithographing..... 1
Lumber, planing-mill products, not including planing mills connected with sawmills..... 5
Marble and stone work, monuments, and tombstones..... 3
Mineral and carbonated waters..... 4
Musical instruments, pianos..... 1
Paints..... 1
Patent medicines and compounds..... 1
Photo-engraving..... 1
Printing and publishing, newspapers and periodicals..... 5
Refrigerators..... 1
Shipbuilding, wooden, including boat building..... 4
Structural ironwork, not made in steel works or rolling mills..... 1
Turpentine and rosin..... 2
Wood preserving..... 1
Wood, turned and carved..... 1

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

376,394	190,118	2,555,774	2,595	42,917	243,049	5,133,096	1,239,185	11,104,935	4,732,654	12,803	6,302	.....	.....	.....	6,501	929	1
200,672	272,983	2,848,480	4,677	6,778	183,813	11,137,198	1,612,877	18,442,946	5,692,871	19,846	15,986	350	25	.....	3,485	3,490	2
42,575	29,193	160,109	44	7,804	18,249	1,261,175	34,354	1,766,656	471,127	1,224	725	.....	.....	.....	499	.....	3
71,273	37,169	599,592	.....	7,171	67,093	2,052,133	259,484	3,797,664	1,486,047	3,894	2,857	670	16	5	346	20	4
194,395	121,586	3,230,165	13,929	6,537	258,522	7,569,607	1,825,741	13,825,604	4,430,256	30,929	19,337	.....	.....	.....	11,592	.....	5
545,223	377,626	3,412,528	19,021	66,969	342,160	13,209,644	418,678	21,101,835	7,473,513	12,007	4,520	375	40	.....	7,072	655	6
204,275	103,143	1,373,878	3,776	11,107	123,454	6,535,859	201,089	9,483,626	2,746,678	5,434	4,715	.....	.....	.....	719	92	7
108,016	19,569	429,053	8,000	7,136	15,135	743,151	20,931	1,560,612	796,530	1,189	1,005	.....	.....	.....	184	.....	8

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

ARIZONA.

GENERAL STATISTICS.

General character of the state.—Arizona has a gross area of 113,956 square miles, of which 113,810 represent land surface. The inhabitants of the state in 1900 numbered 122,931; in 1910, 204,354; and in 1920, 334,162. Both in total population and in density of population Arizona ranked forty-fifth among the states in 1920. The number of inhabitants per square mile in 1910 was 1.8, the corresponding figure for 1920 being 2.9.

There were in the state in 1920 only two cities having more than 10,000 inhabitants—Phoenix and Tucson. These cities, with a combined population of 49,345, or 14.8 per cent of the total for Arizona, reported 9.9 per cent of the value of the state's manufactured products in 1919.

Importance and growth of manufactures (Table 1).—The large increases in wages, cost of materials, and value of products, as presented in Table 1, were chiefly due to the change in industrial conditions brought about by the World War, and therefore can not properly be used to measure the growth of manufactures during the census period 1914 to 1919. However, the increases in average number of wage earners and horsepower are significant evidences of the growth of the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the large increase in "Rent and taxes." The percentage of increase in the cost of materials (135.8) as compared with that for value of products (88.4) resulted in a small increase (13.4) in value added by manufacture. This condition was due to the copper smelting and refining industry, which in 1919 contributed more than two-thirds of the total value of products for the state. Between the time of purchase of the materials used and the turning out of the products the market value of copper had greatly decreased, necessarily affecting the normal business conditions pertaining to the disposition of the products.

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for other censuses with those for 1919. The statistics for this census, however, show that of the 14 counties in the state, 4—Cochise, Gila, Maricopa, and Yavapai—reported 84.8 per cent of the total value of products and 59.9 per cent of the average number of wage earners.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as to their true importance from a manufacturing standpoint. Their ranking might 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 23.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 90 or more wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—This table shows the rapid growth of manufactures in the cities between the industrial censuses 1914 and 1919. Measured by wage earners, there was a gain of 93 per cent in Phoenix and 98.1 per cent in Tucson, while if measured by the value of products the increase was 221.7 per cent in Phoenix and 167 per cent in Tucson.

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

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined and for the two cities. Except in the manufacture of confectionery and pickles and sauces there was no industry in the state in which the number of female wage earners predominated.

Prevailing hours of labor (Table 9).—The figures presented in this table show a decided shortening of the working day since the census of 1914. In that year 12.7 per cent of the wage earners were included in the group "48 and under," as against 34.7 per cent in 1919. On the other hand, in 1914 the "60" and "over 60" groups constituted 29.7 per cent of the total wage earners, as compared with 16.6 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries (Table 10).—The predominance of the number of small establishments, 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, 72.5 per cent were in the classes having fewer than 6 wage earners, while such establishments employed but 7.7 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 several instances to combine the establishments of one group with those of another group, to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for Phoenix and Tucson (Table 13).—This table shows that in Arizona all establishments with products valued at "$1,000,000 and over" were located outside the corporate limits of Phoenix and Tucson in 1919.

Character of ownership (Table 14).—It will be noted that while the number of establishments under corporate ownership formed 37.9 per cent of the total in 1914 and only 33.5 per cent in 1919, this group shows an increase of 21.6 per cent in the number of wage earners and 86.8 per cent in value of products during the five-year period.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that relatively the manufactures in Phoenix and Tucson were not of great importance as to value of products, the two cities combined reporting but 9.9 per cent of the total for the state in 1919 and 6.1 per cent in 1914. Their proportion of wage earners was greater, however, being 23.5 per cent in 1919 and 14.8 per cent in 1914.

Number and horsepower of types of prime movers (Table 16).—Although both the owned and rented power increased from census to census, the proportionate increase in rented (electric) power was the greater, being 161 per cent, as compared with 75.1 per cent for owned power, for the five-year period 1914–1919.

Fuel consumed (Table 17).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914 and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. The importance of the smelting and refining of copper industry in the state as a consumer of fuel will be realized from the fact that of the total fuel consumed by all industries in the state in 1919, this industry reported 83 per cent of the fuel oils, 99.1 per cent of the coke, and 42.4 per cent of the bituminous coal.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	480	322	311	169	154	49.1	3.5	84.0	9.7
Persons engaged	10,347	8,014	7,202	5,217	(2)	29.1	11.3	38.0	.....
Proprietors and firm members	416	267	261	133	(2)	55.8	2.3	96.2	.....
Salaried employees	1,403	849	500	291	205	65.3	69.8	71.8	42.0
Wage earners (average number)	8,528	6,898	6,441	4,793	3,126	23.6	7.1	34.4	53.3
Primary horsepower	103,958	54,697	39,140	21,412	8,537	90.1	39.7	82.8	150.8
Capital	$101,486,070	$40,300,365	$32,872,935	$14,395,654	$9,517,573	151.8	22.6	128.4	51.2
Salaries and wages	15,126,607	7,646,749	6,303,324	4,440,796	2,556,656	97.8	21.3	41.9	73.7
Salaries	3,111,838	1,417,876	798,141	471,548	269,304	119.5	77.6	69.3	75.1
Wages	12,014,769	6,228,873	5,505,183	3,969,248	2,287,352	92.9	13.1	38.7	73.5
Paid for contract work	153,153	174,830	18,796	179,124	(2)	−12.4	830.1	−89.5	.....
Rent and taxes	1,786,447	518,426	273,184	[3] 158,018	(2)	244.6	89.8	.....	.....
Cost of materials	92,645,437	39,283,038	33,600,240	14,595,057	7,876,542	135.8	16.9	130.2	85.3
Value of products	120,769,112	64,089,510	50,256,694	28,083,192	20,438,987	88.4	27.5	79.0	37.4
Value added by manufacture [4]	28,123,675	24,806,472	16,656,454	13,488,135	12,562,445	13.4	48.9	23.5	7.4

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

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

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture	Primary horsepower.
		Average number.	Wages.					
The state	480	8,528	$12,014,769	$1,786,447	$92,645,437	$120,769,112	$28,123,675	103,958
Apache	9	32	36,738	759	36,554	111,350	74,796	387
Cochise	49	1,772	2,395,408	700,528	24,269,598	31,758,805	7,489,207	41,409
Coconino	25	1,003	1,216,099	55,007	918,994	2,738,919	1,819,925	3,598
Gila	34	989	1,599,846	230,729	39,631,225	42,811,294	3,180,069	18,633
Graham	14	35	48,274	7,251	340,568	474,192	133,624	244
Greenlee	15	332	494,463	92,298	7,343,363	8,247,903	904,540	11,299
Maricopa	162	1,359	1,697,899	200,443	7,665,100	12,149,724	4,484,624	5,119
Mohave	12	17	24,262	4,063	39,772	92,767	52,995	157
Navajo	15	409	689,525	8,989	344,900	1,155,605	810,705	993
Pima	45	1,166	1,572,237	46,913	1,825,190	3,822,639	1,997,449	1,795
Pinal	22	29	36,798	6,818	84,794	179,680	94,886	203
Santa Cruz	18	109	107,109	20,238	150,602	354,277	203,675	359
Yavapai	38	990	1,703,317	387,225	9,420,201	15,648,648	6,228,447	18,194
Yuma	22	286	392,794	25,186	574,576	1,223,309	648,733	1,568

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	480	8,528	100.0	$120,769	100.0	$28,124	100.0
Smelting and refining, copper	10	3,112	36.5	94,184	78.0	15,515	55.2
Cars and general shop construction and repairs by steam-railroad companies	17	2,103	24.7	5,398	4.5	3,496	12.4
Flour-mill and gristmill products	12	72	0.8	2,392	2.0	425	1.5
Lumber and timber products	18	972	11.4	2,315	1.9	1,687	6.0
Bread and other bakery products	62	209	2.5	1,839	1.5	582	2.1
Printing and publishing, newspapers and periodicals	69	417	4.9	1,715	1.4	1,342	4.8
Oil and cake, cottonseed	3	90	1.1	1,670	1.4	552	2.0
Ice, manufactured	31	272	3.2	1,410	1.2	798	2.8
Slaughtering and meat packing	4	57	0.7	1,406	1.2	226	0.8
Butter	6	63	0.8	$1,148	1.0	$222	0.8
Automobile repairing	81	231	2.7	1,013	0.8	646	2.3
Gas, illuminating and heating	9	63	0.7	691	0.5	341	1.2
Confectionery and ice cream	19	82	1.0	515	0.4	181	0.6
Copper, tin, and sheet-iron work	16	51	0.6	437	0.4	181	0.6
Printing and publishing, book and job	15	95	1.1	372	0.3	269	1.6
Lumber, planing-mill products, not including planing mills connected with sawmills	8	67	0.8	364	0.3	148	0.5
Mineral and carbonated waters	26	51	0.6	322	0.3	167	0.6
All other industries	74	516	6.0	3,578	3.0	1,346	4.8

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

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	10,347	10,004	343	96.7	3.3
	1914	8,014	7,881	133	98.3	1.7
	1909	7,202	7,119	83	98.8	1.2
Proprietors and officials	1919	869	843	26	97.0	3.0
	1914	531	515	16	97.0	3.0
	1909	427	417	10	97.7	2.3
Proprietors and firm members	1919	416	398	18	95.7	4.3
	1914	267	255	12	95.5	4.5
	1909	261	253	8	96.9	3.1
Salaried officers of corporations	1919	134	130	4	97.0	3.0
	1914	100	98	2	98.0	2.0
	1909	51	50	1	98.0	2.0
Superintendents and managers	1919	319	315	4	98.7	1.3
	1914	164	162	2	98.8	1.2
	1909	115	114	1	99.1	0.9
Clerks and other subordinate salaried employees.	1919	950	773	177	81.4	18.6
	1914	585	520	65	88.9	11.1
	1909	334	299	35	89.5	10.5
Wage earners (average number)	1919	8,528	8,388	140	98.4	1.6
	1914	6,898	6,846	52	99.2	0.8
	1909	6,441	6,403	38	99.4	0.6
16 years of age and over	1919	8,499	8,360	139	98.4	1.6
	1914	6,885	6,835	50	99.3	0.7
	1909	6,404	6,366	38	99.4	0.6
Under 16 years of age	1919	29	28	1	96.6	3.4
	1914	13	11	2	84.6	15.4
	1909	37	37	.....	100.0	.....

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

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	8,528	98.0	1.6	0.3
	1914	6,898	99.1	0.7	0.2
	1909	6,441	98.8	0.6	0.6
Automobile repairing	1919	231	100.0	.....	.....
	1914	20	100.0	.....	.....
Bread and other bakery products	1919	209	84.7	13.9	1.4
	1914	148	97.3	1.4	1.4
Brick and terra-cotta products	1919	99	100.0	.....	.....
	1914	96	100.0	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	2,103	99.9	0.1	.....
	1914	1,377	100.0	.....	.....
Foundry and machine-shop products[1]	1919	97	100.0	.....	.....
	1914	83	100.0	.....	.....
Ice, manufactured	1919	272	100.0	.....	.....
	1914	203	99.5	.....	0.5
Lumber and timber products	1919	972	100.0	.....	.....
	1914	1,110	99.8	.....	0.2
Oil and cake, cottonseed[2]	1919	90	100.0	.....	.....
Printing and publishing, book and job	1919	95	81.1	17.9	1.0
	1914	69	82.6	15.9	1.4
Printing and publishing, newspapers and periodicals.	1919	417	89.7	5.8	4.6
	1914	266	89.5	7.9	2.6
Smelting and refining, copper	1919	3,112	99.7	0.3	.....
	1914	2,906	100.0	.....	.....
All other industries	1919	831	92.4	6.9	0.7
	1914	620	97.4	2.6	.....

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

[2] Not shown separately in 1914.

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.

	PHOENIX. 1919	1914	1909	TUCSON. 1919	1914	1909
Wage earners (average number)	861	446	304	1,141	576	555
16 years of age and over	859	446	297	1,127	573	554
Male	797	425	290	1,117	567	546
Female	62	21	7	10	6	8
Under 16 years of age	2	.....	7	14	3	1
Value of products	$8,140,679	$2,530,174	$1,467,142	$3,756,314	$1,406,818	$2,036,620

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

MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909
January	8,872	7,079	6,093	99.2	90.9	88.5
February	8,416	6,915	6,024	94.1	89.0	87.5
March	*7,911*	7,053	*6,003*	88.4	90.7	87.2
April	7,931	7,432	6,048	88.7	95.6	87.8
May	8,217	7,678	6,439	91.9	98.8	93.5
June	8,208	7,774	6,869	91.8	100.0	99.7
July	8,742	7,715	**6,888**	97.7	99.2	100.0
August	8,902	7,076	6,845	99.5	91.0	99.4
September	8,837	6,262	6,640	98.8	80.6	96.4
October	**8,945**	*5,847*	6,634	100.0	75.2	96.3
November	8,772	5,916	6,452	98.1	76.1	93.7
December	8,583	6,029	6,360	96.0	77.6	92.3

[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	8,528	8,872	8,416	7,911	7,931	8,217	8,208	8,742	8,902	8,837	8,945	8,772	8,583	88.4
Males	8,388	8,707	8,285	7,776	7,804	8,091	8,085	8,628	8,783	8,710	8,804	8,584	8,399	88.3
Females	140	165	131	135	127	126	123	114	119	127	141	188	184	60.6
Automobile repairing	231	214	211	211	217	225	226	224	234	244	247	250	269	78.4
Bread and other bakery products	209	200	201	208	204	210	204	204	203	207	224	228	215	87.7
Brick and terra-cotta products	99	35	58	88	101	102	106	149	137	146	134	91	41	23.5
Cars and general shop construction and repairs by steam-railroad companies	2,103	2,023	2,117	2,196	2,134	2,141	2,040	2,116	2,089	2,059	2,041	2,096	2,184	92.1
Foundry and machine-shop products	92	99	98	94	88	84	92	92	92	93	90	90	92	84.8
Ice, manufactured	272	184	185	216	257	307	344	365	361	355	276	212	202	50.4
Lumber and timber products	972	743	608	568	754	1,116	1,136	1,186	1,205	1,122	1,150	1,094	982	47.1
Oil and cake, cottonseed	90	141	137	98	46	25	48	31	46	68	149	146	145	16.8
Printing and publishing, book and job	95	98	98	98	96	94	93	90	92	93	97	97	94	91.8
Printing and publishing, newspapers and periodicals	417	397	403	401	402	412	411	424	416	420	431	435	452	87.8
Smelting and refining, copper	3,112	3,914	3,501	2,886	2,764	2,662	2,697	3,021	3,162	3,218	3,287	3,178	3,054	68.0
All other industries	836	824	799	847	868	839	811	840	865	812	819	855	853	92.1
Total for cities	2,002	1,912	1,919	1,977	1,945	1,984	1,963	1,976	1,986	2,004	2,089	2,123	2,146	89.1
Males	1,930	1,828	1,853	1,911	1,879	1,922	1,902	1,919	1,928	1,945	2,019	2,011	2,043	89.5
Females	72	84	66	66	66	62	61	57	58	59	70	112	103	50.9
PHOENIX	861	859	821	838	800	808	827	813	821	836	935	977	997	80.2
Males	799	785	765	782	745	757	777	766	773	786	874	875	903	82.5
Females	62	74	56	56	55	51	50	47	48	50	61	102	94	45.1
TUCSON	1,141	1,053	1,098	1,139	1,145	1,176	1,136	1,163	1,165	1,168	1,154	1,146	1,149	89.5
Males	1,131	1,043	1,088	1,129	1,134	1,165	1,125	1,153	1,155	1,159	1,145	1,136	1,140	89.5
Females	10	10	10	10	11	11	11	10	10	9	9	10	9	81.8

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	8,528	57	57	2,842	976	285	2,897	1,049	365
	1914	6,898	(2)	(2)	873	53	880	3,046	1,367	679
	1909	6,441	(2)	(2)	579	95	749	3,441	1,155	422
Automobile repairing	1919	231			107	3	90	23	5	3
	1914	20	(2)	(2)	2	16			2	
Bread and other bakery products	1919	209			102	48	24	23	8	4
	1914	148	(2)	(2)	22	1	12	25	66	22
Brick and terra-cotta products	1919	99	14		39		46			
	1914	96	(2)	(2)	26			5	65	
Cars and general shop construction and repairs by steam-railroad companies.	1919	2,103			1,482			621		
	1914	1,377	(2)	(2)	268		749			360
Foundry and machine-shop products[3]	1919	97			87	5	5			
	1914	83	(2)	(2)	35	15	32		1	
Ice, manufactured	1919	272			35			101	11	125
	1914	203						41	3	159
Lumber and timber products	1919	972			7		34		931	
	1914	1,110	(2)	(2)	10				1,100	
Oil and cake, cottonseed[4]	1919	90			25					65
Printing and publishing, book and job	1919	95			95					
	1914	69	(2)	(2)	67		2			
Printing and publishing, newspapers and periodicals	1919	417		57	359		1			
	1914	266	(2)	(2)	255		10	1		
Smelting and refining, copper	1919	3,112			193	890		2,029		
	1914	2,906						2,906		
All other industries	1919	831	43		311	30	85	100	94	168
	1914	620	(2)	(2)	188	21	75	68	130	138
Total for cities	1919	2,002	50	57	1,406	57	121	59	47	145
	1914	1,022	(2)	(2)	290	52	438	51	68	123
PHOENIX	1919	861	31		489	57	92	42	35	115
	1914	446	(2)	(2)	190	37	42	20	59	98
TUCSON	1919	1,141	19	57	977		29	17	12	30
	1914	576	(2)	(2)	100	15	396	31	9	25

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

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—														
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	480	8,528	57	291	660	80	834	27	846	6	383	10	1,639	7	2,427	2	1,739
Automobile repairing	81	231	4	67	152	10	79										
Bread and other bakery products	62	209	10	44	104	7	76	1	29								
Brick and terra-cotta products	13	99	2	5	12	6	87										
Cars and general shop construction and repairs by steam-railroad companies	17	2,103				5	45	5	166	1	68	4	644	1	330	1	850
Foundry and machine-shop products	10	92		5	13	4	52	1	27								
Ice, manufactured	31	272	1	18	41	8	83	3	90	1	58						
Lumber and timber products	18	972		12	25			1	22	1	53	2	298	2	574		
Oil and cake, cottonseed	3	90						3	90								
Printing and publishing, book and job	15	95	2	9	21	3	34	1	40								
Printing and publishing, newspapers and periodicals	69	417	20	33	71	12	112	2	70	1	57	1	107				
Smelting and refining, copper	10	3,112						1	47	1	63	3	590	4	1,523	1	889
All other industries	151	836	18	98	221	25	266	9	265	1	84						
Total for cities	147	2,002	19	77	184	32	331	16	473	1	57	1	107			1	850
PHOENIX	110	861	17	58	135	21	222	13	397			1	107				
TUCSON	37	1,141	2	19	49	11	109	3	76	1	57					1	850

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	480	322	311	8,528	6,898	6,441	$120,769,112	$64,089,510	$50,256,694	$28,123,675	$24,806,472	$16,656,454
Less than $5,000	110	102	117	80	109	129	303,604	264,684	273,045	202,728	181,199	186,124
$5,000 to $20,000	187	121	113	463	390	369	2,032,527	1,263,431	1,139,895	1,201,271	764,498	689,982
$20,000 to $100,000	126	63	55	1,003	721	675	5,348,365	2,378,433	2,519,424	2,796,683	1,472,012	1,424,581
$100,000 to $500,000	37	24	17	1,874	2,896	1,712	9,030,993	4,838,846	4,047,429	4,164,578	3,429,535	2,099,212
$500,000 to $1,000,000	8	4		1,062			5,649,768	2,347,233		2,433,986		
$1,000,000 and over	12	8	9	4,046	2,782	3,556	98,403,855	52,996,883	42,276,901	17,324,429	18,959,228	12,256,555
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	22.9	31.7	37.6	0.9	1.6	2.0	0.2	0.4	0.5	0.7	0.7	1.1
$5,000 to $20,000	39.0	37.6	36.3	5.4	5.7	5.7	1.7	2.0	2.3	4.3	3.1	4.1
$20,000 to $100,000	26.2	19.6	17.7	11.8	10.5	10.5	4.4	3.7	5.0	9.9	5.9	8.6
$100,000 to $500,000	7.7	7.5	5.5	22.0	42.0	26.6	7.5	7.5	8.1	14.8	13.8	12.6
$500,000 to $1,000,000	1.7	1.2		12.5			4.7	3.7		8.7		
$1,000,000 and over	2.5	2.5	2.9	47.4	40.3	55.2	81.5	82.7	84.1	61.6	76.4	73.6

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
AUTOMOBILE REPAIRING	81	3	100.0	100.0	231	20	100.0	100.0	$1,013,243	$32,691	100.0	100.0	$646,134	$29,187	100.0	100.0
Less than $5,000	22	.....	27.2	.....	20	.....	8.7	.....	67,561	.....	6.7	.....	46,703	.....	7.2	.....
$5,000 to $20,000	42	[1] 3	51.9	100.0	106	[1] 20	45.9	100.0	434,237	[1] 32,691	42.8	100.0	301,180	[1] 29,187	46.6	100.0
$20,000 to $100,000	17	.....	21.0	.....	105	.....	45.4	.....	511,445	.....	50.5	.....	298,251	.....	46.2	.....
BREAD AND OTHER BAKERY PRODUCTS	62	46	100.0	100.0	209	148	100.0	100.0	1,839,447	662,691	100.0	100.0	581,605	296,843	100.0	100.0
Less than $5,000	11	10	17.7	21.7	8	6	3.8	4.1	29,102	30,060	1.6	4.5	10,176	13,250	1.7	4.5
$5,000 to $20,000	25	28	40.3	60.9	39	73	18.7	49.3	311,359	319,792	16.9	48.3	108,508	134,039	18.7	45.2
$20,000 to $100,000	22	[2] 8	35.5	17.4	94	[2] 69	45.0	46.6	884,993	[2] 312,839	48.1	47.2	273,051	[2] 149,554	46.9	50.4
$100,000 to $500,000	4	.....	6.5	.....	68	.....	32.5	.....	613,993	.....	33.4	.....	189,870	.....	32.6	.....
FLOUR-MILL AND GRISTMILL PRODUCTS	12	8	100.0	100.0	72	38	100.0	100.0	2,392,089	1,064,996	100.0	100.0	425,170	215,005	100.0	100.0
Less than $20,000	4	.....	33.3	.....	1	.....	1.4	.....	31,344	.....	1.3	.....	8,391	.....	2.0	.....
$20,000 to $100,000	3	[3] 3	25.0	37.5	3	[3] 5	4.2	13.2	131,821	[3] 55,460	5.5	5.2	31,840	[3] 10,139	7.5	4.7
$100,000 and over	5	5	41.7	62.5	68	33	94.4	86.8	2,228,924	1,009,536	93.2	94.8	384,939	204,866	90.5	95.3
ICE, MANUFACTURED	31	27	100.0	100.0	272	203	100.0	100.0	1,410,148	807,278	100.0	100.0	797,910	535,921	100.0	100.0
Less than $5,000	5	3	16.1	11.1	3	4	1.1	2.0	15,335	11,492	1.1	1.4	10,679	7,774	1.3	1.5
$5,000 to $20,000	9	10	29.0	37.0	19	29	7.0	14.3	98,300	114,259	7.0	14.2	51,656	72,319	6.5	13.5
$20,000 to $100,000	13	[2] 14	41.9	51.9	111	[2] 170	40.8	83.7	623,190	[2] 681,527	44.2	84.4	380,427	[2] 455,828	47.7	85.1
$100,000 to $500,000	4	.....	12.9	.....	139	.....	51.1	.....	673,323	.....	47.7	.....	355,148	.....	44.5	.....
LUMBER AND TIMBER PRODUCTS	18	17	100.0	100.0	972	1,110	100.0	100.0	2,315,008	1,462,791	100.0	100.0	1,686,686	995,396	100.0	100.0
Less than $5,000	5	10	27.8	58.8	6	14	0.6	1.3	12,551	20,860	0.5	1.4	11,011	15,358	0.6	1.5
$5,000 to $20,000	[1] 8	3	44.4	17.6	[1] 42	19	4.3	1.7	[1] 106,582	25,160	4.6	1.7	[1] 83,746	21,770	5.0	2.2
$100,000 and over	5	4	27.8	23.5	924	1,077	95.1	97.0	2,195,875	1,416,771	94.9	96.9	1,591,929	958,268	94.4	96.3
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	69	61	100.0	100.0	417	266	100.0	100.0	1,714,510	817,290	100.0	100.0	1,342,251	685,896	100.0	100.0
Less than $5,000	27	33	39.1	54.1	16	34	3.8	12.8	66,589	81,976	3.9	10.0	55,060	69,637	4.1	10.2
$5,000 to $20,000	26	18	37.7	29.5	62	58	14.9	21.8	269,049	183,254	15.7	22.4	200,762	155,816	15.0	22.7
$20,000 to $100,000	12	[2] 10	17.4	16.4	104	[2] 174	24.9	65.4	529,723	[2] 552,060	30.9	67.5	386,948	[2] 460,443	28.8	67.1
$100,000 to $500,000	4	.....	5.8	.....	235	.....	56.4	.....	849,149	.....	49.5	.....	699,481	.....	52.1	.....

[1] Includes the group "$20,000 to $100,000." [2] Includes the group "$100,000 to $500,000." [3] Includes the group "Less than $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. 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.
PHOENIX	110	861	100.0	$8,140,679	100.0	$3,061,934	100.0
Less than $5,000	20	11	1.3	56,816	0.7	36,605	1.2
$5,000 to $20,000	44	99	11.5	490,522	6.0	304,696	10.0
$20,000 to $100,000	27	176	20.4	1,207,949	14.8	603,988	19.7
$100,000 to $500,000	14	417	48.4	2,907,922	35.7	1,268,699	41.4
$500,000 to $1,000,000	5	158	18.4	3,477,470	42.7	847,946	27.7
TUCSON	37	1,141	100.0	3,756,314	100.0	1,958,426	100.0
Less than $5,000	5	5	0.4	14,140	0.4	10,449	0.5
$5,000 to $20,000	16	71	6.2	186,852	5.0	108,653	5.5
$20,000 to $100,000	11	105	9.2	474,901	12.6	228,937	11.7
$100,000 and over	5	960	84.1	3,080,421	82.0	1,610,387	82.2

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

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	227	161	92	8,528	618	7,660	250	7.2	89.8	2.9	$120,769,112	$3,554,146	$115,651,302	$1,563,664	2.9	95.8	1.3
	1914	144	122	56	6,898	371	6,299	228	5.4	91.3	3.3	64,089,510	1,194,444	61,914,538	980,528	1.9	96.6	1.5
	1909	141	[1] 120	50	6,441	306	[1] 5,747	388	4.8	89.2	6.0	50,256,694	1,055,203	[1] 48,305,675	895,816	2.1	96.1	1.8
Automobile repairing	1919	42	15	24	231	102	74	55	44.2	32.0	23.8	1,013,243	466,222	291,424	255,597	46.0	28.8	25.2
	1914	1	1	1	20	[2] 20	.....	.....	100.0	.....	.....	32,691	[2] 32,691	.....	.....	100.0	.....	.....
Bread and other bakery products.	1919	50	.....	12	209	176	.....	33	84.2	.....	15.8	1,839,447	1,358,212	.....	481,235	73.8	.....	26.2
	1914	34	2	10	148	110	.....	[3] 38	74.3	.....	25.7	662,691	498,728	.....	[3] 163,963	75.3	.....	24.7
Flour-mill and gristmill products.	1919	1	10	1	72	.....	[4] 72	.....	.....	100.0	.....	2,392,089	.....	[4] 2,392,089	.....	.....	100.0	.....
	1914	1	6	1	38	.....	[4] 38	.....	.....	100.0	.....	1,064,996	.....	[4] 1,064,996	.....	.....	100.0	.....
Ice, manufactured	1919	5	18	8	272	9	247	16	3.3	90.8	5.9	1,410,148	51,030	1,267,916	91,202	3.6	89.9	6.5
	1914	2	21	4	203	.....	165	[5] 38	.....	81.3	18.7	807,278	.....	702,135	[5] 105,143	.....	87.0	13.0
Lumber and timber products.	1919	7	6	5	972	15	895	62	1.5	92.1	6.4	2,315,008	43,947	2,148,132	122,929	1.9	92.8	5.3
	1914	9	5	3	1,110	25	1,078	7	2.3	97.1	0.6	1,462,791	36,730	1,417,331	8,730	2.5	96.9	0.6
Printing and publishing, newspapers and periodicals.	1919	34	23	12	447	61	347	9	14.6	83.2	2.2	1,714,510	230,544	1,408,943	75,023	13.4	82.2	4.4
	1914	32	21	8	266	46	204	16	17.3	76.7	6.0	817,290	136,191	643,864	37,235	16.7	78.8	4.6
Total for cities	1919	69	54	24	2,002	251	1,696	55	12.5	84.7	2.7	11,896,993	1,519,392	9,955,303	422,298	12.8	83.7	3.5
	1914	47	35	22	1,022	170	749	103	16.6	73.3	10.1	3,936,992	614,011	2,814,916	508,065	15.6	71.5	12.9
PHOENIX	1919	53	39	18	861	181	644	36	21.0	74.8	4.2	8,140,679	1,223,740	6,605,616	311,323	15.0	81.1	3.8
	1914	32	25	18	446	105	252	89	23.5	56.5	20.0	2,530,174	452,647	1,623,809	453,718	17.9	64.2	17.9
TUCSON	1919	16	15	6	1,141	70	1,052	19	6.1	92.2	1.7	3,756,314	295,652	3,349,687	110,975	7.9	89.2	3.9
	1914	15	10	4	576	65	497	14	11.3	86.3	2.4	1,406,818	161,364	1,191,107	54,347	11.5	84.7	3.9

[1] Includes cooperative establishments.
[2] Includes the groups "Corporations" and "All others."
[3] Includes the group "Corporations."
[4] Includes the groups "Individuals" and "All others."
[5] Includes the group "Individuals."

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

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.						THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	2	.....	1	.....	1	.....	.....	.....
	1914	.....	2	.....	2	.....	.....	.....	.....	.....
	1909	.....	2	.....	2	.....	.....	.....	.....	.....
Population [1]	1920	334,162	49,345	14.8	20,292	6.1	29,053	8.7	284,817	85.2
	1915	239,053	32,579	13.6	32,579	13.6	.....	.....	206,474	86.4
	1910	204,354	24,327	11.9	24,327	11.9	.....	.....	180,027	88.1
Number of establishments	1919	480	147	30.6	37	7.7	110	22.9	333	69.4
	1914	322	104	32.3	104	32.3	.....	.....	218	67.7
	1909	311	92	29.6	92	29.6	.....	.....	219	70.4
Average number of wage earners	1919	8,528	2,002	23.5	1,141	13.4	861	10.1	6,526	76.5
	1914	6,898	1,022	14.8	1,022	14.8	.....	.....	5,876	85.2
	1909	6,441	859	13.3	859	13.3	.....	.....	5,582	86.7
Value of products	1919	$120,769,112	$11,896,993	9.9	$3,756,314	3.1	$8,140,679	6.8	$108,872,119	90.1
	1914	64,089,510	3,936,992	6.1	3,936,992	6.1	.....	.....	60,152,518	93.9
	1909	50,256,694	3,503,762	7.0	3,503,762	7.0	.....	.....	46,752,932	93.0
Value added by manufacture	1919	28,123,675	5,020,360	17.9	1,958,426	7.0	3,061,934	10.9	23,103,315	82.1
	1914	24,806,472	1,930,577	7.8	1,930,577	7.8	.....	.....	22,875,895	92.2
	1909	16,656,454	1,370,224	8.2	1,370,224	8.2	.....	.....	15,286,230	91.8

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

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

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	1,619	767	445	103,958	54,697	39,140	100.0	100.0	100.0
Owned	265	229	209	79,111	45,177	35,626	76.1	82.6	91.0
Steam [1]	195	190	174	77,138	44,312	34,212	74.2	81.0	87.4
Engines	172	(2)	(2)	37,538	(2)	(2)	36.1		
Turbines	23	(2)	(2)	39,600	(2)	(2)	38.1		
Internal-combustion engines	68	37	31	1,773	795	1,285	1.7	1.5	3.3
Water	2	2	4	200	70	129	0.2	0.1	0.3
Water wheels and turbines	1	2	4	160	70	129	0.2	0.1	0.3
Water motors	1			40					
Rented	1,354	538	236	24,847	9,520	3,514	23.9	17.4	9.0
Electric	1,354	538	236	24,847	8,918	3,314	23.9	16.3	8.5
Other					602	200		1.1	0.5
Electric	2,095	1,016	496	44,903	23,118	15,100	100.0	100.0	100.0
Rented	1,354	538	236	24,847	8,918	3,314	55.3	38.6	21.9
Generated by establishments reporting	741	478	260	20,056	14,200	11,786	44.7	61.4	78.1

[1] Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power. [2] Not reported separately.

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

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	159	44,976	143,567	2,091,578	1,570	10,676
1914	5,002	41,341	266,697	1,324,588	(1)	5,613
Per cent of increase [2]	—96.8	8.8	—46.2	58.0	(1)	90.2
Bread and other bakery products		343	315	2,104	355	1,253
Butter		190		4,987	74	15
Cars and general shop construction and repairs by steam-railroad companies	58	14,453		131,767	2	
Condensed milk				22,355		
Gas, illuminating and heating			550	87,244		
Ice, manufactured		7,995		72,427	326	
Lumber and timber products				19,748		
Paving materials				6,093	250	
Smelting and refining, copper	101	19,062	142,257	1,735,118	162	
All other industries		2,933	445	9,735	401	9,408
Total for cities		9,420	972	128,066	30	9,429
PHOENIX		9,180	122	68,433	30	6,553
TUCSON		240	850	59,633		2,876

[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 two of these industries in Arizona are here presented.

Flour-mill and gristmill products (Table 18).—The leading product, wheat flour, formed 69.2 per cent of the total value of products of the industry in 1919, as compared with 46.4 per cent in 1914, while the value of feed and offal decreased from 43.6 per cent of the total value of products in 1914 to 17.6 per cent in 1919.

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

	1919	1914	1909
Total value	$2,392,089	$1,064,996	$1,316,757
Wheat flour:			
Barrels	150,254	79,414	79,526
Value	$1,655,632	$493,648	$530,244
Corn meal and corn flour:			
Barrels	8,096	2,414	1,902
Value	$75,084	$9,756	$9,121
Bran and middlings:			
Tons	5,732	3,706	23,054
Value	$239,777	$97,593	$777,392
Feed and offal:			
Tons	8,854	14,878	
Value	$421,596	$463,999	

Printing and publishing (Table 19).—This table shows the number and aggregate circulation per issue of the different classes of publications for the years 1919, 1914, and 1909. Twelve of the 20 daily newspapers published in 1919 were issued in the evening, with an aggregate circulation of 28,758. The "All other classes" included 3 semiweekly, 1 triweekly, 6 monthly, and 2 semimonthly publications. In 1919, 2 weekly, 1 triweekly, 1 monthly, and 1 semimonthly publications were printed in Spanish. The combined circulation of these was 4,550.

TABLE 19.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	86	76	73	157,934	111,064	79,808
Daily	20	16	19	56,995	32,875	33,328
Sunday	9	8	9	32,126	18,244	17,400
Weekly	45	46	41	33,407	41,420	24,675
All other classes	12	6	4	35,403	18,525	4,405

Laundries (Table 20).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 20, however, summarizes the statistics for such laundries in the state of Arizona for 1919 and 1914.

Dyeing and cleaning (Table 21).—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 20.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	21	17	.....
Persons engaged	598	403	48.4
Proprietors and firm members	13	19	.....
Salaried employees	46	25	.....
Wage earners (average number)	539	359	50.1
Primary horsepower	685	264	159.5
Capital	$444,981	$266,812	66.8
Salaries and wages	503,443	225,676	123.1
Salaries	72,838	30,998	135.0
Wages	430,605	194,678	121.2
Paid for contract work	1,688	.....	.....
Rent and taxes	22,933	10,402	120.5
Cost of materials	253,740	76,779	230.5
Amount received for work done	987,438	425,999	131.8

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

TABLE 21.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	15
Persons engaged	104
Proprietors and firm members	17
Salaried employees	8
Wage earners (average number)	79
Primary horsepower	69
Capital	$60,691
Salaries and wages	102,185
Salaries	7,138
Wages	95,047
Rent and taxes	10,999
Cost of materials	32,978
Amount received for work done	200,055

GENERAL TABLES.

Table 22 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and for Phoenix and Tucson similar data are shown for all industries combined, for the census years 1919, 1914, and 1909. Certain kindred industries are combined in some instances for comparison with 1909.

Table 23 presents, for 1919, statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations and statistics for all industries combined for cities of 10,000 inhabitants or more.

TABLE 22.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
All industries	1919	480	8,528	103,958	$12,015	$92,645	$120,769
	1914	322	6,898	54,697	6,229	39,283	64,090
	1909	311	6,441	39,140	5,505	33,600	50,257
Artificial stone products	1919	7	33	56	47	229	299
	1914	4	7	20	5	9	20
	1909	14	25	2	11	20	43
Automobile repairing	1919	81	231	422	357	367	1,013
	1914	3	20	9	20	4	33
Bread and other bakery products.	1919	62	209	158	262	1,258	1,839
	1914	46	148	38	131	366	663
	1909	40	112	19	96	274	478
Brick and terra-cotta products	1919	13	99	178	102	56	188
	1914	12	96	300	71	39	176
Butter	1919	6	68	291	86	926	1,148
	1914	4	37	162	41	454	598
	1909	7	28	(1)	25	256	325
Cars and general shop construction and repairs by steam-railroad companies.	1919	17	2,103	3,405	3,153	1,903	5,398
	1914	7	1,377	2,401	1,187	922	2,295
	1909	10	1,089	892	976	1,301	2,394
Confectionery and ice cream	1919	19	82	121	89	334	515
	1914	4	27	16	17	54	89
Copper, tin, and sheet-iron work.	1919	16	51	110	78	256	437
	1914	10	30	10	30	78	139
Flour-mill and gristmill products.	1919	12	72	928	98	1,967	2,392
	1914	8	38	536	34	850	1,065
	1909	10	54	784	42	1,129	1,317
Foundry and machine-shop products.[2]	1919	14	97	232	136	115	301
	1914	11	83	170	72	52	172
	1909	10	64	136	47	47	120
Gas, illuminating and heating	1919	9	63	590	85	350	691
	1914	9	59	646	41	90	267
	1909	8	20	153	20	47	137
Ice, manufactured	1919	31	272	4,557	$372	$612	$1,410
	1914	27	203	3,153	186	271	807
	1909	23	117	2,569	112	144	501
Lumber and timber products[3]	1919	26	1,039	3,609	1,246	844	2,679
	1914	28	1,155	3,126	826	543	1,634
	1909	23	839	2,953	639	337	1,419
Marble and stone work	1919	6	13	200	21	48	111
	1914	5	11	112	10	10	24
	1909	4	247	1,300	215	28	335
Mineral and carbonated waters.	1919	26	51	115	56	155	322
	1914	16	31	44	22	49	114
	1909	18	26	(1)	20	38	100
Printing and publishing	1919	84	512	512	541	475	2,087
	1914	74	335	273	303	178	997
	1909	64	268	221	232	168	784
Saddlery and harness	1919	4	24	21	25	88	148
	1914	3	30	29	27	57	111
Smelting and refining, copper	1919	10	3,112	86,253	4,772	78,669	94,184
	1914	9	2,906	41,993	2,969	34,380	53,438
	1909	8	3,129	29,042	2,776	29,242	41,059
All other industries	1919	37	397	2,200	489	3,993	5,607
	1914	42	305	1,659	237	877	1,448
	1909	72	423	1,069	294	569	1,245
CITY.							
PHOENIX	1919	110	861	2,844	1,020	5,079	8,141
	1914	75	446	1,779	418	1,346	2,530
	1909	57	304	669	242	864	1,467
TUCSON	1919	37	1,141	1,656	1,544	1,798	3,756
	1914	29	576	1,977	476	660	1,407
	1909	35	555	1,403	512	1,270	2,037

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

TABLE 23.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments.	Persons engaged in the industry.								Wage earners dec. 15, or nearest representative day.					Capital.
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
						Male.	Female.	Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.		Male.	Female.	Male.	Female.	
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	480	10,347	416	453	773	177	8,528	Oc 8,945	Mh 7,911	(2)	(2)	(2)	(2)	(2)	*Dollars.* 101,486,070
2	Artificial stone products	7	44	6	3	1	1	33	De 38	Ja 26	38	38	.....	.....	.....	65,190
3	Automobile repairing	81	374	95	18	16	14	231	De 269	Fe [4] 211	279	279	.....	.....	.....	602,394
4	Awnings, tents, and sails	3	13	3	1	1	.....	8	My [4] 9	Ja [4] 7	8	8	.....	.....	.....	27,265
5	Bread and other bakery products	62	315	78	3	21	4	209	No 228	Ja 200	218	184	31	3	.....	463,234
6	Brick and terra-cotta products	13	113	12	2	.....	.....	99	Jy 149	Ja 35	128	128	.....	.....	.....	249,261
7	Butter	6	86	1	8	4	5	68	Jy [4] 77	Ja 58	62	62	.....	.....	.....	388,962
8	Cars and general shop construction and repairs by steam-railroad companies.	17	2,258	.....	75	71	9	2,103	Mh 2,196	Ja 2,023	2,108	2,105	2	1	.....	2,145,759
9	Confectionery and ice cream	19	119	23	10	2	2	82	.....	.....	97	52	44	.....	1	161,000
10	Confectionery	6	30	10	1	.....	.....	19	Ja [4] 24	Jy 12	24	7	16	.....	1	36,252
11	Ice cream	13	89	13	9	2	2	63	No 81	Fe 52	73	45	28	.....	.....	124,748
12	Copper, tin, and sheet-iron work	16	76	19	2	3	1	51	No 56	Fe 48	55	55	.....	.....	.....	187,697
13	Flour-mill and gristmill products	12	113	3	22	11	5	72	Jy 87	Ja 64	73	73	.....	.....	.....	3,209,015
14	Foundry and machine-shop products	10	109	6	9	2	.....	92	Ja 99	My 84	92	92	.....	.....	.....	353,240
15	Gas, illuminating and heating	9	122	.....	19	27	13	63	Fe 66	Oc 60	60	60	.....	.....	.....	1,613,634
16	Ice, manufactured	31	360	23	36	25	4	272	Jy 365	Ja 184	226	226	.....	.....	.....	1,928,003
17	Iron and steel, welding	4	12	7	.....	.....	.....	5	Oc [4] 6	Ja [4] 4	6	6	.....	.....	.....	26,616
18	Lumber and timber products	18	1,039	17	23	17	10	972	Au 1,205	Mh 568	1,047	1,042	5	.....	.....	2,947,503
19	Lumber, planing-mill products, not including planing mills connected with sawmills.	8	82	6	6	2	1	67	Au 86	Fe 51	72	72	.....	.....	.....	248,454
20	Marble and stone work	6	24	4	7	.....	.....	13	Oc [4] 15	Ja [4] 11	14	14	.....	.....	.....	64,850
21	Mineral and carbonated waters	26	74	18	2	1	2	51	Au 65	Ja 33	50	47	.....	3	.....	182,818
22	Oil and cake, cottonseed	3	118	.....	12	7	9	90	Oc 149	My 25	97	97	.....	.....	.....	510,135
23	Pickles and sauces	3	22	7	2	.....	.....	13	De 52	Mh 2	52	17	35	.....	.....	51,408
24	Printing and publishing, job printing	15	129	16	5	5	8	95	Ja [4] 98	Jy 90	94	77	16	1	.....	225,502
25	Printing and publishing, newspapers and periodicals.	69	732	52	48	169	46	417	De 452	Ja 397	453	406	26	21	.....	1,070,324
26	Saddlery and harness	4	43	2	4	10	3	24	Oc [4] 28	Ja [4] 22	23	22	1	.....	.....	164,407
27	Slaughtering and meat packing	4	70	3	6	3	1	57	De 62	Fe [4] 52	62	62	.....	.....	.....	326,382
28	Smelting and refining, copper	10	3,620	.....	111	364	33	3,112	Ja 3,914	My 2,662	3,111	3,101	10	.....	.....	83,013,194
29	Tobacco, cigars	3	21	3	.....	.....	.....	18	Au [4] 19	Ja [4] 16	18	12	4	2	.....	11,750
30	All other industries *	21	259	12	19	11	6	211	.....	.....	.....	.....	.....	.....	.....	1,248,073

* All other industries embrace—

Automobile bodies and parts	2
Bookbinding and blank-book making	1
Brooms, from broom corn	2
Cars and general shop construction and repairs by electric-railroad companies	2
Cheese	2
Condensed milk	1
Electroplating	1

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

1	PHOENIX	110	1,290	87	93	193	56	861	De 997	Ap 800	1,007	911	94	2	.....	3,517,196
2	TUCSON	37	1,278	27	45	41	24	1,141	My 1,176	Ja 1,053	1,157	1,131	12	14	.....	1,738,389

[1] Includes water wheels and turbines (irrespective of ownership of water supply) and water motors (operated by water from city mains).
[2] Electric motors operated by rented (or purchased) current.

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 1,555,227	*Dollars.* 1,556,611	*Dollars.* 12,014,769	*Dollars.* 153,153	*Dollars.* 181,156	*Dollars.* 1,605,291	*Dollars.* 84,273,872	*Dollars.* 8,371,565	*Dollars.* 120,769,112	*Dollars.* 28,123,675	103,958	37,538	39,600	1,773	200	24,847	20,056	1
4,770	2,431	47,207	.....	1,056	280	227,455	1,494	298,592	69,643	56	.....	.....	26	.....	30	.....	2
21,459	24,340	356,575	.....	48,006	7,253	350,295	16,814	1,013,243	646,134	422	.....	.....	35	.....	387	.....	3
1,800	1,500	8,922	.....	3,244	217	64,223	170	92,686	28,293	2	.....	.....	.....	.....	2	.....	4
3,560	22,742	262,258	.....	27,166	8,324	1,212,385	45,457	1,839,447	581,605	158	.....	.....	10	.....	148	.....	5
1,200	.....	101,530	130	450	1,093	9,795	45,848	188,034	132,391	178	.....	.....	.....	.....	178	.....	6
24,133	12,376	86,298	.....	2,040	6,762	909,002	16,906	1,147,940	222,032	291	207	.....	74	.....	10	.....	7
220,509	91,526	3,152,502	11,570	.....	15,399	1,547,030	355,857	5,398,489	3,495,602	3,405	2,343	133	370	.....	559	517	8
15,004	3,900	89,463	.....	13,318	5,296	321,635	11,869	514,546	181,042	121	.....	.....	.....	.....	121	.....	9
1,950	.....	22,109	.....	4,053	837	66,415	1,977	121,085	52,693	16	.....	.....	.....	.....	16	.....	10
13,054	3,900	67,354	.....	9,265	4,459	255,220	9,892	393,461	128,349	105	.....	.....	.....	.....	105	.....	11
9,600	2,395	77,814	.....	4,144	1,235	252,879	2,798	436,612	180,935	110	.....	.....	.....	.....	110	.....	12
62,020	22,913	98,435	313	.....	20,408	1,937,200	29,719	2,392,089	425,170	928	235	.....	80	160	453	.....	13
17,025	2,818	129,031	.....	1,466	4,623	92,443	14,449	278,536	171,644	214	.....	.....	6	.....	208	.....	14
18,492	47,179	84,651	.....	.....	29,542	92,414	257,513	691,169	341,242	590	240	170	50	.....	130	18	15
87,314	26,848	371,838	5,238	5,973	46,015	264,608	347,630	1,410,148	797,910	4,557	2,781	20	539	40	1,177	101	16
.....	.....	6,830	.....	535	212	7,168	670	22,534	14,696	18	.....	.....	2	.....	16	.....	17
80,583	38,901	1,158,052	3,449	1,000	41,125	590,916	37,406	2,315,008	1,686,686	3,363	3,175	188	.....	.....	.....	287	18
11,911	3,160	88,116	.....	496	2,557	211,899	4,118	364,301	148,284	246	.....	.....	.....	.....	246	.....	19
11,232	.....	20,689	.....	3,333	768	46,230	1,952	111,387	63,205	200	.....	.....	87	.....	113	.....	20
3,386	3,200	55,719	.....	6,363	4,469	150,968	4,182	321,822	166,672	115	2	.....	8	.....	105	.....	21
45,425	15,336	81,490	.....	4,252	42,343	1,080,457	38,381	1,670,367	551,529	855	150	.....	.....	.....	705	.....	22
3,000	.....	8,348	.....	720	415	15,296	306	33,807	18,205	40	.....	.....	3	.....	37	.....	23
10,992	13,247	114,508	.....	10,962	4,499	98,409	3,993	371,885	269,483	91	.....	.....	.....	.....	91	.....	24
143,398	211,330	426,210	32,799	29,655	20,557	345,533	25,726	1,714,510	1,342,251	421	.....	.....	101	.....	320	51	25
6,900	1,800	24,953	1,200	4,950	2,422	86,905	808	148,318	60,605	21	.....	.....	.....	.....	21	.....	26
27,400	7,200	72,484	.....	2,220	13,510	1,169,184	10,329	1,405,808	226,295	88	.....	.....	1	.....	87	.....	27
683,844	972,262	4,771,998	98,454	1,022	1,302,241	71,670,919	6,997,987	94,184,312	15,515,406	86,253	27,545	39,089	225	.....	19,394	19,082	28
.....	.....	10,697	.....	1,070	4,029	10,837	.....	27,370	16,533	.....	.....	.....	.....	.....	.....	.....	29
39,770	29,207	308,153	.....	7,715	19,697	1,507,787	98,183	2,376,152	770,182	1,215	860	.....	156	.....	199	.....	30

Food preparations, peanut butter	1	Lime	2	Tobacco, smoking	1
Hats, straw	1	Paving materials	1	Trunks and valises	1
Jewelry	2	Photo-engraving	1		

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

181,269	235,231	1,019,962	30,647	62,207	102,872	4,810,514	268,231	8,140,679	3,061,934	2,844	632	190	84	4	1,934	5	1
127,065	70,086	1,543,959	7,678	24,204	21,968	1,635,517	162,371	3,756,314	1,958,426	1,656	925	.....	60	.....	671	50	2

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

ARKANSAS.

GENERAL STATISTICS.

General character of the state.—Arkansas has a gross area of 53,335 square miles, of which 52,525 represent land surface. The inhabitants of the state in 1900 numbered 1,311,564; in 1910, 1,574,449; and in 1920, 1,752,204. In total population Arkansas ranked twenty-fifth among the states in 1920. The number of inhabitants per square mile in 1910 was 30, the corresponding figure for 1920 being 33.4.

In 1920 there were five cities in the state having more than 10,000 inhabitants—Fort Smith, Hot Springs, Little Rock, North Little Rock, and Pine Bluff. The combined population of these five cities in that year was 139,035, which formed 7.9 per cent of the total for Arkansas. In 1919 these cities reported 28.7 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The increases in wages, cost of materials, and value of products, from 1914 to 1919, as presented in Table 1, are in a great measure due to the changes in industrial conditions brought about by the World War. The addition of the Federal income tax since 1914 accounts for the large increase in "Rent and taxes."

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

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as indicating their importance from a manufacturing standpoint. The rank of some industries would change materially if based upon the average number of wage earners or value added by manufacture.

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

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

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—During the census period 1914 to 1919, each of the five cities shows an increase in value of products and average number of wage earners. The increases in value of products are due largely to the increased value of commodities at the latter period.

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

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

Prevailing hours of labor (Table 9).—Since 1914 there has been a shortening of the working day in Arkansas. In that year 8 per cent of the wage earners were reported in the group "48 and under" as against 16.6 per cent in 1919. In 1914, the "60" and "Over 60" groups constituted 77.7 per cent of the total wage earners, as compared with 65.3 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 97.2 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed 50.7 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 2.8 per cent of the total manufacturing establishments in the state, but reported 49.3 per cent of the total number of wage earners.

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

the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups 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 the extent of manufacturing activities.

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although corporations owned but 22.1 per cent of the number of establishments in the state in 1919, they reported 73.2 per cent of the average number of wage earners and 74.4 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 4,948, or 15.6 per cent, and the value of products, $83,290,748, or 126.7 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 five cities in 1919 represented 16.1 per cent of the total in the state. They reported in that year 22.4 per cent of the average number of wage earners, 28.7 per cent of the value of products, and 24.1 per cent of value added by manufacture.

Principal industries in Little Rock, with per cent of total for state (Table 16).—This table presents the statistics for the principal industries in Little Rock for which figures can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 36,986 horsepower, or 20.9 per cent. Of this increase, 19,576 horsepower, or 52.9 per cent, was owned power, and 17,410 horsepower, or 47.1 per cent, was rented. The owned power increased 11.4 per cent and the rented power 287.4 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	3,123	2,604	2,925	1,907	1,746	19.9	−11.0	53.4	9.2
Persons engaged	58,202	48,440	51,730	37,557	(2)	20.2	−6.4	37.7	.....
Proprietors and firm members	3,682	2,917	3,455	2,140	(2)	26.2	−15.6	61.4	.....
Salaried employees	4,566	3,544	3,293	2,328	1,549	28.8	7.6	41.4	50.3
Wage earners (average number)	49,954	41,979	44,982	33,089	31,525	19.0	−6.7	35.9	5.0
Primary horsepower	214,194	177,208	173,088	109,509	79,560	20.9	2.4	58.1	37.6
Capital	$138,817,974	$77,162,485	$70,174,345	$46,306,116	$25,384,636	79.9	10.0	51.5	82.4
Salaries and wages	56,515,232	24,914,702	22,573,772	16,853,525	11,446,539	126.8	10.4	33.9	47.2
Salaries	9,329,043	4,162,971	3,460,876	2,309,890	1,262,385	124.1	20.3	49.8	83.0
Wages	47,186,189	20,751,731	19,112,896	14,543,635	10,184,154	127.4	8.6	31.4	42.8
Paid for contract work	2,696,617	2,111,137	2,034,264	2,182,638	(2)	27.7	3.8	−6.8	.....
Rent and taxes	4,464,292	1,066,743	837,250	[3] 459,820	(2)	318.5	27.4	.....	.....
Cost of materials	102,812,977	44,906,808	34,934,912	21,799,346	18,288,045	128.9	28.5	60.3	19.2
Value of products	200,312,858	83,940,587	74,916,367	53,864,394	39,887,578	138.6	12.0	39.1	35.0
Value added by manufacture[4]	97,499,881	39,033,779	39,981,455	32,065,048	21,599,533	149.8	−2.4	24.7	48.5

[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	3,123	49,954	$47,186,189	$4,464,292	$102,812,977	$200,312,858	$97,499,881	214,194
Arkansas	47	417	337,927	87,431	5,755,766	6,925,214	1,169,448	2,386
Ashley	19	1,297	1,217,980	166,120	1,234,357	3,780,819	2,546,462	3,302
Baxter	20	47	41,328	970	95,252	201,092	105,840	435
Benton	112	377	282,168	15,268	1,415,567	2,224,052	808,485	1,522
Boone	44	280	263,137	3,824	391,355	783,349	391,994	1,228
Bradley	18	1,422	1,212,212	88,786	1,253,632	4,111,625	2,857,993	9,161
Calhoun	6	559	615,156	80,479	346,027	1,230,477	884,450	1,419
Carroll	42	180	107,944	6,929	579,670	826,563	246,893	1,087
Chicot	18	431	323,336	14,299	495,257	1,350,789	855,532	1,734
Clark	56	896	798,224	87,114	2,351,016	4,026,090	1,675,074	5,442
Clay	43	260	235,299	16,418	480,764	964,705	483,941	1,908
Cleburne	24	98	72,337	1,843	142,032	368,631	226,599	694
Cleveland	15	107	88,435	2,537	96,778	279,400	182,622	745
Columbia	32	336	301,608	26,950	773,681	2,301,308	1,527,627	376
Conway	16	87	63,836	3,369	889,800	1,145,058	255,258	884
Craighead	77	922	691,620	77,660	2,383,948	4,154,212	1,770,264	4,016
Crawford	21	309	374,691	18,600	1,653,304	2,171,999	518,695	1,249
Crittenden	19	491	457,118	53,971	674,671	1,641,238	966,567	1,672
Cross	48	617	552,776	52,510	599,456	2,277,876	1,678,420	2,423
Dallas	44	819	694,066	47,447	662,237	2,608,310	1,946,073	4,489
Desha	27	412	284,365	49,770	460,211	1,200,377	740,166	1,973
Drew	38	861	610,746	38,767	1,286,360	2,455,525	1,169,165	3,049
Faulkner	35	117	88,012	4,259	348,938	561,106	212,168	949
Franklin	17	25	20,722	1,606	48,588	167,933	119,345	166
Fulton	14	22	18,145	3,829	596,871	729,347	132,476	551
Garland	80	439	392,536	42,600	947,395	1,927,179	979,784	2,279
Grant	16	78	69,385	982	78,908	228,298	149,390	574
Greene	44	663	556,142	18,358	1,340,223	2,578,133	1,237,910	2,638
Hempstead	55	477	379,148	33,207	1,526,466	2,263,552	737,086	3,877
Hot Springs	29	1,349	1,163,770	292,254	1,070,840	3,392,673	2,321,833	4,826
Howard	29	676	692,398	46,616	390,108	1,615,933	1,225,825	2,673
Independence	31	309	227,339	27,697	373,323	1,007,578	634,255	1,698
Izard	18	55	38,800	1,578	86,317	192,849	106,532	528
Jackson	46	485	434,797	18,513	926,476	1,790,244	863,768	2,525
Jefferson	93	3,356	3,683,184	445,583	7,564,535	13,988,685	6,424,150	11,617
Johnson	30	220	136,548	13,159	296,430	616,057	319,627	736
Lafayette	19	548	573,730	148,707	918,840	2,175,884	1,257,044	5,112
Lawrence	45	242	215,898	6,901	873,941	1,271,762	397,821	2,054
Lee	31	453	414,088	86,917	874,078	1,703,630	829,552	3,531
Lincoln	16	168	138,721	2,814	150,214	354,476	204,262	606
Little River	25	82	61,395	3,499	80,106	198,637	118,531	1,182
Logan	48	139	117,803	5,459	398,422	649,834	251,412	1,391
Lonoke	69	420	346,331	22,632	2,690,480	3,667,598	977,118	3,111
Madison	42	143	101,113	3,670	354,192	700,324	346,132	1,259
Marion	19	66	48,535	831	136,303	287,823	151,520	442
Miller	38	817	717,506	39,272	1,709,266	3,111,935	1,402,669	2,234
Mississippi	48	1,564	1,438,019	208,294	2,444,962	5,459,397	3,014,435	6,117
Monroe	41	643	525,769	12,471	743,977	1,702,674	958,697	2,428
Montgomery	19	221	193,208	6,983	183,900	739,733	555,833	772
Nevada	31	441	444,513	24,117	488,630	1,308,698	820,068	2,237
Newton	25	86	69,233	3,075	48,044	190,862	142,818	733
Ouachita	46	1,560	1,489,434	67,964	1,111,777	4,245,746	3,133,969	6,099
Perry	40	528	553,690	19,685	276,089	1,034,964	758,875	1,538
Phillips	55	2,538	2,160,405	225,218	4,832,909	9,041,407	4,208,498	8,343
Pike	26	542	402,112	100,306	364,341	1,309,550	945,209	2,502
Poinsett	37	1,976	1,940,686	78,635	1,550,594	4,478,370	2,927,776	5,404
Polk	33	182	157,173	4,522	157,908	474,902	316,994	1,319
Pope	42	117	97,149	4,519	183,731	440,765	257,034	998
Prairie	41	459	404,388	10,599	651,836	1,487,418	835,582	2,256
Pulaski	329	7,746	8,676,183	726,806	21,084,666	37,618,548	16,533,882	28,039
Randolph	29	230	175,985	2,027	150,861	501,042	350,181	1,000
St. Francis	32	624	486,829	16,972	2,318,205	3,358,638	1,040,433	2,985
Saline	33	378	348,632	28,661	1,093,617	1,928,741	835,124	2,379
Scott	13	31	25,600	643	83,507	168,144	84,637	357
Searcy	40	295	403,341	6,382	371,464	1,203,890	832,426	1,972
Sebastian	134	3,067	3,088,818	431,073	10,913,729	17,122,923	6,209,194	9,739
Sevier	27	381	354,886	17,542	304,744	1,039,304	734,560	2,379
Sharp	10	51	38,373	1,503	82,891	137,739	54,848	784
Stone	9	45	43,390	676	57,095	153,730	96,635	267
Union	53	1,887	2,007,606	162,202	1,767,887	5,868,689	4,100,802	6,683
Van Buren	28	100	81,711	1,693	107,513	290,987	183,474	870
Washington	37	457	312,240	19,080	868,311	1,900,644	1,032,333	2,126
White	35	257	368,760	16,819	251,811	727,145	475,334	2,226
Woodruff	97	566	394,054	28,134	1,683,622	2,578,019	894,397	2,600
Yell	58	408	241,647	25,686	831,955	1,590,010	758,055	1,388

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	3,123	49,954	100.0	$200,313	100.0	$97,500	100.0
Lumber and timber products	1,506	30,429	60.9	84,008	41.9	56,676	58.1
Oil and cake, cottonseed	35	1,661	3.3	25,304	12.6	3,794	3.9
Cars and general shop construction and repairs by steam-railroad companies	17	4,691	9.4	11,030	5.5	7,459	7.6
Rice, cleaning and polishing	5	202	0.4	8,996	4.5	1,052	1.1
Flour-mill and gristmill products	166	267	0.5	8,646	4.3	1,573	1.6
Lumber, planing-mill products, not including planing mills connected with sawmills	50	1,233	2.5	7,065	3.5	2,422	2.5
Smelting and refining, zinc	3	547	1.1	4,423	2.2	817	0.8
Printing and publishing, newspapers and periodicals	247	772	1.6	3,405	1.7	2,451	2.5
Cooperage	12	672	1.3	3,367	1.7	1,627	1.7
Furniture, except rattan and willow	16	744	1.5	3,200	1.6	1,682	1.7
Bread and other bakery products	150	443	0.9	2,596	1.3	1,003	1.0
Confectionery and ice cream	64	391	0.8	2,593	1.3	1,028	1.1
Food preparations, not elsewhere specified	15	129	0.3	2,549	1.3	412	0.4
Canning and preserving, fruits and vegetables	107	804	1.6	2,421	1.2	931	1.0
Ice, manufactured	71	525	1.1	$2,132	1.1	$1,378	1.4
Carriage and wagon materials	15	669	1.3	1,807	0.9	865	0.9
Mineral and carbonated waters	79	299	0.6	1,670	0.8	819	0.8
Foundry and machine-shop products	62	464	0.9	1,652	0.8	976	1.0
Coffee, roasting and grinding	9	35	0.1	1,542	0.8	169	0.2
Wood, turned and carved	22	418	0.8	1,427	0.7	596	0.6
Printing and publishing, book and job	47	330	0.7	1,342	0.7	849	0.9
Slaughtering and meat packing	7	59	0.1	1,218	0.6	243	0.2
Brick and tile, and fire-clay products	21	354	0.7	1,074	0.5	766	0.8
Mattresses and spring beds, not elsewhere specified	10	172	0.3	1,004	0.5	385	0.4
Clothing, men's	5	241	0.5	963	0.5	283	0.3
Glass	3	336	0.7	932	0.5	777	0.8
Automobile repairing	79	261	0.5	839	0.4	547	0.6
Saddlery and harness	20	100	0.2	825	0.4	266	0.3
Paving materials	9	319	0.6	820	0.4	576	0.6
Boxes, wooden packing, except cigar boxes	6	222	0.4	779	0.4	306	0.3
Copper, tin, and sheet-iron work	32	104	0.2	759	0.4	244	0.3
All other industries [1]	233	2,061	4.1	9,925	5.0	4,528	4.6

[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: "Carriages and wagons, including repairs" and "fertilizers."

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

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	58,202	55,358	2,844	95.1	4.9
	1914	48,440	47,191	1,249	97.4	2.6
	1909	51,730	50,701	1,029	98.0	2.0
Proprietors and officials	1919	5,995	5,860	135	97.7	2.3
	1914	4,438	4,336	102	97.7	2.3
	1909	4,922	4,849	73	98.5	1.5
Proprietors and firm members	1919	3,682	3,573	109	97.0	3.0
	1914	2,917	2,826	91	96.9	3.1
	1909	3,455	3,389	66	98.1	1.9
Salaried officers of corporations	1919	692	680	12	98.3	1.7
	1914	412	405	7	98.3	1.7
	1909	438	432	6	98.6	1.4
Superintendents and managers	1919	1,621	1,607	14	99.1	0.9
	1914	1,109	1,105	4	99.6	0.4
	1909	1,029	1,028	1	99.9	0.1
Clerks and other subordinate salaried employees	1919	2,253	1,660	593	73.7	26.3
	1914	2,023	1,767	256	87.3	12.7
	1909	1,826	1,620	206	88.7	11.3
Wage earners (average number)	1919	49,954	47,838	2,116	95.8	4.2
	1914	41,979	41,088	891	97.9	2.1
	1909	44,982	44,232	750	98.3	1.7
16 years of age and over	1919	49,852	47,753	2,099	95.8	4.2
	1914	41,672	40,826	846	98.0	2.0
	1909	44,457	43,763	694	98.4	1.6
Under 16 years of age	1919	102	85	17	83.3	16.7
	1914	307	262	45	85.3	14.7
	1909	525	469	56	89.3	10.7

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.	Female.	Under 16 years of age.
All industries	1919	49,954	95.6	4.2	0.2
	1914	41,979	97.3	2.0	0.7
	1909	44,982	97.3	1.5	1.2
Automobile repairing	1919	261	95.8	3.8	0.4
	1914	23	100.0	.....	.....
Boxes, wooden packing, except cigar boxes	1919	222	93.7	5.9	0.5
	1914	424	92.5	5.9	1.7
Bread and other bakery products	1919	443	72.7	26.2	1.1
	1914	387	85.5	11.9	2.6
Brick and tile, and fire-clay products	1919	354	99.4	.....	0.6
	1914	395	96.7	.....	3.3
Canning and preserving, fruits and vegetables	1919	804	33.1	65.7	1.2
	1914	454	31.1	60.8	8.1
Carriage and wagon materials	1919	669	99.5	.....	0.4
	1914	330	100.0	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	4,691	99.9	0.1	.....
	1914	3,634	100.0	.....	(1)
Clothing, men's [2]	1919	241	10.0	89.6	0.4
Confectionery and ice cream	1919	391	66.2	32.5	1.3
	1914	178	73.6	25.3	1.1
Cooperage	1919	672	98.7	1.3	.....
	1914	485	99.4	.....	0.6
Flour-mill and gristmill products	1919	267	98.9	0.4	0.7
	1914	282	99.6	0.4	.....
Foundry and machine-shop products [3]	1919	481	99.2	0.8	.....
	1914	271	100.0	.....	.....
Furniture, except rattan and willow	1919	744	86.3	13.7	.....
	1914	522	96.0	2.1	1.9
Glass [2]	1919	336	91.7	8.3	.....
Ice, manufactured	1919	525	99.6	0.4	.....
	1914	424	98.8	.....	1.2
Lumber and timber products	1919	30,429	98.9	1.1	0.1
	1914	28,212	99.4	0.1	0.5
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,233	97.4	2.3	0.3
	1914	924	99.7	.....	0.3
Mineral and carbonated waters	1919	299	91.3	5.7	3.0
	1914	177	92.7	2.3	5.1
Oil and cake, cottonseed	1919	1,661	99.5	0.5	0.1
	1914	1,165	99.9	0.1	.....
Paving materials [2]	1919	319	100.0	.....	.....
Printing and publishing, book and job	1919	330	67.9	30.3	1.8
	1914	186	75.3	22.6	2.2
Printing and publishing, newspapers and periodicals.	1919	772	79.4	18.8	1.8
	1914	706	79.5	18.0	2.5
Rice, cleaning and polishing	1919	202	99.5	0.5	.....
	1914	116	100.0	.....	.....
Smelting and refining, zinc [2]	1919	547	100.0	.....	.....
Wood, turned and carved	1919	418	97.8	1.4	0.7
	1914	354	98.9	0.3	0.8
All other industries	1919	2,643	87.9	11.8	0.4
	1914	2,330	87.8	10.6	1.6

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

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

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. Total. 1919	1914	1909	16 years of age and over. Male. 1919	1914	1909	Female. 1919	1914	1909	Under 16 years of age. 1919	1914	1909	VALUE OF PRODUCTS. 1919	1914	1909
Fort Smith	2,675	1,433	1,455	2,340	1,286	1,298	332	139	118	3	8	39	$14,813,299	$4,645,722	$3,739,246
Hot Springs	342	241	335	327	223	314	15	17	19	.....	1	2	1,041,738	626,970	844,570
Little Rock	3,686	2,207	2,017	3,184	2,049	1,852	488	130	127	14	28	38	23,167,993	7,754,675	6,881,662
North Little Rock [1]	2,784	2,041	2,073	2,772	2,040	2,069	12	1	.....	.....	.....	4	8,707,602	3,425,681	4,216,798
Pine Bluff	1,689	1,299	1,118	1,651	1,275	1,100	37	23	11	1	1	7	9,095,231	4,518,232	2,386,630

[1] Name changed from Argenta since 1914.

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

MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909	MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909
January	44,527	41,118	*41,295*	76.0	90.4	82.9	July	49,206	44,658	44,840	84.0	98.1	90.0
February	44,289	40,686	41,500	75.6	89.4	83.3	August	55,605	**45,506**	47,500	95.0	100.0	95.4
March	44,180	41,252	42,845	75.5	90.7	86.0	September	**58,553**	43,652	49,582	100.0	95.9	99.6
April	*43,960*	41,011	42,391	75.1	90.1	85.1	October	58,093	42,951	49,802	99.2	94.4	100.0
May	45,308	41,369	41,416	77.4	90.9	83.2	November	55,281	40,265	48,550	94.4	88.5	97.5
June	45,543	42,470	42,384	77.8	93.3	85.1	December	54,903	*38,810*	47,683	93.8	85.3	95.7

[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	49,954	44,527	44,289	44,180	*43,960*	45,308	45,543	49,206	55,605	**58,553**	58,093	55,281	54,903	75.1
Males	47,838	43,019	42,771	42,697	*42,579*	43,890	44,034	47,365	52,292	**54,928**	54,643	52,885	52,953	77.5
Females	2,116	1,508	1,518	1,483	*1,381*	1,418	1,509	1,841	3,313	**3,625**	3,450	2,396	1,950	38.1
Automobile repairing	261	250	*250*	253	255	260	261	262	264	267	270	270	**270**	92.6
Boxes, wooden packing, except cigar boxes	222	219	208	207	215	218	217	*204*	235	**241**	241	233	226	84.6
Bread and other bakery products	443	429	421	417	419	*411*	429	449	452	454	**479**	478	478	85.8
Brick and tile, and fire-clay products	354	*167*	182	234	366	370	400	434	**476**	460	435	377	347	35.1
Canning and preserving, fruits and vegetables	804	5	*2*	11	20	49	26	492	**2,526**	**2,865**	2,522	874	256	[1] 0.1
Carriage and wagon materials	669	594	596	*550*	580	637	646	722	761	733	735	**792**	682	69.4
Cars and general shop construction and repairs by steam-railroad companies	4,691	4,538	4,648	4,623	4,565	4,616	*4,529*	4,630	4,619	4,758	4,918	**4,978**	4,870	91.0
Clothing, men's	241	211	218	185	142	*141*	217	211	292	305	315	334	321	42.2
Confectionery and ice cream	391	332	*331*	338	363	393	430	453	**463**	452	407	371	359	71.5
Cooperage	672	760	760	**772**	700	672	641	694	732	691	646	518	*478*	61.9
Flour-mill and gristmill products	267	257	256	257	265	262	*247*	271	278	**287**	280	275	269	86.1
Foundry and machine-shop products	464	*433*	440	455	452	468	467	472	493	476	459	477	476	87.8
Furniture, except rattan and willow	744	*593*	613	638	670	707	730	745	824	828	855	843	**882**	67.2
Glass	336	268	**608**	594	594	594	276	*14*	14	266	268	267	269	2.3
Ice, manufactured	525	*297*	306	363	469	578	673	835	775	717	545	410	332	35.6
Lumber and timber products	30,429	26,481	26,002	*25,798*	26,243	27,537	27,948	30,904	34,327	**36,289**	35,244	33,929	34,446	71.1
Lumber, planing-mill products, not including planing mills connected with sawmills	1,233	1,094	1,136	1,109	1,137	1,247	1,282	*977*	1,264	1,297	1,406	1,422	**1,425**	68.6
Mineral and carbonated waters	299	201	*196*	215	265	290	352	415	418	383	317	281	255	46.9
Oil and cake, cottonseed	1,661	2,268	1,959	1,997	1,396	969	989	*956*	1,107	1,345	2,181	2,330	**2,435**	39.3
Paving materials	319	*236*	259	299	344	318	308	323	330	339	370	359	343	63.8
Printing and publishing, book and job	330	*293*	309	305	312	320	333	330	333	344	357	**379**	345	77.3
Printing and publishing, newspapers and periodicals	772	*744*	757	749	754	770	758	770	777	785	781	811	808	91.7
Rice, cleaning and polishing	202	**374**	299	265	216	168	*68*	76	70	68	156	294	370	18.2
Smelting and refining, zinc	547	517	522	533	*482*	530	542	566	580	562	584	579	587	78.7
Wood, turned and carved	418	414	419	408	*388*	408	401	389	**474**	450	427	413	425	81.9
All other industries	2,660	2,552	2,592	2,605	*2,368*	2,375	2,373	2,612	2,721	2,891	2,895	**2,987**	2,949	79.3
Industries showing large proportion of females.														
Bread and other bakery products	116	119	112	106	114	*106*	116	114	120	117	121	121	**126**	84.1
Canning and preserving, fruits and vegetables	535	*2*	.....	.....	8	30	6	317	1,715	**1,929**	1,656	585	172	0.1
Confectionery and ice cream	127	*109*	109	110	110	114	138	139	139	**144**	138	137	137	75.7
Furniture, except rattan and willow	102	*79*	80	83	86	97	102	105	113	120	**132**	112	115	59.8
Printing and publishing, book and job	100	*85*	96	88	90	96	98	99	99	102	112	132	103	64.4
Printing and publishing, newspapers and periodicals	147	142	143	141	*139*	143	143	145	147	149	154	159	**159**	87.4
Totals for cities	11,176	*10,327*	10,696	10,945	10,702	10,843	10,682	10,700	11,361	11,913	11,870	**12,047**	12,026	85.7
Males	10,291	*9,544*	9,900	10,168	9,964	10,077	9,804	9,854	10,437	10,911	10,841	10,989	**11,003**	86.7
Females	885	783	796	777	*738*	766	878	846	924	1,002	1,029	1,058	1,023	69.8
FORT SMITH	2,675	*2,346*	2,680	2,668	2,654	2,711	2,563	2,386	2,502	2,841	2,907	2,922	2,920	80.3
Males	2,342	*2,019*	2,356	2,359	2,374	2,417	2,238	2,094	2,179	2,469	2,519	2,544	2,536	79.4
Females	333	327	324	309	*280*	294	325	292	323	372	**388**	378	384	72.2
HOT SPRINGS	342	*255*	282	311	310	325	308	335	370	411	**414**	401	382	61.6
Males	327	*245*	270	296	295	310	293	319	354	395	**398**	385	366	61.1
Females	15	*12*	12	15	15	15	15	16	16	16	16	16	**16**	75.0
LITTLE ROCK	3,686	3,451	*3,407*	3,665	3,600	3,444	3,529	3,510	3,946	3,917	3,891	3,936	3,936	86.3
Males	3,198	3,053	*2,993*	3,258	3,202	3,036	3,041	3,022	3,413	3,355	3,317	3,324	3,362	87.7
Females	488	398	414	407	*398*	408	488	488	533	562	574	612	574	65.0
NORTH LITTLE ROCK [2]	2,784	*2,656*	2,721	2,795	2,700	2,760	2,681	2,812	2,656	2,836	2,895	**2,956**	2,940	89.9
Males	2,772	*2,644*	2,709	2,783	2,689	2,749	2,670	2,801	2,645	2,825	2,881	**2,942**	2,926	89.9
Females	12	12	12	12	*11*	11	11	11	11	11	14	**14**	14	78.6
PINE BLUFF	1,689	1,619	1,606	1,506	*1,438*	1,603	1,601	1,657	1,887	**1,908**	1,763	1,832	1,848	75.4
Males	1,652	1,585	1,572	1,472	*1,404*	1,565	1,562	1,618	1,846	**1,867**	1,726	1,794	1,813	75.2
Females	37	34	34	34	*34*	38	39	39	41	**41**	37	38	35	82.9

[1] Seasonal industry.

[2] Name changed from Argenta since 1914.

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	49,954	1,233	254	6,823	1,407	2,986	4,643	30,207	2,401
	1914	41,979	(2)	(2)	3,346	1,122	3,436	1,458	30,297	2,320
	1909	44,982	(2)	(2)	1,249	1,320	3,401	1,039	34,931	3,042
Automobile repairing	1919	261			71		93	4	79	14
	1914	23					4	3	4	12
Boxes, wooden packing, except cigar boxes	1919	222					24	46	152	
	1914	424	(2)	(2)	4		1		419	
Bread and other bakery products	1919	443	61		65	3	98	12	154	50
	1914	387	(2)	(2)	8	18	63	8	154	136
Brick and tile, and fire-clay products	1919	354					72	46	236	
	1914	395	(2)	(2)	44	39		15	297	
Canning and preserving, fruits and vegetables	1919	804	37	32	232	23	123		348	9
	1914	454	(2)	(2)	44	18	50	44	298	
Carriage and wagon materials	1919	669			72	6	91	266	234	
	1914	330	(2)	(2)	49		45	36	147	53
Cars and general shop construction and repairs by steam-railroad companies.	1919	4,691			3,815		155	702	19	
	1914	3,634	(2)	(2)	1,780		1,487	149	52	166
Clothing, men's[3]	1919	241	3	101	63	67	7			
Confectionery and ice cream	1919	391			110	11	61	10	82	117
	1914	178	(2)	(2)	6		8	72	29	63
Cooperage	1919	672			3	4		469	196	
	1914	485	(2)	(2)	4	97	46		338	
Flour-mill and gristmill products	1919	267	3		14		9		205	36
	1914	282	(2)	(2)	12	2	5		195	68
Foundry and machine-shop products[4]	1919	481	3		201		129	69	79	
	1914	271	(2)	(2)	10		85	40	136	
Furniture, except rattan and willow	1919	744					595		149	
	1914	522					75	146	301	
Glass[3]	1919	336	128			208				
Ice, manufactured	1919	525	5		11		25	40	82	362
	1914	424	(2)	(2)	8	2	10	36	43	328
Lumber and timber products	1919	30,429	731	106	501	709	591	1,856	25,935	
	1914	28,212	(2)	(2)	579	824	784	608	25,238	179
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,233	13		336	2	100	32	750	
	1914	924	(2)	(2)	20	14	128	12	728	22
Mineral and carbonated waters	1919	299	4		80		51	19	142	3
	1914	177	(2)	(2)	21	6	17	5	122	6
Oil and cake, cottonseed	1919	1,661	28						119	1,514
	1914	1,165					19		164	982
Paving materials[3]	1919	319			9		9		301	
Printing and publishing, book and job	1919	330	3		308		13		6	
	1914	186	(2)	(2)	171	8	6		1	
Printing and publishing, newspapers and periodicals	1919	772	6	1	491	28	180	2	48	16
	1914	706	(2)	(2)	362	43	131	30	127	13
Rice, cleaning and polishing	1919	202							84	118
	1914	116								116
Smelting and refining, zinc[3]	1919	547						547		
Wood, turned and carved	1919	418			52	3	89	8	266	
	1914	354					86	37	231	
All other industries	1919	2,643	208	14	389	343	471	515	541	162
	1914	2,330	(2)	(2)	224	51	386	220	1,273	176
Total for cities	1919	11,176	258	115	4,148	605	1,674	1,376	2,200	800
	1914	7,221	(2)	(2)	2,349	132	1,053	546	2,305	836
FORT SMITH	1919	2,675	208	5	355	526	932	437	64	148
	1914	1,433	(2)	(2)	134	60	461	248	361	169
HOT SPRINGS	1919	342	6		50		123	2	127	34
	1914	241	(2)	(2)	58		105	3	28	47
LITTLE ROCK	1919	3,686	41	110	1,175	51	389	792	823	305
	1914	2,207	(2)	(2)	313	72	246	260	909	407
NORTH LITTLE ROCK[5]	1919	2,784	3		2,513	3	51	4	122	88
	1914	2,041	(2)	(2)	1,789		107	1	92	52
PINE BLUFF	1919	1,689			55	25	179	141	1,064	225
	1914	1,299	(2)	(2)	55		134	34	915	161

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

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
			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	3,123	49,954	268	1,791	3,960	645	6,901	236	7,605	94	6,842	61	9,240	19	6,671	7	5,294	2	3,441
Automobile repairing	79	201	3	63	161	13	100												
Boxes, wooden packing, except cigar boxes	6	222		2	2	2	24			2	196								
Bread and other bakery products	150	443	19	112	249	18	143			1	51								
Brick and tile, and fire-clay products	21	354		7	12	10	120	2	85	2	137								
Canning and preserving, fruits and vegetables	107	804	3	73	204	22	261	7	214	2	125								
Carriage and wagon materials	15	669		3	10	4	41	2	57	5	418	1	143						
Cars and general shop construction and repairs by steam-railroad companies	17	4,691		3	11	4	58	1	35	1	86	5	773	1	399	1	937	1	2,392
Clothing, men's	5	241		1	3	1	7			3	231								
Confectionery and ice cream	64	391	6	38	91	17	146	1	21	2	133								
Cooperage	12	672		4	10	1	10	2	79	2	122	3	451						
Flour-mill and gristmill products	166	267	78	80	128	6	59	1	23	1	57								
Foundry and machine-shop products	62	464	3	36	91	19	200	3	101	1	72								
Furniture, except rattan and willow	16	744	2	2	9	2	17	3	136	4	231	3	351						
Glass	3	336						1	47	1	81	1	208						
Ice, manufactured	71	525		38	115	29	312	4	98										
Lumber and timber products	1,506	30,429	38	855	1,785	365	3,941	144	4,654	46	3,358	33	5,013	18	6,272	6	4,357	1	1,049
Lumber, planing-mill products, not including planing mills connected with sawmills	50	1,233	1	21	45	15	143	6	194	3	172	4	679						
Mineral and carbonated waters	79	299	7	60	148	12	151												
Oil and cake, cottonseed	35	1,661				2	36	21	687	10	690	2	248						
Paving materials	9	319		1	1	5	55	1	42	1	98	1	123						
Printing and publishing, book and job	47	330	7	30	82	6	66	3	95	1	87								
Printing and publishing, newspapers and periodicals	247	772	56	166	337	19	169	5	141			1	125						
Rice, cleaning and polishing	5	202				1	14	3	104	1	84								
Smelting and refining, zinc	3	547										3	547						
Wood, turned and carved	22	418		3	11	12	151	6	184	1	72								
All other industries	326	2,660	45	193	455	60	677	20	608	4	341	4	579						
Total for cities	504	11,176	40	241	629	141	1,438	34	1,117	28	1,984	17	2,439	1	399	1	778	1	2,392
FORT SMITH	115	2,675	2	50	123	33	329	12	434	11	745	7	1,044						
HOT SPRINGS	70	342	11	38	84	20	180			1	78								
LITTLE ROCK	242	3,686	27	116	317	65	641	15	442	10	740	8	1,147	1	399				
NORTH LITTLE ROCK [1]	30	2,784		19	57	5	49	2	72	3	214							1	2,392
PINE BLUFF	47	1,689		18	48	18	239	5	169	3	207	2	248			1	778		

[1] Name changed from Argenta since 1914.

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	3,123	2,604	2,925	49,954	41,979	44,982	$200,312,858	$83,940,587	$74,916,367	$97,499,881	$39,033,779	$39,981,455
Less than $5,000	930	1,255	1,390	922	2,271	3,501	2,318,671	2,785,901	3,056,457	1,473,590	1,833,261	2,169,126
$5,000 to $20,000	1,105	754	943	3,964	4,749	7,315	11,679,651	7,696,074	9,579,083	7,095,436	4,617,918	6,326,701
$20,000 to $100,000	751	399	418	10,007	9,419	10,832	32,062,547	17,008,609	18,490,828	18,319,222	8,439,841	10,127,304
$100,000 to $500,000	240	171	170	13,380	22,118	19,972	53,759,693	35,799,033	38,436,426	26,917,061	21,260,576	18,786,422
$500,000 to $1,000,000	61	21		8,415			41,629,352	13,922,290		18,685,937		
$1,000,000 and over	36	4	4	13,266	3,422	3,362	58,862,944	6,728,680	5,443,573	25,008,635	2,882,183	2,571,902
	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	29.8	48.2	47.5	1.8	5.4	7.8	1.2	3.3	4.1	1.5	4.7	5.4
$5,000 to $20,000	35.4	29.0	32.2	7.9	11.3	16.3	5.8	9.2	12.8	7.3	11.8	15.8
$20,000 to $100,000	24.0	15.3	14.3	20.0	22.4	24.1	16.0	20.3	24.6	18.8	21.6	25.3
$100,000 to $500,000	7.7	6.6	5.8	26.8	52.7	44.4	26.8	42.6	51.3	27.6	54.5	47.0
$500,000 to $1,000,000	2.0	0.8		16.8			20.8	16.6		19.2		
$1,000,000 and over	1.2	0.2	0.1	26.6	8.2	7.5	29.4	8.0	7.3	25.6	7.4	6.4

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	150	160	100.0	100.0	443	387	100.0	100.0	$2,596,333	$1,441,804	100.0	100.0	$1,003,059	$608,465	100.0	100.0
Less than $5,000	35	77	23.3	48.1	35	42	7.9	10.9	105,687	201,373	4.1	14.0	23,822	94,749	2.4	15.6
$5,000 to $20,000	84	68	56.0	42.5	181	190	40.99	49.1	889,223	654,503	34.2	45.4	406,951	291,690	40.5	47.9
$20,000 to $100,000	28	[1] 15	18.7	9.4	153	[1] 155	34.5	40.1	1,076,288	[1] 586,018	41.5	40.6	372,328	[1] 222,026	37.1	36.5
$100,000 to $500,000	3	.....	2.0	.....	74	.....	16.7	.....	525,135	.....	20.2	.....	200,858	.....	20.0	.....
CANNING AND PRESERVING, FRUITS AND VEGETABLES	107	63	100.0	100.0	804	454	100.0	100.0	2,420,922	579,209	100.0	100.0	930,533	232,684	100.0	100.0
Less than $5,000	24	41	22.4	65.1	25	140	3.1	30.8	56,741	94,187	2.3	16.3	22,833	37,755	2.5	16.2
$5,000 to $20,000	48	13	44.9	20.6	185	123	23.0	27.1	501,897	119,658	20.7	20.7	199,362	48,518	21.4	20.9
$20,000 to $100,000	30	9	28.0	14.3	414	191	51.5	42.1	1,127,597	365,364	46.6	63.1	446,931	146,411	48.0	62.9
$100,000 to $500,000	5	.....	4.7	.....	180	.....	22.4	.....	734,687	.....	30.3	.....	261,407	.....	28.1	.....
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	17	19	100.0	100.0	4,691	3,634	100.0	100.0	11,030,409	4,971,093	100.0	100.0	7,459,331	2,831,734	100.0	100.0
Less than $5,000	.....	4	.....	21.1	.....	7	.....	0.2	.....	8,676	.....	0.2	.....	5,181	.....	0.2
$5,000 to $20,000	3	[2] 6	17.6	31.6	20	[2] 61	0.4	1.7	45,355	[2] 138,525	0.4	2.8	31,646	[2] 97,145	0.4	3.4
$20,000 to $100,000	5	.....	29.4	.....	84	.....	1.8	.....	236,581	.....	2.1	.....	131,652	.....	1.8	.....
$100,000 to $500,000	6	[3] 9	35.3	47.4	859	[3] 3,566	18.3	98.1	1,908,449	[3] 4,823,892	17.3	97.0	1,239,620	[3] 2,729,408	16.6	96.4
$500,000 and over	3	.....	17.6	.....	3,728	.....	79.5	.....	8,840,024	.....	80.1	.....	6,056,413	.....	81.2	.....
CONFECTIONERY AND ICE CREAM	64	43	100.0	100.0	391	178	100.0	100.0	2,592,993	877,855	100.0	100.0	1,028,121	317,367	100.0	100.0
Less than $5,000	15	18	23.4	41.9	15	14	3.8	7.9	35,703	42,029	1.4	4.8	23,426	19,411	2.3	6.1
$5,000 to $20,000	23	15	35.9	34.9	61	44	15.6	24.7	251,277	154,435	9.7	17.6	103,899	69,980	10.1	22.0
$20,000 to $100,000	22	7	34.4	16.3	151	31	38.6	17.4	939,789	217,229	36.2	24.7	396,485	71,450	38.6	22.5
$100,000 to $500,000	4	3	6.3	7.0	164	89	41.9	50.0	1,366,224	464,162	52.7	52.9	504,311	156,526	49.1	49.3
FLOUR-MILL AND GRISTMILL PRODUCTS	166	102	100.0	100.0	267	282	100.0	100.0	8,645,569	5,802,099	100.0	100.0	1,572,588	630,105	100.0	100.0
Less than $5,000	31	29	18.7	28.4	3	16	1.1	5.7	85,125	80,672	1.0	1.4	18,281	24,200	1.2	3.8
$5,000 to $20,000	63	33	38.0	32.4	24	35	9.0	12.4	669,727	403,332	7.7	7.0	135,573	140,909	8.6	22.4
$20,000 to $100,000	58	30	34.9	29.4	84	72	31.5	25.5	2,283,562	985,050	26.4	17.0	382,849	100,358	24.3	15.9
$100,000 and over	14	10	8.4	9.8	156	159	58.4	56.4	5,607,155	4,333,015	64.9	74.7	1,035,885	364,638	65.9	57.9
FOUNDRY AND MACHINE-SHOP PRODUCTS [4]	68	37	100.0	100.0	481	271	100.0	100.0	1,699,177	524,778	100.0	100.0	1,007,283	310,159	100.0	100.0
Less than $5,000	14	14	20.6	37.8	16	17	3.3	6.3	41,396	35,362	2.4	6.7	29,887	25,101	3.0	8.1
$5,000 to $20,000	34	15	50.0	40.5	114	87	23.7	32.1	335,026	149,251	19.7	28.4	222,569	100,976	22.1	32.6
$20,000 to $100,000	16	8	23.5	21.6	201	167	41.8	61.6	651,603	340,165	38.3	64.8	338,661	184,082	33.6	59.4
$100,000 to $500,000	4	.....	5.9	.....	150	.....	31.2	.....	671,152	.....	39.5	.....	416,171	.....	41.3	.....
ICE, MANUFACTURED	71	65	100.0	100.0	525	424	100.0	100.0	2,132,331	1,114,551	100.0	100.0	1,377,834	769,189	100.0	100.0
Less than $5,000	7	14	9.9	21.5	6	24	1.1	5.7	21,928	38,233	1.0	3.4	11,432	27,304	0.8	3.5
$5,000 to $20,000	26	35	36.6	53.8	92	164	17.5	38.7	315,149	375,006	14.8	33.6	189,705	257,315	13.8	33.5
$20,000 to $100,000	38	16	53.5	24.6	427	236	81.3	55.7	1,795,254	701,312	84.2	62.9	1,176,697	484,570	85.4	63.0
LUMBER AND TIMBER PRODUCTS	1,506	1,182	100.0	100.0	30,429	28,212	100.0	100.0	84,008,309	39,507,781	100.0	100.0	56,675,686	23,407,038	100.0	100.0
Less than $5,000	490	606	32.5	51.3	545	1,451	1.8	5.1	1,164,863	1,245,700	1.4	3.2	810,869	873,388	1.4	3.7
$5,000 to $20,000	492	298	32.7	25.2	2,247	2,701	7.4	9.6	5,276,077	3,138,155	6.3	7.9	3,587,579	2,056,047	6.3	8.8
$20,000 to $100,000	372	186	24.7	15.7	6,409	5,844	21.1	20.7	16,162,673	7,625,784	19.2	19.3	10,904,310	4,479,379	19.2	19.1
$100,000 to $500,000	112	75	7.4	6.3	7,491	[5] 18,216	24.6	64.6	23,107,222	15,445,060	27.5	39.1	14,583,553	[5] 15,998,224	25.7	68.3
$500,000 to $1,000,000	26	[3] 17	1.7	1.4	5,818	.....	19.1	.....	17,019,674	[3] 12,053,082	20.3	30.5	11,667,347	.....	20.6	.....
$1,000,000 and over	14	.....	0.9	.....	7,919	.....	26.0	.....	21,277,800	.....	25.3	.....	15,122,028	.....	26.7	.....
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	50	52	100.0	100.0	1,233	924	100.0	100.0	7,064,791	2,783,079	100.0	100.0	2,421,506	1,112,275	100.0	100.0
Less than $5,000	6	8	12.0	15.4	7	16	0.6	1.7	18,064	16,374	0.3	0.6	6,806	6,789	0.3	0.6
$5,000 to $20,000	12	15	24.0	28.8	31	68	2.5	7.4	135,313	193,754	1.9	7.0	63,386	57,495	2.6	5.2
$20,000 to $100,000	19	20	38.0	38.5	174	334	14.1	36.1	950,478	960,528	13.5	34.5	344,271	326,887	14.2	29.4
$100,000 to $500,000	9	9	18.0	17.3	342	506	27.7	54.8	1,883,034	1,612,423	26.7	57.9	598,083	721,104	24.7	64.8
$500,000 and over	4	.....	8.0	.....	679	.....	55.1	.....	4,077,902	.....	57.7	.....	1,408,960	.....	58.2	.....
MINERAL AND CARBONATED WATERS	79	85	100.0	100.0	299	177	100.0	100.0	1,669,892	698,511	100.0	100.0	819,198	328,422	100.0	100.0
Less than $5,000	27	51	34.2	60.0	23	42	7.7	23.7	64,310	120,530	3.9	17.3	36,646	73,786	4.5	22.5
$5,000 to $20,000	28	27	35.4	31.8	72	82	24.1	46.3	272,163	240,011	16.3	34.4	138,860	125,754	17.0	38.3
$20,000 to $100,000	20	7	25.3	8.2	141	53	47.2	29.9	833,134	337,970	49.9	48.4	395,665	128,882	48.3	39.2
$100,000 to $500,000	4	.....	5.1	.....	63	.....	21.1	.....	500,285	.....	30.0	.....	248,027	.....	30.3	.....
OIL AND CAKE, COTTONSEED	35	43	100.0	100.0	1,661	1,165	100.0	100.0	25,304,034	9,249,457	100.0	100.0	3,794,083	1,649,101	100.0	100.0
$5,000 to $20,000	.....	3	.....	7.0	.....	11	.....	0.9	.....	31,588	.....	0.3	.....	9,158	.....	0.6
$20,000 to $100,000	.....	6	.....	14.0	.....	75	.....	6.4	.....	437,219	.....	4.7	.....	88,403	.....	5.4
$100,000 to $500,000	13	[6] 34	37.1	79.1	416	[6] 1,079	25.0	92.6	4,434,628	[6] 8,780,650	17.5	94.9	1,154,151	[6] 1,551,540	30.4	94.1
$500,000 to $1,000,000	11	.....	31.4	.....	430	.....	25.9	.....	7,360,054	.....	29.1	.....	987,202	.....	26.0	.....
$1,000,000 and over	11	.....	31.4	.....	815	.....	49.1	.....	13,509,352	.....	53.4	.....	1,652,730	.....	43.6	.....
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	247	270	100.0	100.0	772	706	100.0	100.0	3,405,163	1,850,413	100.0	100.0	2,450,869	1,379,134	100.0	100.0
Less than $5,000	133	196	53.8	72.6	119	250	15.4	35.4	347,806	457,970	10.2	24.7	264,590	361,485	10.8	26.2
$5,000 to $20,000	90	66	36.4	24.4	246	258	31.9	36.5	809,608	565,205	23.8	30.5	605,396	456,465	24.7	33.1
$20,000 to $100,000	19	5	7.7	1.9	182	76	23.6	10.8	660,145	271,898	19.4	14.7	499,631	224,924	20.4	16.3
$100,000 and over	5	3	2.0	1.1	225	122	29.1	17.3	1,587,604	555,340	46.6	30.0	1,081,252	336,260	44.1	24.4

[1] Includes the group "$100,000 to $500,000."
[2] Includes the group "$20,000 to $100,000."
[3] Includes the group "$1,000,000 and over."
[4] Includes "iron and steel, welding."
[5] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[6] 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.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
FORT SMITH	115	2,675	100.0	$14,813,299	100.0	$5,722,567	100.0
Less than $5,000	18	17	0.6	47,444	0.3	26,021	0.5
$5,000 to $20,000	26	94	3.5	302,661	2.0	185,574	3.2
$20,000 to $100,000	34	291	10.9	1,468,801	9.9	744,147	13.0
$100,000 to $500,000	30	1,609	60.1	6,513,972	44.0	3,309,269	57.8
$500,000 to $1,000,000	4	244	9.1	2,532,134	17.1	655,411	11.5
$1,000,000 and over	3	420	15.7	3,948,287	26.7	802,145	14.0
HOT SPRINGS	70	342	100.0	1,641,738	100.0	821,426	100.0
Less than $5,000	23	18	5.3	56,932	3.5	33,930	4.1
$5,000 to $20,000	23	80	23.4	263,111	16.0	154,999	18.9
$20,000 and over	24	244	71.3	1,321,695	80.5	632,497	77.0
LITTLE ROCK	242	3,686	100.0	23,167,993	100.0	8,707,378	100.0
Less than $5,000	51	69	1.9	146,114	0.6	86,637	1.0
$5,000 to $20,000	98	353	9.6	1,105,111	4.8	761,939	8.7
$20,000 to $100,000	48	553	15.0	2,332,866	10.1	1,227,187	14.1
$100,000 to $500,000	31	1,066	28.9	7,076,859	30.5	2,851,678	32.7
$500,000 to $1,000,000	10	1,099	29.8	7,674,704	33.1	2,958,589	34.0
$1,000,000 and over	4	546	14.8	4,832,339	20.9	821,348	9.4
NORTH LITTLE ROCK [1]	30	2,784	100.0	$8,707,602	100.0	$4,808,040	100.0
Less than $5,000	4	5	0.2	12,334	0.1	7,657	0.2
$5,000 to $20,000	15	60	2.2	140,612	1.6	95,467	2.0
$20,000 to $100,000	5	62	2.2	241,133	2.8	150,416	3.1
$100,000 and over	6	2,657	95.4	8,313,523	95.5	4,554,500	94.7
PINE BLUFF	47	1,689	100.0	9,095,231	100.0	3,458,901	100.0
Less than $5,000	3	4	0.2	8,291	0.1	5,536	0.2
$5,000 to $20,000	12	33	2.0	160,984	1.8	99,843	2.9
$20,000 to $100,000	20	241	14.3	1,072,594	11.8	576,791	16.7
$100,000 to $500,000	7	359	21.3	1,567,856	17.2	619,750	17.9
$500,000 and over	5	1,052	62.3	6,285,506	69.1	2,156,981	62.4

[1] Name changed from Argenta since 1914.

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

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	1,553	691	879	49,954	7,352	36,567	6,035	14.7	73.2	12.1	$200,312,858	$25,845,399	$149,038,772	$25,428,687	12.9	74.4	12.7
	1914	1,327	598	679	41,979	5,850	31,619	4,510	13.9	75.3	10.7	83,940,587	10,441,214	65,748,024	7,751,349	12.4	78.3	9.2
	1909	1,466	640	819	44,982	7,453	31,637	5,892	16.6	70.3	13.1	74,916,367	10,472,470	55,585,992	8,857,905	14.0	74.2	11.8
Bread and other bakery products.	1919	116	6	28	443	294	68	81	66.4	15.3	18.3	2,596,333	1,623,571	369,972	602,790	62.5	14.2	23.2
	1914	116	3	41	387	258	50	79	66.7	12.9	20.4	1,441,894	974,326	167,403	300,165	67.6	11.6	20.8
Canning and preserving, fruits and vegetables.	1919	39	6	62	804	156	152	496	19.4	18.9	61.7	2,420,922	502,531	439,163	1,479,228	20.8	18.1	61.1
	1914	23	10	30	454	97	159	198	21.4	35.0	43.6	579,209	93,021	273,154	213,034	16.1	47.2	36.8
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	17	.....	4,691	.....	4,691	.....	.....	100.0	.....	11,030,409	.....	11,030,409	.....	.....	100.0	.....
	1914	.....	19	.....	3,634	.....	3,634	.....	.....	100.0	.....	4,971,093	.....	4,971,093	.....	.....	100.0	.....
Confectionery and ice cream.	1919	28	13	23	391	59	209	123	15.1	53.5	31.5	2,592,993	272,564	1,635,841	684,588	10.5	63.1	26.4
	1914	28	7	8	178	49	100	29	27.5	56.2	16.3	877,855	188,710	592,865	96,280	21.5	67.5	11.0
Cooperage	1919	2	7	3	672	.....	490	[1] 182	.....	72.9	27.1	3,367,254	.....	2,642,591	[1] 724,663	.....	78.5	21.5
	1914	6	6	5	485	71	240	174	14.6	49.5	35.9	1,054,317	140,811	618,771	294,735	13.4	58.6	28.0
Flour-mill and gristmill products.	1919	75	34	57	267	51	177	39	19.1	66.3	14.6	8,645,569	1,525,028	5,861,161	1,259,380	17.6	67.8	14.6
	1914	50	18	34	282	65	165	52	23.0	58.5	18.4	5,802,099	626,906	4,473,484	701,709	10.8	77.1	12.1
Foundry and machine-shop products.[2]	1919	35	14	19	481	174	218	89	36.2	45.3	18.5	1,699,177	637,366	712,659	349,152	37.5	41.9	20.5
	1914	14	13	10	271	55	183	33	20.3	67.5	12.2	524,773	87,704	375,110	61,964	16.7	71.5	11.8
Furniture, except rattan and willow.	1919	1	11	4	744	.....	722	[1] 22	.....	97.0	3.0	3,199,537	.....	3,152,001	[1] 47,536	.....	98.5	1.5
	1914	7	11	3	522	25	383	114	4.8	73.4	21.8	1,112,784	54,146	938,596	120,042	4.9	84.3	10.8
Ice, manufactured	1919	14	45	12	525	68	368	89	13.0	70.1	17.0	2,132,331	257,698	1,592,748	281,885	12.1	74.7	13.2
	1914	9	41	15	424	27	320	77	6.4	75.5	18.2	1,114,551	66,463	865,884	182,204	6.0	77.7	16.3
Lumber and timber products.	1919	786	291	429	30,429	5,073	21,753	3,603	16.7	71.5	11.8	84,008,309	13,121,777	60,209,201	10,677,331	15.6	71.7	12.7
	1914	640	220	322	28,212	3,967	21,278	2,967	14.1	75.4	10.5	39,507,781	4,481,496	31,122,979	3,903,306	11.3	78.8	9.9
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	12	20	18	1,233	86	1,037	110	7.0	84.1	8.9	7,064,791	448,653	6,021,792	594,346	6.4	85.2	8.4
	1914	15	26	11	924	181	658	85	19.6	71.2	9.2	2,783,079	528,927	1,961,822	292,330	19.0	70.5	10.5
Mineral and carbonated waters.	1919	47	15	17	299	123	107	69	41.1	35.8	23.1	1,669,892	579,642	804,143	286,107	34.7	48.2	17.1
	1914	48	8	29	177	71	31	75	40.1	17.5	42.4	698,511	205,375	187,022	306,114	29.4	26.8	43.8
Oil and cake, cottonseed.	1919	2	27	6	1,661	.....	1,240	[1] 421	.....	74.7	25.3	25,304,034	.....	19,271,380	[1] 6,032,654	.....	76.2	23.8
	1914	3	40	.....	1,165	121	1,044	.....	10.4	89.6	.....	9,249,457	1,171,008	8,078,449	.....	12.7	87.3	.....
Printing and publishing, newspapers and periodicals.	1919	158	23	66	772	350	302	120	45.3	39.1	15.5	3,405,163	1,147,757	1,680,980	576,426	33.7	49.4	16.9
	1914	168	31	71	706	320	236	150	45.3	33.4	21.2	1,850,413	644,510	855,612	350,291	34.8	46.2	18.9
Rice, cleaning and polishing.	1919	.....	5	.....	202	.....	202	.....	.....	100.0	.....	8,995,856	.....	8,995,856	.....	.....	100.0	.....
	1914	.....	5	.....	116	.....	116	.....	.....	100.0	.....	1,837,478	.....	1,837,478	.....	.....	100.0	.....

[1] Includes the group "Individuals."

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

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

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	189	188	127	11,176	793	9,630	753	7.1	86.2	6.7	$57,425,863	$5,143,093	$46,840,837	$5,441,933	9.0	81.6	9.5
	1914	153	136	81	7,221	747	6,013	431	10.3	83.7	6.0	20,971,280	2,688,796	16,951,221	1,331,263	12.8	80.8	6.3
FORT SMITH	1919	33	55	27	2,675	141	2,355	179	5.3	88.0	6.7	14,813,299	853,276	12,839,045	1,120,978	5.8	86.7	7.6
	1914	37	37	29	1,433	145	1,115	173	10.1	77.8	12.1	4,645,722	533,836	3,686,413	425,473	11.5	79.4	9.2
HOT SPRINGS	1919	44	7	19	342	144	109	89	42.1	31.9	26.0	1,641,738	731,240	466,762	443,736	44.5	28.4	27.0
	1914	25	6	11	241	86	107	48	35.7	44.4	19.9	626,970	213,197	298,764	115,009	34.0	47.7	18.3
LITTLE ROCK	1919	87	95	60	3,686	302	3,054	330	8.2	82.9	9.0	23,167,993	1,640,791	18,304,670	3,222,532	7.1	79.0	13.9
	1914	56	63	30	2,207	321	1,745	141	14.5	79.1	6.4	7,754,675	1,170,316	5,985,542	598,817	15.1	77.2	7.7
NORTH LITTLE ROCK [1]	1919	10	11	9	2,784	36	2,697	51	1.3	96.9	1.8	8,707,602	102,656	8,463,746	141,200	1.2	97.2	1.6
	1914	8	9	4	2,041	14	2,020	7	0.7	99.0	0.3	3,425,681	49,291	3,356,940	19,450	1.4	98.0	0.6
PINE BLUFF	1919	15	20	12	1,689	170	1,415	104	10.1	83.8	6.2	9,095,231	1,815,130	6,766,614	513,487	20.0	74.4	5.6
	1914	27	21	7	1,299	181	1,056	62	13.9	81.3	4.8	4,518,232	722,156	3,623,562	172,514	16.0	80.2	3.8

[1] Name changed from Argenta since 1914.

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

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.						THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	5	.....	3	.....	2	.....	.....	.....
	1914	.....	5	.....	3	.....	2	.....	.....	.....
	1909	.....	5	.....	4	.....	1	.....	.....	.....
Population [1]	1920	1,752,204	139,035	7.9	45,023	2.6	94,012	5.4	1,613,169	92.1
	1915	1,686,480	127,763	7.6	46,816	2.8	80,947	4.8	1,558,717	92.4
	1910	1,574,449	110,590	7.0	64,649	4.1	45,941	2.9	1,463,859	93.0
Number of establishments	1919	3,123	504	16.1	147	4.7	357	11.4	2,619	83.9
	1914	2,604	370	14.2	118	4.5	252	9.7	2,234	85.8
	1909	2,925	338	11.6	213	7.3	125	4.3	2,587	88.4
Average number of wage earners	1919	49,954	11,176	22.4	4,815	9.6	6,361	12.7	38,778	77.6
	1914	41,979	7,221	17.2	3,581	8.5	3,640	8.7	34,758	82.8
	1909	44,982	6,998	15.6	4,981	11.1	2,017	4.5	37,984	84.4
Value of products	1919	$200,312,858	$57,425,863	28.7	$19,444,571	9.7	$37,981,292	19.0	$142,886,995	71.3
	1914	83,940,587	20,971,280	25.0	8,570,883	10.2	12,400,397	14.8	62,969,307	75.0
	1909	74,916,367	18,068,906	24.1	11,187,244	14.9	6,881,662	9.2	56,847,461	75.9
Value added by manufacture	1919	97,499,881	23,518,312	24.1	9,088,367	9.3	14,429,945	14.8	73,981,569	75.9
	1914	39,033,779	8,963,562	23.0	3,607,903	9.2	5,355,659	13.7	30,070,217	77.0
	1909	39,981,455	7,992,638	20.0	5,124,685	12.8	2,867,953	7.2	31,988,817	80.0

[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 LITTLE ROCK (THE ONLY CITY IN THE STATE HAVING 50,000 INHABITANTS OR MORE), WITH PER CENT OF TOTAL FOR STATE: 1919.

INDUSTRY.	VALUE OF PRODUCTS.				INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase [1] over 1914.			Amount, 1919.	Per cent of total for the state.	Increase [1] over 1914.	
			Amount.	Per cent.				Amount.	Per cent.
Oil and cake, cottonseed	$3,516,817	13.9	$2,563,844	269.0	Foundry and machine-shop products	$595,771	36.1	$484,487	435.4
Lumber, planing-mill products, not including planing mills connected with sawmills	2,935,575	41.6	1,797,481	157.9	Coffee, roasting and grinding	546,292	35.4	428,571	364.1
Food preparations, not elsewhere specified	2,160,500	84.8	.....	.....	Bread and other bakery products	330,635	12.7	−53,514	−13.9
Confectionery and ice cream	1,446,599	55.8	916,132	172.7	Cars and general shop construction and repairs by steam-railroad companies	(2)	(2)	(2)	(2)
Printing and publishing, newspapers and periodicals	1,405,825	41.3	755,797	116.3	Cooperage, hogsheads and barrels				
Slaughtering and meat packing	1,066,072	87.5	.....	.....	Flour-mill and gristmill products				
Printing and publishing, book and job	848,351	63.2	556,975	191.2	Furniture				
Mattresses and spring beds, not elsewhere specified	780,926	77.7	544,082	229.7	Lumber and timber products				
					Saddlery and harness				

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

[2] 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	5,616	3,955	3,648	214,194	177,208	173,088	100.0	100.0	100.0
Owned	3,132	2,882	3,124	190,726	171,150	170,252	89.0	96.6	98.4
Steam [1]	2,685	2,484	2,858	183,400	167,378	168,204	85.6	94.5	97.2
Engines	2,654	(2)	(2)	174,962	(2)	(2)	81.7		
Turbines	31	(2)	(2)	8,438	(2)	(2)	3.9		
Internal-combustion engines	422	377	245	6,620	2,979	1,374	3.1	1.7	0.8
Water	25	21	21	706	793	674	0.3	0.4	0.4
Water wheels and turbines	14	20	20	669	785	639	0.3	0.4	0.4
Water motors	11	1	1	37	8	35	(3)	(3)	(3)
Rented	2,484	1,073	524	23,468	6,058	2,836	11.0	3.4	1.6
Electric	2,484	1,073	524	21,493	5,956	2,581	10.0	3.4	1.5
Other				1,975	102	255	0.9	0.1	0.1
Electric	3,124	1,535	838	35,591	13,340	7,417	100.0	100.0	100.0
Rented	2,484	1,073	524	21,493	5,956	2,581	60.4	44.6	34.8
Generated by establishments reporting	640	462	314	14,098	7,384	4,836	39.6	55.4	65.2

[1] Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power.
[2] Figures not available.
[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	7,824	285,741	10,397	41,752	5,563	6,723,496
1914	10,627	276,091	1,749	28,221	(1)	2,152,156
Per cent of increase [2]	−26.4	3.5	494.5	67.7		212.4
Bread and other bakery products	107	1,001	94	1	19	42,584
Brick and tile, and fire-clay products		2,398		1,918	2	953,681
Canning and preserving, fruits and vegetables		2,726		47	106	6,136
Cars and general shop construction and repairs by steam-railroad companies	200	34,510	245	23,387	110	77,922
Flour-mill and gristmill products	120	5,284	115	1,395	831	9,571
Foundry and machine-shop products	45	673	845	1	268	17,159
Furniture, except rattan and willow	3	1,820	135		18	60,379
Ice, manufactured	1,090	46,084		4,896	51	677,858
Lumber and timber products	2,587	79,286	2,500	375	1,735	10,341
Oil and cake, cottonseed	2,122	64,269		30	8	435,247
Smelting and refining, zinc		24,456	6,266	5,952		3,559,386
Wood preserving		1,550				129,553
All other industries	1,550	21,684	197	3,750	2,415	743,679
Total for cities	881	39,143	577	13,525	787	3,260,483
FORT SMITH	4	2,607	185	58	183	2,420,672
HOT SPRINGS		601		90		19,550
LITTLE ROCK	808	18,983	47	101	418	350,537
NORTH LITTLE ROCK [3]	9	14,490	245	13,276	174	96,089
PINE BLUFF	60	2,462	100		12	373,635

[1] Included in figures for fuel oils. [2] A minus sign (−) denotes decrease. [3] Name changed from Argenta since 1914.

SPECIAL STATISTICS.

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

Lumber and timber products (Tables 19 and 20).—These tables present statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. Lumbering is the most important manufacturing industry in Arkansas. This state has been one of the leading lumber producers for a number of years, ranking fifth among the states in the production of this commodity in 1909 and sixth in 1914 and 1919. The reported production for 1909 was the largest of record, compared with which the cut for 1919 shows a decrease of 16.1 per cent.

In 1919 Arkansas led in the production of lumber from red gum, ash, hickory, and sycamore, and in the combined output from all hardwoods, contributing 9.5 per cent of the total quantity of hardwood lumber produced in the United States.

The lumber cut from the principal species in 1919 was reported as follows: Yellow pine, 1,049,340,000 feet, or 59.2 per cent of the total from all species in the state; oak, 300,523,000 feet, or 17 per cent; gum, 238,327,000 feet, or 13.4 per cent; cypress, 43,335,000 feet, or 2.4 per cent; and hickory, 42,288,000 feet, or 2.4 per cent. Among other woods sawed into lumber in considerable quantities were cottonwood, ash, elm, tupelo, sycamore, and maple.

Arkansas was one of the leading states in the production of cooperage stock for both 1909 and 1919. The quantity of such stock produced for these years is shown in Table 20. Comparative figures for 1914 are not available.

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

PRODUCT.	QUANTITY.[1]		
	1919	1914	1909
Lumber.....M feet b. m..	1,772,157	1,796,780	2,111,300
Lath.....thousands..	72,827	(2)	78,362
Shingles.....thousands..	98,937	(2)	208,080

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

TABLE 20.—COOPERAGE STOCK: 1919 AND 1909.

PRODUCT.	TIGHT COOPERAGE STOCK.		SLACK COOPERAGE STOCK.	
	1919	1909	1919	1909
Staves.....pieces..	109,467,000	87,582,000	271,060,000	257,162,000
Heading.....sets..	11,064,731	6,396,860	3,719,000	25,549,000
Hoops.....pieces..	.....	.....	25,167,000	26,164,000

Rice, cleaning and polishing (Table 21).—Statistics for 1919, as shown in Table 21, relate to the milling season of 1918–1919—that is, to the handling of rice from the crop of 1918. Where the establishments are employed in the milling of rice on a custom basis the quantities in the table cover all rice so treated.

TABLE 21.—RICE, CLEANING AND POLISHING: 1919, 1914, AND 1909.

	QUANTITY (POUNDS).		
	1919	1914	1909
Rough rice treated.....	155,415,375	82,086,840	37,014,075
Products:			
Clean rice.....	108,239,360	52,038,773	23,197,442
Polish.....	4,260,600	2,460,420	1,195,072
Bran.....	15,760,625	7,475,501	3,224,991

The cultivation of rice in Arkansas on a commercial scale is of very recent date, due largely to the irrigation of land in the state of late years. The total quantity of rough rice milled—that is, rice as it leaves the thresher—increased 73,328,535 pounds, or 89.3 per cent, from 1914 to 1919. The quantity of clean rice increased 56,200,587, or 108 per cent, during this five-year period.

Flour-mill and gristmill products (Table 22).—Increases are shown from 1914 to 1919 in the value of products for all items contained in the table. The total value of products for the industry increased $2,843,470, or 49 per cent, during this five-year period. In 1919 wheat flour was the product of chief value, constituting 44.8 per cent of the total for the industry, as against third place in 1914, when it formed 26 per cent. On the other hand, feed and offal, which was the leading product in value in 1914, with 37.2 per cent, was second in that respect in 1919, with 25.9 per cent of the total, while corn meal and corn flour, second

in value of products in 1914, with 26.6 per cent of the total, ranked third in 1919, with 22 per cent.

It is noticeable that although the quantities for all items shown, except for wheat flour, decreased from 1914 to 1919, the values increased.

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

	1919	1914	1909
Total value	$8,645,569	$5,802,099	$5,615,486
Wheat flour:			
Barrels	354,322	291,964	239,003
Value	$3,874,738	$1,510,427	$1,302,917
Corn meal and corn flour:			
Barrels	237,272	468,338	514,502
Value	$1,901,421	$1,544,048	$1,666,670
Bran and middlings:			
Tons	13,244	22,117	
Value	$618,581	$584,543	94,261
Feed and offal:			$2,599,581
Tons	34,515	71,947	
Value	$2,243,229	$2,159,130	
All other cereal products, value	$3,600	.....	.....
All other products, value	$4,090	$3,951	$46,318

Printing and publishing (Table 23).—This table shows the number and aggregate circulation per issue for the various classes of publications in Arkansas as reported at the censuses of 1919, 1914, and 1909.

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

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	283	306	288	587,575	611,288	496,299
Daily	32	33	29	127,985	87,614	60,175
Sunday	7	5	7	83,685	63,967	50,593
Semiweekly	8	9	5	22,992	21,329	5,868
Weekly[1]	218	243	234	244,923	273,078	241,413
Monthly[2]	18	16	13	107,990	165,300	138,250

[1] Includes 1 triweekly in 1919.
[2] Includes 2 semimonthlies, 1 bimonthly, and 1 quarterly in 1919; 5 quarterlies and 1 semimonthly in 1914; and 1 quarterly in 1909.

While the aggregate number and circulation of newspapers and periodicals decreased during the five-year period from 1914 to 1919, the circulation of daily, Sunday, and semiweekly publications increased, the dailies by 40,371, or 46.1 per cent; the Sundays by 19,718, or 30.8 per cent; and the semiweeklies by 1,663, or 7.8 per cent. Only one publication was printed in a foreign language—a German weekly.

Laundries (Table 24).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries.

TABLE 24.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	49	53	.....
Persons engaged	1,045	1,011	3.4
Proprietors and firm members	46	76	.....
Salaried employees	62	103	−39.8
Wage earners (average number)	937	832	12.6
Primary horsepower	1,058	1,092	−3.1
Capital	$696,445	$577,314	20.6
Salaries and wages	636,571	437,466	45.5
Salaries	87,446	98,628	−11.3
Wages	549,125	338,838	62.1
Rent and taxes	50,636	23,391	116.5
Cost of materials	339,619	147,826	129.7
Amount received for work done	1,393,024	836,457	66.5

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

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

TABLE 25.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	10
Persons engaged	101
Proprietors and firm members	12
Salaried employees	14
Wage earners (average number)	75
Primary horsepower	120
Capital	$71,641
Salaries and wages	83,766
Salaries	17,131
Wages	66,635
Paid for contract work	1,059
Rent and taxes	11,983
Cost of materials	42,144
Amount received for work done	215,912

Custom gristmills and custom sawmills (Tables 26 and 27).—Statistics for custom gristmills and custom sawmills 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 gristmills represents the selling value of the grain milled and that for custom sawmills, the amount charged for the work performed.

TABLE 26.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	464	769	−39.7
Persons engaged	666	1,831	−63.6
Proprietors and firm members	622	1,086	−42.7
Salaried employees	3	19	.....
Wage earners (average number)	41	726	−94.4
Primary horsepower	8,752	18,523	−32.8
Capital	$569,436	$696,441	−18.2
Salaries and wages	25,858	39,784	−35.0
Salaries	1,000	1,790	−44.1
Wages	24,858	37,994	−34.6
Rent and taxes	14,986	8,053	86.1
Cost of materials [2]	1,519,827	1,435,982	5.8
Value of products [2]	1,966,634	1,709,189	15.1

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

TABLE 27.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	106	39	.....
Persons engaged	227	156	45.5
Proprietors and firm members	148	51	.....
Wage earners (average number)	79	105	−24.8
Primary horsepower	3,111	970	220.7
Capital	$129,754	$46,700	177.8
Wages	45,510	16,434	176.9
Rent and taxes	1,278	434	194.5
Cost of materials	13,695	918	1,391.8
Amount received for work done	121,059	39,439	207.0

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

GENERAL TABLES.

Table 28 gives, for 1919, 1914, and 1909, for selected industries in the state and in Little Rock, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products; and for Fort Smith, Hot Springs, North Little Rock, and Pine Bluff similar data for all industries combined.

Table 29 presents, for 1919, for the state as a whole and for Little Rock, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments; and for Fort Smith, Hot Springs, North Little Rock, and Pine Bluff similar data for all industries combined.

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

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	3,123	49,954	214,194	$47,186	$102,813	$200,313
	1914	2,604	41,979	177,208	20,752	44,907	83,941
	1909	2,925	44,982	173,088	19,113	34,935	74,916
Bread and other bakery products.	1919	150	443	542	366	1,593	2,596
	1914	160	387	319	207	833	1,442
	1909	133	310	174	161	677	1,177
Brick and tile, and fire-clay products.	1919	21	354	2,052	369	308	1,074
	1914	26	395	2,323	161	126	461
	1909	42	585	2,178	219	168	601
Canning and preserving, fruits and vegetables.	1919	107	804	676	390	1,490	2,421
	1914	63	454	587	116	347	579
	1909	44	292	428	54	181	279
Cars and general shop construction and repairs by steam-railroad companies.	1919	17	4,691	8,534	6,824	3,571	11,030
	1914	19	3,634	3,182	2,450	2,139	4,971
	1909	16	3,249	2,560	2,061	1,759	4,154
Confectionery and ice cream	1919	64	391	1,248	298	1,565	2,593
	1914	43	178	418	89	560	878
Cooperage	1919	12	672	2,047	579	1,740	3,367
	1914	17	485	1,035	239	671	1,054
	1909	9	504	2,400	210	350	761
Flour-mill and gristmill products.	1919	166	267	7,005	243	7,073	8,646
	1914	102	282	5,880	123	5,172	5,802
	1909	113	312	5,946	122	4,859	5,615
Foundry and machine-shop products.[1]	1919	150	843	2,037	853	1,122	2,835
	1914	52	319	594	207	253	633
	1909	42	447	824	304	431	1,051
Furniture, except rattan and willow.	1919	16	744	1,499	578	1,517	3,200
	1914	21	522	1,354	256	586	1,113
	1909	[2] 20	680	1,985	311	479	975
Ice, manufactured	1919	71	525	13,516	$490	$754	$2,132
	1914	65	424	11,052	233	345	1,115
	1909	49	352	8,281	192	207	820
Lumber and timber products[3]	1919	1,562	31,884	135,463	28,787	32,449	91,852
	1914	1,252	29,698	124,126	14,063	18,204	43,115
	1909	1,697	32,932	122,387	13,060	14,300	40,640
Mattresses and spring beds, not elsewhere specified.	1919	10	172	406	147	619	1,004
	1914	7	99	349	49	191	329
	1909	6	94	193	43	156	263
Mineral and carbonated waters	1919	79	299	514	201	851	1,670
	1914	85	177	289	78	370	699
	1909	78	134	303	56	141	356
Oil and cake, cottonseed	1919	35	1,661	18,355	1,289	21,510	25,304
	1914	43	1,165	13,001	511	7,600	9,249
	1909	44	1,086	13,029	441	6,005	7,789
Printing and publishing	1919	294	1,102	1,367	1,081	1,447	4,747
	1914	307	892	1,032	570	647	2,342
	1909	295	981	846	538	536	2,082
Rice, cleaning and polishing	1919	5	202	1,785	184	7,943	8,996
	1914	5	116	1,520	48	1,706	1,837
	1909	5	37	1,610	23	852	945
Slaughtering and meat packing.	1919	7	59	337	47	975	1,218
	1914	3	6	.....	3	111	123
Wood, turned and carved	1919	22	418	2,000	327	831	1,427
	1914	18	354	1,424	168	263	507
	1909	25	383	1,850	168	323	612
All other industries	1919	335	4,423	14,811	4,128	15,455	24,201
	1914	316	2,392	8,723	1,176	4,783	7,692
	1909	307	2,604	8,094	1,150	3,511	6,796

[1] Includes "automobile repairing"; "iron and steel, welding"; and "pumps, steam," in all years; "engines, steam, gas, and water," in 1919; and "structural iron work, not made in steel works or rolling mills," in 1914 and 1909.
[2] Includes "refrigerators."
[3] 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 1914 and 1909.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
LITTLE ROCK. All industries.	1919	242	3,686	13,616	$3,338	$14,461	$23,168
	1914	149	2,207	7,308	1,315	4,295	7,755
	1909	125	2,017	6,619	1,080	4,014	6,882
Confectionery and ice cream	1919	17	216	591	168	882	1,447
	1914	9	100	216	46	349	530
Foundry and machine-shop products.	1919	11	136	365	139	178	596
	1914	5	46	82	34	48	111
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	9	539	1,655	474	1,904	2,936
	1914	6	352	1,068	232	688	1,138
Mattresses and spring beds, not elsewhere specified.	1919	6	143	292	$119	$499	$781
	1914	3	71	200	38	146	237
Printing and publishing, book and job.	1919	14	210	262	204	340	848
	1914	10	92	98	63	123	291
Printing and publishing, newspapers and periodicals.	1919	26	199	174	205	413	1,406
	1914	19	139	222	124	228	650
All other industries	1919	159	2,243	10,277	2,029	10,245	15,154
	1914	97	1,407	5,422	778	2,603	4,798
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.							
FORT SMITH	1919	115	2,675	8,474	$2,685	$9,091	$14,813
	1914	103	1,433	5,111	803	2,750	4,646
	1909	83	1,455	4,202	741	2,006	3,739
HOT SPRINGS	1919	70	342	1,916	317	820	1,642
	1914	42	241	993	146	298	627
	1909	71	335	1,644	210	303	845
NORTH LITTLE ROCK[1]	1919	30	2,784	5,361	$3,960	$3,900	$8,708
	1914	21	2,041	2,239	1,424	1,665	3,426
	1909	17	2,073	2,415	1,359	2,399	4,217
PINE BLUFF	1919	47	1,689	6,937	1,694	5,636	9,095
	1914	55	1,299	5,396	702	3,000	4,518
	1909	42	1,118	4,584	605	1,354	2,387

[1] Name changed from Argenta since 1914.

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	3,123	58,202	3,682	2,313	1,660	593	49,954	Se 58,553	Ap 43,969	(3)	(3)	(3)	(3)	(3)	Dollars. 138,817,974
2	Artificial stone products	9	22	11	.....	.....	.....	11	Oc[4] 16	Ja 6	19	19	.....	.....	.....	31,265
3	Automobile bodies and parts	14	107	15	3	4	2	83	De[4] 111	Ap 61	111	100	10	1	.....	167,868
4	Automobile repairing	79	395	109	13	5	7	261	De[4] 270	Fe[4] 250	276	271	4	1	.....	452,326
5	Boxes, wooden packing, except cigar boxes.	6	241	2	12	1	4	222	Se[4] 241	Jy 204	233	219	13	1	.....	301,956
6	Bread and other bakery products	150	675	181	15	11	25	443	De[4] 478	My 411	492	359	127	6	.....	935,908
7	Brick and tile, and fire-clay products	21	413	15	29	5	10	354	Au 476	Ja 167	444	441	.....	3	.....	1,027,054
8	Brooms, from broom corn	13	77	16	5	5	.....	51	De 70	Ja[4] 45	67	56	11	.....	.....	88,525
9	Canning and preserving, fruits and vegetables.	107	1,044	201	30	6	3	804	.....	.....	2,918	943	1,938	10	27	842,279
10	Canned vegetables	19	219	45	10	1	.....	163	Se 643	My[4] 4	654	160	479	4	11	116,185
11	Canned fruits	21	456	36	13	5	2	400	Se 1,307	Mh 1	1,358	369	968	6	15	498,823
12	Dried fruits	67	369	120	7	.....	1	241	Oc 917	De[4] 3	906	414	491	.....	1	227,271
13	Carriage and wagon materials	15	720	7	30	11	3	669	No 792	Mh 550	711	708	.....	3	.....	1,166,228
14	Cars and general shop construction and repairs by steam-railroad companies.	17	5,006	.....	176	105	34	4,691	No 4,978	Je 4,529	4,870	4,864	6	.....	.....	4,374,588
15	Clothing, men's	5	270	3	12	10	4	241	No 334	My 141	246	25	220	.....	1	543,005
16	Coffee, roasting and grinding	9	65	4	6	14	6	35	No 44	Ap[4] 30	41	27	14	.....	.....	644,690
17	Confectionery and ice cream	64	574	85	38	36	24	391	.....	.....	412	270	137	5	.....	1,264,766
18	Confectionery	28	235	38	10	20	8	159	Se 175	Ap 140	197	83	114	.....	.....	535,612
19	Ice cream	36	339	47	28	16	16	232	Au 293	De 186	215	187	23	5	.....	729,154
20	Cooperage	12	750	11	38	16	13	672	Mh 772	De 478	610	606	4	.....	.....	2,093,525
21	Copper, tin, and sheet-iron work	32	176	45	9	11	7	104	No 113	Fe 97	113	111	1	1	.....	452,688
22	Flour-mill and gristmill products	166	596	223	59	30	17	267	Se 287	Je 247	297	294	1	2	.....	3,683,631
23	Food preparations, not elsewhere specified.	15	177	13	12	17	6	129	De 144	Au 108	150	132	18	.....	.....	913,624
24	Foundry and machine-shop products	62	594	72	38	14	6	464	.....	.....	480	476	4	.....	.....	1,483,330
25	Boiler shops and foundries	6	151	8	8	3	2	130	De 151	Fe 114	151	151	.....	.....	.....	270,886
26	Machine shops	46	283	54	16	6	2	205	My 215	Fe 196	209	207	2	.....	.....	748,782
27	Machine shop and foundry combined.	10	160	10	14	5	2	129	Au 147	Ja 114	120	118	2	.....	.....	463,662
28	Furniture, except rattan and willow	16	892	11	46	72	19	744	De 882	Ja 593	883	768	115	.....	.....	2,478,168
29	Glass	3	356	.....	15	3	2	336	Fe 608	Jy[4] 14	593	560	33	.....	.....	624,764
30	Ice, manufactured	71	688	56	76	18	13	525	Jy 835	Ja 297	508	507	1	.....	.....	3,787,120
31	Iron and steel, welding	6	24	6	.....	.....	1	17	(5) 17	(5) 17	17	17	.....	.....	.....	38,000
32	Jewelry	3	22	2	3	2	2	13	(5) 13	(5) 13	13	11	2	.....	.....	40,000
33	Lime	4	90	1	9	4	.....	76	Mh 86	My 65	88	88	.....	.....	.....	236,939
34	Lumber and timber products	1,506	34,154	1,796	1,011	734	184	30,429	Se 36,289	Mh 25,798	39,757	39,315	408	28	6	75,974,346
35	Lumber, planing-mill products, not including planing mills connected with sawmills.	50	1,431	56	74	47	21	1,233	De 1,425	Jy 977	1,444	1,419	20	5	.....	4,242,438
36	Marble and stone work	49	182	66	5	9	.....	102	.....	.....	110	109	1	.....	.....	566,637
37	Monuments and tombstones	43	128	58	2	6	.....	62	De[4] 68	Fe 57	69	68	1	.....	.....	222,037
38	Other marble and stone work, except slate.	6	54	8	3	3	.....	40	Se[4] 50	De 30	41	41	.....	.....	.....	344,600
39	Mattresses and spring beds, not elsewhere specified.	10	222	4	26	13	7	172	Oc 226	Ap 127	193	151	42	.....	.....	567,792
40	Mineral and carbonated waters	79	456	85	42	21	9	299	Au 418	Fe 196	304	277	18	9	.....	1,101,224
41	Oil and cake, cottonseed	35	1,963	18	158	109	17	1,661	De 2,435	Jy 956	2,454	2,439	13	2	.....	12,139,661
42	Optical goods	7	18	5	1	1	2	9	(5) 9	(5) 9	9	9	.....	.....	.....	24,258
43	Patent medicines and compounds	23	105	33	7	5	7	53	.....	.....	57	30	27	.....	.....	97,930
44	Patent and proprietary medicines	19	92	26	7	4	7	48	De[4] 52	Ap[4] 44	51	24	27	.....	.....	85,830
45	Patent and proprietary compounds, not elsewhere specified.	4	13	7	.....	1	.....	5	Ja[4] 6	De[4] 4	6	6	.....	.....	.....	12,100
46	Paving materials	9	352	4	19	8	2	319	Oc 370	Ja 236	375	375	.....	.....	.....	1,094,633
47	Printing and publishing, book and job	47	494	51	35	49	29	330	No 379	Ja 293	353	239	108	6	.....	1,205,735
48	Printing and publishing, newspapers and periodicals.	247	1,280	273	88	93	54	772	.....	.....	818	645	158	13	2	2,290,362
49	Printing and publishing	9	283	7	16	40	18	202	No 218	Ja 187	216	196	20	.....	.....	450,652
50	Printing, publishing, and job printing.	214	951	258	56	42	25	570	De 595	Fe 554	602	449	138	13	2	1,796,101
51	Publishing without printing	24	46	8	16	11	11	.....	.....	.....	.....	.....	.....	.....	.....	43,609
52	Rice, cleaning and polishing	5	263	.....	23	34	4	202	Ja 374	Je[4] 68	370	369	1	.....	.....	1,488,878
53	Saddlery and harness	20	161	29	4	24	4	100	Se[4] 107	Ja[4] 94	101	97	4	.....	.....	469,460
54	Slaughtering and meat packing	7	83	5	8	10	1	59	Se 63	Ap[4] 55	62	59	3	.....	.....	291,901
55	Smelting and refining, zinc	3	568	.....	9	10	2	547	De 587	Ap 462	587	587	.....	.....	.....	1,801,151
56	Tobacco, cigars	8	39	14	.....	.....	.....	25	De 30	Mh 22	30	23	7	.....	.....	11,460
57	Wood, turned and carved	22	474	21	23	6	6	418	Au 474	Ap 388	446	438	5	3	.....	718,210
58	All other industries*	97	1,983	133	106	87	36	1,621	.....	.....	.....	.....	.....	.....	.....	7,059,711

*All other industries embrace—

Agricultural implements	3
Artificial limbs	1
Automobiles	1
Awnings, tents, and sails	6
Baskets, and rattan and willow ware	3
Bookbinding and blank-book making	1
Boxes, set-up paper boxes and cartons	2
Butter	2
Buttons	6
Carriages and wagons, including repairs	11
Cars and general shop construction and repairs by electric-railroad companies	3
Charcoal, not including production in the lumber and wood distillation industries	1
Chemicals	2
Cleansing preparations	1
Coffins, burial cases, and undertakers' goods	4
Cordials and flavoring sirups	1
Cotton goods	1
Cutlery, scissors, shears, and clippers	1
Dairymen's, poultrymen's, and apiarists' supplies	2
Dental goods	2
Druggists' preparations	1
Electrical machinery, apparatus, and supplies	1
Engines, steam, gas, and water	1

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

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines)	Steam turbines	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
6,288,697	3,040,346	47,186,189	2,696,617	574,174	3,890,118	99,881,410	2,931,567	200,312,858	97,499,881	214,194	174,962	8,438	6,620	706	23,468	14,098	1
.....	.....	7,136	.....	104	104	13,812	1,027	34,611	19,772	100	25	14	61	.....	.....	.....	2
7,800	7,629	62,262	.....	6,980	530	139,678	2,918	253,654	111,058	236	.....	.....	.....	.....	236	.....	3
20,277	10,660	277,418	.....	31,744	3,927	275,734	15,860	838,886	547,292	605	.....	.....	183	.....	422	.....	4
33,505	4,888	205,088	.....	411	12,826	468,564	4,427	778,767	305,776	419	178	.....	140	.....	101	.....	5
27,923	38,860	365,781	1,270	55,802	32,337	1,537,561	55,713	2,596,333	1,003,059	542	20	.....	16	.....	506	5	6
78,185	16,154	369,039	.....	300	18,625	124,541	183,894	1,073,969	765,534	2,052	1,927	.....	85	.....	40	76	7
6,040	3,758	39,939	.....	1,980	500	129,825	1,611	215,294	83,858	44	.....	.....	16	.....	28	.....	8
37,070	10,640	389,942	20,534	10,590	4,187	1,438,903	51,486	2,420,922	930,533	676	511	.....	90	.....	75	.....	9
6,264	2,000	59,613	.....	85	434	164,118	3,156	283,707	116,433	201	192	.....	9	.....	.....	.....	10
18,586	7,860	193,842	20,534	10,490	1,591	712,923	10,758	1,197,118	473,437	291	238	.....	3	.....	50	.....	11
12,220	780	136,487	.....	15	2,102	561,862	37,572	940,097	340,663	184	81	.....	78	.....	25	.....	12
56,314	15,072	406,927	3,750	1,212	28,067	935,333	6,976	1,807,497	865,188	1,961	1,875	.....	.....	.....	86	100	13
440,130	192,250	6,824,275	11,580	.....	18,307	3,356,425	214,653	11,030,409	7,459,331	8,534	3,709	500	22	.....	4,303	2,447	14
37,473	35,653	123,032	1,040	20,808	27,088	677,370	2,778	962,710	282,562	71	.....	.....	.....	22	49	.....	15
17,687	43,509	29,522	780	5,609	11,267	1,368,375	4,763	1,542,441	169,303	183	.....	.....	.....	.....	183	.....	16
130,417	93,157	297,941	1,007	39,826	44,342	1,521,580	43,292	2,592,993	1,028,121	1,248	115	.....	232	.....	901	.....	17
34,500	48,373	120,834	107	24,389	13,010	740,191	8,594	1,094,010	345,225	171	.....	.....	.....	.....	171	.....	18
95,917	44,784	177,107	900	15,437	31,332	781,389	34,698	1,498,983	682,896	1,077	115	.....	232	.....	730	.....	19
136,011	37,527	578,562	.....	680	61,106	1,738,446	1,875	3,367,254	1,626,933	2,047	2,008	.....	.....	.....	39	.....	20
21,918	19,822	101,864	.....	5,279	2,747	510,352	4,875	758,998	243,771	133	14	.....	28	.....	91	.....	21
109,633	78,944	243,463	2,022	10,748	90,368	6,950,655	122,326	8,645,569	1,572,588	7,005	2,638	.....	1,317	669	2,381	45	22
42,366	29,400	99,641	100	6,520	20,483	2,119,277	17,651	2,548,792	411,864	1,140	400	.....	12	.....	728	.....	23
104,804	23,949	505,862	1,437	13,881	15,623	638,247	38,280	1,652,456	975,929	1,245	107	.....	356	.....	782	65	24
20,744	7,429	141,353	1,187	6,043	6,587	176,342	9,282	458,775	273,151	306	.....	.....	.....	.....	306	.....	25
50,565	8,082	214,123	.....	7,298	5,760	229,313	18,046	778,083	530,724	553	47	.....	175	.....	331	5	26
33,495	8,438	150,386	250	540	3,276	232,592	10,952	415,598	172,054	386	60	.....	181	.....	145	60	27
131,887	118,569	577,724	3,659	4,065	140,922	1,488,657	28,536	3,199,537	1,682,344	1,499	987	.....	150	.....	362	.....	28
63,317	5,207	503,498	.....	.....	10,764	115,237	40,167	931,945	776,541	162	.....	.....	.....	.....	162	.....	29
134,874	29,814	490,260	418	57,076	58,978	306,117	448,380	2,132,331	1,377,834	13,516	11,401	670	570	.....	875	435	30
.....	700	10,500	.....	1,600	260	12,312	3,050	46,721	31,359	65	.....	.....	22	.....	43	.....	31
10,000	6,000	15,000	.....	4,000	600	65,000	650	176,000	110,350	8	.....	.....	.....	.....	8	.....	32
11,870	3,655	54,585	.....	220	1,790	54,724	27,095	187,667	105,848	240	132	.....	108	.....	.....	.....	33
3,034,449	1,219,227	27,491,844	2,482,637	71,695	2,437,748	26,927,359	405,264	84,008,309	56,675,686	130,686	121,808	7,211	1,112	15	540	9,137	34
258,075	90,974	1,090,271	6,225	9,850	110,335	4,620,034	23,251	7,064,791	2,421,506	4,358	3,289	18	177	.....	874	305	35
10,300	10,163	92,204	2,260	3,853	3,238	153,029	10,132	423,315	260,154	393	150	.....	75	.....	168	7	36
3,300	6,623	63,573	2,260	3,462	1,326	121,345	5,812	326,934	199,777	178	.....	.....	43	.....	135	.....	37
7,000	3,540	28,631	.....	391	1,912	31,684	4,320	96,381	60,377	215	150	.....	32	.....	33	7	38
63,905	17,027	147,291	.....	9,107	12,390	612,536	6,535	1,004,419	385,348	406	.....	.....	53	.....	353	30	39
69,600	34,985	200,880	1,640	17,099	71,590	828,663	22,031	1,669,892	819,198	514	36	.....	104	.....	374	2	40
384,897	267,941	1,288,629	43,480	1,252	228,864	20,995,630	514,321	25,304,034	3,794,083	18,355	15,070	.....	749	.....	2,536	431	41
3,498	1,748	14,399	130	5,520	952	15,208	652	62,096	46,236	9	.....	.....	.....	.....	9	.....	42
13,100	10,058	45,404	300	6,626	875	106,280	945	258,242	151,017	20	.....	.....	.....	.....	20	.....	43
13,100	8,568	42,504	300	6,186	732	97,549	640	238,178	139,989	10	.....	.....	.....	.....	10	.....	44
.....	1,490	2,900	.....	440	143	8,731	305	20,064	11,028	10	.....	.....	.....	.....	10	.....	45
58,800	11,853	360,549	.....	23,874	5,246	176,338	67,599	820,342	576,405	3,425	1,715	.....	20	.....	1,690	.....	46
100,052	85,670	316,670	8,351	26,102	34,086	476,550	15,910	1,341,816	849,356	395	.....	.....	4	.....	391	.....	47
191,277	148,477	769,668	51,469	59,191	76,686	908,949	45,345	3,405,163	2,450,569	972	7	.....	204	.....	761	3	48
62,495	34,766	222,446	.....	10,019	54,176	382,310	8,916	1,247,078	855,852	142	.....	.....	.....	.....	142	.....	49
113,132	99,441	547,222	4,529	45,283	22,288	519,989	36,179	2,014,930	1,458,762	820	7	.....	204	.....	609	3	50
15,650	14,270	.....	46,940	3,889	222	6,650	250	143,155	136,255	10	.....	.....	.....	.....	10	.....	51
82,892	48,056	183,560	.....	.....	83,350	7,930,440	13,027	8,995,856	1,052,389	1,785	1,785	.....	.....	.....	.....	144	52
15,515	45,382	84,791	.....	9,950	6,056	556,586	2,653	824,875	265,636	49	.....	.....	.....	.....	49	.....	53
19,050	26,735	47,298	18,000	7,159	5,098	966,579	8,840	1,218,191	242,772	337	.....	.....	25	.....	312	.....	54
28,675	22,685	698,155	.....	.....	7,864	3,319,948	286,919	4,423,398	816,531	1,283	550	.....	.....	.....	733	155	55
.....	.....	17,892	.....	924	8,333	29,666	103	74,278	44,509	.....	.....	.....	.....	.....	.....	.....	56
59,440	10,863	327,321	2,043	732	23,640	829,478	1,461	1,427,048	596,109	2,000	1,952	25	23	.....	.....	.....	57
235,671	162,685	1,421,102	32,485	41,805	168,010	4,441,412	184,296	8,191,037	3,565,329	5,476	2,553	.....	666	.....	2,257	711	58

Engraving and diesinking..... 1
Engraving, steel and copper plate, including plate printing..... 1
Explosives..... 1
Fertilizers..... 2
Gas, illuminating and heating..... 1
Hand stamps..... 2
Hats and caps, other than felt, straw, and wool..... 1
Hats, fur-felt..... 1
Hats, straw..... 1
Locomotives, not made by railroad companies..... 1
Mirrors, framed and unframed, not elsewhere specified..... 1
Petroleum, refining..... 1
Photo-engraving..... 2
Pottery, earthen and stone ware..... 1
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments..... 2
Printing and publishing, music..... 1
Pumps, steam..... 2
Sausage, not made in slaughtering and meat-packing establishments. 1
Saws..... 1
Signs, electric and other..... 2
Stoves, gas and oil..... 1
Sulphuric, nitric, and mixed acids.. 1
Tinware, not elsewhere specified.... 1
Trunks and valises..... 1
Upholstering materials, excelsior.... 3
Vinegar..... 3
Window and door screens..... 2
Wirework, not elsewhere specified... 1
Wood preserving..... 1

[4] Same number reported for one or more other months.
[5] 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.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
1	**LITTLE ROCK**—All industries	242	4,597	188	289	298	136	3,686	Au	3,946	Fe	3,407	4,020	3,500	505	15	.....	*Dollars.* 13,880,435
2	Automobile bodies and parts	7	74	7	3	3	1	60	Au[3]	64	Ap	48	63	54	9	.....	.....	77,162
3	Automobile repairing	20	96	24	5	2	2	63	De	71	Ja3	60	72	72	.....	.....	.....	104,990
4	Bread and other bakery products	16	94	13	3	3	2	73	De[3]	85	My	61	91	62	29	.....	.....	161,006
5	Coffee, roasting and grinding	5	36	2	2	4	1	27	No	28	Ap	23	26	18	8	.....	.....	133,601
6	Confectionery and ice cream	17	281	14	19	21	11	216	.....		.....		255	153	99	3	.....	710,798
7	Confectionery	11	160	12	10	18	4	116	De	128	Ja[3]	101	148	55	93	.....	.....	431,758
8	Ice cream	6	121	2	9	3	7	100	Au	117	Ja[3]	91	107	98	6	3	.....	279,040
9	Copper, tin, and sheet-iron work	5	44	6	4	6	1	27	No	31	Ja[3]	26	30	29	1	.....	.....	195,991
10	Food preparations, not elsewhere specified.	5	80	3	8	5	2	62	Ap	68	Au	57	63	46	17	.....	.....	292,966
11	Foundry and machine-shop products	11	165	13	12	2	2	136	De	160	Ja[3]	116	158	157	1	.....	.....	594,778
12	Ice, manufactured	5	73	.....	9	5	1	58	Se	87	Ja	27	49	49	.....	.....	.....	715,702
13	Jewelry	3	22	2	3	2	2	13	(4)	13	(4)	13	13	11	2	.....	.....	40,000
14	Lumber, planing-mill products, not including planing mills connected with sawmills.	9	594	3	26	12	14	539	No	616	Jy	304	612	594	13	5	.....	2,113,049
15	Marble and stone work	3	18	4	1	1	.....	12	Jy	15	Ap	6	14	14	.....	.....	.....	16,900
16	Mattresses and spring beds, not elsewhere specified.	6	178	.....	19	11	5	143	Oc	184	Ap	115	149	111	38	.....	.....	382,374
17	Mineral and carbonated waters	7	71	8	5	10	.....	48	Au[3]	68	Fe	33	39	32	6	1	.....	208,586
18	Oil and cake, cottonseed	3	357	.....	13	24	3	317	Mh	520	Je	214	443	443	.....	.....	.....	2,035,918
19	Patent medicines and compounds	8	29	14	.....	1	2	12	(4)	12	(4)	12	12	9	3	.....	.....	13,362
20	Printing and publishing, book and job.	14	306	14	18	42	22	210	No	257	Ja	187	224	155	64	5	.....	804,824
21	Printing and publishing, newspapers and periodicals.	26	336	6	37	64	30	199	.....		.....		200	180	20	.....	.....	576,398
22	Printing, publishing, and job printing.	7	292	.....	21	53	19	199	Oc	205	Ja	187	200	180	20	.....	.....	532,789
23	Publishing without printing	19	44	6	16	11	11	.....	.....		.....		.....	.....	.....	.....	.....	43,609
24	Slaughtering and meat packing	4	74	1	8	10	1	54	Se	58	Ap	48	57	54	3	.....	.....	279,156
25	All other industries *	68	1,669	54	94	70	34	1,417	.....		.....		1,450	1,257	192	1	.....	4,422,874

* All other industries embrace—

Artificial limbs	1
Artificial stone products	1
Automobiles	1
Awnings, tents, and sails	2
Baskets, and rattan and willow ware	1
Bookbinding and blank-book making	1
Boxes, set-up paper boxes and cartons	2
Boxes, wooden packing, except cigar boxes	2
Brooms, from broom corn	3
Carriage and wagon materials	1
Carriages and wagons, including repairs	2
Cars and general shop construction and repairs by steam-railroad companies	1
Clothing, men's	1
Cooperage, hogsheads and barrels	4
Cordials and flavoring sirups	1
Dental goods	2
Engraving and diesinking	1
Flour-mill and gristmill products	3
Furniture	4
Hand stamps	1

	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																	
1	FORT SMITH	115	3,219	104	164	196	80	2,675	No	2,922	Ja	2,346	3,264	2,876	385	2	1	9,633,821
2	HOT SPRINGS	70	486	90	23	15	16	342	Oc	414	Ja	255	387	371	16	.....	.....	1,099,926
3	NORTH LITTLE ROCK [5]	30	3,023	29	113	79	18	2,784	No	2,956	Ja[3]	2,656	2,890	2,876	14	.....	.....	3,711,924
4	PINE BLUFF	47	1,941	44	93	90	25	1,689	Se	1,908	Ap	1,438	1,878	1,837	40	1	.....	5,750,768

[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.																	
Dollars. 921,894	*Dollars.* 584,552	*Dollars.* 3,338,165	*Dollars.* 97,089	*Dollars.* 168,451	*Dollars.* 358,232	*Dollars.* 14,157,907	*Dollars.* 302,708	*Dollars.* 23,167,993	*Dollars.* 8,707,378	13,616	8,675	.....	124	.....	4,817	425	1
7,800	6,176	41,631	.....	5,720	308	115,155	1,951	189,035	72,529	56	.....	.....	.....	.....	56	.....	2
9,500	2,742	64,472	.....	10,195	1,025	61,381	5,060	204,625	138,184	179	.....	.....	3	.....	176	.....	3
6,134	5,368	58,605	.....	13,490	1,502	218,248	9,410	330,635	102,977	101	10	.....	.....	.....	91	.....	4
8,637	9,071	23,402	.....	2,625	2,074	467,260	3,876	546,292	75,156	106	.....	.....	.....	.....	106	.....	5
89,069	60,705	167,602	.....	21,046	27,237	865,276	16,414	1,446,599	564,909	591	30	.....	.....	.....	561	.....	6
34,500	45,053	91,761	.....	15,175	11,050	647,167	5,301	907,099	254,631	137	.....	.....	.....	.....	137	.....	7
54,569	15,652	75,841	.....	5,871	16,187	218,109	11,113	539,500	310,278	454	30	.....	.....	.....	424	.....	8
5,718	9,776	25,270	.....	890	793	111,887	1,166	159,622	46,569	34	10	.....	.....	.....	24	.....	9
25,066	10,650	49,433	.....	3,780	8,397	1,832,580	5,133	2,160,500	322,787	203	.....	.....	.....	.....	203	.....	10
33,224	5,611	138,678	1,18,	6,033	6,829	168,704	9,102	595,771	417,965	365	.....	.....	.....	.....	365	.....	11
19,848	7,416	46,590	.....	.....	8,022	21,517	64,253	277,984	192,214	2,329	1,985	.....	.....	.....	344	.....	12
10,000	6,000	15,000	.....	4,000	600	65,000	650	176,000	110,350	8	.....	.....	.....	.....	8	.....	13
122,624	41,625	473,799	.....	3,460	33,819	1,895,969	7,686	2,935,575	1,031,920	1,655	1,155	.....	.....	.....	500	35	14
				425	231	20,995	1,260	40,518	18,263	35	.....	.....	.....	.....	35	.....	15
1,600	960	10,761	.....	8,729	8,264	493,928	5,422	780,926	281,576	292	.....	.....	53	.....	239	30	16
47,528	13,523	119,443	.....														
				2,714	22,491	137,802	3,463	292,601	151,336	84	.....	.....	.....	.....	84	.....	17
13,713	15,210	32,792	.....		9,625	3,080,953	91,070	3,516,817	344,794	3,056	2,910	.....	.....	.....	146	360	18
33,361	42,173	199,964	8,447	.....	229	13,720	223	47,344	33,396	8	.....	.....	.....	.....	8	.....	19
.....	2,718	13,800	.....	1,156													
64,138	71,114	204,029	8,051	16,045	24,058	329,977	10,212	848,351	508,162	262	.....	.....	.....	.....	262	.....	20
98,467	102,370	205,105	43,870	16,384	62,806	403,416	9,429	1,405,825	992,980	174	.....	.....	.....	.....	174	.....	21
82,817	88,100	205,105	500	12,495	62,584	396,766	9,179	1,269,115	863,170	164	.....	.....	.....	.....	164	.....	22
15,650	14,270	.....	43,370	3,889	222	6,650	250	136,710	129,810	10	.....	.....	.....	.....	10	.....	23
19,050	26,735	41,802	18,000	7,059	5,008	828,288	8,840	1,066,072	228,944	337	.....	.....	25	.....	312	.....	24
306,417	144,609	1,405,987	17,534	44,700	134,914	3,025,851	48,083	6,146,301	3,072,367	3,741	2,575	.....	43	.....	1,123	.....	25

Hats and caps, other than felt, straw, and wool 1
Hats, fur-felt 1
Hats, straw 1
Iron and steel, welding 4
Lumber and timber products 3
Optical goods 5
Paving materials 1
Photo-engraving 2
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments 1
Printing and publishing, music 1
Saddlery and harness 2
Sausage, not made in slaughtering and meat-packing establishments 1
Saws 1
Signs, electric and other 2
Sulphuric, nitric, and mixed acids 1
Tobacco, cigars 1
Trunks and valises 1
Vinegar 1
Window and door screens 1
Wirework, not elsewhere specified 1
Wood, turned and carved 1

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

430,906	338,818	2,685,343	5,504	60,480	341,772	8,783,366	307,366	14,813,299	5,722,567	8,474	4,463	14	572	22	3,403	161	1
46,226	26,648	317,361	20,630	15,752	24,563	790,167	30,145	1,641,738	821,426	1,916	1,525	.....	170	.....	221	.....	2
251,440	252,223	3,960,384	26,082	9,017	41,781	3,743,883	155,679	8,707,602	4,808,040	5,361	2,315	.....	550	.....	2,496	33	3
255,678	147,459	1,693,831	135,242	18,065	324,944	5,450,129	186,201	9,095,231	3,458,901	6,937	5,405	.....	37	.....	1,495	464	4

[3] Same number reported for one or more other months.
[4] Same number reported throughout the year.
[5] Name changed from Argenta since 1914.

CALIFORNIA.

GENERAL STATISTICS.

General character of the state.—California has a gross area of 158,297 square miles, of which 155,652 represent land surface. The inhabitants of the state in 1900 numbered 1,485,053; in 1910, 2,377,549; and in 1920, 3,426,861. In total population California ranked eighth among the states in 1920. The number of inhabitants per square mile in 1910 was 15.3, the corresponding figure for 1920 being 22.

In 1920 there were 25 cities in the state having more than 10,000 inhabitants. (See Table 6.) The combined population of these 25 cities in that year was 1,957,108, or 57.1 per cent of the total for California, and in 1919 they reported 60.1 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The increases in wages, cost of materials, and value of products, from 1914 to 1919, as presented in Table 1, are in a great measure due to the changes in industrial conditions brought about by the World War. The increases shown, however, in average number of wage earners and in horsepower are indicative of a decided growth in the manufacturing activities of the state. The addition of the Federal income tax since 1914 accounts for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. The value of products reported by 4 of the 57 counties in the state—Alameda, Contra Costa, Los Angeles, and San Francisco—represented 67.5 per cent of the total for the state.

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

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex, for 1919, was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 36.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 1,400 or more wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

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

Wage earners, by months (Table 7).—The statistics for wage earners are intended to show the steadiness of employment, or the reverse, in accordance with the 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 25 cities in the state having 10,000 inhabitants or more. The table shows that there were a number of industries in the state in 1919 in which a considerable proportion of female wage earners were employed, and several in which they predominated.

Prevailing hours of labor (Table 9).—Since 1914 there has been a shortening of the working day in California. In that year 33.5 per cent of the wage earners were reported in the group "48 and under" as against 78.1 per cent in 1919. In 1914, the "60" and "Over 60" groups constituted 29.2 per cent of the total wage earners, as compared with 8.1 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 96.8 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed 37.7 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 3.2 per cent of the total manufacturing establishments in the state, but reported 62.3 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at "$100,000 to $1,000,000"

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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 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 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 the extent of manufacturing activities.

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although corporations owned but 26.2 per cent of the number of establishments in the state in 1919, they reported 81.9 per cent of the average number of wage earners and 83.1 per cent of the total value of products. During the five-year period 1914 to 1919 the average number of wage earners in corporations increased 86,708, or 76.8 per cent, and the value of products, $1,054,257,556, or 178.1 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 25 cities in 1919 represented 65.5 per cent of the total in the state. They reported in that year 67.8 per cent of the average number of wage earners, 60.1 per cent of the value of products, and 63.8 per cent of the value added by manufacture.

Principal industries in the seven cities in the state of more than 50,000 inhabitants, with per cent of total for the state (Table 16).—This table shows the principal industries in these seven cities, the figures being given for those which can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 56 per cent, or an actual increase of 274,991 horsepower, of which 13,221 horsepower, or 4.8 per cent, was owned power, and 261,770 horsepower, or 95.2 per cent, was rented. The owned power increased 5.7 per cent, and the rented power 100.6 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. Of the selected industries shown in this table, steel shipbuilding consumed 43.1 per cent of the anthracite coal; 58.4 per cent of the bituminous coal was used in the manufacture of lime; two industries—foundry and machine-shop products and beet sugar—used 59.9 per cent of the coke; while three industries—petroleum, gas, and cement—consumed 49.4 per cent of the fuel oils.

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	11,942	10,057	7,659	6,839	4,997	18.7	31.3	12.0	36.9
Persons engaged	296,858	176,547	141,576	120,040	(2)	68.1	24.7	17.9	.....
Proprietors and firm members	12,452	10,429	8,077	7,402	(2)	19.4	29.1	9.1	.....
Salaried employees	40,714	26,637	18,203	12,283	6,877	52.8	46.3	48.2	78.6
Wage earners (average number)	243,692	139,481	115,296	100,355	77,224	74.7	21.0	14.9	30.0
Primary horsepower	766,016	491,025	329,100	210,359	126,953	56.0	49.2	56.4	65.7
Capital	$1,233,480,273	$736,105,455	$537,134,359	$282,647,201	$175,467,806	67.6	37.0	90.0	61.1
Salaries and wages	380,627,658	140,842,691	107,096,894	79,055,843	47,385,354	170.3	31.5	35.5	66.8
Salaries	75,420,269	35,230,010	22,955,417	14,399,157	7,495,357	114.1	53.5	59.4	92.1
Wages	305,207,389	105,612,681	84,141,477	64,656,686	39,889,997	189.0	25.5	30.1	62.1
Paid for contract work	7,017,802	3,752,013	2,195,153	2,313,392	(2)	87.0	70.9	−5.1	.....
Rent and taxes	60,197,715	13,723,591	11,772,354	[3] 3,961,338	(2)	338.6	16.6	.....	.....
Cost of materials	1,218,858,518	447,474,531	325,238,074	215,726,414	164,894,269	172.4	37.6	50.8	30.8
Value of products	1,981,204,701	712,800,764	529,760,528	367,218,494	257,385,521	177.9	34.6	44.3	42.7
Value added by manufacture [4]	762,346,183	265,326,233	204,522,454	151,492,080	92,491,252	187.3	29.7	35.0	63.8

[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.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state	11,942	243,692	$305,207,389	$60,197,715	$1,218,858,518	$1,981,204,701	$762,346,183	766,016
Alameda	875	35,909	47,193,254	7,480,351	112,844,302	219,300,376	106,456,074	82,449
Alpine								
Amador	26	180	223,376	10,239	192,812	654,422	461,610	1,999
Butte	60	1,213	1,221,836	236,229	4,832,151	8,145,441	3,313,290	6,495
Calaveras	18	112	122,678	20,402	411,155	551,589	140,434	744
Colusa	20	82	105,475	56,931	1,921,529	2,445,078	523,549	917
Contra Costa	163	13,434	19,300,235	6,410,509	213,441,735	281,943,251	68,501,516	70,926
Del Norte	17	366	315,130	16,867	925,044	1,448,469	523,425	561
Eldorado	34	750	1,007,098	33,955	894,047	2,363,129	1,469,082	4,493
Fresno	334	5,852	6,064,921	1,101,579	53,810,062	73,091,212	19,281,150	41,064
Glenn	14	43	43,223	7,736	604,365	724,515	120,150	259
Humboldt	133	5,547	7,200,440	527,582	11,661,631	23,450,114	11,788,483	19,572
Imperial	81	587	859,587	155,630	5,296,139	7,291,160	1,995,021	3,285
Inyo	26	162	252,175	11,822	627,084	1,011,663	384,579	3,878
Kern	143	1,666	2,320,029	1,056,374	15,248,234	24,027,655	8,779,421	6,589
Kings	63	789	831,127	190,944	6,032,228	8,336,347	2,304,119	3,349
Lake	14	60	40,380	2,680	68,059	149,630	81,571	225
Lassen	24	1,775	3,086,859	269,033	833,522	6,398,805	5,565,283	7,108
Los Angeles	3,514	61,665	72,534,095	11,823,967	242,611,066	417,808,804	175,197,738	142,778
Madera	25	865	971,902	52,480	1,102,140	2,807,855	1,705,715	2,448
Marin	66	583	739,125	82,247	2,781,589	4,300,789	1,519,200	1,783
Mariposa and Mono	4	7	6,082	880	13,531	27,074	13,543	113
Mendocino	69	3,192	3,909,290	236,736	2,018,314	7,868,572	5,850,258	6,302
Merced	53	599	942,767	80,701	2,794,333	4,424,665	1,630,332	1,797
Modoc	32	41	51,702	4,575	179,574	293,408	113,834	633
Monterey	114	1,710	2,161,789	799,634	10,470,683	20,046,043	9,575,360	9,794
Napa	115	790	767,384	435,984	3,192,651	5,818,654	2,626,003	2,143
Nevada	42	656	857,109	42,934	1,194,799	2,793,948	1,599,149	8,391
Orange	207	1,590	1,756,568	708,711	14,356,091	23,013,628	8,657,537	12,045
Placer	42	1,177	1,589,425	34,452	1,743,147	3,783,224	2,040,077	3,698
Plumas	18	592	829,070	29,627	485,952	1,949,339	1,463,387	5,655
Riverside	145	1,727	1,993,826	331,784	5,426,340	10,803,817	5,377,477	11,541
Sacramento	374	7,080	9,202,796	1,471,788	25,323,709	45,124,465	19,800,756	26,419
San Benito	29	228	263,476	794,852	1,277,520	1,769,350	491,830	2,563
San Bernardino	183	5,419	7,065,537	736,566	14,970,802	27,918,802	12,948,000	28,285
San Diego	345	3,842	4,010,688	512,429	11,976,035	21,855,132	9,879,097	11,600
San Francisco	2,360	48,550	59,704,342	16,039,587	261,418,243	417,321,277	156,903,034	99,748
San Joaquin	296	4,685	5,998,190	2,071,361	23,111,596	38,091,810	14,980,214	17,733
San Luis Obispo	63	543	714,850	159,520	7,394,308	10,415,030	3,020,722	2,753
San Mateo	117	6,837	11,218,710	510,870	27,528,991	47,864,258	20,335,267	18,808
Santa Barbara	139	890	1,032,364	351,842	4,295,016	8,457,523	4,162,507	3,387
Santa Clara	377	7,186	8,327,273	1,609,577	41,031,855	64,431,991	23,400,136	14,107
Santa Cruz	115	1,647	1,776,793	197,028	5,000,318	10,279,057	5,278,739	14,008
Shasta	35	496	668,873	62,721	1,679,083	2,881,958	1,202,875	6,691
Sierra	10	211	344,563	3,674	190,745	629,272	438,527	948
Siskiyou	52	2,914	4,160,725	301,309	3,930,871	11,416,993	7,486,122	8,973
Solano	70	1,767	2,455,450	298,111	24,766,633	32,236,056	7,469,423	13,334
Sonoma	422	1,914	2,036,553	1,324,980	14,646,682	21,381,937	6,735,255	6,423
Stanislaus	110	1,337	1,586,331	319,633	11,398,970	15,257,377	3,858,407	4,586
Sutter	10	166	190,108	120,545	1,618,781	2,602,863	984,082	213
Tehama	38	433	449,219	21,678	1,103,518	1,927,817	824,299	1,512
Trinity	6	6	4,024	384	5,885	16,859	10,974	79
Tulare	123	1,192	1,287,012	327,282	7,622,187	11,767,929	4,145,742	2,480
Tuolumne	29	1,455	1,758,681	111,133	863,087	3,703,408	2,840,321	6,792
Ventura	91	692	1,066,209	517,618	6,266,336	10,596,946	4,330,610	9,042
Yolo	34	158	201,284	36,441	1,960,594	2,517,753	557,159	1,302
Yuba	23	323	385,346	43,211	1,462,444	3,666,162	2,203,718	1,216

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	11,942	243,692	100.0	$1,981,205	100.0	$762,346	100.0
Petroleum, refining	45	5,132	2.1	213,292	10.8	71,416	9.4
Canning and preserving, fruits and vegetables	303	19,575	8.0	189,956	9.6	61,316	8.0
Shipbuilding, steel	18	46,052	18.9	179,152	9.0	104,690	13.7
Slaughtering and meat packing	91	3,405	1.4	92,554	4.7	15,138	2.0
Flour-mill and gristmill products	134	1,779	0.7	65,448	3.3	8,566	1.1
Foundry and machine-shop products	595	9,827	4.0	51,337	2.6	28,698	3.8
Bread and other bakery products	1,095	5,394	2.2	48,957	2.5	17,657	2.3
Lumber and timber products	195	16,957	7.0	47,311	2.4	36,772	4.8
Lumber, planing-mill products, not including planing mills connected with sawmills	325	6,215	2.6	42,832	2.2	14,016	1.9
Cars and general shop construction and repairs by steam-railroad companies	60	16,213	6.7	41,927	2.1	26,166	3.4
Butter	121	1,268	0.5	40,660	2.1	4,314	0.6
Automobiles	12	1,327	0.5	36,627	1.8	9,601	1.3
Printing and publishing, newspapers and periodicals	764	4,770	2.0	34,343	1.7	24,666	3.2
Tinware, not elsewhere specified	16	2,915	1.2	26,807	1.4	5,894	0.8
Sugar, beet	10	1,512	0.6	26,354	1.3	12,200	1.6
Coffee and spice, roasting and grinding	70	796	0.3	26,311	1.3	6,430	0.8
Automobile repairing	1,648	5,992	2.5	24,894	1.3	15,627	2.1
Confectionery and ice cream	298	4,083	1.7	23,226	1.2	9,732	1.3
Leather, tanned, curried, and finished	21	1,453	0.6	21,416	1.1	4,945	0.6
Gas, illuminating and heating	57	2,444	1.0	20,441	1.0	12,441	1.6
Rice, cleaning and polishing	14	337	0.1	20,264	1.0	3,065	0.4
Printing and publishing, book and job	661	3,818	1.6	19,871	1.0	12,093	1.6
Iron and steel, steel works and rolling mills	8	3,476	1.4	18,192	0.9	8,683	1.1
Canning and preserving, fish	57	2,989	1.2	17,483	0.9	7,069	0.9
Oil, not elsewhere specified	24	411	0.2	16,777	0.8	2,808	0.4
Food preparations, not elsewhere specified	172	1,049	0.4	16,633	0.8	4,380	0.6
Clothing, women's	165	3,124	1.3	14,246	0.7	5,716	0.8
Furniture	176	2,883	1.2	13,640	0.7	7,327	1.0
Bags, other than paper, not including bags made in textile mills	6	487	0.2	13,415	0.7	2,314	0.3
Engines, steam, gas, and water	22	2,231	0.9	12,687	0.6	7,041	0.9
Condensed milk	11	544	0.2	11,968	0.6	1,897	0.2
Pickles, preserves, and sauces	84	1,719	0.7	11,840	0.6	4,534	0.6
Paints	41	716	0.3	11,434	0.6	4,044	0.5
Liquors, malt	20	935	0.4	11,419	0.6	8,195	1.1
Clothing, men's	62	2,411	1.0	11,405	0.6	4,022	0.5
Electrical machinery, apparatus, and supplies	73	2,008	0.8	11,368	0.6	6,338	0.8
Soap	27	608	0.2	11,295	0.6	2,983	0.4
Cement	8	1,316	0.5	11,258	0.6	7,144	0.9
Tobacco, cigars and cigarettes	244	1,677	0.7	10,767	0.5	5,969	0.8
Chemicals	49	1,466	0.6	10,539	0.5	4,409	0.6
Photographic materials	31	824	0.3	9,672	0.5	5,518	0.7
Agricultural implements	34	1,578	0.6	9,490	0.5	5,773	0.8
Liquors, vinous	287	600	0.2	9,142	0.5	5,227	0.7
Boxes, wooden packing, except cigar boxes	46	1,657	0.7	8,909	0.4	3,152	0.4
Automobile bodies and parts	253	1,681	0.7	7,735	0.4	4,443	0.6
Copper, tin, and sheet-iron work	322	1,462	0.6	$7,160	0.4	$3,919	0.5
Ice, manufactured	117	1,535	0.6	7,112	0.4	4,911	0.6
Shipbuilding, wooden, including boat building	49	1,478	0.6	6,731	0.3	4,563	0.6
Explosives	3	611	0.3	6,408	0.3	3,555	0.5
Paper and wood pulp	7	806	0.3	5,805	0.3	2,398	0.3
Chocolate and cocoa products	4	252	0.1	5,663	0.3	1,857	0.2
Sulphuric, nitric, and mixed acids	4	576	0.2	5,440	0.3	3,381	0.4
Brick and tile, terra-cotta, and fire-clay products	60	1,747	0.7	5,211	0.3	3,387	0.4
Iron and steel, wrought pipe	16	687	0.3	5,024	0.3	3,011	0.4
Boxes, paper and other, not elsewhere specified	31	1,253	0.5	4,988	0.3	2,317	0.3
Rubber tires, tubes, and rubber goods, not elsewhere specified	20	513	0.2	4,941	0.2	2,942	0.4
Wirework, including wire rope and cable, not elsewhere specified	26	320	0.1	4,860	0.2	1,893	0.2
Structural ironwork, not made in steel works or rolling mills	58	742	0.3	4,834	0.2	2,208	0.3
Lithographing	11	696	0.3	4,583	0.2	2,716	0.4
Roofing materials	9	506	0.2	4,568	0.2	1,860	0.2
Cooperage, hogsheads and barrels	15	390	0.2	4,191	0.2	1,534	0.2
Mattresses and spring beds, not elsewhere specified	49	609	0.3	4,157	0.2	1,671	0.2
Cars and general shop construction and repairs by electric-railroad companies	22	1,731	0.7	4,058	0.2	2,254	0.3
Liquors, distilled	3	234	0.1	3,968	0.2	1,526	0.2
Millinery and lace goods, not elsewhere specified	67	1,041	0.4	3,902	0.2	1,785	0.2
Cheese	48	210	0.1	3,792	0.2	538	0.1
Glass	7	1,333	0.5	3,761	0.2	2,435	0.3
Fertilizers	17	284	0.1	3,610	0.2	1,077	0.1
Mineral and soda waters	195	468	0.2	3,518	0.2	1,805	0.2
Pumps, steam and other power	11	406	0.2	3,419	0.2	1,907	0.3
Babbitt metal and solder	7	111	0.1	3,349	0.2	570	0.1
Brass, bronze, and copper products	45	492	0.2	3,316	0.2	1,498	0.2
Boots and shoes	14	616	0.3	3,247	0.2	1,278	0.2
Knit goods	21	695	0.3	2,878	0.1	1,361	0.2
Awnings, tents, and sails	47	327	0.1	2,866	0.1	1,117	0.2
Marble and stone work	128	530	0.2	2,830	0.1	1,769	0.2
Jewelry	88	650	0.3	2,555	0.1	1,699	0.2
Smelting, copper	3	289	0.1	2,532	0.1	794	0.1
Fur goods	33	325	0.1	2,515	0.1	1,143	0.2
Bookbinding and blank-book making	40	623	0.3	2,463	0.1	1,576	0.2
Grease and tallow, not including lubricating greases	19	163	0.1	2,427	0.1	735	0.1
Patent medicines and compounds	90	276	0.1	2,383	0.1	1,382	0.2
Salt	24	446	0.2	2,286	0.1	1,201	0.2
Artificial stone products	114	608	0.3	2,254	0.1	1,399	0.2
Furnishing goods, men's	8	263	0.1	2,205	0.1	907	0.1
Shirts	18	530	0.2	2,172	0.1	846	0.1
Gloves and mittens, leather	27	665	0.3	2,049	0.1	1,193	0.2
All other industries [1]	1,592	18,539	7.6	239,880	12.1	55,369	7.3

[1] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 5 having products in excess of some for which figures are shown in the table. These industries are as follows: "Cars, steam-railroad, not including operations of railroad companies"; "cotton goods"; "oil and cake, cottonseed"; "smelting and refining, lead"; and "sugar, refining, not including beet sugar."

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	296,858	248,940	47,918	83.9	16.1
	1914	176,547	151,532	25,015	85.8	14.2
	1909	141,576	123,929	17,647	87.5	12.5
Proprietors and officials	1919	23,601	22,605	996	95.8	4.2
	1914	17,169	16,606	563	96.7	3.3
	1909	13,640	13,293	347	97.5	2.5
Proprietors and firm members	1919	12,452	11,912	540	95.7	4.3
	1914	10,429	10,027	402	96.1	3.9
	1909	8,077	7,826	251	96.9	3.1
Salaried officers of corporations	1919	3,456	3,271	185	94.6	5.4
	1914	2,790	2,677	113	95.9	4.1
	1909	2,103	2,036	67	96.8	3.2
Superintendents and managers	1919	7,693	7,422	271	96.5	3.5
	1914	3,950	3,902	48	98.8	1.2
	1909	3,460	3,431	29	99.2	0.8
Clerks and other subordinate salaried employees	1919	29,565	19,766	9,799	66.9	33.1
	1914	19,897	15,625	4,272	78.5	21.5
	1909	12,640	9,672	2,968	76.5	23.5
Wage earners (average number)	1919	243,692	206,569	37,123	84.8	15.2
	1914	139,481	119,301	20,180	85.5	14.5
	1909	115,296	100,964	14,332	87.6	12.4
16 years of age and over	1919	242,165	205,601	36,564	84.9	15.1
	1914	138,210	118,690	19,520	85.9	14.1
	1909	114,236	100,218	14,018	87.7	12.3
Under 16 years of age	1919	1,527	968	559	63.4	36.6
	1914	1,271	611	660	48.1	51.9
	1909	1,060	746	314	70.4	29.6

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	243,692	84.4	15.0	0.6
	1914	139,481	85.1	14.0	0.9
	1909	115,296	86.9	12.2	0.9
Agricultural implements	1919	1,578	98.5	1.4	0.1
	1914	704	99.4	0.3	0.3
Automobile bodies and parts	1919	1,681	96.5	3.3	0.2
	1914	439	96.8	3.0	0.2
Automobile repairing	1919	5,992	98.9	0.7	0.4
	1914	1,532	99.7	0.3	0.1
Boxes, wooden packing, except cigar boxes	1919	1,657	88.4	11.0	0.6
	1914	1,156	94.6	4.8	0.5
Bread and other bakery products	1919	5,394	73.3	26.0	0.7
	1914	4,851	78.7	20.7	0.7
Brick and tile, terra-cotta, and fire-clay products	1919	1,747	96.8	2.6	0.6
	1914	2,387	99.2	0.6	0.2
Canning and preserving, fish	1919	2,989	49.1	50.8	0.1
	1914	747	55.6	44.4	.....
Canning and preserving, fruits and vegetables	1919	19,575	49.0	47.8	3.2
	1914	11,029	38.6	55.5	5.9
Cars and general shop construction and repairs by electric-railroad companies	1919	1,731	98.8	1.2	.....
	1914	2,086	100.0	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	1919	16,213	99.3	0.7	.....
	1914	11,563	100.0	.....	(1)
Chemicals	1919	1,466	98.5	1.4	0.1
	1914	257	99.2	0.4	0.4
Clothing, men's	1919	2,411	16.1	83.5	0.5
	1914	2,037	21.1	78.3	0.6
Clothing, women's	1919	3,124	16.2	83.2	0.6
	1914	1,060	36.8	63.2	.....
Confectionery and ice cream [2]	1919	4,214	41.9	57.6	0.5
	1914	2,104	35.2	57.5	7.4
Copper, tin, and sheet-iron work	1919	1,462	96.8	3.2	.....
	1914	1,246	98.1	1.3	0.6
Electrical machinery, apparatus, and supplies	1919	2,008	58.8	41.0	0.1
	1914	780	69.6	29.9	0.5
Engines, steam, gas, and water	1919	2,231	98.7	1.2	0.1
	1914	813	99.0	0.1	0.9
Flour-mill and gristmill products	1919	1,779	91.8	8.0	0.1
	1914	1,067	94.6	4.6	0.8
Foundry and machine-shop products [3]	1919	10,118	98.9	1.0	0.1
	1914	5,273	99.3	0.4	0.3
Furniture	1919	2,883	91.6	7.5	0.9
	1914	1,601	97.6	1.6	0.8
Gas, illuminating and heating	1919	2,444	99.9	0.1	(1)
	1914	2,317	99.9	.....	0.1
Ice, manufactured	1919	1,536	99.5	0.3	0.3
	1914	1,139	99.9	.....	0.1
Iron and steel, steel works and rolling mills	1919	3,476	99.2	0.7	(1)
	1914	1,244	99.9	0.1	.....
Leather, tanned, curried, and finished	1919	1,453	96.9	2.9	0.2
	1914	1,361	99.8	0.2	.....
Lumber and timber products	1919	16,957	97.1	2.8	0.2
	1914	15,087	99.4	0.5	0.2
Lumber, planing-mill products, not including planing mills connected with sawmills	1919	6,215	98.0	1.8	0.2
	1914	6,109	99.6	0.1	0.3
Petroleum, refining	1919	5,132	97.6	2.4	.....
	1914	1,930	99.9	0.1	.....
Pickles, preserves, and sauces	1919	1,719	39.1	60.6	0.3
	1914	896	40.4	58.5	1.1
Printing and publishing, book and job	1919	3,818	73.7	24.7	1.7
	1914	3,172	74.8	23.8	1.4
Printing and publishing, newspapers and periodicals	1919	4,770	86.3	6.6	7.1
	1914	4,334	90.4	7.8	1.8
Shipbuilding, steel	1919	46,052	99.9	0.1	.....
	1914	3,096	100.0	.....	.....
Shipbuilding, wooden, including boat building	1919	1,478	99.9	0.1	.....
	1914	361	97.2	2.2	0.6
Slaughtering and meat packing	1919	3,405	93.8	6.0	0.1
	1914	2,172	96.5	3.0	0.4
Sugar, beet	1919	1,512	97.0	3.0	0.1
	1914	2,009	99.2	0.7	0.1
Tinware, not elsewhere specified [4]	1919	2,915	69.0	31.0	.....
Tobacco, cigars and cigarettes	1919	1,677	52.9	46.1	1.0
	1914	1,507	68.9	30.6	0.5
All other industries	1919	48,881	78.4	21.1	0.5
	1914	40,015	84.9	14.8	0.4

[1] Less than one-tenth of 1 per cent.
[2] Includes "chewing gum."
[3] Includes "iron and steel, tempering and welding"; "machine tools"; and "steel barrels, drums, and tanks."
[4] Not shown separately in 1914.

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
Alameda	6,787	1,087	915	6,746	1,046	896	41	38	17	.....	3	2	$25,449,598	$2,786,176	$2,554,417
Bakersfield	1,178	894	746	1,158	882	742	20	12	2	.....	.....	2	5,699,051	2,928,373	2,818,744
Berkeley	2,319	1,328	1,084	1,779	944	924	482	370	145	58	14	15	28,331,212	7,321,044	4,435,374
Eureka	977	799	946	921	763	897	19	34	46	37	2	3	3,960,268	2,480,374	3,011,682
Fresno	3,903	2,903	1,938	3,134	1,699	1,168	720	1,204	745	49	.....	25	48,943,823	16,520,109	11,090,195
Glendale	216	.....	.....	164	.....	.....	52	.....	.....	.....	.....	.....	1,173,720	.....	.....
Long Beach	3,769	885	277	3,307	645	262	462	237	14	.....	3	1	14,382,769	2,944,888	927,180
Los Angeles	47,118	23,744	17,327	38,643	19,428	15,065	8,317	4,241	2,075	158	75	187	278,184,143	103,457,993	68,586,274
Oakland	23,347	7,706	6,905	20,548	5,879	5,601	2,664	1,795	1,064	135	32	240	134,755,470	28,521,828	22,342,926
Pasadena	1,044	536	499	785	397	355	238	109	121	21	30	23	5,767,527	1,971,891	1,724,364
Pomona	535	322	224	381	201	111	145	110	113	9	11	.....	3,754,153	825,000	559,661
Richmond	4,305	.....	.....	4,124	.....	.....	169	.....	.....	12	.....	.....	75,315,608	.....	.....
Riverside	421	[1] 277	263	359	[1] 261	249	58	[1] 13	12	4	[1] 3	2	2,354,476	[1] 1,021,929	1,012,675
Sacramento	6,341	5,334	4,521	5,425	4,421	4,040	786	596	463	130	317	18	34,198,980	16,382,670	14,006,303
San Bernardino	2,107	1,077	729	2,027	1,050	714	60	22	10	20	5	5	7,473,789	2,612,669	1,659,705
San Diego	3,427	2,060	1,071	2,752	1,698	955	662	356	102	13	6	14	20,225,723	9,020,895	4,740,990
San Francisco	48,550	31,758	28,244	37,784	24,427	22,852	10,540	7,019	5,173	226	312	219	417,321,277	162,299,795	133,041,069
San Jose	3,090	2,029	1,399	2,090	1,107	841	928	761	540	72	161	18	25,135,500	10,806,117	5,482,747
Santa Ana	628	.....	.....	417	.....	.....	209	.....	.....	2	.....	.....	3,627,249	.....	.....
Santa Barbara	481	276	239	403	261	220	37	12	16	41	3	3	1,943,533	843,673	842,831
Santa Cruz	572	401	274	461	368	269	91	33	5	20	.....	.....	3,944,114	1,320,427	1,161,269
Santa Monica	136	.....	.....	97	.....	.....	39	.....	.....	.....	.....	.....	519,241	.....	.....
Stockton	3,534	1,919	1,571	3,213	1,671	1,384	292	242	186	29	6	1	30,675,898	11,293,483	11,470,425
Vallejo	478	292	203	461	269	189	15	23	14	2	.....	.....	18,056,382	3,071,919	1,895,562
Venice	48	.....	.....	22	.....	.....	26	.....	.....	.....	.....	.....	193,413	.....	.....

[1] Figures do not agree with those published, because it was necessary to revise them 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	231,968	*119,688*	94,747	82.2	74.3	71.6	July	275,146	157,054	124,886	97.5	97.5	94.4
February	*220,138*	121,611	*94,252*	78.0	75.5	71.3	August	**282,312**	**161,072**	131,202	100.0	100.0	99.2
March	223,632	126,749	100,372	79.2	78.7	75.9	September	276,678	159,574	**132,280**	98.0	99.1	100.0
April	233,033	135,252	108,437	82.5	84.0	82.0	October	244,813	152,431	129,864	86.7	94.6	98.2
May	241,639	140,981	115,839	85.6	87.5	87.6	November	223,216	132,945	121,486	79.1	82.5	91.8
June	249,880	144,762	119,911	88.5	89.9	90.6	December	221,849	121,653	110,281	78.6	75.5	83.4

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

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

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	243,692	231,968	*220,138*	223,632	233,033	241,639	249,880	275,146	**282,312**	276,678	244,813	223,216	221,849	78.0
Males	206,569	204,214	194,464	197,986	205,742	214,374	216,077	222,358	225,087	**225,673**	199,392	*185,154*	188,307	82.0
Females	37,123	27,754	25,674	*25,646*	27,291	27,265	33,803	52,788	**57,225**	51,005	45,421	38,062	33,542	44.8
Agricultural implements	1,578	**2,112**	2,067	1,796	1,675	1,621	1,451	1,287	*1,184*	1,196	1,393	1,522	1,632	56.1
Automobile bodies and parts	1,681	*1,459*	1,462	1,506	1,592	1,659	1,713	1,672	1,730	1,789	1,820	1,869	1,921	74.9
Automobile repairing	5,992	*5,483*	5,524	5,613	5,714	5,937	5,944	6,138	**6,166**	6,279	6,323	6,357	6,426	85.3
Boxes, wooden packing, except cigar boxes	1,657	1,377	*1,369*	1,523	1,553	1,612	1,603	1,750	1,887	1,843	1,838	1,755	1,774	72.5
Bread and other bakery products	5,394	5,237	*5,220*	5,257	5,223	5,255	5,360	5,429	5,398	5,456	5,574	5,610	**5,709**	91.4
Brick and tile, terra-cotta, and fire-clay products	1,747	*1,218*	1,241	1,369	1,619	1,712	1,837	1,953	2,003	1,921	1,923	2,044	2,124	57.3
Canning and preserving, fish	2,989	4,065	2,752	1,880	1,183	*976*	2,154	**4,718**	4,512	4,212	3,629	2,857	2,930	20.7
Canning and preserving, fruits and vegetables	19,575	8,121	5,289	*4,862*	8,203	8,559	16,190	38,106	**44,571**	38,414	31,273	19,574	11,738	10.9
Cars and general shop construction and repairs by electric-railroad companies	1,731	1,765	**1,839**	1,783	1,787	1,787	*1,552*	1,779	1,717	1,586	1,637	1,739	1,801	84.4
Cars and general shop construction and repairs by steam-railroad companies	16,213	*15,234*	15,482	**15,886**	16,101	16,120	15,903	16,030	16,172	16,379	16,705	17,162	17,382	87.6
Chemicals	1,466	**1,886**	1,728	1,622	1,463	1,337	*1,273*	1,275	1,346	1,392	1,400	1,429	1,441	67.5
Clothing, men's	2,411	*2,180*	2,268	2,254	2,211	2,269	2,318	2,381	2,477	2,390	2,548	2,788	2,848	76.5
Clothing, women's	3,124	*2,874*	2,561	2,850	2,938	3,003	3,250	3,104	3,286	3,602	**3,731**	3,574	3,215	63.6
Confectionery and ice cream	4,083	*3,497*	3,561	3,709	3,810	3,744	3,881	3,903	4,210	4,459	4,671	4,829	4,722	72.4
Copper, tin, and sheet-iron work	1,462	1,452	*1,353*	1,408	1,376	1,391	1,467	1,485	1,610	1,557	1,426	1,499	1,520	84.0
Electrical machinery, apparatus, and supplies	2,008	1,865	1,809	1,837	1,873	*1,803*	1,804	2,031	2,107	2,084	2,275	**2,328**	2,280	77.4
Engines, steam, gas, and water	2,231	2,715	2,150	1,697	2,424	2,366	2,418	2,437	2,613	2,624	*1,691*	1,784	1,853	62.3
Flour-mill and gristmill products	1,779	1,822	1,710	*1,615*	1,631	1,646	1,637	1,800	1,773	1,835	1,894	2,005	1,980	80.5
Foundry and machine-shop products	9,827	10,178	9,160	8,840	10,289	10,539	10,581	10,732	**10,941**	10,802	*8,229*	8,391	9,242	75.2
Furniture	2,883	*2,216*	2,344	2,303	2,524	2,590	2,783	3,000	3,154	3,216	3,369	3,477	3,530	62.8

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.	
Gas, illuminating and heating	2,444	2,208	*2,079*	2,140	2,336	2,378	2,452	2,508	2,490	2,436	2,714	2,851	2,736	72.9
Ice, manufactured	1,535	*1,177*	1,190	1,269	1,420	1,560	1,695	**1,938**	1,927	1,829	1,747	1,396	1,272	60.7
Iron and steel, steel works and rolling mills	3,476	3,566	3,450	3,430	3,317	3,439	*3,269*	3,376	3,538	3,431	3,746	3,548	3,562	88.3
Leather, tanned, curried, and finished	1,453	1,455	1,423	1,408	1,428	*1,401*	1,438	1,503	**1,506**	1,483	1,487	1,438	1,466	93.0
Lumber and timber products	16,957	*11,023*	11,042	12,168	16,328	19,192	19,749	**20,957**	20,218	19,928	19,581	18,550	14,748	52.6
Lumber, planing-mill products, not including planing mills connected with sawmills	6,215	5,311	*5,262*	5,263	5,504	5,867	6,306	6,585	6,679	6,678	6,951	7,053	**7,121**	73.9
Petroleum, refining	5,132	5,066	4,894	4,753	*4,737*	4,785	5,024	5,222	5,386	5,399	5,295	5,417	**5,606**	84.5
Pickles, preserves, and sauces	1,719	1,432	1,181	1,005	*934*	1,244	1,375	2,143	2,234	2,413	2,433	2,236	1,998	38.4
Printing and publishing, book and job	3,818	*3,560*	3,638	3,650	3,701	3,730	3,814	3,867	3,852	3,844	3,933	4,061	**4,166**	85.5
Printing and publishing, newspapers and periodicals	4,770	4,645	4,699	4,673	*4,590*	4,627	4,671	4,700	4,803	4,790	4,893	5,101	5,048	90.0
Shipbuilding, steel	46,052	58,900	53,920	57,567	56,567	**60,447**	57,702	52,312	49,729	47,953	21,497	*12,754*	23,276	21.1
Shipbuilding, wooden, including boat building	1,478	**2,017**	1,999	1,970	2,015	1,691	1,735	1,622	1,585	1,188	680	*600*	634	29.7
Slaughtering and meat packing	3,405	3,526	3,433	3,545	3,341	3,312	3,326	*3,271*	3,353	3,324	3,441	3,470	3,518	92.3
Sugar, beet	1,512	1,179	*552*	646	719	760	811	1,191	1,625	2,771	**3,654**	2,731	1,505	15.1
Tinware, not elsewhere specified	2,915	2,624	2,474	2,419	2,391	*2,378*	2,504	3,186	**3,926**	3,759	3,639	2,885	2,795	60.6
Tobacco, cigars and cigarettes	1,677	*1,486*	1,516	1,587	1,590	1,563	1,581	1,578	1,669	1,787	1,901	1,927	1,939	76.6
All other industries	49,303	46,557	46,497	*46,489*	46,926	47,339	47,269	48,177	48,935	50,629	53,872	**54,605**	54,391	85.0
Industries showing large proportion of females.														
Bread and other bakery products	1,411	1,392	1,364	1,376	*1,337*	1,357	1,373	1,411	1,385	1,377	1,476	1,517	**1,567**	85.3
Canning and preserving, fish	1,519	1,993	1,385	924	579	*324*	1,211	2,732	2,403	2,268	1,803	1,267	1,339	11.9
Canning and preserving, fruits and vegetables	9,768	2,352	*1,234*	1,373	3,153	2,990	8,040	24,112	27,792	21,337	14,378	7,220	3,235	4.4
Clothing, men's	2,022	*1,827*	1,921	1,884	1,849	1,879	1,918	1,967	2,042	2,045	2,174	2,366	**2,392**	76.4
Clothing, women's	2,615	*1,928*	2,072	2,319	2,423	2,505	2,730	2,727	2,878	3,016	**3,124**	2,983	2,675	61.7
Confectionery and ice cream	2,339	*2,002*	2,057	2,134	2,152	2,061	2,058	2,038	2,298	2,559	2,812	2,962	2,935	67.6
Electrical machinery, apparatus, and supplies	824	866	828	842	828	772	*760*	829	846	773	837	869	838	87.5
Pickles, preserves, and sauces	1,044	821	610	540	*496*	789	818	1,410	1,426	1,527	**1,538**	1,367	1,186	32.2
Printing and publishing, book and job	950	*882*	896	894	906	913	958	996	951	940	974	1,030	**1,060**	83.2
Tinware, not elsewhere specified	904	854	724	727	*697*	722	785	1,103	**1,251**	1,167	1,132	888	798	55.7
Tobacco, cigars and cigarettes	773	*638*	671	731	730	717	726	731	799	845	894	**908**	886	70.3
Total for cities	165,311	166,443	157,300	160,134	163,540	168,707	171,828	180,538	182,811	180,595	157,277	*144,804*	150,255	78.9
Males	137,899	143,718	135,994	138,564	141,292	146,400	145,915	146,659	146,931	146,521	124,785	*114,667*	123,342	78.0
Females	27,412	22,725	*21,306*	21,570	22,248	22,307	25,913	33,879	35,880	34,074	32,492	29,637	26,913	59.4
ALAMEDA	6,787	8,117	8,240	6,863	6,855	8,719	**8,942**	7,612	7,168	6,675	5,905	*2,204*	4,144	24.6
Males	6,746	8,076	8,198	6,822	6,815	8,677	**8,900**	7,572	7,128	6,633	5,864	*2,163*	4,104	24.3
Females	41	41	42	41	*40*	42	**42**	*40*	*40*	42	41	41	*40*	95.2
BAKERSFIELD	1,178	1,087	*1,080*	1,102	1,106	1,106	1,143	1,167	1,251	1,291	1,280	1,281	1,242	83.7
Males	1,158	1,074	*1,068*	1,089	1,086	1,086	1,121	1,151	1,209	1,263	1,255	**1,266**	1,228	84.4
Females	20	13	*12*	13	20	20	22	16	42	28	25	15	14	28.6
BERKELEY	2,319	2,181	2,096	*1,905*	2,033	2,171	2,408	2,755	2,835	2,685	2,344	2,274	2,141	67.2
Males	1,815	1,777	1,689	*1,521*	1,669	1,783	1,844	1,985	2,088	2,179	1,800	1,771	1,674	69.8
Females	504	404	407	384	*364*	388	564	**770**	747	506	544	503	467	47.3
EUREKA	977	*786*	782	808	809	895	945	1,068	1,095	1,189	1,202	1,131	1,034	63.7
Males	958	*749*	765	790	791	876	926	1,046	1,075	1,171	1,184	1,105	1,018	63.3
Females	19	17	17	18	18	19	19	22	20	18	18	**26**	*16*	61.5
FRESNO	3,903	3,705	2,720	*2,510*	2,685	2,906	3,213	3,737	3,459	4,356	6,923	5,870	4,752	36.3
Males	3,175	2,899	2,320	*2,099*	2,399	2,643	2,912	3,470	2,925	3,411	5,011	4,238	3,773	41.9
Females	728	806	400	411	286	*263*	301	267	534	945	1,912	1,632	979	13.8
GLENDALE	216	214	223	227	232	222	219	214	211	*199*	201	205	225	85.8
Males	164	*152*	159	164	177	163	163	161	159	156	163	167	184	82.6
Females	52	62	64	63	55	59	56	53	52	43	*38*	*38*	41	59.4
LONG BEACH	3,769	4,497	4,363	4,646	4,091	3,826	3,797	3,905	3,808	3,887	*2,339*	3,014	3,055	50.3
Males	3,307	3,973	3,937	4,177	3,832	3,563	3,440	3,268	3,300	3,350	*1,778*	2,501	2,565	42.6
Females	462	524	426	469	*259*	263	357	637	508	537	561	513	490	40.7
LOS ANGELES	47,118	48,597	46,953	47,072	47,109	47,523	*44,152*	45,586	47,750	48,067	44,783	48,602	49,222	89.7
Males	38,759	41,596	40,409	40,494	40,442	40,669	36,576	36,135	37,382	37,743	*34,478*	38,877	40,307	82.9
Females	8,359	7,001	*6,544*	6,578	6,667	6,854	7,576	9,451	**10,368**	10,324	10,305	9,725	8,915	63.1
OAKLAND	23,347	22,641	17,943	23,409	26,761	27,778	29,224	30,158	**30,396**	28,611	12,867	*12,859*	17,517	42.3
Males	20,631	20,421	15,877	21,297	24,600	25,446	26,337	26,011	26,430	25,009	*10,303*	10,523	15,313	39.0
Females	2,716	2,220	*2,066*	2,112	2,161	2,332	2,887	4,147	3,966	3,602	2,559	2,336	2,204	49.8
PASADENA	1,044	844	*817*	862	859	957	934	1,287	**1,296**	1,257	1,215	1,130	1,070	63.0
Males	797	706	*677*	699	691	743	742	844	894	884	898	883	903	75.0
Females	247	*138*	140	163	168	214	192	443	402	373	317	247	167	31.2
POMONA	535	329	*324*	330	342	358	391	1,042	997	773	616	547	371	31.1
Males	381	310	*305*	310	322	337	369	499	482	468	425	399	346	61.1
Females	154	*19*	*19*	20	20	21	22	543	515	305	191	148	25	3.5
RICHMOND	4,305	4,458	4,299	4,294	4,315	4,336	4,270	*4,126*	4,246	4,296	4,144	4,280	4,597	89.7
Males	4,136	4,091	4,023	4,116	4,139	4,163	4,123	*4,017*	4,132	4,183	4,035	4,156	4,454	90.2
Females	169	**367**	276	178	176	173	147	*108*	114	113	109	124	143	29.4
RIVERSIDE	421	392	404	346	*340*	422	431	461	461	456	439	437	463	73.4
Males	363	343	361	328	*314*	352	357	375	373	374	374	396	409	76.8
Females	58	49	43	*18*	26	70	74	86	88	82	65	41	54	20.5
SACRAMENTO	6,341	5,442	*5,159*	5,532	6,636	5,983	6,746	6,681	7,762	7,279	6,911	6,204	5,757	66.5
Males	5,496	5,122	*4,911*	4,972	5,387	5,260	5,420	5,554	5,993	**6,086**	6,043	5,687	5,517	80.7
Females	845	320	248	560	1,249	723	1,326	1,127	1,769	1,193	868	517	*240*	13.6
SAN BERNARDINO	2,107	*1,733*	1,836	2,018	2,057	2,095	2,189	2,340	2,139	2,191	2,240	2,235	2,211	74.1
Males	2,047	*1,721*	1,820	2,007	2,043	2,077	2,112	2,135	2,085	2,081	2,146	2,146	2,191	78.5
Females	60	12	16	*11*	14	18	77	205	54	**110**	94	89	20	10.0

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.]

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.	
SAN DIEGO	3,427	3,121	3,033	2,852	2,843	*2,750*	3,647	4,248	4,082	4,333	3,722	3,237	3,256	63.5
Males	2,763	2,395	2,364	*2,343*	2,352	2,433	3,013	3,139	3,290	3,401	2,954	2,797	2,675	68.9
Females	664	726	669	509	491	*317*	634	1,109	792	932	768	440	581	28.6
SAN FRANCISCO	48,550	50,778	49,852	48,586	47,458	49,437	51,348	52,622	51,348	51,540	49,511	*39,340*	40,774	74.8
Males	37,936	**41,614**	40,607	39,150	37,825	39,547	40,766	41,288	39,455	39,887	37,913	*27,852*	29,328	66.9
Females	10,614	*9,164*	9,245	9,436	9,633	9,890	10,582	11,334	**11,893**	11,653	11,598	11,494	11,446	77.1
SAN JOSE	3,090	1,703	*1,512*	1,577	1,758	1,907	2,524	5,553	5,913	5,125	4,258	3,070	2,180	25.6
Males	2,120	1,468	*1,339*	1,382	1,577	1,690	1,936	2,875	3,229	3,012	2,751	2,243	1,938	41.5
Females	970	235	*173*	195	181	217	588	2,678	**2,684**	2,113	1,507	827	242	6.4
SANTA ANA	628	394	401	378	*375*	406	471	834	965	970	803	797	712	38.7
Males	419	331	338	*325*	329	353	404	469	493	514	516	491	465	63.0
Females	209	63	63	53	*46*	53	67	365	**472**	456	287	306	277	9.7
SANTA BARBARA	481	421	426	*419*	460	467	477	477	487	468	524	588	558	71.3
Males	444	388	393	*385*	425	434	441	445	454	430	484	539	510	71.4
Females	37	33	33	34	35	33	36	*32*	33	38	40	49	48	65.3
SANTA CRUZ	572	540	525	*441*	449	460	478	664	712	697	673	626	599	61.9
Males	479	447	439	*410*	416	425	445	530	546	534	527	523	506	75.1
Females	93	93	86	*31*	33	35	33	134	**166**	163	146	103	93	18.7
SANTA MONICA	136	77	122	154	161	161	159	160	156	156	113	108	105	47.8
Males	97	*44*	85	118	126	120	119	121	114	115	73	66	63	34.9
Females	39	*33*	37	36	35	41	40	39	42	41	40	42	42	78.6
STOCKTON	3,534	3,896	3,693	3,297	3,285	3,300	*3,189*	3,233	3,719	3,588	3,747	3,733	3,728	81.9
Males	3,223	3,550	3,455	3,101	3,054	3,077	*2,960*	3,002	3,180	3,171	3,329	3,394	3,403	83.4
Females	311	346	238	*196*	231	223	229	231	**539**	417	418	339	325	36.4
VALLEJO	478	466	*450*	461	476	476	479	555	504	456	471	479	463	81.1
Males	463	451	*435*	446	461	461	464	540	489	441	456	464	448	80.6
Females	15	15	15	15	15	15	15	15	15	15	15	15	15	.....
VENICE	48	*44*	47	45	45	46	52	54	51	50	46	47	49	81.5
Males	22	20	20	*19*	20	22	25	27	26	25	20	20	20	70.4
Females	26	*24*	27	26	25	*24*	27	27	25	25	26	27	29	82.8

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	243,692	74,032	3,880	112,500	6,453	17,543	9,585	14,343	5,356
	1914	139,481	(2)	(2)	46,676	8,360	39,142	4,552	30,304	10,447
	1909	115,296	(2)	(2)	22,765	9,652	34,674	6,968	31,107	10,130
Agricultural implements	1919	1,578	30	.....	1,235	265	48	.....	.....	.....
	1914	704	(2)	(2)	8	26	670	.....	.....	.....
Automobile bodies and parts	1919	1,681	270	50	1,143	59	158	1	.....	.....
	1914	439	(2)	(2)	165	67	204	2	.....	1
Automobile repairing	1919	5,992	770	34	2,874	278	1,776	122	80	58
	1914	1,532	(2)	(2)	571	46	741	13	95	66
Boxes, wooden packing, except cigar boxes	1919	1,657	71	71	643	68	658	.....	146	.....
	1914	1,156	(2)	(2)	13	131	606	85	321	.....
Bread and other bakery products	1919	5,394	87	110	3,830	451	658	127	91	40
	1914	4,851	(2)	(2)	1,324	699	1,736	351	646	95
Brick and tile, terra-cotta, and fire-clay products	1919	1,747	.....	.....	893	32	810	12	.....	.....
	1914	2,387	(2)	(2)	325	14	1,808	14	226	.....
Canning and preserving, fish	1919	2,989	520	188	1,471	105	173	145	387	.....
	1914	747	(2)	(2)	632	.....	63	32	20	.....
Canning and preserving, fruits and vegetables	1919	19,575	2,111	13	7,569	29	1,848	118	6,245	1,642
	1914	11,029	(2)	(2)	504	231	2,827	163	6,636	668
Cars and general shop construction and repairs by electric-railroad companies.	1919	1,731	132	.....	621	.....	835	7	135	1
	1914	2,086	(2)	(2)	1,204	.....	835	.....	2	45
Cars and general shop construction and repairs by steam-railroad companies.	1919	16,213	19	.....	13,775	.....	31	1,943	444	1
	1914	11,563	.....	.....	.....	.....	8,979	29	25	2,530
Chemicals	1919	1,466	4	21	707	17	10	552	33	122
	1914	257	(2)	(2)	44	.....	61	5	79	68
Clothing, men's	1919	2,411	2,085	45	271	.....	1	.....	9	.....
	1914	2,037	(2)	(2)	1,686	86	206	.....	50	9
Clothing, women's	1919	3,124	1,198	563	1,343	.....	20	.....	.....	.....
	1914	1,060	(2)	(2)	960	.....	59	16	25	.....
Confectionery and ice cream [3]	1919	4,214	145	94	3,041	462	149	153	85	85
	1914	2,104	(2)	(2)	1,220	265	516	22	11	70

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

[2] Corresponding figures not available.

[3] Includes "chewing gum."

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.
Copper, tin, and sheet-iron work	1919	1,462	810	14	580	29	29	.....	.....	.....
	1914	1,246	(2)	(2)	1,099	10	135	.....	2	.....
Electrical machinery, apparatus, and supplies	1919	2,008	1,005	4	336	656	7	.....	.....	.....
	1914	780	(2)	(2)	224	152	364	40	.....	.....
Engines, steam, gas, and water	1919	2,231	1,271	.....	839	9	112	.....	.....	.....
	1914	813	(2)	(2)	663	.....	150	.....	.....	.....
Flour-mill and gristmill products	1919	1,779	4	.....	1,434	42	230	14	44	11
	1914	1,067	(2)	(2)	34	46	136	96	745	10
Foundry and machine-shop products [3]	1919	10,118	3,749	11	5,088	710	524	11	23	2
	1914	5,273	(2)	(2)	2,493	343	2,241	103	89	4
Furniture	1919	2,883	699	.....	2,096	83	3	.....	2	.....
	1914	1,601	(2)	(2)	843	412	275	20	51	.....
Gas, illuminating and heating	1919	2,444	17	.....	2,298	6	13	30	.....	30
	1914	2,317	(2)	(2)	1,530	3	397	34	42	311
Ice, manufactured	1919	1,535	9	.....	516	14	177	627	49	143
	1914	1,139	(2)	(2)	25	2	4	464	314	330
Iron and steel, steel works and rolling mills	1919	3,476	826	.....	1,223	.....	450	977	.....	.....
	1914	1,244	(2)	(2)	435	178	444	4	183	.....
Leather, tanned, curried, and finished	1919	1,453	.....	.....	1,436	.....	11	6	.....	.....
	1914	1,361	(2)	(2)	2	.....	1,314	45	.....	.....
Lumber and timber products	1919	16,957	19	.....	9,805	18	981	733	5,401	.....
	1914	15,087	(2)	(2)	53	1	238	231	14,372	192
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	6,215	1,703	23	4,104	100	257	4	24	.....
	1914	6,109	(2)	(2)	3,025	405	1,970	.....	709	.....
Petroleum, refining	1919	5,132	8	.....	3,417	118	27	1,562	.....	.....
	1914	1,930	(2)	(2)	1,239	20	261	41	2	367
Pickles, preserves, and sauces	1919	1,719	12	8	1,270	56	337	26	10	.....
	1914	896	(2)	(2)	183	76	137	11	488	1
Printing and publishing, book and job	1919	3,818	362	182	3,237	13	11	4	9	.....
	1914	3,172	(2)	(2)	3,012	84	72	4	.....	.....
Printing and publishing, newspapers and periodicals	1919	4,770	94	621	3,934	36	78	.....	7	.....
	1914	4,334	(2)	(2)	3,959	93	244	.....	36	2
Shipbuilding, steel	1919	46,052	45,824	.....	228	.....	.....	.....	.....	.....
	1914	3,096	(2)	(2)	2,735	.....	.....	.....	.....	361
Shipbuilding, wooden, including boat building	1919	1,478	1,155	.....	322	.....	1	.....	.....	.....
	1914	361	(2)	(2)	300	.....	61	.....	.....	.....
Slaughtering and meat packing	1919	3,405	211	71	2,789	35	224	16	31	28
	1914	2,172	(2)	(2)	200	32	425	229	1,243	43
Sugar beet	1919	1,512	.....	.....	.....	.....	107	.....	.....	1,405
	1914	2,009	.....	.....	.....	.....	.....	.....	.....	2,009
Tinware, not elsewhere specified [4]	1919	2,915	5	.....	293	14	2,603	.....	.....	.....
Tobacco, cigars and cigarettes	1919	1,677	179	275	1,204	.....	4	.....	15	.....
	1914	1,507	(2)	(2)	1,221	201	51	5	29	.....
All other industries	1919	48,881	8,628	1,482	26,635	2,748	4,182	2,345	1,073	1,788
	1914	40,015	(2)	(2)	14,745	4,737	10,912	2,493	3,863	3,265
Total for cities	1919	165,311	62,550	3,460	77,855	4,194	9,682	2,841	3,508	1,221
	1914	85,627	(2)	(2)	38,254	7,400	26,495	2,178	7,872	3,428
ALAMEDA	1919	6,787	6,310	7	470	.....	.....	.....	.....	.....
	1914	1,087	(2)	(2)	755	26	298	3	2	3
BAKERSFIELD	1919	1,178	5	3	999	.....	101	51	8	11
	1914	894	(2)	(2)	145	23	503	48	19	156
BERKELEY	1919	2,319	859	.....	986	61	250	60	.....	103
	1914	1,328	(2)	(2)	553	264	454	9	48	.....
EUREKA	1919	977	10	8	908	.....	43	8	.....	.....
	1914	799	(2)	(2)	163	.....	81	2	553	.....
FRESNO	1919	3,903	1,380	93	1,315	78	90	56	802	89
	1914	2,903	(2)	(2)	645	36	1,182	53	897	90
GLENDALE	1919	216	.....	.....	44	.....	168	.....	4	.....
LONG BEACH	1919	3,769	2,508	32	930	19	254	23	3	.....
	1914	885	(2)	(2)	549	12	253	25	46	.....
LOS ANGELES	1919	47,118	12,655	1,167	26,007	2,129	3,400	1,382	350	28
	1914	23,744	(2)	(2)	8,185	2,407	9,092	958	1,964	1,138
OAKLAND	1919	23,347	13,736	112	7,302	597	535	657	400	8
	1914	7,706	(2)	(2)	4,015	216	2,175	100	835	365
PASADENA	1919	1,044	86	80	522	25	312	10	.....	9
	1914	536	(2)	(2)	246	3	202	7	44	34

[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."
[4] Not shown separately in 1914.

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 51.	54.	Between 54 and 60.	60.	Over 60.
POMONA	1919	535	3	.....	171	.....	215	4	133	9
	1914	322	(2)	(2)	208	.....	58	2	22	32
RICHMOND	1919	4,305	248	1	3,919	.....	137	.....	.....	.....
RIVERSIDE	1919	421	61	.....	119	72	134	12	23	.....
	1914	277	(2)	(2)	120	9	128	.....	12	8
SACRAMENTO	1919	6,341	225	39	4,773	71	468	77	649	39
	1914	5,334	(2)	(2)	1,075	188	3,378	84	581	28
SAN BERNARDINO	1919	2,107	.....	.....	1,877	57	76	72	.....	25
	1914	1,077	(2)	(2)	75	9	53	9	20	911
SAN DIEGO	1919	3,427	968	226	1,889	105	190	42	.....	7
	1914	2,060	(2)	(2)	1,063	244	557	106	49	41
SAN FRANCISCO	1919	48,550	22,906	1,483	19,820	909	2,439	98	493	402
	1914	31,758	(2)	(2)	18,773	3,859	6,350	672	1,530	574
SAN JOSE	1919	3,090	268	56	1,192	47	454	14	600	459
	1914	2,029	(2)	(2)	772	17	623	38	557	22
SANTA ANA	1919	628	3	66	330	18	178	3	25	5
SANTA BARBARA	1919	481	33	19	294	.....	77	43	15	.....
	1914	276	(2)	(2)	145	16	77	6	20	12
SANTA CRUZ	1919	572	.....	.....	461	.....	20	87	.....	4
	1914	401	(2)	(2)	105	.....	60	20	205	11
SANTA MONICA	1919	136	.....	.....	72	.....	64	.....	.....	.....
STOCKTON	1919	3,534	259	43	2,989	6	75	138	3	21
	1914	1,919	(2)	(2)	551	70	934	33	328	3
VALLEJO	1919	478	27	.....	445	.....	2	4	.....	.....
	1914	292	(2)	(2)	111	1	37	3	140	.....
VENICE	1919	48	.....	25	21	.....	.....	.....	.....	2

[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	11,942	243,692	1,586	6,484	14,210	2,266	24,772	880	28,403	341	24,495	252	40,065	81	28,509	30	20,508	22	62,670
Agricultural implements	34	1,578	2	19	35	7	84	3	124	.....	.....	2	335	.....	.....	1	1,000	.....	.....
Automobile bodies and parts	253	1,681	25	159	353	48	506	18	597	2	121	1	104	.....	.....	.....	.....	.....	.....
Automobile repairing	1,648	5,992	129	1,253	2,678	243	2,383	17	478	5	328	1	125	.....	.....	.....	.....	.....	.....
Boxes, wooden packing, except cigar boxes	46	1,657	1	11	29	10	107	10	367	11	753	3	401	.....	.....	.....	.....	.....	.....
Bread and other bakery products	1,095	5,394	177	715	1,546	162	1,565	26	826	10	688	5	769	.....	.....	.....	.....	.....	.....
Brick and tile, terra-cotta, and fire-clay products	60	1,747	1	13	29	22	296	16	549	6	486	2	387	.....	.....	.....	.....	.....	.....
Canning and preserving, fish	57	2,989	1	6	21	11	138	19	692	10	781	10	1,357	.....	.....	.....	.....	.....	.....
Canning and preserving, fruits and vegetables	303	19,575	5	58	151	74	917	57	1,881	50	3,727	43	6,702	13	3,899	2	1,263	1	1,035
Cars and general shop construction and repairs by electric-railroad companies	22	1,731	.....	5	13	5	55	4	133	4	298	3	579	.....	.....	1	653	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	60	16,213	.....	5	13	7	105	16	519	4	267	12	1,945	7	2,913	4	2,449	5	8,002
Chemicals	49	1,466	2	15	32	14	194	12	401	3	247	2	273	1	319	.....	.....	.....	.....
Clothing, men's	62	2,411	.....	29	80	19	252	6	188	3	269	2	463	2	684	1	535	.....	.....
Clothing, women's	165	3,124	4	83	168	64	777	32	999	10	703	1	104	1	373	.....	.....	.....	.....
Confectionery and ice cream	298	4,083	34	157	347	63	735	29	953	8	580	6	926	.....	.....	1	542	.....	.....
Copper, tin, and sheet-iron work	322	1,462	33	226	464	52	476	9	269	.....	.....	2	253	.....	.....	.....	.....	.....	.....
Electrical machinery, apparatus, and supplies	73	2,008	4	41	124	15	169	6	175	4	282	.....	.....	2	748	1	510	.....	.....
Engines, steam, gas, and water	22	2,231	.....	6	10	4	51	3	114	1	66	6	863	1	426	1	701	.....	.....
Flour-mill and gristmill products	134	1,779	13	88	127	19	202	7	226	2	139	3	539	2	546	.....	.....	.....	.....
Foundry and machine-shop products	595	9,827	40	286	710	152	1,729	80	2,560	23	1,629	11	1,628	2	765	1	815	.....	.....
Furniture	176	2,883	17	90	202	35	402	19	632	10	696	4	602	1	349	.....	.....	.....	.....

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.
Gas, illuminating and heating	57	2,444	.....	22	74	19	243	5	149	5	335	3	515	3	1,128	.....	.....	.....	.....
Ice, manufactured	117	1,535	5	57	129	35	351	14	511	5	345	1	199	.....	.....	.....	.....	.....	.....
Iron and steel, steel works and rolling mills	8	3,476	.....	.....	.....	.....	.....	1	40	.....	.....	1	196	3	1,214	3	2,026	.....	.....
Leather, tanned, curried, and finished	21	1,453	.....	.....	.....	5	65	6	224	6	401	3	454	1	309	.....	.....	.....	.....
Lumber and timber products	195	16,957	8	79	194	37	411	21	749	14	1,088	16	2,713	11	3,611	6	4,317	3	3,874
Lumber, planing-mill products, not including planing mills connected with sawmills	325	6,215	12	165	415	96	1,106	35	1,099	6	497	7	1,200	3	1,322	1	576	.....	.....
Petroleum, refining	45	5,132	1	11	36	14	157	9	266	4	319	1	109	3	1,194	1	657	1	2,394
Pickles, preserves, and sauces	84	1,719	12	37	98	16	219	7	236	8	483	4	683	.....	.....	.....	.....	.....	.....
Printing and publishing, book and job	661	3,818	165	338	747	115	1,247	32	997	9	623	2	204	.....	.....	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals	764	4,770	285	344	683	92	939	27	886	7	449	7	1,090	2	723	.....	.....	.....	.....
Shipbuilding, steel	18	46,052	.....	.....	.....	2	21	3	94	.....	.....	2	336	.....	.....	1	709	10	44,892
Shipbuilding, wooden, including boat building	49	1,478	3	15	38	21	227	4	120	2	139	3	572	1	382	.....	.....	.....	.....
Slaughtering and meat packing	91	3,405	5	40	81	27	318	10	289	2	155	3	534	2	654	2	1,374	.....	.....
Sugar, beet	10	1,512	.....	.....	.....	1	16	1	48	1	90	6	1,000	1	358	.....	.....	.....	.....
Tinware, not elsewhere specified	16	2,915	2	4	10	1	13	1	35	1	78	1	176	5	1,875	1	728	.....	.....
Tobacco, cigars and cigarettes	244	1,677	81	132	226	19	218	5	146	3	248	3	487	1	352	.....	.....	.....	.....
All other industries	3,763	49,303	519	2,005	4,347	740	8,078	310	9,891	102	7,254	70	11,242	13	4,365	2	1,653	2	2,473
Total for cities	7,824	165,311	1,040	3,977	9,374	1,705	18,733	658	21,123	229	16,251	142	23,098	41	14,430	16	10,683	16	51,619
ALAMEDA	52	6,787	13	25	53	6	50	3	129	1	99	3	423	.....	.....	.....	.....	1	6,033
BAKERSFIELD	73	1,178	3	43	95	22	233	2	59	1	75	1	232	1	484	.....	.....	.....	.....
BERKELEY	113	2,319	24	44	99	19	238	14	516	7	535	4	618	1	313	.....	.....	.....	.....
EUREKA	52	977	6	28	73	11	104	2	61	2	133	2	353	1	253	.....	.....	.....	.....
FRESNO	223	3,903	32	125	293	35	364	17	613	7	476	5	867	1	255	.....	.....	1	1,635
GLENDALE	41	216	6	30	53	4	31	.....	.....	.....	.....	1	132	.....	.....	.....	.....	.....	.....
LONG BEACH	128	3,769	12	79	190	23	259	9	312	2	137	2	391	.....	.....	.....	.....	1	2,480
LOS ANGELES	2,540	47,118	350	1,282	2,879	544	6,144	224	7,155	73	5,226	47	7,258	11	3,820	5	3,122	4	11,514
OAKLAND	593	23,347	110	276	633	122	1,360	44	1,459	15	977	13	2,316	6	2,420	2	1,168	5	13,014
PASADENA	191	1,044	25	118	248	38	375	7	194	3	227	.....	.....	.....	.....	.....	.....	.....	.....
POMONA	64	535	7	40	91	14	249	1	25	2	170	.....	.....	.....	.....	.....	.....	.....	.....
RICHMOND	40	4,305	3	17	36	6	59	4	127	2	150	5	768	2	771	.....	.....	1	2,394
RIVERSIDE	60	421	3	38	84	15	155	2	67	2	115	.....	.....	.....	.....	.....	.....	.....	.....
SACRAMENTO	304	6,341	50	168	364	60	660	15	432	3	209	1	132	4	1,372	2	1,259	1	1,913
SAN BERNARDINO	54	2,107	3	32	73	10	97	6	191	1	69	1	146	.....	.....	.....	.....	1	1,531
SAN DIEGO	266	3,427	34	142	347	60	613	20	694	4	288	5	776	.....	.....	1	709	.....	.....
SAN FRANCISCO	2,360	48,550	283	1,091	2,830	589	6,410	257	8,064	86	6,166	38	6,397	10	3,553	5	3,425	1	11,705
SAN JOSE	201	3,090	37	103	232	40	425	7	253	4	259	8	1,277	2	644	.....	.....	.....	.....
SANTA ANA	74	628	8	45	104	14	153	4	94	2	121	1	156	.....	.....	.....	.....	.....	.....
SANTA BARBARA	76	481	8	45	106	18	181	4	137	1	57	.....	.....	.....	.....	.....	.....	.....	.....
SANTA CRUZ	41	572	4	21	53	11	113	1	26	3	234	1	146	.....	.....	.....	.....	.....	.....
SANTA MONICA	29	136	6	19	40	2	21	2	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
STOCKTON	208	3,534	11	138	329	34	364	12	415	7	452	4	710	1	264	1	1,000	.....	.....
VALLEJO	32	478	2	21	53	7	68	.....	.....	1	76	.....	.....	1	281	.....	.....	.....	.....
VENICE	9	48	.....	7	16	1	7	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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	11,942	10,057	7,659	243,692	139,481	115,296	$1,981,204,701	$712,800,764	$529,760,528	$762,346,183	$265,326,233	$204,522,454
Less than $5,000	2,451	3,361	2,169	1,313	2,838	2,067	6,695,096	8,583,621	5,610,748	4,408,637	5,913,431	3,795,464
$5,000 to $20,000	4,331	3,622	2,785	9,880	12,178	10,279	46,262,857	36,957,351	29,208,047	27,334,729	22,332,083	17,546,524
$20,000 to $100,000	3,232	2,049	1,867	28,562	25,873	24,913	144,251,658	89,914,735	82,114,420	72,753,035	44,955,345	40,743,591
$100,000 to $500,000	1,326	786	767	48,480	60,183	53,128	296,916,876	166,630,790	210,723,384	129,753,310	100,288,816	86,922,761
$500,000 to $1,000,000	275	123		24,765			189,644,193	87,356,978		73,247,289		
$1,000,000 and over	327	116	71	130,692	38,409	21,909	1,297,434,021	323,357,289	202,103,929	454,849,183	91,836,558	55,514,114
	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	20.5	33.4	28.3	0.5	2.0	1.8	0.3	1.2	1.1	0.6	2.2	1.9
$5,000 to $20,000	36.3	36.0	36.4	4.1	8.7	8.9	2.3	5.2	5.5	3.6	8.4	8.6
$20,000 to $100,000	27.1	20.4	24.4	11.7	18.5	21.6	7.3	12.6	15.5	9.5	16.9	19.9
$100,000 to $500,000	11.1	7.8	10.0	19.9	43.2	46.1	15.0	23.4	39.8	17.0	37.8	42.5
$500,000 to $1,000,000	2.3	1.2		10.2			9.6	12.3		9.6		
$1,000,000 and over	2.7	1.2	0.9	53.6	27.5	21.6	65.5	45.4	38.2	59.7	34.6	27.1

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
AUTOMOBILES	12	9	100.0	100.0	1,327	292	100.0	100.0	$36,626,893	$1,253,183	100.0	100.0	$9,600,832	$435,651	100.0	100.0
$5,000 to $20,000	.....	3	.....	33.3	.....	9	.....	3.1	.....	30,190	.....	2.4	.....	18,581	.....	4.3
$20,000 to $100,000	3	3	25.0	33.3	24	50	1.8	17.1	137,520	217,457	0.4	17.4	54,480	97,860	0.6	22.5
$100,000 to $500,000	4	[1] 3	33.3	33.3	116	[1] 233	8.7	79.8	992,478	[1] 1,005,536	2.7	80.2	324,977	[1] 319,210	3.4	73.3
$500,000 and over	5	.....	41.7	.....	1,187	.....	89.4	.....	35,496,895	.....	96.9	.....	9,221,375	.....	96.0	.....
AUTOMOBILE REPAIRING	1,648	479	100.0	100.0	5,992	1,532	100.0	100.0	24,893,910	3,871,794	100.0	100.0	15,627,332	2,862,169	100.0	100.0
Less than $5,000	413	222	25.1	46.3	322	258	5.4	16.8	1,302,392	666,518	5.2	17.2	952,797	530,444	6.1	18.5
$5,000 to $20,000	904	218	54.9	45.5	2,301	771	38.4	50.3	9,151,612	1,883,518	36.8	48.6	6,250,656	1,439,743	40.0	50.3
$20,000 to $100,000	311	[2] 39	18.9	8.1	2,585	[2] 503	43.1	32.8	11,228,329	[2] 1,321,758	45.1	34.1	6,669,016	[2] 891,982	42.7	31.2
$100,000 to $500,000	20	.....	1.2	.....	784	.....	13.1	.....	3,211,577	.....	12.9	.....	1,754,863	.....	11.2	.....
BREAD AND OTHER BAKERY PRODUCTS	1,095	1,117	100.0	100.0	5,394	4,851	100.0	100.0	48,956,691	21,855,181	100.0	100.0	17,657,144	9,618,996	100.0	100.0
Less than $5,000	113	270	10.3	24.2	40	121	0.7	2.5	314,208	814,965	0.6	3.7	50,862	392,366	0.3	4.1
$5,000 to $20,000	487	622	44.5	55.7	611	1,383	11.3	28.5	5,757,654	6,380,836	11.8	29.2	2,135,909	2,932,365	12.1	30.5
$20,000 to $100,000	414	203	37.8	18.2	1,951	1,778	36.2	36.7	17,016,549	8,009,682	34.8	36.6	5,813,538	3,347,145	32.9	34.8
$100,000 to $500,000	67	18	6.1	1.6	1,560	[1] 1,569	28.9	32.3	13,513,076	4,234,798	27.6	19.4	4,365,510	[1] 2,947,120	24.7	30.6
$500,000 to $1,000,000	9	4	0.8	0.4	718	.....	13.3	.....	6,105,243	2,414,900	12.5	11.0	2,205,312	.....	12.5	.....
$1,000,000 and over	5	.....	0.5	.....	514	.....	9.5	.....	6,249,961	.....	12.8	.....	3,086,013	.....	17.5	.....
BUTTER	121	174	100.0	100.0	1,268	909	100.0	100.0	40,659,853	18,899,200	100.0	100.0	4,313,832	2,135,968	100.0	100.0
Less than $5,000	3	20	2.5	11.5	1	11	0.1	1.2	6,553	56,729	(3)	0.3	1,338	19,204	(3)	0.9
$5,000 to $20,000	8	29	6.6	16.7	6	31	0.5	3.4	101,337	341,399	0.2	1.8	18,875	66,354	0.4	3.1
$20,000 to $100,000	42	71	34.7	40.8	106	214	8.4	23.5	2,262,528	3,627,779	5.6	19.2	356,642	491,017	8.3	23.0
$100,000 to $500,000	44	47	36.4	27.0	394	[4] 653	31.1	71.8	11,133,560	10,096,009	27.4	53.4	1,380,455	[4] 1,559,393	32.0	73.0
$500,000 to $1,000,000	13	[5] 7	10.7	4.0	218	.....	17.2	.....	9,924,372	[5] 4,777,284	24.4	25.3	842,400	.....	19.5	.....
$1,000,000 and over	11	.....	9.1	.....	543	.....	42.8	.....	17,231,503	.....	42.4	.....	1,714,122	.....	39.7	.....
CANNING AND PRESERVING, FISH	57	23	100.0	100.0	2,989	747	100.0	100.0	17,482,795	2,745,779	100.0	100.0	7,069,277	1,391,302	100.0	100.0
Less than $20,000	5	3	8.8	13.0	30	13	1.0	1.7	61,284	43,674	0.4	1.6	24,802	15,583	0.4	1.1
$20,000 to $100,000	16	8	28.1	34.8	292	137	9.8	18.3	839,362	339,912	4.8	12.4	334,670	183,839	4.7	13.2
$100,000 to $500,000	23	12	40.4	52.2	1,352	597	45.2	79.9	5,946,200	2,362,193	34.0	86.0	2,191,542	1,191,880	31.0	85.7
$500,000 and over	13	.....	22.8	.....	1,315	.....	44.0	.....	10,635,949	.....	60.8	.....	4,518,263	.....	63.9	.....
CANNING AND PRESERVING, FRUITS AND VEGETABLES	303	205	100.0	100.0	19,575	11,029	100.0	100.0	189,955,631	54,425,007	100.0	100.0	61,315,792	12,521,444	100.0	100.0
Less than $5,000	17	15	5.6	7.3	12	47	0.1	0.4	40,289	37,345	(3)	0.1	15,862	15,876	(3)	0.1
$5,000 to $20,000	31	40	10.2	19.5	129	324	0.7	2.9	395,952	455,068	0.2	0.8	141,391	179,710	0.2	1.4
$20,000 to $100,000	81	42	26.7	20.5	1,095	1,062	5.6	9.6	4,151,400	2,297,421	2.2	4.2	1,466,765	657,754	2.4	5.3
$100,000 to $500,000	78	77	25.7	37.6	3,092	[1] 6,730	15.8	61.0	19,712,811	19,542,902	10.4	35.9	7,139,926	[1] 8,179,696	11.6	65.3
$500,000 to $1,000,000	42	20	13.9	9.8	3,565	.....	18.2	.....	29,749,902	14,516,076	15.7	26.7	12,013,381	.....	19.6	.....
$1,000,000 and over	54	11	17.8	5.4	11,682	2,866	59.7	26.0	135,905,277	17,576,195	71.5	32.3	40,538,467	3,488,408	66.1	27.9
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES	60	39	100.0	100.0	16,213	11,563	100.0	100.0	41,926,975	17,199,717	100.0	100.0	26,166,066	10,194,471	100.0	100.0
Less than $20,000	7	5	11.7	12.8	31	34	0.2	0.3	74,920	53,708	0.2	0.3	52,525	33,975	0.2	0.3
$20,000 to $100,000	19	12	31.7	30.8	531	335	3.3	2.9	1,121,644	495,717	2.7	2.9	841,179	325,079	3.2	3.2
$100,000 to $500,000	16	10	26.7	25.6	1,854	[1] 4,528	11.4	39.2	4,656,069	2,582,601	11.1	15.0	3,080,769	[1] 4,153,576	11.8	40.7
$500,000 to $1,000,000	4	6	6.7	15.4	1,254	.....	7.7	.....	2,896,504	4,127,223	6.9	24.0	1,910,180	.....	7.3	.....
$1,000,000 and over	14	6	23.3	15.4	12,543	6,666	77.4	57.6	33,177,838	9,940,468	79.1	57.8	20,281,413	5,681,841	77.5	55.7
CLOTHING, WOMEN'S	165	86	100.0	100.0	3,124	1,060	100.0	100.0	14,245,865	2,732,867	100.0	100.0	5,716,423	1,352,286	100.0	100.0
Less than $5,000	13	12	7.9	14.0	19	22	0.6	2.1	34,933	36,650	0.2	1.3	21,352	23,611	0.4	1.7
$5,000 to $20,000	38	30	23.0	34.9	180	192	5.8	18.1	440,437	307,822	3.1	11.3	255,199	176,866	4.5	13.1
$20,000 to $100,000	70	39	42.4	45.3	847	607	27.1	57.3	3,594,288	1,677,985	25.2	61.4	1,511,508	800,416	26.4	59.2
$100,000 and over	44	5	26.7	5.8	2,078	239	66.5	22.5	10,176,207	710,410	71.4	26.0	3,928,364	351,393	68.7	26.0
COFFEE AND SPICE, ROASTING AND GRINDING	70	43	100.0	100.0	796	464	100.0	100.0	26,310,641	9,584,459	100.0	100.0	6,429,858	2,125,041	100.0	100.0
Less than $5,000	6	3	8.6	7.0	3	1	0.4	0.2	16,951	11,609	0.1	0.1	5,987	3,999	0.1	0.2
$5,000 to $20,000	17	7	24.3	16.3	16	8	2.0	1.7	189,200	81,739	0.7	0.9	50,363	26,410	0.8	1.2
$20,000 to $100,000	24	16	34.3	37.2	57	56	7.2	12.1	1,063,339	870,620	4.0	9.1	321,906	266,214	5.0	12.5
$100,000 to $500,000	11	[1] 14	15.7	32.6	69	[1] 189	8.7	40.7	2,156,078	[1] 3,701,424	8.2	38.6	400,474	[1] 902,949	6.2	42.5
$500,000 to $1,000,000	5	.....	7.1	.....	108	.....	13.6	.....	3,252,338	.....	12.4	.....	669,210	.....	10.4	.....
$1,000,000 and over	7	3	10.0	7.0	543	210	68.2	45.3	19,632,735	4,919,067	74.6	51.3	4,981,918	925,469	77.5	43.6
CONFECTIONERY AND ICE CREAM [6]	302	183	100.0	100.0	4,214	2,104	100.0	100.0	25,036,404	7,645,440	100.0	100.0	10,639,736	3,291,018	100.0	100.0
Less than $5,000	49	52	16.2	28.4	23	33	0.5	1.6	131,280	132,865	0.5	1.7	68,349	75,715	0.6	2.3
$5,000 to $20,000	114	70	37.7	38.3	235	253	5.6	12.0	1,272,928	805,973	5.1	10.5	589,268	423,558	5.5	12.9
$20,000 to $100,000	81	38	26.8	20.8	701	446	16.6	21.2	3,652,303	1,543,266	14.6	20.2	1,650,572	753,250	15.5	22.9
$100,000 to $500,000	50	[5] 23	16.6	12.6	1,734	[5] 1,372	41.1	65.2	10,985,606	[5] 5,163,336	43.9	67.5	4,501,389	[5] 2,038,495	42.3	61.9
$500,000 to $1,000,000	5	.....	1.7	.....	659	.....	15.6	.....	3,661,360	.....	14.6	.....	1,731,238	.....	16.3	.....
$1,000,000 and over	3	.....	1.0	.....	862	.....	20.5	.....	5,332,927	.....	21.3	.....	2,098,920	.....	19.7	.....
FLOUR-MILL AND GRISTMILL PRODUCTS	134	132	100.0	100.0	1,779	1,067	100.0	100.0	65,448,352	24,078,735	100.0	100.0	8,565,646	4,574,961	100.0	100.0
Less than $5,000	6	4	4.5	3.0	2	2	0.1	0.2	12,000	9,395	(3)	(3)	2,808	1,327	(3)	(3)
$5,000 to $20,000	30	38	22.4	28.8	15	46	0.8	4.3	394,919	471,142	0.6	2.0	65,613	87,607	0.8	1.9
$20,000 to $100,000	55	55	41.0	41.7	82	159	4.6	14.9	2,378,304	2,616,824	3.6	10.9	398,160	418,319	4.6	9.1
$100,000 to $500,000	23	22	17.2	16.7	160	[4] 860	9.0	80.6	5,091,773	4,476,597	7.8	18.6	804,180	[4] 4,067,708	9.4	88.9
$500,000 to $1,000,000	8	[5] 13	6.0	9.8	135	.....	7.6	.....	5,861,050	[5] 16,504,777	9.0	68.5	610,005	.....	7.1	.....
$1,000,000 and over	12	.....	9.0	.....	1,385	.....	77.9	.....	51,710,246	.....	79.0	.....	6,684,880	.....	78.0	.....
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	172	181	100.0	100.0	1,049	938	100.0	100.0	16,633,014	8,010,713	100.0	100.0	4,380,098	1,952,860	100.0	100.0
Less than $5,000	20	50	11.6	27.6	11	39	1.0	4.2	53,512	110,333	0.3	1.4	25,792	62,314	0.6	3.2
$5,000 to $20,000	56	67	32.6	37.0	81	197	7.7	21.0	607,876	714,486	3.7	8.9	244,534	311,018	5.6	15.9
$20,000 to $100,000	54	41	31.4	22.7	275	288	26.2	30.7	2,667,133	2,075,208	16.0	25.9	807,799	531,925	18.4	27.2
$100,000 to $500,000	35	23	20.3	12.7	553	414	52.7	44.1	7,017,602	5,110,686	42.2	63.8	1,799,061	1,047,603	41.1	53.6
$500,000 and over	7	.....	4.1	.....	129	.....	12.3	.....	6,286,961	.....	37.8	.....	1,502,912	.....	34.3	.....

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

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution 1919	Per cent distribution 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
FOUNDRY AND MACHINE-SHOP PRODUCTS [1]	656	474	100.0	100.0	10,118	5,273	100.0	100.0	$52,802,871	$17,478,190	100.0	100.0	$29,650,270	$9,614,343	100.0	100.0
Less than $5,000	100	131	15.2	27.6	55	111	0.5	2.1	287,681	331,191	0.5	1.9	203,817	244,664	0.7	2.5
$5,000 to $20,000	239	184	36.4	38.8	618	713	6.1	13.5	2,605,936	1,918,951	4.9	11.0	1,722,945	1,303,332	5.8	13.6
$20,000 to $100,000	200	121	30.5	25.5	2,183	1,734	21.6	32.9	9,533,959	5,061,843	18.1	29.0	5,747,066	2,919,906	19.4	30.4
$100,000 to $500,000	102	33	15.5	7.0	4,275	[2] 2,715	42.3	51.5	22,173,517	5,945,279	42.0	34.0	12,301,529	[2] 5,146,451	41.5	53.5
$500,000 to $1,000,000	10	5	1.5	1.1	1,060	.....	10.5	.....	6,765,904	4,220,923	12.8	24.1	3,047,485	.....	10.3	.....
$1,000,000 and over	5	.....	0.8	.....	1,927	.....	19.0	.....	11,435,874	.....	21.7	.....	6,627,428	.....	22.4	.....
FURNITURE	176	153	100.0	100.0	2,883	1,601	100.0	100.0	13,639,927	4,482,508	100.0	100.0	7,326,561	2,625,065	100.0	100.0
Less than $5,000	38	45	21.6	29.4	18	36	0.6	2.2	90,590	114,783	0.7	2.6	59,807	80,393	0.8	3.1
$5,000 to $20,000	59	59	33.5	38.6	145	244	5.0	15.2	599,369	594,084	4.4	13.3	382,494	387,547	5.2	14.8
$20,000 to $100,000	48	41	27.3	26.8	588	638	20.4	39.9	2,313,944	1,589,424	17.0	35.5	1,283,453	907,499	17.5	34.6
$100,000 to $500,000	27	[3] 8	15.3	5.2	1,309	[3] 683	45.4	42.7	6,345,189	[3] 2,184,217	46.5	48.7	3,187,576	[3] 1,249,626	43.5	47.6
$500,000 and over	4	.....	2.3	.....	823	.....	28.5	.....	4,290,835	.....	31.5	.....	2,413,231	.....	32.9	.....
GAS, ILLUMINATING AND HEATING	57	66	100.0	100.0	2,444	2,317	100.0	100.0	20,440,682	13,578,367	100.0	100.0	12,440,619	10,156,296	100.0	100.0
Less than $5,000	3	3	5.3	4.5	6	4	0.2	0.2	11,647	10,173	0.1	0.1	5,562	6,045	(4)	0.1
$5,000 to $20,000	10	14	17.5	21.2	31	35	1.3	1.5	159,455	145,740	0.8	1.1	77,631	95,816	0.6	0.9
$20,000 to $100,000	26	36	45.6	54.5	260	333	10.6	14.4	1,158,168	1,663,514	5.7	12.3	634,432	1,199,359	5.1	11.8
$100,000 to $500,000	13	8	22.8	12.1	694	[5] 1,945	28.4	83.9	3,096,368	1,565,553	15.1	11.5	1,908,841	[5] 8,855,076	15.3	87.2
$500,000 to $1,000,000	.....	[3] 5	.....	7.6	.....	.....	.....	.....	.....	[3] 10,193,387	.....	75.1	.....	.....	.....	.....
$1,000,000 and over	5	.....	8.8	.....	1,453	.....	59.5	.....	16,015,044	.....	78.3	.....	9,814,153	.....	78.9	.....
LEATHER, TANNED, CURRIED, AND FINISHED	21	29	100.0	100.0	1,453	1,361	100.0	100.0	21,416,302	10,020,739	100.0	100.0	4,944,607	2,162,440	100.0	100.0
Less than $100,000	.....	8	.....	27.6	.....	61	.....	4.5	.....	379,748	.....	3.8	.....	155,977	.....	7.2
$100,000 to $500,000	[6] 7	14	33.3	48.3	[6] 122	[5] 1,300	8.4	95.5	[6] 1,687,126	3,655,346	7.9	36.5	[6] 493,890	[5] 2,006,463	10.0	92.8
$500,000 to $1,000,000	7	[3] 7	33.3	24.1	360	.....	24.8	.....	5,206,380	[3] 5,985,645	24.3	59.7	1,090,263	.....	22.0	.....
$1,000,000 and over	7	.....	33.3	.....	971	.....	66.8	.....	14,522,796	.....	67.8	.....	3,360,454	.....	68.0	.....
LUMBER AND TIMBER PRODUCTS	195	209	100.0	100.0	16,957	15,087	100.0	100.0	47,310,762	22,973,245	100.0	100.0	36,771,672	16,161,594	100.0	100.0
Less than $5,000	42	87	21.5	41.6	40	178	0.2	1.2	98,253	213,585	0.2	0.9	82,581	173,995	0.2	1.1
$5,000 to $20,000	56	51	28.7	24.4	237	322	1.4	2.1	590,882	525,865	1.2	2.3	488,818	417,205	1.3	2.6
$20,000 to $100,000	36	27	18.5	12.9	716	920	4.2	6.1	1,687,161	1,408,491	3.6	6.1	1,345,648	1,082,264	3.7	6.7
$100,000 to $500,000	37	31	19.0	14.8	3,571	[2] 9,026	21.1	59.8	9,072,099	8,252,240	19.2	35.9	6,904,853	[2] 9,180,618	18.9	56.8
$500,000 to $1,000,000	14	8	7.2	3.8	3,885	.....	22.9	.....	9,990,705	5,005,808	21.1	21.8	7,716,837	.....	21.0	.....
$1,000,000 and over	10	5	5.1	2.4	8,508	4,641	50.2	30.8	25,871,662	7,567,256	54.7	32.9	20,172,935	5,307,542	54.9	32.8
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	325	375	100.0	100.0	6,215	6,109	100.0	100.0	42,832,201	26,100,666	100.0	100.0	14,616,012	9,469,017	100.0	100.0
Less than $5,000	35	72	10.8	19.2	26	67	0.4	1.1	97,530	183,401	0.2	0.7	56,014	101,824	0.4	1.1
$5,000 to $20,000	91	134	28.0	35.7	216	428	3.5	7.0	970,775	1,418,549	2.3	5.4	535,990	698,873	3.7	7.4
$20,000 to $100,000	123	115	37.8	30.7	1,028	1,543	16.5	25.3	5,623,811	5,327,890	13.1	20.4	2,530,776	2,420,517	17.3	25.6
$100,000 to $500,000	61	43	18.8	11.5	1,601	[2] 2,775	25.8	45.4	11,736,710	8,170,492	27.4	31.3	4,327,846	[2] 4,597,090	29.6	48.5
$500,000 to $1,000,000	5	6	1.5	1.6	686	.....	11.0	.....	3,454,909	4,450,236	8.1	17.1	1,615,857	.....	11.1	.....
$1,000,000 and over	10	5	3.1	1.3	2,658	1,296	42.8	21.2	20,948,466	6,550,098	48.9	25.1	5,549,529	1,650,773	38.0	17.4
PETROLEUM, REFINING	45	38	100.0	100.0	5,132	1,930	100.0	100.0	213,292,194	55,527,651	100.0	100.0	71,415,549	17,357,834	100.0	100.0
Less than $5,000	.....	4	.....	10.5	.....	6	.....	0.3	.....	44,242	.....	0.1	.....	13,002	.....	0.1
$5,000 to $20,000	[7] 8	15	17.8	39.5	[7] 34	130	0.7	6.7	[7] 423,655	910,439	0.2	1.6	[7] 131,415	278,192	0.2	1.6
$20,000 to $100,000	9	[2] 14	20.0	36.8	94	[2] 225	1.8	11.7	2,344,734	[2] 4,053,854	1.1	7.3	378,484	[2] 928,804	0.5	5.4
$100,000 to $500,000	7	.....	15.6	.....	127	.....	2.5	.....	5,107,359	.....	2.4	.....	1,214,087	.....	1.7	.....
$500,000 to $1,000,000	21	5	46.7	13.2	4,877	1,569	95.0	81.3	205,416,446	50,519,116	96.3	91.0	69,691,563	16,137,836	97.6	93.0
$1,000,000 and over																
PRINTING AND PUBLISHING, BOOK AND JOB	661	631	100.0	100.0	3,818	3,172	100.0	100.0	19,871,377	9,885,477	100.0	100.0	12,093,047	7,032,190	100.0	100.0
Less than $5,000	202	280	30.6	44.4	53	153	1.4	4.8	545,154	687,049	2.7	6.9	361,875	498,952	3.0	7.1
$5,000 to $20,000	253	239	38.3	37.9	604	810	15.8	25.5	2,612,722	2,436,473	13.1	24.6	1,658,379	1,777,032	13.7	25.3
$20,000 to $100,000	167	97	25.3	15.4	1,616	1,407	42.3	44.4	7,494,055	4,024,481	37.7	40.7	4,845,312	2,802,228	40.1	39.8
$100,000 and over	39	15	5.9	2.4	1,545	802	40.5	25.3	9,219,446	2,737,474	46.4	27.7	5,227,478	1,953,978	43.2	27.8
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	764	822	100.0	100.0	4,770	4,334	100.0	100.0	34,342,963	21,557,591	100.0	100.0	24,665,946	15,904,777	100.0	100.0
Less than $5,000	294	416	38.5	50.6	131	330	2.7	7.6	793,270	1,075,967	2.3	5.0	640,553	931,165	2.6	5.9
$5,000 to $20,000	305	284	39.9	34.6	611	826	12.8	19.1	3,007,388	2,822,707	8.8	13.1	2,406,294	2,419,233	9.8	15.2
$20,000 to $100,000	124	97	16.2	11.8	1,165	1,129	24.4	26.0	5,114,578	4,030,890	14.9	18.7	3,993,111	3,232,180	16.2	20.3
$100,000 to $500,000	[2] 32	16	4.2	1.9	[2] 1,096	[2] 1,309	23.0	30.2	[2] 7,624,728	3,213,037	22.2	14.9	[2] 5,836,615	[2] 4,809,558	23.7	30.2
$500,000 to $1,000,000	.....	5	.....	0.6	.....	.....	.....	.....	.....	3,727,235	.....	17.3	.....	.....	.....	.....
$1,000,000 and over	9	4	1.2	0.5	1,767	740	37.0	17.1	17,802,999	6,687,755	51.8	31.0	11,789,373	4,512,641	47.8	28.4
SHIPBUILDING, INCLUDING BOAT BUILDING	67	52	100.0	100.0	47,530	3,457	100.0	100.0	185,882,234	8,104,033	100.0	100.0	109,253,535	4,617,449	100.0	100.0
Less than $5,000	4	14	6.0	26.9	1	20	(4)	0.6	9,580	42,515	(4)	0.5	7,969	32,083	(4)	0.7
$5,000 to $20,000	17	13	25.4	25.0	59	58	0.1	1.7	199,646	149,843	0.1	1.8	126,408	91,594	0.1	2.0
$20,000 to $100,000	22	18	32.8	34.6	276	278	0.6	8.0	1,030,620	815,733	0.6	10.1	636,608	487,149	0.6	10.5
$100,000 to $500,000	8	[5] 7	11.9	13.5	411	[5] 3,101	0.9	89.7	1,929,917	[5] 7,095,942	1.0	87.6	1,358,528	[5] 4,006,623	1.2	86.8
$500,000 to $1,000,000	3	.....	4.5	.....	574	.....	1.2	.....	1,957,390	.....	1.1	.....	1,487,235	.....	1.4	.....
$1,000,000 and over	13	.....	19.4	.....	46,209	.....	97.2	.....	180,755,081	.....	97.2	.....	105,636,787	.....	96.7	.....
SLAUGHTERING AND MEAT PACKING	91	81	100.0	100.0	3,405	2,172	100.0	100.0	92,554,164	49,499,958	100.0	100.0	15,137,843	8,569,376	100.0	100.0
$5,000 to $20,000	9	6	9.9	7.4	4	14	0.1	0.6	88,545	76,030	0.1	0.2	7,472	29,110	(4)	0.3
$20,000 to $100,000	25	25	27.5	30.9	43	71	1.3	3.3	1,394,869	1,181,241	1.5	2.4	192,014	191,415	1.3	2.2
$100,000 to $500,000	28	32	30.8	39.5	215	[2] 366	6.3	16.9	7,416,972	7,175,148	8.0	[4] 4.5	1,133,213	[2] 1,397,805	7.5	16.3
$500,000 to $1,000,000	10	5	11.0	6.2	154	.....	4.5	.....	6,339,017	3,828,200	6.8	7.7	1,010,050	.....	6.7	.....
$1,000,000 and over	19	13	20.9	16.0	2,989	1,721	87.8	79.2	77,314,761	37,239,339	83.5	75.2	12,795,094	6,951,046	84.5	81.1

[1] Includes "iron and steel, tempering and welding"; "machine tools"; and "steel barrels, drums, and tanks."
[2] Includes the group "$500,000 to $1,000,000."
[3] Includes the group "$1,000,000 and over."
[4] Less than one-tenth of 1 per cent.
[5] Includes the groups "$500,000 to $1,000,000" and "$1,000,000 and over."
[6] Includes the group "$20,000 to $100,000."
[7] Includes the groups "Less than $5,000" and "$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.
ALAMEDA	52	6,787	100.0	$25,440,598	100.0	$14,768,606	100.0
Less than $5,000	17	9	0.1	42,348	0.2	29,630	0.2
$5,000 to $20,000	18	35	0.5	193,789	0.8	83,246	0.6
$20,000 to $100,000	9	91	1.3	315,261	1.2	204,912	1.4
$100,000 and over	8	6,652	98.0	24,889,200	97.8	14,450,818	97.8
BAKERSFIELD	73	1,178	100.0	5,699,051	100.0	2,529,219	100.0
Less than $5,000	9	5	0.4	23,122	0.4	15,247	0.6
$5,000 to $20,000	33	83	7.0	379,707	6.7	228,823	9.0
$20,000 to $100,000	19	149	12.6	783,535	13.7	471,367	18.6
$100,000 and over	12	941	79.9	4,512,687	79.2	1,813,777	71.7
BERKELEY	113	2,319	100.0	28,331,212	100.0	8,839,519	100.0
Less than $5,000	18	5	0.2	44,014	0.2	28,888	0.3
$5,000 to $20,000	35	57	2.5	382,814	1.4	221,123	2.5
$20,000 to $100,000	31	246	10.6	1,305,877	4.6	661,347	7.5
$100,000 to $500,000	19	778	33.5	4,545,843	16.0	2,134,810	24.1
$500,000 to $1,000,000	4	310	13.4	3,030,619	10.7	1,260,990	14.3
$1,000,000 and over	6	923	39.8	19,022,045	67.1	4,529,361	51.2
EUREKA	52	977	100.0	3,960,268	100.0	2,169,197	100.0
Less than $5,000	15	8	0.8	41,060	1.0	24,716	1.1
$5,000 to $20,000	16	56	5.7	203,448	5.1	135,013	6.2
$20,000 to $100,000	12	91	9.3	504,323	12.7	217,891	10.0
$100,000 to $500,000	6	334	34.2	1,219,460	30.8	673,768	31.1
$500,000 to $1,000,000	3	488	49.9	1,991,977	50.3	1,117,809	51.5
FRESNO	223	3,903	100.0	48,943,823	100.0	11,825,605	100.0
Less than $5,000	49	20	0.5	117,594	0.2	80,053	0.7
$5,000 to $20,000	82	180	4.6	840,200	1.7	533,702	4.5
$20,000 to $100,000	58	479	12.3	2,441,189	5.0	1,283,766	10.9
$100,000 to $500,000	17	858	22.0	4,520,082	9.2	2,118,372	17.9
$500,000 to $1,000,000	8	424	10.9	4,915,417	10.0	1,875,681	15.9
$1,000,000 and over	9	1,942	49.8	36,109,341	73.8	5,934,031	50.2
GLENDALE	41	216	100.0	1,173,720	100.0	523,826	100.0
Less than $5,000	17	13	6.0	44,934	3.8	30,457	5.8
$5,000 to $20,000	12	14	6.5	98,379	8.4	58,809	11.2
$20,000 and over	12	189	87.5	1,030,407	87.8	434,560	83.0
LONG BEACH	128	3,769	100.0	14,382,769	100.0	8,308,440	100.0
Less than $5,000	24	19	0.5	72,051	0.5	41,161	0.5
$5,000 to $20,000	53	121	3.2	573,280	4.0	330,537	4.0
$20,000 to $100,000	38	379	10.1	1,571,837	10.9	752,089	9.1
$100,000 to $500,000	10	379	10.1	2,072,647	14.4	841,819	10.1
$500,000 and over	3	2,871	76.2	10,092,954	70.2	6,342,834	76.3
LOS ANGELES	2,540	47,118	100.0	278,184,143	100.0	118,364,712	100.0
Less than $5,000	480	234	0.5	1,322,163	0.5	870,560	0.7
$5,000 to $20,000	960	2,255	4.8	10,140,019	3.6	6,002,609	5.1
$20,000 to $100,000	698	6,958	14.8	32,007,030	11.5	16,962,761	14.3
$100,000 to $500,000	316	12,579	26.7	79,132,187	28.4	31,423,482	26.5
$500,000 to $1,000,000	44	4,391	9.3	30,704,671	11.0	11,369,705	9.6
$1,000,000 and over	42	20,701	43.9	124,878,073	44.9	51,735,595	43.7
OAKLAND	593	23,347	100.0	134,755,470	100.0	70,778,506	100.0
Less than $5,000	125	69	0.3	321,838	0.2	146,397	0.2
$5,000 to $20,000	205	421	1.8	2,174,231	1.6	1,315,016	1.9
$20,000 to $100,000	155	1,332	5.7	6,883,525	5.1	3,583,251	5.1
$100,000 to $500,000	75	2,622	11.2	16,398,541	12.2	6,996,415	9.9
$500,000 to $1,000,000	14	1,451	6.2	9,889,357	7.3	4,049,593	5.7
$1,000,000 and over	19	17,452	74.8	99,087,978	73.5	54,687,834	77.3
PASADENA	191	1,044	100.0	5,767,527	100.0	2,651,485	100.0
Less than $5,000	39	18	1.7	120,404	2.1	75,777	2.9
$5,000 to $20,000	92	210	20.1	924,782	16.0	544,262	20.5
$20,000 to $100,000	48	411	39.4	1,821,795	31.6	951,762	35.9
$100,000 and over	12	405	38.8	2,900,546	50.3	1,079,684	40.7
POMONA	64	535	100.0	3,754,153	100.0	1,768,225	100.0
Less than $5,000	12	6	1.1	44,374	1.2	26,590	1.5
$5,000 to $20,000	24	49	9.2	248,682	6.6	159,629	9.0
$20,000 to $100,000	24	183	34.2	998,266	26.6	519,203	29.4
$100,000 and over	4	297	55.5	2,462,831	65.6	1,062,803	60.1
RICHMOND	40	4,305	100.0	75,315,608	100.0	27,576,486	100.0
Less than $5,000	6	5	0.1	21,463	(1)	16,182	0.1
$5,000 to $20,000	11	41	1.0	118,151	0.2	61,355	0.2
$20,000 to $100,000	11	128	3.0	628,726	0.8	307,058	1.1
$100,000 to $500,000	4	199	4.6	780,940	1.0	468,773	1.7
$500,000 and over	8	3,932	91.3	73,766,328	97.9	26,723,118	96.9
RIVERSIDE	60	421	100.0	$2,354,476	100.0	$1,062,314	100.0
Less than $5,000	14	11	2.6	40,694	1.7	32,996	3.1
$5,000 to $20,000	23	73	17.3	260,315	11.1	163,811	15.4
$20,000 to $100,000	16	103	24.5	646,355	27.5	307,445	28.9
$100,000 to $500,000	7	234	55.6	1,407,112	59.8	558,062	52.5
SACRAMENTO	304	6,341	100.0	34,198,980	100.0	16,388,021	100.0
Less than $5,000	74	34	0.5	192,986	0.6	139,503	0.9
$5,000 to $20,000	108	213	3.4	1,093,330	3.2	618,797	3.8
$20,000 to $100,000	91	773	12.2	3,912,983	11.4	2,127,969	13.0
$100,000 to $500,000	18	410	6.5	3,716,956	10.9	1,474,078	9.0
$500,000 to $1,000,000	5	643	10.1	4,250,001	12.4	2,044,539	12.5
$1,000,000 and over	8	4,268	67.3	21,032,724	61.5	9,983,130	60.9
SAN BERNARDINO	54	2,107	100.0	7,473,789	100.0	3,435,575	100.0
Less than $5,000	16	14	0.7	49,018	0.7	35,220	1.0
$5,000 to $20,000	16	49	2.3	173,461	2.3	103,938	3.0
$20,000 to $100,000	17	253	12.0	909,561	12.2	440,354	12.8
$100,000 and over	5	1,791	85.0	6,341,749	84.9	2,856,063	83.1
SAN DIEGO	266	3,427	100.0	20,225,723	100.0	9,212,302	100.0
Less than $5,000	62	36	1.1	173,288	0.9	122,393	1.3
$5,000 to $20,000	94	253	7.4	987,187	4.9	606,283	6.6
$20,000 to $100,000	80	871	25.4	3,751,136	18.5	1,795,441	19.5
$100,000 to $500,000	23	990	28.9	4,711,212	23.3	2,135,602	23.2
$500,000 to $1,000,000	3	100	2.9	2,046,586	10.1	676,452	7.3
$1,000,000 and over	4	1,177	34.3	8,556,314	42.3	3,876,071	42.1
SAN FRANCISCO	2,360	48,550	100.0	417,321,277	100.0	155,903,034	100.0
Less than $5,000	338	160	0.3	902,407	0.2	633,513	0.4
$5,000 to $20,000	722	1,771	3.6	8,175,259	2.0	5,125,413	3.3
$20,000 to $100,000	791	6,878	14.2	36,654,769	8.8	19,201,480	12.3
$100,000 to $500,000	387	12,279	25.3	82,810,176	19.8	38,054,316	24.4
$500,000 to $1,000,000	54	3,438	7.1	35,005,512	8.4	11,963,069	7.7
$1,000,000 and over	68	24,024	49.5	253,773,154	60.8	80,925,243	51.9
SAN JOSE	201	3,090	100.0	25,135,500	100.0	10,590,198	100.0
Less than $5,000	47	14	0.5	123,762	0.5	80,774	0.8
$5,000 to $20,000	60	124	4.0	655,024	2.6	379,719	3.6
$20,000 to $100,000	64	462	15.0	2,858,751	11.4	1,311,736	12.4
$100,000 to $500,000	18	562	18.2	4,217,341	16.8	1,710,336	16.1
$500,000 to $1,000,000	5	421	13.6	4,018,611	16.0	1,413,048	13.3
$1,000,000 and over	7	1,507	48.8	13,262,011	52.8	5,694,585	53.8
SANTA ANA	74	628	100.0	3,627,249	100.0	1,495,622	100.0
Less than $5,000	12	5	0.8	47,050	1.3	26,180	1.8
$5,000 to $20,000	26	61	9.7	322,851	8.9	178,234	11.9
$20,000 to $100,000	28	197	31.4	1,179,311	32.5	512,984	34.3
$100,000 and over	8	365	58.1	2,078,037	57.3	778,224	52.0
SANTA BARBARA	76	481	100.0	1,943,533	100.0	1,050,313	100.0
Less than $5,000	15	10	2.1	48,315	2.5	28,482	2.7
$5,000 to $20,000	29	71	14.8	293,872	15.1	161,432	15.4
$20,000 to $100,000	29	300	62.4	1,194,770	61.5	656,749	62.5
$100,000 to $500,000	3	100	20.8	406,576	20.9	203,650	19.4
SANTA CRUZ	41	572	100.0	3,944,114	100.0	2,431,353	100.0
Less than $5,000	6	2	0.3	14,537	0.4	11,042	0.5
$5,000 to $20,000	16	45	7.9	159,641	4.0	86,160	3.5
$20,000 to $100,000	14	144	25.2	611,833	15.5	272,572	11.2
$100,000 and over	5	381	66.6	3,158,103	80.1	2,061,579	84.8
SANTA MONICA	29	136	100.0	519,241	100.0	287,568	100.0
Less than $5,000	7	4	2.9	22,258	4.3	11,703	4.1
$5,000 to $20,000	16	29	21.3	151,865	29.2	86,097	29.9
$20,000 and over	6	103	75.7	345,118	66.5	189,768	66.0
STOCKTON	208	3,534	100.0	30,675,898	100.0	11,264,861	100.0
Less than $5,000	22	24	0.7	74,771	0.2	58,137	0.5
$5,000 to $20,000	98	210	5.9	1,080,248	3.5	682,008	6.1
$20,000 to $100,000	60	534	15.1	2,774,766	9.1	1,279,393	11.4
$100,000 to $500,000 [2]	22	851	24.1	6,363,410	20.7	2,825,309	25.1
$1,000,000 and over	6	1,915	54.2	20,382,703	66.4	6,420,014	57.0
VALLEJO	32	478	100.0	18,056,382	100.0	2,692,037	100.0
Less than $5,000	5	7	1.5	20,057	0.1	13,846	0.5
$5,000 to $20,000	14	33	6.9	164,077	0.9	97,253	3.6
$20,000 to $100,000	9	55	11.5	442,895	2.5	171,185	6.4
$100,000 and over	4	383	80.1	17,429,353	96.5	2,409,753	89.5
VENICE [3]	9	48	100.0	193,413	100.0	97,491	100.0

[1] Less than one-tenth of 1 per cent.
[2] Includes the group "$500,000 to $1,000,000."
[3] Figures for Venice can not be shown by groups without disclosing the operations of individual establishments.

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	6,042	3,132	2,768	243,692	22,493	199,538	21,661	9.2	81.9	8.9	$1,981,204,701	$137,677,421	$1,646,355,622	$197,171,658	6.9	83.1	10.0
	1914	5,089	2,866	2,102	139,481	15,121	112,830	11,530	10.8	80.9	8.3	712,800,764	59,557,270	592,098,066	61,145,428	8.4	83.1	8.6
	1909	3,516	2,459	1,684	115,296	12,764	92,757	9,775	11.1	80.4	8.5	529,760,528	49,969,595	439,064,967	40,725,966	9.4	82.9	7.7
Automobiles	1919	2	9	1	1,327	[1] 57	1,270	.....	4.3	95.7	.....	36,626,893	[1] 444,154	36,182,739	.....	1.2	98.8	.....
	1914	1	7	1	292	.....	[2] 292	.....	.....	100.0	.....	1,253,183	.....	[2] 1,253,183	.....	.....	100.0	.....
Automobile repairing	1919	980	112	556	5,992	3,099	979	1,914	51.7	16.3	31.9	24,893,910	12,297,689	3,795,541	8,800,680	49.4	15.2	35.4
	1914	280	42	157	1,532	814	296	422	53.1	19.3	27.5	3,871,794	1,988,080	648,088	1,235,626	51.3	16.7	31.9
Bread and other bakery products.	1919	775	87	233	5,394	1,915	2,469	1,010	35.5	45.8	18.7	48,956,691	17,852,235	21,506,554	9,597,902	36.5	43.9	19.6
	1914	821	74	222	4,851	1,886	2,037	928	38.9	42.0	19.1	21,855,181	8,904,905	8,633,987	4,316,289	40.7	39.5	19.7
Butter	1919	33	50	38	1,268	86	744	438	6.8	58.7	34.5	40,659,853	1,942,341	24,136,763	14,580,749	4.8	59.4	35.9
	1914	50	66	58	999	125	578	206	13.8	63.6	22.7	18,899,200	2,110,585	11,544,035	5,244,580	11.2	61.1	27.8
Canning and preserving, fish.	1919	5	48	4	2,989	426	2,456	107	14.3	82.2	3.6	17,482,795	1,259,350	15,990,324	233,121	7.2	91.5	1.3
	1914	1	21	1	747	.....	[2] 747	.....	.....	100.0	.....	2,745,779	.....	[2] 2,745,779	.....	.....	100.0	.....
Canning and preserving, fruits and vegetables.	1919	77	150	76	19,575	1,317	13,846	4,412	6.7	70.7	22.5	189,955,631	10,585,390	135,469,312	43,900,929	5.6	71.3	23.1
	1914	41	123	41	11,029	601	9,659	769	5.4	87.6	7.0	54,425,007	2,255,325	48,077,411	4,092,271	4.1	88.3	7.5
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	60	.....	16,213	.....	16,213	.....	.....	100.0	.....	41,926,975	.....	41,926,975	.....	.....	100.0	.....
	1914	.....	39	.....	11,563	.....	11,563	.....	.....	100.0	.....	17,199,717	.....	17,199,717	.....	.....	100.0	.....
Clothing, women's	1919	69	25	71	3,124	912	797	1,415	29.2	25.5	45.3	14,245,865	4,472,659	3,316,686	6,456,520	31.4	23.3	45.3
	1914	34	19	33	1,060	298	362	400	28.1	34.2	37.7	2,732,867	921,073	899,680	912,114	33.7	32.9	33.4
Coffee and spice, roasting and grinding.	1919	21	31	18	796	62	481	253	7.8	60.4	31.8	26,310,641	1,813,927	18,357,578	6,139,136	6.9	69.8	23.3
	1914	13	23	7	464	57	293	114	12.3	63.1	24.6	9,584,459	950,970	6,490,171	2,143,318	9.9	67.7	22.4
Confectionery and ice cream.[3]	1919	178	60	64	4,214	1,103	2,165	946	26.2	51.4	22.4	25,036,404	5,939,970	13,592,064	5,504,370	23.7	54.3	22.0
	1914	102	36	45	2,104	449	878	777	21.3	41.7	36.9	7,645,440	1,463,439	3,639,084	2,542,917	19.1	47.6	33.3
Flour-mill and gristmill products.	1919	25	90	19	1,779	28	1,705	46	1.6	95.8	2.6	65,448,352	1,061,692	62,902,291	1,484,369	1.6	96.1	2.3
	1914	31	79	22	1,067	59	989	28	4.7	92.7	2.8	24,078,735	1,302,460	22,004,744	771,531	5.4	91.4	3.2
Food preparations, not elsewhere specified.	1919	66	49	57	1,049	196	521	332	18.7	49.7	31.6	16,633,614	2,133,010	11,383,002	3,117,002	12.8	68.4	18.7
	1914	71	55	55	938	278	456	204	29.6	48.6	21.7	8,010,713	1,171,219	5,642,364	1,197,130	14.6	70.4	14.9
Foundry and machine-shop products.[4]	1919	311	206	139	10,118	1,554	7,636	928	15.4	75.5	9.2	52,802,871	7,078,720	40,671,355	5,052,796	13.4	77.0	9.6
	1914	206	154	114	5,273	767	3,969	537	14.5	75.3	10.2	17,478,190	2,145,154	13,510,235	1,822,801	12.3	77.3	10.4
Furniture	1919	96	31	49	2,883	720	1,703	460	25.0	59.1	16.0	13,639,927	3,137,996	8,228,554	2,273,377	23.0	60.3	16.7
	1914	89	29	35	1,601	377	988	236	23.5	61.7	14.7	4,482,508	987,377	2,915,169	579,962	22.0	65.0	12.9
Iron and steel, steel works and rolling mills.	1919	.....	8	.....	3,476	.....	3,476	.....	.....	100.0	.....	18,191,989	.....	18,191,989	.....	.....	100.0	.....
	1914	.....	7	.....	1,244	.....	1,244	.....	.....	100.0	.....	4,213,736	.....	4,213,736	.....	.....	100.0	.....
Leather, tanned, curried, and finished.	1919	.....	16	5	1,453	.....	1,289	164	.....	88.7	11.3	21,416,302	.....	18,783,500	2,632,802	.....	87.7	12.3
	1914	2	21	6	1,361	.....	1,192	[5] 169	.....	87.6	12.4	10,020,739	.....	8,610,506	[5] 1,410,233	.....	85.9	14.1
Lumber and timber products.	1919	79	78	38	16,957	462	16,048	447	2.7	94.6	2.6	47,310,762	1,268,985	44,857,671	1,184,106	2.7	94.8	2.5
	1914	91	76	42	15,087	473	14,353	261	3.1	95.1	1.7	22,973,245	651,202	21,966,046	355,997	2.8	95.6	1.5
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	124	135	66	6,215	589	5,186	440	9.5	83.4	7.1	42,832,201	3,434,902	36,077,574	3,319,725	8.0	84.2	7.8
	1914	121	178	76	6,109	611	5,120	378	10.0	83.8	6.2	26,100,666	2,260,830	22,505,041	1,334,795	8.7	86.2	5.1
Petroleum, refining	1919	1	44	.....	5,132	.....	[5] 5,132	.....	.....	100.0	.....	213,292,194	.....	[5] 213,292,194	.....	.....	100.0	.....
	1914	2	32	4	1,930	.....	1,907	[5] 23	.....	98.8	1.2	55,527,651	.....	54,917,623	[5] 610,028	.....	98.9	1.1
Printing and publishing, book and job.	1919	379	127	155	3,818	806	2,311	641	22.7	60.5	16.8	19,871,377	4,393,363	12,041,602	3,436,412	22.1	60.6	17.3
	1914	385	116	130	3,172	704	1,929	539	22.2	60.8	17.0	9,885,477	2,280,137	5,923,914	1,681,426	23.1	59.9	17.0
Printing and publishing, newspapers and periodicals.	1919	434	172	158	4,770	839	3,351	580	17.6	70.3	12.2	34,342,963	4,268,429	25,795,954	4,278,580	12.4	75.1	12.5
	1914	462	205	155	4,334	1,228	2,624	482	28.3	60.5	11.1	21,557,591	4,606,609	14,944,011	2,006,971	21.4	69.3	9.3
Shipbuilding, including boat building.	1919	24	27	16	47,530	216	47,054	260	0.5	99.0	0.5	185,882,234	916,667	183,858,817	1,106,750	0.5	98.9	0.6
	1914	28	17	7	3,457	203	3,171	83	5.9	91.7	2.4	8,104,033	550,871	7,350,730	202,432	6.8	90.7	2.5
Slaughtering and meat packing.	1919	34	43	14	3,405	298	2,988	119	8.8	87.8	3.5	92,554,164	9,179,749	75,384,796	7,989,619	9.9	81.4	8.6
	1914	23	37	21	2,172	201	1,809	162	9.3	83.3	7.5	49,499,958	6,101,446	37,768,089	5,630,423	12.3	76.3	11.4
Sugar, beet	1919	.....	10	.....	1,512	.....	1,512	.....	.....	100.0	.....	26,354,094	.....	26,354,094	.....	.....	100.0	.....
	1914	.....	12	.....	2,009	.....	2,009	.....	.....	100.0	.....	15,528,666	.....	15,528,666	.....	.....	100.0	.....
Total for cities	1919	3,880	2,110	1,834	165,311	16,305	133,265	15,741	9.9	80.6	9.5	1,191,377,917	95,532,731	954,912,732	140,932,454	8.0	80.2	11.8
	1914	3,321	1,871	1,416	85,627	10,847	66,010	8,770	12.7	77.1	10.2	388,431,253	41,525,767	300,205,379	46,700,107	10.7	77.3	12.0
ALAMEDA	1919	32	9	11	6,787	62	6,692	33	0.9	98.6	0.5	25,440,598	383,905	24,902,853	153,840	1.5	97.9	0.6
	1914	23	17	12	1,087	101	968	18	9.3	89.1	1.7	2,786,176	248,891	2,463,395	73,890	8.9	88.4	2.7
BAKERSFIELD	1919	33	21	19	1,178	129	988	61	11.0	83.9	5.2	5,699,051	772,922	4,382,722	543,407	13.6	76.9	9.5
	1914	21	21	9	894	90	763	41	10.1	85.3	4.6	2,928,373	278,870	2,461,362	188,141	9.5	84.1	6.4
BERKELEY	1919	55	41	17	2,319	239	1,946	134	10.3	83.9	5.8	28,331,212	1,034,986	26,488,347	807,879	3.7	93.5	2.9
	1914	45	35	15	1,328	98	1,174	56	7.4	88.4	4.2	7,321,044	417,092	6,619,531	284,421	5.7	90.4	3.9
EUREKA	1919	27	13	12	977	91	830	56	9.3	85.0	5.7	3,960,268	374,226	3,202,968	383,074	9.4	80.9	9.7
	1914	34	17	6	799	75	686	38	9.4	85.9	4.8	2,480,374	200,925	2,187,063	92,386	8.1	88.2	3.7
FRESNO	1919	115	49	59	3,903	402	2,097	1,404	10.3	53.7	36.0	48,943,823	4,298,570	25,594,849	19,050,404	8.8	52.3	38.9
	1914	48	44	25	2,903	158	2,588	157	5.4	89.1	5.4	16,520,109	526,987	14,323,775	1,669,347	3.2	86.7	10.1
GLENDALE	1919	28	4	9	216	50	391	27	23.1	64.4	12.5	1,173,720	274,215	785,353	114,152	23.4	66.9	9.7

[1] Includes the group "All others."
[2] Includes the groups "Individuals" and "All others."
[3] Includes "chewing gum."
[4] Includes "iron and steel, tempering and welding"; "machine tools"; and "steel barrels, drums, and tanks."
[5] Includes the group "Individuals."

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

Industry and city.	Census year.	Number of establishments owned by—			Average number of wage earners.						Value of products.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.	
		Individuals.	Corporations	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
Long Beach	1919	65	37	26	3,769	238	3,477	54	6.3	92.3	1.4	$14,382,769	$1,249,603	$12,792,133	$341,033	8.7	88.9	2.4
	1914	52	27	15	885	201	612	72	22.7	69.2	8.1	2,944,888	534,653	2,174,780	235,455	18.2	73.8	8.0
Los Angeles	1919	1,318	685	537	47,118	5,738	36,747	4,633	12.2	78.0	9.8	278,184,143	29,667,220	224,850,770	23,666,153	10.7	80.8	8.5
	1914	954	579	378	23,744	3,181	18,029	2,534	13.4	75.9	10.7	103,457,993	10,575,196	84,576,912	8,305,885	10.2	81.8	8.0
Oakland	1919	294	167	132	23,347	964	21,664	719	4.1	92.8	3.1	134,755,470	5,871,297	124,591,794	4,292,379	4.4	92.5	3.2
	1914	324	153	96	7,700	881	6,410	415	11.4	83.2	5.4	28,521,828	3,069,939	23,665,642	1,786,247	10.8	83.0	6.3
Pasadena	1919	109	36	46	1,044	359	504	181	34.4	48.3	17.3	5,767,527	1,615,713	3,357,336	794,478	28.0	58.2	13.8
	1914	67	25	26	536	183	270	83	34.1	50.4	15.5	1,971,891	572,273	1,126,282	273,336	29.0	57.1	13.9
Pomono	1919	39	8	17	535	108	313	114	20.2	58.5	21.3	3,754,153	806,632	2,364,762	582,759	21.5	63.0	15.5
	1914	35	5	14	322	140	112	70	43.5	34.8	21.7	825,000	374,594	307,477	142,929	45.4	37.3	17.3
Richmond	1919	11	21	8	4,305	15	4,266	24	0.3	99.1	0.6	75,315,608	165,758	75,008,169	141,681	0.2	99.6	0.2
Riverside	1919	42	12	6	421	274	122	25	65.1	29.0	5.9	2,354,476	1,523,093	700,561	130,822	64.7	29.8	5.6
	1914	45	13	10	277	151	99	27	54.5	35.7	9.7	1,021,929	494,808	420,949	106,172	48.4	41.2	10.4
Sacramento	1919	162	61	81	6,341	433	5,444	464	6.8	85.9	7.3	34,198,980	2,787,252	25,534,270	5,877,458	8.2	74.7	17.2
	1914	118	51	67	5,334	394	4,568	372	7.4	85.6	7.0	16,382,670	2,180,829	12,550,286	1,651,555	13.3	76.6	10.1
San Bernardino	1919	23	18	13	2,107	51	1,965	91	2.4	93.3	4.3	7,473,789	266,949	6,496,656	710,184	3.6	86.9	9.5
	1914	31	13	10	1,077	85	966	26	7.9	89.7	2.4	2,612,669	640,340	1,899,114	73,215	24.5	72.7	2.8
San Diego	1919	141	67	59	3,427	692	2,065	670	20.2	60.3	19.6	20,225,723	4,658,441	12,547,731	3,019,551	23.0	62.0	14.9
	1914	129	72	56	2,060	427	1,145	488	20.7	55.6	23.7	9,020,895	2,599,498	4,655,562	1,765,835	28.8	51.6	19.6
San Francisco	1919	1,046	713	601	48,550	5,241	37,377	5,932	10.8	77.0	12.2	417,321,277	32,131,587	312,315,879	72,873,811	7.7	74.8	17.5
	1914	1,108	669	557	31,758	3,929	23,840	3,989	12.4	75.1	12.6	162,299,795	15,706,834	118,753,820	27,839,141	9.7	73.2	17.1
San Jose	1919	107	46	48	3,090	282	2,290	518	9.1	74.1	16.8	25,135,500	2,186,968	19,930,324	3,018,208	8.7	79.3	12.0
	1914	125	55	45	2,029	248	1,657	124	12.2	81.7	6.1	10,806,117	1,035,741	8,670,713	1,099,663	9.6	80.2	10.2
Santa Ana	1919	38	18	18	628	148	427	53	23.6	68.0	8.4	3,627,249	856,255	2,384,239	386,755	23.6	65.7	10.7
Santa Barbara	1919	43	19	14	481	180	254	47	37.4	52.8	9.8	1,943,533	754,008	1,004,486	185,039	38.8	51.7	9.5
	1914	22	14	11	276	47	182	47	17.0	65.9	17.0	843,673	142,744	546,436	154,493	16.9	64.8	18.3
Santa Cruz	1919	20	10	11	572	71	441	60	12.4	77.1	10.5	3,944,114	1,381,204	2,315,148	247,762	35.0	58.7	6.3
	1914	41	15	23	401	63	266	72	15.7	66.3	18.0	1,320,427	236,516	802,133	281,778	17.9	60.7	21.3
Santa Monica	1919	18	2	9	136	61	.....	[1] 75	44.9	.....	55.1	519,241	189,207	.....	[1] 330,034	36.4	.....	63.6
Stockton	1919	95	45	68	3,534	419	2,815	300	11.9	79.7	8.5	30,675,898	1,957,729	26,496,713	2,221,456	6.4	86.4	7.2
	1914	87	37	33	1,919	335	1,461	123	17.5	76.1	6.4	11,293,483	1,543,344	9,169,224	580,915	13.7	81.2	5.1
Vallejo	1919	16	5	11	478	49	370	59	10.3	77.4	12.3	18,056,382	282,151	16,748,606	1,025,625	1.6	92.8	5.7
	1914	12	9	8	292	60	214	18	20.5	73.3	6.2	3,071,919	145,693	2,830,923	95,303	4.7	92.2	3.1
Venice	1919	3	3	3	48	9	32	7	18.8	66.7	14.6	193,413	42,840	116,063	34,510	22.1	60.0	17.8

[1] Includes the group "Corporations."

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

	Census year.	Aggregate.	Cities having a population of 10,000 or over.								The state outside of cities having a population of 10,000 or over.	
			Total.[1]		10,000 to 25,000.[1]		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	25	.....	13	.....	9	.....	3	.....	.....	.....
	1914	.....	21	.....	10	.....	8	.....	3	.....	.....	.....
	1909	.....	21	.....	13	.....	5	.....	3	.....	.....	.....
Population [2]	1920	3,426,861	1,957,108	57.1	206,094	6.0	451,404	13.2	1,299,610	37.9	1,469,753	42.9
	1915	2,757,395	1,546,725	56.1	152,778	5.5	323,529	11.7	1,070,418	38.8	1,211,170	43.9
	1910	2,377,549	1,266,930	53.3	196,701	8.3	183,945	7.7	886,284	37.3	1,110,619	46.7
Number of establishments	1919	11,942	7,824	65.5	645	5.4	1,686	14.1	5,493	46.0	4,118	34.5
	1914	10,057	6,636	66.0	561	5.6	1,257	12.5	4,818	47.9	3,421	34.0
	1909	7,659	4,873	63.6	661	8.6	650	8.5	3,562	46.5	2,786	36.4
Average number of wage earners	1919	243,692	165,311	67.8	12,082	5.0	34,214	14.0	119,015	48.8	78,381	32.2
	1914	139,481	85,734	61.5	5,330	3.8	17,196	12.3	63,208	45.3	53,747	38.5
	1909	115,296	69,522	60.3	8,472	7.4	8,574	7.4	52,476	45.5	45,774	39.7
Value of products	1919	$1,981,204,701	$1,191,377,917	60.1	$128,014,997	6.5	$233,102,030	11.8	$830,260,890	41.9	$789,826,784	39.9
	1914	712,800,764	388,952,824	54.7	18,570,823	2.8	76,102,385	10.7	294,279,616	41.3	323,847,940	45.3
	1909	529,760,528	293,882,713	55.5	39,522,666	7.5	30,389,778	5.7	223,970,269	42.3	235,877,815	44.5
Value added by manufacture	1919	762,346,183	486,014,515	63.8	47,119,226	6.2	93,849,037	12.3	345,046,252	45.3	276,331,668	36.2
	1914	265,326,233	161,031,036	60.7	8,652,201	3.3	29,080,253	11.0	123,299,182	46.5	104,294,597	39.3
	1909	204,522,454	125,714,314	61.5	14,645,208	7.2	14,075,999	6.9	96,993,107	47.4	78,808,140	38.5

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

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

CITY AND INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase[1] over 1914.	
			Amount.	Per cent.
BERKELEY.				
Bread and other bakery products	$1,212,840	2.5	$739,951	156.5
Chemicals	1,168,263	11.1	(2)	(2)
Foundry and machine-shop products	1,029,280	2.0	−72,445	−6.6
Printing and publishing, book and job	257,036	1.3	189,664	281.5
Printing and publishing, newspapers and periodicals	214,987	0.6	29,905	16.2
Canning and preserving, fruits				
Druggists' preparations				
Engines, steam, gas, and water				
Fertilizers				
Ink, printing				
Knit goods				
Leather, tanned, curried, and finished	(2)	(2)	(2)	(2)
Lumber, planing-mill products, not including planing mills connected with sawmills				
Oil, vegetable and composite				
Paints				
Pumps, steam				
Soap				
LONG BEACH.				
Canning and preserving, fish	1,183,597	6.8	(2)	(2)
Bread and other bakery products	555,065	1.1	310,588	127.0
Lumber, planing-mill products, not including planing mills connected with sawmills	487,521	1.1	15,676	3.3
Automobile repairing	479,069	1.9	416,269	662.8
Automobile bodies and parts	259,009	3.3	(2)	(2)
Pickles and sauces				
Printing and publishing, newspapers and periodicals	(2)	(2)	(2)	(2)
Shipbuilding, steel, new vessels				
Woolen goods				
LOS ANGELES.				
Slaughtering and and meat packing	24,799,330	26.8	10,873,380	78.1
Flour-mill and gristmill products	13,791,854	21.1	8,615,777	166.5
Foundry and machine-shop products[3]	11,815,564	22.7	6,975,319	144.1
Cars and general shop construction and repairs by steam-railroad companies	10,513,840	25.1	6,572,196	166.7
Bread and other bakery products	10,492,324	21.4	5,677,233	117.9
Confectionery and ice cream	9,799,350	42.2	7,072,120	259.3
Printing and publishing, newspapers and periodicals	9,728,450	28.3	3,887,645	66.6
Lumber and planing-mill products, not including planing mills connected with sawmills	9,251,981	21.6	773,195	9.1
Clothing, women's	8,386,445	58.9	7,458,005	803.3
Printing and publishing, book and job	6,566,963	33.0	3,699,824	129.0
Furniture	5,896,548	43.2	4,835,310	455.6
Automobile repairing	5,783,026	23.2	4,793,321	484.3
Canning and preserving, fruits and vegetables	5,710,296	3.0	4,340,738	316.9
Petroleum, refining	5,613,897	2.6	4,468,085	389.9
Canning and preserving, fish	5,613,331	32.1	4,542,102	424.0
Engines, steam, gas, and water				
Gas, illuminating and heating	(2)	(2)	(2)	(2)
Shipbuilding, steel				
OAKLAND.				
Shipbuilding, steel	45,271,236	25.3	(2)	(2)
Canning and preserving, fruits	11,285,387	5.9	8,151,497	260.1
Lumber, planing-mill products, not including planing mills connected with sawmills	9,790,197	22.9	(2)	(2)
Electrical machinery, apparatus, and supplies	2,999,849	26.4	(2)	(2)
Bread and other bakery products	2,775,396	5.7	1,281,007	85.7
Engines, steam, gas, and water	2,645,208	20.8	1,126,654	74.2
Foundry and machine-shop products[4]	2,460,509	4.7	1,734,921	239.1
OAKLAND—Continued.				
Printing and publishing, newspapers and periodicals	$2,161,111	6.3	$1,128,244	109.2
Automobiles				
Cars and general shop construction and repairs by steam-railroad companies				
Cotton goods	(2)	(2)	(2)	(2)
Flour-mill and gristmill products				
Gas, illuminating and heating				
Iron and steel, steel works and rolling mills				
Tinware, not elsewhere specified				
SACRAMENTO.				
Canning and preserving, fruits and vegetables	8,061,266	4.2	6,053,205	301.4
Bread and other bakery products	1,426,170	2.9	838,823	142.8
Printing and publishing, newspapers and periodicals	1,143,913	3.3	332,443	41.0
Automobile repairing	767,415	3.1	651,404	561.5
Confectionery and ice cream	703,357	3.0	(2)	(2)
Butter				
Cars and general shop construction and repairs by steam-railroad companies				
Flour-mill and gristmill products	(2)	(2)	(2)	(2)
Iron and steel, steel works and rolling mills				
Liquors, malt				
Rice, cleaning and polishing				
SAN DIEGO.				
Canning and preserving, fish	1,995,752	11.4	1,813,594	995.6
Bread and other bakery products	1,522,135	3.1	823,678	117.9
Printing and publishing, newspapers and periodicals	844,911	2.5	171,489	25.5
Automobile repairing	627,431	2.5	519,715	482.5
Confectionery and ice cream	539,763	2.3	162,353	43.0
Flour-mill and gristmill products				
Gas, illuminating and heating				
Rubber tires, tubes, and rubber goods, not elsewhere specified	(2)	(2)	(2)	(2)
Shipbuilding, concrete				
Slaughtering and meat packing				
Soap				
SAN FRANCISCO.				
Shipbuilding, including boat building	46,075,119	24.8	41,124,999	830.8
Slaughtering and meat packing	22,088,940	23.9	7,764,287	54.2
Coffee and spice, roasting and grinding	21,784,677	82.8	14,514,303	199.6
Automobiles	20,261,186	55.3	(2)	(2)
Bread and other bakery products	14,748,495	30.1	8,065,136	120.7
Bags, other than paper, not including bags made in textile mills	13,414,851	100.0	(2)	(2)
Foundry and machine-shop products[4]	13,358,050	25.7	8,486,961	174.3
Printing and publishing, newspapers and periodicals	12,201,123	35.5	4,682,294	62.3
Canning and preserving, fruits and vegetables	11,899,240	6.3	5,509,533	86.2
Tinware, not elsewhere specified	10,558,932	39.4	(2)	(2)
Printing and publishing, book and job	9,500,458	47.8	4,172,137	78.3
Rice, cleaning and polishing	8,355,082	41.2	(2)	(2)
Clothing, men's	8,287,615	72.7	4,739,569	133.6
Tobacco, cigars and cigarettes	8,157,365	75.8	5,718,838	234.5
Confectionery and ice cream	7,229,611	31.1	4,604,902	175.4
Furniture	6,467,810	47.4	3,727,993	136.1
Leather, tanned, curried, and finished	6,431,576	30.0	2,994,600	87.1
Flour-mill and gristmill products	5,735,767	8.8	2,620,011	84.1
Chocolate and cocoa products	5,662,682	100.0	(2)	(2)
Clothing, women's	5,589,618	39.2	3,864,416	224.0
Liquors, malt	5,577,145	48.8	1,625,683	41.1
Gas, illuminating and heating				
Oil, not elsewhere specified	(2)	(2)	(2)	(2)
Sugar, refining, not including beet sugar				

[1] A minus sign (−) denotes decrease.
[2] Figures can not be shown without disclosing individual operations.
[3] Includes "iron and steel, tempering and welding."
[4] 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	55,023	27,057	14,249	766,016	491,025	329,100	100.0	100.0	100.0
Owned	3,953	3,312	3,447	243,980	230,759	211,341	31.9	47.0	64.2
Steam [1]	2,790	2,323	2,520	211,256	207,695	193,556	27.6	42.3	58.8
Engines	2,667	(2)	(2)	179,220	(2)	(2)	23.4		
Turbines	123	(2)	(2)	32,036	(2)	(2)	4.2		
Internal-combustion engines	1,053	877	765	25,020	15,614	10,115	3.3	3.2	3.1
Water	110	112	162	7,704	7,450	7,670	1.0	1.5	2.3
Water wheels and turbines	81	74	115	7,443	6,975	7,390	1.0	1.4	2.2
Water motors	29	38	47	261	475	280	(3)	0.1	0.1
Rented	51,070	23,745	10,802	522,036	260,266	117,759	68.1	53.0	35.8
Electric	51,070	23,745	10,802	521,188	258,734	116,537	68.0	52.7	35.4
Other				848	1,532	1,222	0.1	0.3	0.4
Electric	55,026	26,040	12,393	572,284	291,344	143,684	100.0	100.0	100.0
Rented	51,070	23,745	10,802	521,188	258,734	116,537	91.1	88.8	81.1
Generated by establishments reporting	3,956	2,295	1,591	51,096	32,610	27,147	8.9	11.2	18.9

[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	4,002	117,085	194,643	14,493,285	334,602	7,587,674
1914	2,000	34,712	97,386	13,359,578	(1)	3,318,379
Per cent of increase	100.1	237.3	99.9	11.0	(1)	128.7
Bread and other bakery products	190	277	282	29,254	135,621	440,018
Brick and tile, terra-cotta, and fire-clay products	100	5,432	10	411,306	192	407,969
Canning and preserving, fruits and vegetables		88	1,422	529,587	3,088	112,150
Cars and general shop construction and repairs by steam-railroad companies	39	10,076	508	862,287	71	7,020
Cement				1,035,561		
Chemicals	17	56	1,716	496,136	60	24,352
Foundry and machine-shop products	330	5,980	32,564	89,342	2,949	436,491
Gas, illuminating and heating	223	2,851		3,004,166	17,756	304,868
Ice, manufactured		1		322,530	479	71,600
Iron and steel, steel works and rolling mills			3,151	454,206	68,688	369,483
Leather, tanned, curried, and finished		864		69,273		
Lime		68,374				
Petroleum, refining				3,113,980	305	3,378,068
Printing and publishing, newspapers and periodicals	29	318	4	17,504	1,546	185,488
Shipbuilding, steel	1,724	1,307	13,770	191,715	5,142	1,795
Sugar, beet			84,065	506,277		201
Sugar, refining, not including beet sugar		50		797,699		
All other industries	1,350	21,411	57,151	2,562,462	98,705	1,847,271
Total for cities	3,272	20,381	59,283	7,544,259	120,042	2,448,074
ALAMEDA	562	500	1,123	49,637	624	3,006
BAKERSFIELD	248	257	194	127,791	1,693	14,214
BERKELEY	57	84	1,771	113,476	475	14,591
EUREKA		28	151	12,460	207	846
FRESNO	24	107	140	246,926	2,537	17,475
GLENDALE		2		3,894		5,435
LONG BEACH			415	53,376	1,515	42,173
LOS ANGELES	113	3,251	5,737	1,586,844	13,534	1,327,931
OAKLAND	138	1,077	36,188	976,948	5,638	221,037
PASADENA	29		650	21,610	286	20,178
POMONA		6	140	2,258	2	50,645
RICHMOND	1	5,722	545	1,282,116	52	17,476
RIVERSIDE		49	80	2,558	202	5,807
SACRAMENTO	181	225	279	275,849	69,083	30,822
SAN BERNARDINO	39	989	358	177,730	51	2,970
SAN DIEGO	26	245	139	231,231	1,178	15,060
SAN FRANCISCO	1,820	5,683	9,760	1,892,419	16,852	351,472
SAN JOSE	8	913	190	127,214	1,271	11,959
SANTA ANA		59	60	3,063	40	70,568
SANTA BARBARA	4	23	279	66,893	136	6,706
SANTA CRUZ		39	22	30,862	74	1,895
SANTA MONICA				23,267		3,897
STOCKTON	10	1,114	1,062	186,427	4,544	207,569
VALLEJO	12	8		49,348	48	2,825
VENICE				62		1,490

[1] Included in figures for fuel oils.

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 for California are here presented.

Petroleum, refining (Table 19).—Measured by value of products this industry ranked first among the manufacturing industries of the state in 1919, the value of products constituting 10.8 per cent of the total for all manufactures. In 1914, among the manufacturing industries in the state, petroleum refining was second with 7.8 per cent of the total, and in 1909, eighth with 3.4 per cent. Among the states in 1919 California ranked third in this industry, being exceeded by New Jersey and Texas. In 1914 its rank in the industry was second (New Jersey being first) and in 1909, fifth.

The total production of refined oils in 1919, the same including gasoline and naphthas, fuel oils, illuminating oils, and lubricating oils, was 64,542,869 barrels of 50 gallons, as compared with 33,478,287 barrels in 1914 and 6,475,705 barrels in 1909. In value these oils aggregated $206,302,747 in 1919, $52,725,526 in 1914, and $13,304,232 in 1909.

The figures show a quantity increase from 1914 to 1919 of 92.8 per cent with an increase in value of 291.3 per cent. The average value per barrel for the refined oils, as a whole, was $3.20 in 1919, $1.57 in 1914, and $2.05 in 1909. Of the total production of refined oils in 1919, fuel oils constituted 77.3 per cent, gasoline and naphthas 13.8 per cent, illuminating oils 7 per cent, and lubricating oils 1.9 per cent. In 1914 the distribution percentages were 74.5, 14.6, 10, and nine-tenths of 1 per cent, respectively, and in 1909, 60.7, 9.7, 26.7, and 2.9.

TABLE 19.—PETROLEUM, REFINING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$141,876,645	$38,169,817	$13,897,721
Crude petroleum:			
Barrels (42 gallons)	74,967,487	41,901,651	13,481,085
Cost	$110,836,778	$30,157,013	$10,165,341
Distillates purchased and rerun:			
Barrels (42 gallons)	5,754,200	344,740	(1)
Cost	$10,770,577	$659,676	(1)
Casing-head gasoline purchased:			
Barrels (42 gallons)	170,465	.....	.....
Cost	$1,345,401	.....	.....
Casing-head gas ("wet" natural gas):			
M. cubic feet	14,872,322	.....	.....
Cost	$1,202,194	.....	.....
Sulphuric acid:			
Tons (2,000 pounds)	143,416		
Cost	$2,974,678		
Caustic soda:			
Pounds	4,456,262	$1,038,700	$754,383
Cost	$199,268		
Other chemicals and filtering materials	$497,320		
Containers and materials therefor	$5,783,441	$919,696	$856,894
All other materials, including fuel and rent of power, cost	$8,266,988	$5,394,732	$2,181,103

[1] Figures not available.

TABLE 19.—PETROLEUM, REFINING: 1919, 1914, AND 1909—Con.

	1919	1914	1909
PRODUCTS.			
Total value	$213,292,194	$55,527,651	$17,878,006
Naphthas and lighter products:			
Gasoline—			
Gallons	335,613,072	123,326,400	
Value	$64,988,730	$12,679,456	
Naphtha—			
Gallons	81,664,241		31,440,200
Value	$8,753,176		$3,256,209
Benzine—			
Gallons	2,722,908	121,685,000	
Value	$305,623	$5,810,209	
Other—			
Gallons	26,007,024		
Value	$3,372,739		
Illuminating oils:			
Gallons	226,653,840	166,973,950	86,443,150
Value	$18,408,503	$9,186,804	$5,047,759
Fuel oils:			
Distillates—			
Gallons	119,013,876	68,910,300	
Value	$9,820,729	$2,521,941	
Gas oils—			
Gallons	77,392,248	34,980,100	196,568,300
Value	$3,224,196	$880,251	$3,862,603
Residual fuel oil—			
Gallons	2,296,383,175	1,142,797,050	
Value	$81,445,656	$18,395,771	
Lubricating oils:			
Pale or paraffin—			
Gallons	34,453,408	6,431,350	
Value	$9,202,305	$1,353,418	
Red or neutral—			
Gallons	10,174,175	7,601,550	
Value	$2,075,248	$1,718,678	9,333,600
Cylinder oils—			$1,137,661
Gallons	3,186,439	551,700	
Value	$359,480	$87,825	
All other—			
Gallons	13,879,053	656,950	
Value	$3,246,362	$91,173	
Liquid asphaltic road oils and residuum or tar:			
Gallons	5,690,000	23,262,350	6,203,100
Value	$329,438	$448,505	$96,478
Greases, lubricating and axle:			
Gallons	1,838,557	921,850	506,500
Value	$1,359,687	$471,776	$134,036
Paraffin wax:			
Gallons	75,783	(1)	(1)
Value	$27,701	(1)	(1)
Asphalt, other than liquid asphalt:			
Tons (2,000 pounds)	141,008	176,524	139,473
Value	$2,531,841	$1,505,073	$1,622,683
Acid oil:			
Gallons	18,131,914		
Value	$277,392	$376,771	$2,720,577
All other products, value	$2,463,388		
EQUIPMENT.			
Stills:			
Steam—			
Number	86	86	29
Capacity (gallons)	1,976,000	2,114,000	216,000
Fire—			
Number	476	353	208
Capacity	14,868,000	8,785,000	6,591,000
Pressure—			
Number	1	.....	.....
Capacity	1,500	.....	.....
Storage tanks:			
Crude petroleum—			
Number	194	104	165
Capacity (gallons)	177,173,000	67,254,000	29,037,000
Refined petroleum products—			
Number	1,255	760	
Capacity	345,927,000	153,258,000	636
Fuel oil—			55,414,000
Number	270	119	
Capacity	312,171,000	34,305,000	
Other—			
Number	126	185	.....
Capacity	21,373,000	72,895,000	.....

[1] Figures not available.

Canning and preserving (Table 20).—California ranked first among the states in the canning of fruits and vegetables in 1919. Of the total value of canned fruits produced in the United States in that year, California reported 66.8 per cent, and of dried fruits, 90.3 per cent. Of the canned vegetables, this state reported 13.3 per cent, and of the dried vegetables, 56.4 per cent.

Large increases are shown in the value of the several products in 1919, as compared with 1914, canned salmon being the only instance of a decrease in this particular. With the exception of canned berries and salmon, and dried prunes and apricots, increases are shown in all instances for quantities.

Of the total value of all products of the industry in the state in 1919, canned fruits valued at $84,676,590 represented 38.6 per cent, and dried fruits valued at $77,078,878 represented 35.2 per cent. The corresponding percentages in 1914 were 25.9 per cent and 49.9 per cent, respectively. Large percentages of increase are shown for the several branches of the industry from 1914 to 1919, due largely to the increased prices prevailing in 1919. The total value of all products of the industry increased during this five-year period $157,632,751, or 255.7 per cent.

TABLE 20.—CANNING AND PRESERVING: 1919, 1914, AND 1909.

	1919	1914	1909
Total value	[1] $219,278,576	[2] $61,645,825	$32,914,829
Canning and preserving, fruits and vegetables	$189,955,631	$54,551,091	$28,931,279
Canning and preserving, fish	$17,482,795	$3,035,384	$1,156,881
Pickles, preserves, and sauces	$11,840,150	$4,059,350	$2,826,669
Canned vegetables	$23,055,338	$6,855,055	$3,470,621
Tomatoes—			
Cases	3,598,599	1,730,487	536,837
Value	$10,378,611	$3,122,532	$1,120,632
Asparagus—			
Cases	994,669	620,859	296,388
Value	$6,482,299	$2,733,950	$1,794,346
Beans—			
Cases	692,823	154,882	47,505
Value	$1,477,460	$275,807	$87,059
Spinach—			
Cases	368,718	(3)	(3)
Value	$1,306,312	(3)	(3)
Tomato paste—			
Cases	120,702	(3)	(3)
Value	$659,040	(3)	(3)
Tomato pulp—			
Cases	158,972	(3)	(3)
Value	$654,949	(3)	(3)
Peas—			
Cases	211,989	165,540	123,349
Value	$559,300	$317,676	$250,624
Beets—			
Cases	80,533	(3)	(3)
Value	$344,352	(3)	(3)
Sweet potatoes—			
Cases	52,077	(3)	(3)
Value	$249,180	(3)	(3)
Pumpkin—			
Cases	38,465	9,944	10,941
Value	$118,932	$11,348	$15,165
All other—			
Cases	409,683	119,621	64,480
Value	$824,903	$393,742	$202,795
Dried vegetables:			
Pounds	4,516,008	(4)	(4)
Value	$1,266,360	(4)	(4)
Canned fruits	$84,676,590	$15,994,119	$7,248,342
Peaches—			
Cases	6,851,771	2,922,637	1,149,590
Value	$42,272,876	$8,685,831	$3,013,203
Apricots—			
Cases	3,835,027	1,005,234	627,701
Value	$24,602,707	$2,963,672	$1,819,558
Pears—			
Cases	1,033,375	692,782	433,796
Value	$8,132,485	$2,796,356	$1,316,022
Cherries—			
Cases	610,314	131,252	224,084
Value	$3,713,210	$459,005	$491,575
Plums—			
Cases	356,548	150,216	138,995
Value	$1,526,262	$247,505	$230,384
Berries—			
Cases	153,492	165,198	95,092
Value	$1,077,257	$345,322	$171,995
Prunes—			
Cases	87,653	(3)	(3)
Value	$558,757	(3)	(3)
Apples—			
Cases	138,743	110,672	67,710
Value	$487,847	$214,021	$136,855
All other—			
Cases	419,468	117,608	20,013
Value	$2,305,189	$282,407	$68,750

TABLE 20.—CANNING AND PRESERVING: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
Dried fruits	$77,078,878	$30,735,350	$18,212,316
Raisins—			
Pounds	293,276,581	223,712,822	195,774,767
Value	$35,541,862	$13,681,048	$6,912,533
Prunes—			
Pounds	114,235,605	123,586,570	118,917,876
Value	$15,200,343	$7,956,549	$4,394,922
Peaches—			
Pounds	73,244,010	61,376,251	46,827,391
Value	$12,069,926	$2,888,962	$2,422,043
Apricots—			
Pounds	23,944,612	39,266,294	29,205,569
Value	$5,994,309	$3,602,690	$2,277,177
Figs—			
Pounds	15,923,116	.....	.....
Value	$2,785,281	(3)	(3)
Apples—			
Pounds	15,477,039	10,786,714	6,860,170
Value	$2,630,300	$663,673	$481,173
All other—			
Pounds	17,152,427	.....	.....
Value	$2,856,857	$1,942,428	$1,724,468
Fish	$16,111,686	$3,015,347	$1,156,881
Canned fish	$13,473,211	$2,455,851	$626,208
Sardines—			
Cases	2,100,532	302,736	[5] 1,980,364
Value	$7,541,285	$368,420	$238,607
Tuna—			
Cases	825,476	437,090	(4)
Value	$5,353,369	$1,638,675	(4)
Salmon—			
Cases	10,049	40,430	(4)
Value	$127,659	$241,335	(4)
All other—			
Cases	61,205	29,110	[5] 2,286,610
Value	$450,898	$207,421	$387,601
Smoked and dried fish—			
Pounds	250,116	130,500	100,900
Value	$52,616	$16,312	$14,680
Salted and pickled fish—			
Pounds	14,218,442	10,362,064	8,289,359
Value	$2,585,859	$543,184	$515,993
Pickles, preserves, and sauces, value	$11,840,150	$4,059,350	$2,826,669
All other by-products of fruits and vegetables, value	$3,878,465	$966,567	
All other by-products of fish and oysters, value	$1,371,109	$20,037	

[1] In addition, canned fruits and vegetables to the value of $1,017,358 and canned and cured fish to the value of $698,086 were reported by establishments engaged primarily in other industries.
[2] Includes $482,976 reported by establishments engaged primarily in other industries.
[3] Included in "All other," to avoid disclosure of individual operations
[4] Figures not available.
[5] Canned fish reported in pounds in 1909.

Shipbuilding, including boat building (Tables 21 and 22).—This industry includes the building and repairing of steel and wooden vessels, as well as small craft, and the manufacture of masts, spars, and oars, etc. Comparisons of the 1919 figures for this industry, unlike those for any other for which totals are presented, are made with that of the special census for shipbuilding, 1916.

The number and tonnage of all vessels launched in 1919 and 1916, except those of less than 5 tons, are shown by classes in Table 21.

TABLE 21.—SHIPBUILDING, INCLUDING BOAT BUILDING—NUMBER AND TONNAGE: 1919 AND 1916.

	1919		1916	
	Number.	Gross tonnage.	Number.	Gross tonnage.
Vessels, 5 gross tons and over launched during the year	162	503,986	118	89,108
Steel	106	474,401	14	82,012
Steam	99	468,423	12	81,012
Motor	7	5,978	2	1,000
Wooden	56	29,585	104	7,096
Steam	9	21,400	4	1,754
Motor	29	1,069	72	2,401
Sail	4	4,173	2	110
Unrigged	14	2,943	26	2,831
Power boats, less than 5 gross tons	108	.....	66	.....

The gross tonnage of iron and steel vessels launched, which was 82,012 in 1916, increased to 474,401 in 1919; and although the number of wooden vessels launched in 1919 was 48 less than in 1916, there was an increase of 22,489 in the gross tonnage. Fifty-three steel vessels, with a total of 162,444 gross tons, were launched at San Francisco, and 27 vessels, with 156,060 gross tons, at Oakland. A large portion of the iron and steel vessels were freighters, some over 6,000 gross tons and nearly all equipped with oil burners. Fifteen steel tankers were launched at San Francisco, with a total tonnage of 106,074. The largest of these tankers was of 7,311 gross tons. Two concrete tankers of 15,000 gross tons were under construction at San Diego in 1919, but were not launched during that year.

The value of work done upon vessels of all kinds during 1919 and 1916 is shown in Table 22.

TABLE 22.—SHIPBUILDING, INCLUDING BOAT BUILDING—VALUE: 1919 AND 1916.

	1919	1916
Total value of work	$185,882,234	$19,777,911
Work done during the year—		
On new vessels of 5 gross tons and over	172,219,071	14,658,797
Steel	167,773,847	13,088,783
Wooden	4,445,224	1,570,014
On boats of less than 5 tons	292,932	139,761
Power boats of all kinds	145,106	57,887
Sailboats, rowboats, etc	147,826	81,874
Repair work	12,559,965	3,594,445
Steel	10,621,670	2,715,114
Wooden	1,938,295	879,331
Masts	26,740	(1)
All other products	783,526	1,384,908

[1] Included in "all other products."

The statistics presented in the two preceding tables are exclusive of the work done in the United States navy yard at Mare Island, in which 5 steel vessels of 37,160 displacement tonnage, the battleship *California* of 32,300 tons, and 4 destroyers aggregating 4,860 tons, were launched in 1919. There were also launched in this yard, during that year, 9 wooden motor tugboats, aggregating 540 displacement tonnage, and 113 small power boats of less than 5 gross tons each. Construction work was also done upon 7 vessels not launched, 5 steel and 2 wooden, of 48,180 tons displacement.

Slaughtering and meat packing (Table 23).—This table presents for the census years 1919, 1914, and 1909, 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, curing materials, whole milk and butter for making oleomargarine, seasoning, refrigeration, containers, fuel, rent of power, mill supplies, and freight; and the quantity and value of the most important products that can be presented without disclosing individual operations. The item "all other products" includes canned beef, pork, and pork and beans, canned sausage, oleo oil, oleo stearin, oleomargarine, casings, hoofs, horns, horntips, strips and waste, glue, grease, soap stock, and poultry goods. The value of dressed poultry and goat meat is included in that for "Edible offal and all other fresh meat."

Although there was a large increase in the value of products in 1919 as compared with 1914, $43,054,206, or 87 per cent, the growth of the industry as indicated by the number of animals slaughtered was slight. There were only 5,554 more animals killed in 1919 than in 1914. The number of beeves, calves, and hogs increased 234,725, but the number of sheep and lambs decreased 229,171.

TABLE 23.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$77,416,321	$40,930,582	$28,224,077
Animals slaughtered, cost	$68,955,515	$35,109,752	$24,055,174
Beeves—			
Number	395,524	315,762	341,617
Cost	$39,576,429	$21,709,776	$14,348,274
Calves—			
Number	86,980	31,834	81,344
Cost	$2,110,967	$513,608	$930,781
Sheep and lambs—			
Number	1,198,079	1,427,250	1,071,998
Cost	$12,178,278	$6,784,792	$4,436,865
Hogs—			
Number	500,123	400,306	344,319
Cost	$15,089,841	$6,101,576	$4,339,254
All other materials, cost	$8,460,806	$5,820,830	$4,168,903
PRODUCTS.			
Total value	$92,554,164	$49,499,958	$33,953,277
Fresh meat, value	$54,992,434	$32,973,029	$22,830,452
Beef—			
Pounds	192,753,812	178,314,652	186,315,779
Value	$32,873,279	$19,928,654	$13,820,710
Veal—			
Pounds	11,741,785	4,063,441	12,077,330
Value	$2,230,552	$539,357	$1,104,753
Mutton and lamb—			
Pounds	45,057,992	59,522,015	44,220,813
Value	$10,319,275	$6,874,334	$4,215,624
Pork—			
Pounds	33,610,279	40,125,668	32,204,886
Value	$8,452,760	$5,232,060	$3,472,610
Edible offal and all other fresh meat—			
Pounds	10,491,408	6,038,635	3,435,527
Value	$1,116,568	$398,624	$216,755
Cured meat, value	$8,310,205	$4,677,022	$2,443,545
Beef, pickled and other cured—			
Pounds	1,805,077	2,486,621	1,455,480
Value	$452,982	$261,945	$137,792
Pork, pickled and other cured—			
Pounds	21,276,818	24,825,588	13,964,304
Value	$7,857,223	$4,415,077	$2,305,753
Sausage:			
Pounds	7,678,049	8,004,082	6,195,723
Value	$1,519,019	$1,159,846	$608,682
Lard:			
Pounds	7,889,888	5,715,249	6,644,167
Value	$2,220,627	$652,455	$839,623
Lard compounds and substitutes:			
Pounds	28,882,458	25,828,084	(1)
Value	$6,599,146	$2,261,377	(1)
Casings:			
Pounds	1,025,745	1,273,952	(1)
Value	$140,401	$109,384	(1)
Tallow, oleo stock, and stearin:			
Pounds	[2] 9,903,376	10,446,236	11,363,156
Value	[2] $1,209,468	$494,767	$604,712
Fertilizers and fertilizer materials:			
Tons	31,135	12,802	6,062
Value	$1,275,682	$450,681	$162,509
Hides and pelts:			
Cattle—			
Number	395,524	315,762	
Pounds	23,494,204	19,521,965	
Value	$6,442,563	$3,215,742	374,278
Calf—			21,134,504
Number	42,777	18,456	$2,710,097
Pounds	624,077	232,522	
Value	$258,641	$39,861	
Sheep—			
Number	1,083,297	1,406,831	1,070,801
Value	$3,008,331	$375,883	$742,098
Wool:			
Pounds	2,099,869	1,920,987	1,707,577
Value	$1,685,352	$513,006	$430,967
All other products, value	$4,892,295	$2,086,905	$2,580,592

[1] Not reported separately. [2] No oleo stock reported.

Flour-mill and gristmill products (Table 24).—During the five-year period 1914 to 1919 there was an increase of $41,369,617, or 171.8 per cent, in the total value of products for the industry in the state. Wheat flour was the product of chief value, forming 57 per cent of the total in 1919, as compared with 43 per cent in 1914. Feed and offal was second in importance at these two censuses, with 26.4 per cent of the total value in 1919, and 41.5 per cent in 1914. Large increases as a rule are noticeable in the values of the products shown, but the increases in quantities are much smaller; in the case of feed and offal there was an actual decrease in quantity during the five-year period of 20.1 per cent.

TABLE 24.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$65,448,352	$24,078,735	$25,188,133
Wheat flour:			
Barrels	3,383,303	1,783,007	1,805,248
Value	$37,296,512	$10,341,920	$10,375,701
Rye flour:			
Barrels	3,541	5,682	9,214
Value	$38,024	$32,204	$45,145
Buckwheat flour:			
Pounds	713,121	25,160	133,328
Value	$45,263	$786	$4,514
Barley meal:			
Pounds	19,599,133	3,098,678	60,000
Value	$769,973	$50,011	$2,034
Corn meal and corn flour:			
Barrels	113,250	93,165	50,969
Value	$1,064,460	$410,157	$222,399
Hominy and grits:			
Pounds	667,951	560,165	736,669
Value	$33,903	$13,310	$20,937
Oatmeal:			
Pounds	739,100	5,964,000	.....
Value	$36,955	$236,060	.....
Bran and middlings:			
Tons	129,859	80,165	416,074
Value	$6,662,593	$2,180,649	$12,518,441
Feed and offal:			
Tons	283,206	354,523	
Value	$17,268,767	$10,002,906	
Breakfast foods:			
Pounds	15,931,229	3,881,771	.....
Value	$980,864	$116,653	.....
All other cereal products, value	$608,353	$414,312	$618,623
All other products, value	$642,685	$279,767	$1,380,339

Butter, cheese, and condensed milk (Table 25).—During the five-year period 1914 to 1919, there was an increase of $35,953,955, or 175.7 per cent, in the total value of products for the industry in the state. Butter was the product of chief value in 1919, as in 1914, forming 64.2 per cent and 81 per cent, respectively, of the total for the industry. Much larger increases are shown for value of the several products than for quantities; in fact for one item, butter packed solid, there was a small decrease in quantity, notwithstanding an increase of more than 100 per cent in value.

TABLE 25.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$56,420,383	$20,466,428	$12,760,670
Butter:			
Pounds	61,140,390	58,259,665	37,283,450
Value	$36,195,810	$16,583,329	$11,644,453
Packed solid—			
Pounds	18,551,691	18,773,252	7,764,696
Value	$10,751,455	$5,239,215	$2,388,265
Prints or rolls—			
Pounds	42,588,699	39,486,413	29,518,754
Value	$25,444,355	$11,344,114	$9,256,188

TABLE 25.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
Cream sold:			
Pounds	7,473,734	6,122,772	2,674,825
Value	$3,287,750	$691,888	$411,473
Cheese:[1]			
Pounds	9,708,885	3,745,979	1,567,640
Value	$2,675,028	$583,501	$252,582
All other butter, cheese, and condensed milk, factory products, value[2]	$13,637,064	$2,498,132	$316,561
All other products, value	$624,731	$109,578	$135,601

[1] Includes "full cream," "part cream," and "other kinds" of cheese.
[2] Includes condensed and evaporated milk manufactured, skimmed milk sold, buttermilk sold, and casein and powdered milk manufactured.

Lumber and timber products (Table 26).—This table presents statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. The relative importance of California as a lumber producing state has been increasing. The state ranked ninth in the production of this commodity in 1919, twelfth in 1914, and eighteenth in 1909. The cut reported for 1919, however, decreased 3.4 per cent when compared with the cut for 1914.

The entire output of redwood lumber in the United States for 1919 was reported from California; 48.5 per cent of the white fir; and 96.6 per cent of the sugar pine. The average cut per mill of redwood was 12,437,636 feet, which is greater than the average cut reported for any other species.

The quantity of lumber sawed in California in1919 from each of the principal kinds of wood and the per cent each formed of the total were as follows: Western yellow pine 444,150,000 feet, or 35.3 per cent; redwood 410,442,000 feet, or 32.6 per cent; Douglas fir 141,327,000 feet, or 11.2 per cent; sugar pine 129,155,000 feet, or 10.3 per cent; white fir 108,374,000 feet, or 8.6 per cent; cedar 20,394,000 feet, or 1.6 per cent; and spruce 4,190,000 feet, or three-tenths of 1 per cent. Other species reported were hemlock, oak, and Port Orford cedar. The combined cut from these, however, was only one-tenth of 1 per cent of the total for the state.

TABLE 26.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY.[1]		
	1919	1914	1909
Lumber ... M feet b. m.	1,259,363	1,303,183	1,143,507
Lath ... thousands	53,042	(2)	32,615
Shingles ... thousands	191,831	(2)	574,342

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

Printing and publishing (Tables 27 and 28).—Table 27 gives the number of publications and aggregate circulation per issue of all newspapers and periodicals published in California as reported at the censuses of 1919, 1914, and 1909.

The aggregate circulation per issue of all publications increased by 149,938, or 3.7 per cent, during the five years from 1914 to 1919, and 1,210,766, or 40 per cent, during the decade. The greatest actual increase

in circulation from 1914 to 1919 is shown for Sunday newspapers—132,101, or 17 per cent. For the ten years the increase is 291,942, or 47.3 per cent.

The daily newspapers also show considerable growth, their aggregate circulation per issue increasing by 124,451, or 8.7 per cent, for the five-year period and 644,161, or 71.3 per cent, for the decade. Of the 168 dailies 110 with a circulation of 854,360, or 55.2 per cent of the total daily circulation, were issued in the afternoon. Their circulation increased by 65,874, or 8.4 per cent, from 1914 to 1919.

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	903	975	854	4,236,016	4,086,078	3,025,250
Daily	168	178	166	1,546,913	1,422,462	902,752
Sunday	46	37	36	908,858	776,757	616,916
Semiweekly [1]	33	40	37	36,622	39,209	44,856
Weekly	496	529	495	716,862	682,542	730,424
Semimonthly [2]	14	14	7	35,155	21,006	47,000
Monthly	132	166	105	876,878	1,122,367	619,900
Quarterly	9	6	4	107,528	15,010	60,277
All other classes [3]	5	5	4	7,200	6,725	3,125

[1] Includes in 1919, 8; in 1914, 5; and in 1909, 6 triweeklies.
[2] Includes 1 bimonthly publication in 1909.
[3] Includes in 1919, 5 bimonthly; in 1914, 2 bimonthly and 3 semiannual; and in 1909, 4 bimonthly publications.

The gain in the circulation of weeklies is due to the growth of agricultural and religious weeklies; the increase in circulation of quarterlies, to religious publications. Certain monthly publications went out of existence or changed their period of issue, while others reported a smaller circulation than in 1914.

The foreign-language publications numbered 72 in 1919, with a circulation of 355,650, or 8.4 per cent of the circulation of all publications in the state, compared with 5.9 per cent in 1914. Table 28 gives the number and circulation of these, by principal periods of issue, in comparison with publications in the English language, as reported at the censuses of 1919, 1914, and 1909.

The increase in the circulation of foreign-language publications for the five years from 1914 to 1919 is 114,559, or 47.5 per cent; for the ten years it is 221,086, or 164.3 per cent.

The newspapers and periodicals by language were as follows: Armenian, 4 with a circulation of 6,360; Chinese, 4 with a circulation of 76,950; French, 6 with a circulation of 12,299; German, 5 with a circulation of 11,643; Italian, 10 with a circulation of 51,400; Japanese, 12 with a circulation of 68,020; Portuguese, 7 with a circulation of 20,295; Spanish, 10 with a circulation of 87,898; Swedish, 3 with a circulation of 4,900; and Yiddish, 3 with a circulation of 4,500. Of the dailies, 6 were in Japanese, 4 in Chinese, 2 in French, 2 in Italian, and 1 each in German and Spanish. Besides the publications already enumerated, there was 1 weekly each in Croatian, Danish, Greek, Norwegian, and Serbian; 1 monthly publication each in English and Greek, English and Spanish, and English and Spanish and Japanese.

TABLE 28.—PRINTING AND PUBLISHING—CIRCULATION, ENGLISH AND FOREIGN: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	Census year.	TOTAL.		ENGLISH.		FOREIGN LANGUAGE.	
		Number.	Aggregate circulation per issue.	Number.	Aggregate circulation per issue.	Number.	Aggregate circulation per issue.
Total	1919	903	4,236,016	831	3,880,366	72	355,650
	1914	975	4,086,078	910	3,844,987	65	241,091
	1909	854	3,025,250	800	2,890,686	54	134,564
Daily	1919	168	1,546,913	152	1,395,927	16	150,986
	1914	178	1,422,462	162	1,340,807	16	81,655
	1909	166	902,752	153	854,119	13	48,633
Sunday	1919	46	908,858	38	852,726	8	56,132
	1914	37	776,757	31	733,921	6	42,836
	1909	36	616,916	32	592,913	4	24,003
Semiweekly [1]	1919	33	36,622	30	31,422	3	5,200
	1914	40	39,209	37	32,709	3	6,500
	1909	37	44,856	35	40,156	2	4,700
Weekly	1919	496	716,862	461	667,992	35	48,870
	1914	529	682,542	498	623,242	31	59,300
	1909	495	730,424	465	694,246	30	36,178
Monthly [2]	1919	146	912,033	136	817,571	10	94,462
	1914	180	1,143,373	171	1,092,573	9	50,800
	1909	112	666,900	107	645,850	5	21,050
Quarterly	1919	9	107,528	9	107,528	.....	.....
	1914	6	15,010	6	15,010	.....	.....
	1909	4	60,277	4	60,277	.....	.....
All other classes [3]	1919	5	7,200	5	7,200	.....	.....
	1914	5	6,725	5	6,725	.....	.....
	1909	4	3,125	4	3,125	.....	.....

[1] Includes, in 1919, 8 triweeklies in English; in 1914, 4 triweeklies in English and 1 in Russian; in 1909, 5 triweeklies in English and 1 in Italian.
[2] Includes, in 1919, 13 semimonthlies in English and 1 in Yiddish; in 1924, 12 in English and 1 each in Hungarian and Swedish; in 1909, 6 semimonthlies in English and 1 bimonthly in Armenian.
[3] Includes, in 1919, 5 bimonthlies; in 1914, 2 bimonthlies and 3 semiannual publications; in 1909, 4 bimonthlies, all in English.

Beet sugar (Table 29).—The total value of all products for the industry increased $10,825,428, or 69.7 per cent. The total quantity of beets treated decreased 407,281 tons, or 35.8 per cent, during this five-year period. Similarly the number of tons of sugar produced decreased 51,237 tons, or 29 per cent, and the number of gallons of molasses, 1,720,993, or 37.3 per cent. Notwithstanding these decreases in quantity, there was an increase in values—for sugar, $10,151,953, or 70.8 per cent, and for molasses, $120,834, or 46.4 per cent.

TABLE 29.—BEET SUGAR: 1919 AND 1914.

	1919	1914
Beets treated, tons	730,983	1,138,264
Products, total value	$26,354,094	$15,528,666
Sugar:		
Tons	125,194	176,431
Value	$24,495,988	$14,344,035
Molasses:		
Gallons	2,897,249	4,618,242
Value	$381,161	$260,327
Pulp:		
Dried, value	$1,142,347	$418,836
Moist, value	$187,531	$121,939
All other products, value	$147,067	$383,529

Leather, tanned, curried, and finished (Table 30).—This table shows the quantity and value of the chief products for 1919, 1914, and 1909.

TABLE 30.—LEATHER, TANNED, CURRIED, AND FINISHED: 1919, 1914, AND 1909.

PRODUCT.	1919	1914	1909
Total value	$21,416,302	$10,020,739	$9,366,545
Leather:			
Sole—			
Sides	683,420	402,780	472,236
Value	$8,702,496	$3,248,183	$3,100,226
Cattle side upper (other than patent)—			
Sides	406,230	290,866	24,268
Value	$3,027,052	$1,405,381	$83,776
Harness—			
Sides	253,268	269,728	383,264
Value	$3,473,741	$2,128,674	$2,571,122
Skirting and collar—			
Sides	138,950	[1] 133,654	([2])
Value	$2,127,956	$921,902	([2])
All other, value	$2,635,387	$1,284,097	$2,482,199
All other products, including amount received for "tanning, currying, and finishing for others," value	$1,449,670	$1,032,502	$1,129,222

[1] Skirting leather only; collar leather included in "all other."
[2] Figures not available.

The total value of products in 1919, as compared with 1914, shows an increase of $11,395,563, or 113.7 per cent. Sole leather is the leading product of the leather industry in the state. In 1919 it formed 40.6 per cent of the total value of products for the industry and increased by $5,454,313, or 167.9 per cent, as compared with 1914. The increase in quantity for the same period amounted to 280,640 sides, or 69.7 per cent. Cattle side upper, harness, collar, and skirting leather were other important leathers manufactured. Included in "all other" are varying quantities of belting, case, bag, and strap, fancy, finished splits, glove, horse, lace, latigo, rough, and upholstery leather.

Rice, cleaning and polishing (Table 31).—This table shows the quantity of rough rice treated and the quantity and value of products, by kinds, for the year 1919. The statistics cover the operations of all establishments engaged primarily in the milling of rice. The industry has had a remarkable growth since the census of 1914. The statistics, however, for that year can not be shown, since there were but two establishments, and to do so would disclose the operations of individual establishments. Among the rice-growing states California ranked second, being exceeded only by Louisiana in the value of this product in 1919.

TABLE 31.—RICE, CLEANING AND POLISHING: 1919.

	Quantity (pounds).	Value.
Rough rice treated	314,477,775	.....
PRODUCTS.		
Total value	.....	$20,264,263
Clean rice	219,945,498	19,345,892
Polish	7,023,586	165,442
Bran	24,670,037	357,647
All other	.....	395,282

Power laundries.—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 32, however, summarizes the statistics for such laundries in the state of California for 1919 and 1914.

TABLE 32.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, 1914–1919.
	1919	1914	
Number of establishments	586	532	10.2
Persons engaged	13,223	12,077	9.5
Proprietors and firm members	633	624	1.4
Salaried employees	1,326	1,037	27.9
Wage earners (average number)	11,264	10,416	8.1
Primary horsepower	15,537	13,503	15.1
Capital	$18,373,479	$9,618,271	91.0
Salaries and wages	11,422,446	7,297,235	56.5
Salaries	2,120,534	1,084,550	95.5
Wages	9,301,912	6,212,685	49.7
Paid for contract work	152,818	38,485	297.1
Rent and taxes	527,724	355,842	48.3
Cost of materials	4,582,096	2,262,195	102.6
Amount received for work done	22,912,606	13,948,738	64.3

Dyeing and cleaning (Table 33).—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 33.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	160
Persons engaged	2,123
Proprietors and firm members	205
Salaried employees	231
Wage earners (average number)	1,687
Primary horsepower	1,697
Capital	$2,025,673
Salaries and wages	1,955,453
Salaries	336,454
Wages	1,618,999
Paid for contract work	29,348
Rent and taxes	103,336
Cost of materials	799,908
Amount received for work done	4,382,289

Custom gristmills.—Statistics for custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914. Table 34, however, summarizes the statistics for such mills for 1919 and 1909. The value of products for custom gristmills represents the selling value of the grain milled.

TABLE 34.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase.[1] 1909–1919.
	1919	1909	
Number of establishments	7	12	.....
Persons engaged	13	28	.....
Proprietors and firm members	5	9	.....
Salaried employees	1	4	.....
Wage earners (average number)	7	15	.....
Primary horsepower	122	518	−76.4
Capital	$70,100	$65,411	7.2
Salaries and wages	7,535	11,663	−35.4
Salaries	200	1,570	−87.3
Wages	7,335	10,093	−27.3
Rent and taxes	1,149	2,373	−51.6
Cost of materials [2]	149,914	503,559	−70.2
Value of products [2]	181,612	572,597	−68.3

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

GENERAL TABLES.

Table 35 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 Berkeley, Los Angeles, Oakland, Sacramento, and San Francisco; and for Long Beach and San Diego 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 36 presents, for 1919, for the state as a whole and for Berkeley, Long Beach, Los Angeles, Oakland, Sacramento, San Diego, and San Francisco, 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 35.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	11,942	243,692	766,016	305,207	1,218,859	1,981,205
	1914	10,057	139,481	491,025	105,613	447,475	712,801
	1909	7,659	115,296	329,100	84,142	325,238	529,761
Agricultural implements	1919	34	1,578	4,608	1,966	3,717	9,490
	1914	28	704	1,533	566	900	1,962
	1909	25	622	1,186	451	1,441	2,670
Artificial stone products	1919	114	608	842	716	855	2,254
	1914	94	466	355	366	471	1,187
	1909	66	320	247	239	220	643
Automobiles, including bodies and parts.	1919	265	3,008	3,313	4,065	30,318	44,362
	1914	98	731	1,457	600	1,234	2,459
	1909	41	478	305	368	700	1,470
Awnings, tents, and sails	1919	47	327	216	379	1,750	2,866
	1914	50	244	182	169	710	1,124
	1909	27	134	85	89	315	595
Babbitt metal and solder	1919	7	111	251	147	2,780	3,349
	1914	5	33	85	28	453	641
	1909	5	52	91	40	847	1,120
Baskets, and rattan and willow ware.	1919	10	125	291	113	347	571
	1914	16	173	287	85	297	452
	1909	14	219	104	95	180	357
Belting, leather	1919	7	80	261	82	739	1,083
	1914	6	26	47	24	170	257
	1909	5	33	37	26	182	291
Boots and shoes	1919	14	616	381	542	1,969	3,247
	1914	16	617	475	396	1,253	1,891
	1909	18	695	369	402	1,120	1,924
Boxes, paper and other, not elsewhere specified.	1919	31	1,253	1,315	1,011	2,671	4,988
	1914	23	753	484	371	707	1,451
	1909	19	624	405	271	442	965
Brass, bronze, and copper products.	1919	45	492	840	754	1,818	3,316
	1914	36	247	400	230	487	951
	1909	29	195	261	181	295	679
Bread and other bakery products.	1919	1,095	5,394	6,090	6,915	31,300	48,957
	1914	1,117	4,851	3,585	3,859	12,236	21,855
	1909	864	4,018	2,517	3,075	10,377	17,710
Brick, tile, pottery, and other clay products.	1919	70	2,043	12,104	2,223	2,083	6,061
	1914	[1] 85	2,571	13,186	1,899	1,473	4,751
	1909	104	2,730	11,828	1,787	1,457	4,553
Brooms	1919	23	151	102	167	459	768
	1914	19	131	75	72	174	296
	1909	16	155	52	84	231	388
Butter, cheese, and condensed milk.	1919	180	2,022	7,186	2,382	49,671	56,420
	1914	201	1,044	4,694	896	17,974	20,466
	1909	161	597	2,496	466	11,140	12,761
Canning and preserving [2]	1919	444	24,283	28,930	22,060	146,360	219,279
	1914	289	12,756	10,592	5,486	45,694	61,163
	1909	196	7,757	7,453	3,454	24,009	32,915
Cars and general shop construction and repairs by electric-railroad companies.	1919	22	1,731	4,307	2,067	1,804	4,053
	1914	27	2,086	3,981	1,609	1,522	3,284
	1909	21	1,902	2,055	1,676	1,152	3,009
Cars and general shop construction and repairs by steam-railroad companies.	1919	60	16,213	15,598	24,070	15,761	41,927
	1914	39	11,563	15,262	9,616	7,005	17,200
	1909	42	9,342	7,877	8,394	9,549	18,719
Cement	1919	8	1,316	40,544	1,884	4,114	11,258
	1914	7	2,420	46,550	1,759	3,381	7,699
	1909	8	2,407	28,892	1,650	2,182	6,504
Chemicals	1919	49	1,466	15,980	1,974	6,131	10,539
	1914	20	257	1,521	184	933	1,524
	1909	13	244	1,308	168	762	1,306
Cleansing and polishing preparations.	1919	35	40	69	42	428	701
	1914	16	26	28	16	95	232
Clothing, men's, including shirts.	1919	80	2,941	846	2,211	8,709	13,578
	1914	96	2,468	596	1,244	2,956	5,564
	1909	74	2,385	540	1,050	2,895	5,121
Clothing, women's	1919	165	3,124	629	2,638	8,529	14,246
	1914	86	1,060	222	611	1,381	2,733
	1909	64	791	137	350	876	1,672
Coffee and spice, roasting and grinding.	1919	70	796	2,408	704	19,881	26,311
	1914	43	464	1,332	309	7,459	9,584
	1909	44	352	1,123	245	4,617	6,492
Coffins, burial cases, and undertakers' goods.	1919	14	243	425	292	769	1,543
	1914	10	149	248	111	389	616
	1909	7	102	221	67	241	437
Confectionery and ice cream [3]	1919	302	4,214	5,895	3,351	14,397	25,036
	1914	183	2,104	2,220	1,112	4,354	7,645
Cooperage and wooden goods, not elsewhere specified.	1919	31	461	870	621	2,754	4,372
	1914	36	352	1,300	277	1,674	2,338
	1909	38	416	1,192	323	1,579	2,167
Copper, tin, and sheet-iron work.	1919	322	1,462	1,186	1,953	3,240	7,160
	1914	354	1,246	904	1,221	2,195	4,595
	1909	224	1,398	784	1,346	2,232	4,672
Cordials and flavoring sirups.	1919	9	27	34	25	951	1,292
	1914	8	22	52	16	247	471
	1909	7	14	.....	12	64	179
Dairymen's, poultrymen's, and apiarists' supplies.	1919	20	97	372	102	436	669
	1914	10	62	142	43	128	252
	1909	11	63	76	45	257	415
Electrical machinery, apparatus, and supplies.	1919	73	2,008	3,864	1,894	5,030	11,368
	1914	29	780	1,116	472	1,560	2,862
	1909	27	435	442	240	928	1,613
Fancy articles, not elsewhere specified.	1919	26	240	131	170	289	702
	1914	28	226	54	86	120	372
	1909	9	22	39	12	9	43
Fertilizers	1919	17	234	2,423	317	2,532	3,610
	1914	16	196	1,586	158	1,860	2,331
	1909	15	226	1,579	155	1,796	2,313
Flavoring extracts	1919	20	138	77	90	949	1,437
	1914	23	69	117	37	217	439
	1909	17	48	44	30	181	315
Flour-mill and gristmill products.	1919	134	1,779	16,866	2,229	56,883	65,448
	1914	132	1,067	13,374	812	19,504	24,079
	1909	125	948	11,545	732	21,892	25,188
Food preparations, not elsewhere specified.	1919	172	1,049	6,002	1,076	12,253	16,633
	1914	181	938	3,622	549	6,058	8,011
	1909	129	716	1,959	406	3,970	5,508
Foundry and machine-shop products. [4]	1919	2,430	19,853	48,864	27,489	43,061	100,278
	1914	1,097	9,747	23,620	8,827	14,282	31,732
	1909	543	8,377	17,253	7,312	12,901	26,731
Fur goods	1919	33	325	69	412	1,372	2,515
	1914	19	126	23	94	200	509
	1909	8	84	12	75	117	302
Furnishing goods, men's	1919	8	263	24	205	1,298	2,205
	1914	10	233	68	117	441	850
	1909	11	134	16	67	457	721
Furniture and refrigerators	1919	184	2,957	6,097	3,711	6,609	14,141
	1914	162	1,620	3,557	1,446	1,895	4,563
	1909	129	1,653	2,333	1,507	1,858	4,496
Gas and electric fixtures and lamps and reflectors.	1919	34	360	468	406	1,121	2,210
	1914	56	463	1,006	363	713	1,554
	1909	41	553	540	446	750	1,715
Gas, illuminating and heating.	1919	57	2,444	24,545	2,754	8,000	20,441
	1914	66	2,317	22,054	2,023	3,422	13,578
	1909	74	1,666	7,502	1,408	2,604	8,927
Glass, cutting, staining, and ornamenting.	1919	37	134	132	207	713	1,313
	1914	38	147	143	130	252	551
	1909	28	200	103	174	204	560
Gloves and mittens, leather	1919	27	665	138	561	856	2,049
	1914	24	422	58	203	458	951
	1909	23	570	58	267	558	1,231
Grease and tallow, not including lubricating greases.	1919	19	163	894	202	1,692	2,427
	1914	9	66	338	59	319	438
	1909	7	47	133	40	254	364
Hand stamps	1919	20	105	97	126	169	543
	1914	20	102	85	75	85	335
	1909	14	83	72	73	70	272

[1] Includes "sand-lime brick."
[2] Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; and "pickles, preserves, and sauces" in all years; and "canning and preserving, oysters," in 1914 and 1909.
[3] Includes "chewing gum."
[4] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "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; "iron and steel, cast-iron pipe," in 1919; and "hardware, saddlery," in 1914 and 1909.

TABLE 35.—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.)
Hats and caps, other than felt, straw, and wool.	1919	30	222	49	238	618	1,174
	1914	15	97	69	64	117	274
	1909	8	43	7	25	46	103
Hats, fur-felt	1919	6	69	21	83	398	558
	1914	6	58	16	39	92	157
Ice, manufactured	1919	117	1,535	32,113	1,955	2,202	7,112
	1914	95	1,139	20,411	982	926	3,587
	1909	77	666	9,971	572	564	2,331
Iron and steel, steel works and rolling mills.	1919	8	3,476	22,838	6,359	9,509	18,192
	1914	7	1,244	6,833	1,059	2,673	4,214
	1909	5	1,038	3,945	829	2,348	3,520
Iron and steel, forgings, not made in steel works or rolling mills.	1919	7	224	375	335	836	1,511
	1914	4	35	379	34	54	121
	1909	3	36	35	36	69	136
Iron and steel, wrought pipe	1919	16	687	1,360	936	2,013	5,024
	1914	7	343	958	266	818	1,477
	1909	4	160	386	156	532	856
Jewelry	1919	88	650	648	952	856	2,555
	1914	98	627	575	553	501	1,519
	1909	58	574	324	477	664	1,557
Knit goods	1919	21	695	267	496	1,517	2,878
	1914	16	405	146	197	424	902
	1909	6	268	44	112	200	452
Leather goods [1]	1919	102	627	432	666	1,011	3,425
	1914	157	613	395	424	1,448	2,777
	1909	88	710	321	458	1,101	2,244
Leather, tanned, curried, and finished.	1919	21	1,453	5,714	1,897	16,472	21,416
	1914	29	1,361	3,676	1,007	7,858	10,021
	1909	40	1,398	3,534	988	7,039	9,367
Lime	1919	8	159	345	170	281	564
	1914	7	213	220	130	116	316
	1909	15	410	558	234	212	609
Liquors, distilled	1919	3	234	5,969	329	2,443	3,968
	1914	13	112	698	99	959	3,050
	1909	33	193	1,360	128	835	5,353
Liquors, malt	1919	20	935	8,452	1,544	3,225	11,419
	1914	69	1,512	9,781	1,773	3,780	12,460
	1909	83	1,296	8,867	1,391	2,559	9,319
Liquors, vinous	1919	287	600	4,310	576	3,915	9,142
	1914	202	1,602	7,873	817	6,829	11,300
	1909	181	1,287	5,314	682	4,674	8,937
Looking-glass and picture frames.	1919	33	182	122	205	245	707
	1914	27	155	51	129	172	474
	1909	16	110	57	95	196	419
Lumber and timber products.[2]	1919	577	24,889	109,757	32,497	44,622	99,299
	1914	632	22,438	105,981	17,164	25,622	52,860
	1909	644	22,935	94,914	15,651	18,369	45,000
Marble and stone work	1919	128	530	3,876	732	1,061	2,830
	1914	143	1,294	4,131	1,231	1,509	3,633
	1909	128	1,415	3,562	1,241	1,183	3,380
Mattresses and spring beds, not elsewhere specified.	1919	49	609	1,170	665	2,486	4,157
	1914	49	654	1,479	490	1,419	2,448
	1909	35	528	727	361	1,243	2,164
Millinery and lace goods, not elsewhere specified.	1919	67	1,041	188	764	2,117	3,902
	1914	42	405	142	230	544	1,128
	1909	23	166	110	90	218	413
Mineral and soda waters	1919	195	468	1,617	547	1,713	3,518
	1914	175	363	847	291	490	1,391
	1909	154	349	640	274	504	1,422
Minerals and earths, ground or otherwise treated.	1919	13	232	2,562	286	199	607
	1914	9	179	913	152	214	459
Models and patterns, not including paper patterns.	1919	45	148	333	225	116	525
	1914	40	102	359	74	50	231
	1909	26	93	193	78	52	195
Optical goods	1919	26	127	85	140	180	550
	1914	16	75	43	69	192	448
	1909	6	32	14	24	60	138
Paints and varnishes	1919	46	737	3,734	931	7,682	11,846
	1914	38	392	1,587	310	2,873	4,082
	1909	35	396	1,387	275	2,652	3,758
Paper goods, not elsewhere specified.[3]	1919	8	490	418	420	1,230	2,262
	1914	9	206	154	109	267	554
	1909	8	101	86	58	101	224
Patent medicines and compounds and druggists' preparations.[4]	1919	137	577	723	507	1,946	4,151
	1914	126	328	598	180	1,187	2,496
	1909	89	310	347	148	639	1,549
Paving materials	1919	26	445	11,497	583	739	1,841
	1914	41	1,167	12,868	956	2,501	4,513
Petroleum, refining	1919	45	5,132	60,307	8,179	141,877	213,292
	1914	38	1,930	22,309	1,716	38,170	55,528
	1909	29	930	5,630	801	13,898	17,878
Photo-engraving	1919	26	159	164	248	185	809
	1914	28	201	236	230	79	575
	1909	20	190	119	196	63	445
Printing and publishing [5]	1919	1,504	10,047	14,696	12,059	20,340	61,815
	1914	1,543	8,759	14,053	7,772	9,709	34,775
	1909	1,240	7,556	7,674	6,432	6,327	25,032
Roofing materials	1919	9	506	5,500	641	2,709	4,568
	1914	9	306	1,115	223	1,456	2,378
	1909	5	161	1,138	117	1,064	1,833
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	20	513	1,770	520	1,998	4,941
	1914	11	226	1,180	172	479	905
	1909	5	74	209	61	169	323
Salt	1919	24	445	2,976	537	1,084	2,286
	1914	22	347	2,079	262	397	1,215
	1909	19	402	1,228	212	242	746
Shipbuilding, including boat building.	1919	67	47,530	64,631	66,882	76,629	185,882
	1914	52	3,457	4,697	3,196	3,487	8,104
	1909	43	1,844	3,129	1,592	1,237	4,132
Signs and advertising novelties.	1919	32	239	85	312	362	1,076
	1914	41	166	79	147	166	442
	1909	8	47	24	46	32	119
Slaughtering and meat packing.[6]	1919	130	3,579	13,810	4,388	78,763	94,450
	1914	108	2,220	7,189	1,811	41,301	50,012
	1909	94	1,641	3,867	1,307	28,448	34,280
Soap	1919	27	608	1,520	610	8,312	11,295
	1914	25	244	724	191	2,018	2,968
	1909	23	166	477	115	1,117	1,576
Springs, steel, car and carriage, not made in steel works or rolling mills.	1919	10	151	262	230	404	922
	1914	11	80	131	71	93	281
Stamped and enameled ware, not elsewhere specified.	1919	8	254	666	315	741	1,379
	1914	5	139	445	101	139	305
Steam packing	1919	8	171	1,385	198	461	916
	1914	5	19	63	15	57	89
Stoves and hot-air furnaces, including gas and oil stoves.	1919	42	470	600	680	1,189	2,825
	1914	27	334	228	300	344	863
	1909	17	215	152	174	206	514
Sugar, beet	1919	10	1,512	27,155	2,246	14,154	26,354
	1914	12	2,009	22,868	1,675	10,065	15,529
Tobacco, cigars and cigarettes.	1919	244	1,677	398	1,470	4,798	10,767
	1914	363	1,507	76	926	1,372	3,988
	1909	332	1,465	71	857	1,217	3,360
Vinegar and cider	1919	12	97	279	95	292	662
	1914	13	50	189	31	138	288
	1909	14	50	232	29	102	207
Wall plaster and composition flooring.	1919	13	210	690	249	594	1,257
	1914	8	88	1,386	66	130	230
Window shades and fixtures	1919	35	96	150	111	617	1,068
	1914	27	72	59	55	393	594
	1909	16	66	78	50	285	486
Wirework, including wire rope and cable, not elsewhere specified.	1919	26	320	1,828	409	2,967	4,860
	1914	20	200	1,247	146	906	1,361
	1909	20	231	951	137	987	1,548
All other industries	1919	702	18,945	81,525	22,485	242,283	307,627
	1914	689	11,863	46,873	9,052	103,603	127,681
	1909	666	11,937	52,146	8,335	95,873	123,803

[1] Includes "saddlery and harness" and "trunks and valises" in all years; and "pocketbooks" in 1919 and 1909.
[2] Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens."
[3] Includes "cardboard, not made in paper mills," and "envelopes."
[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."

TABLE 35.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
BERKELEY All industries.	1919	113	2,319	7,506	2,694	19,492	28,331
	1914	95	1,328	3,503	1,054	4,769	7,321
	1909	84	1,084	2,433	840	2,687	4,435
Bread and other bakery products.	1919	23	132	141	203	830	1,213
	1914	16	86	151	78	292	473
Foundry and machine-shop products.[1]	1919	14	403	2,910	681	1,657	3,288
	1914	11	307	563	289	573	1,102
Printing and publishing	1919	20	83	83	132	123	472
	1914	[2] 18	70	61	79	80	256
All other industries	1919	56	1,641	4,372	1,678	16,882	23,358
	1914	50	805	2,728	608	3,824	5,490
LONG BEACH All industries.[3]	1919	128	3,769	5,140	4,683	6,074	14,383
	1914	94	885	2,999	606	1,546	2,945
	1909	51	277	1,450	207	498	927
LOS ANGELES All industries.	1919	2,540	47,118	97,282	55,111	159,819	278,184
	1914	1,911	23,744	64,665	18,277	58,941	103,458
	1909	1,325	17,327	33,166	12,588	38,913	68,586
Artificial stone products	1919	15	88	178	126	132	357
	1914	16	117	48	93	123	323
	1909	8	80	15	66	31	147
Automobiles, including bodies and parts.	1919	108	1,341	1,267	1,740	3,357	7,272
	1914	45	378	367	307	626	1,275
Awnings, tents, and sails	1919	13	113	65	108	570	831
	1914	12	88	55	54	263	397
	1909	6	29	25	19	165	258
Boxes, set-up paper boxes and shipping containers.	1919	7	443	402	361	1,024	1,763
	1914	6	253	189	127	251	478
Brass, bronze, and copper products.	1919	17	202	239	282	886	1,452
	1914	13	86	157	70	162	335
	1909	8	55	99	46	60	192
Bread and other bakery products.	1919	170	1,179	1,162	1,325	6,937	10,492
	1914	177	1,079	721	848	2,729	4,815
	1909	159	1,106	901	702	2,870	4,670
Brick and tile, terra-cotta, and fire-clay products.	1919	11	561	2,751	542	642	1,619
	1914	9	469	2,203	318	338	915
	1909	8	391	1,451	215	233	658
Brooms, from broom corn	1919	3	29	26	41	93	162
	1914	5	41	33	25	55	89
	1909	4	47	16	25	79	136
Canning and preserving [4]	1919	63	2,365	3,810	1,721	8,580	13,064
	1914	34	883	864	386	1,878	3,030
	1909	21	409	471	175	771	1,255
Cars and general shop construction and repairs by steam-railroad companies.	1919	4	4,145	2,869	6,112	3,849	10,514
	1914	4	2,656	2,425	2,248	1,537	3,942
	1909	4	1,887	1,083	1,632	1,601	3,362
Cleansing and polishing preparations.	1919	17	21	47	19	289	450
	1914	8	6	11	3	74	148
Clothing, men's, including shirts.	1919	29	1,017	200	778	2,310	3,610
	1914	38	725	156	386	657	1,359
	1909	15	452	99	186	486	822
Clothing, women's	1919	80	1,938	384	1,633	5,105	8,386
	1914	27	331	82	204	442	928
	1909	12	161	42	72	154	321
Coffee, roasting and grinding	1919	26	128	442	109	2,732	3,578
	1914	10	93	277	62	1,345	1,811
	1909	11	90	241	67	802	1,150
Confectionery and ice cream	1919	58	1,635	1,739	1,260	5,726	9,799
	1914	53	697	928	403	1,562	2,727
Copper, tin, and sheet-iron products.[5]	1919	70	646	616	701	2,896	4,393
	1914	69	408	342	313	876	1,551
	1909	53	352	147	250	611	1,124
Dairymen's, poultrymen's, and apiarists' supplies.	1919	7	50	239	41	204	305
	1914	3	13	64	8	24	50
LOS ANGELES—Con.							
Electrical machinery, apparatus, and supplies.	1919	29	268	892	282	1,109	1,981
	1914	16	92	114	73	120	306
	1909	12	79	104	52	97	211
Electroplating	1919	10	80	147	100	26	204
	1914	9	33	103	25	11	66
Fancy articles, not elsewhere specified.	1919	14	116	55	100	115	327
	1914	19	146	31	55	95	247
	1909	9	23	50	14	9	43
Flour-mill and gristmill products.	1919	9	352	2,910	444	11,949	13,792
	1914	8	168	2,194	135	4,257	5,176
	1909	7	135	1,260	95	4,830	5,347
Food preparations, not elsewhere specified.	1919	35	300	1,005	227	1,612	2,255
	1914	38	150	417	78	495	826
	1909	22	131	236	63	376	580
Foundry and machine-shop products.[6]	1919	474	4,961	13,349	6,432	10,916	24,695
	1914	214	2,830	6,972	2,399	4,722	9,712
	1909	113	2,422	3,852	1,897	3,755	7,777
Furniture and refrigerators	1919	[7] 73	1,453	2,431	1,554	2,678	5,897
	1914	44	469	664	395	424	1,096
	1909	42	380	584	310	354	941
Glass, cutting, staining, and ornamenting.	1919	14	54	60	79	355	629
	1914	10	60	66	58	111	221
	1909	9	83	63	68	86	234
Gloves and mittens, leather	1919	3	61	9	53	94	218
	1914	3	12	5	7	11	25
Hand stamps	1919	6	37	46	51	80	249
	1914	4	40	43	22	34	138
	1909	3	22	18	17	22	92
Ice, manufactured	1919	12	477	7,202	546	576	1,772
	1914	10	433	5,241	364	238	982
	1909	6	272	2,206	224	142	765
Jewelry	1919	33	206	97	277	271	877
	1914	30	150	71	127	109	369
	1909	16	72	37	55	102	246
Leather goods [8]	1919	30	202	105	200	740	1,256
	1914	36	212	52	129	715	1,104
	1909	32	215	70	117	402	757
Liquors, malt	1919	3	245	1,570	373	400	1,958
	1914	3	329	1,806	394	612	3,027
	1909	4	242	1,682	258	362	1,457
Looking-glass and picture frames.	1919	13	55	24	57	81	238
	1914	6	18	9	15	22	54
	1909	6	35	14	28	95	170
Lumber and timber products [9]	1919	58	1,460	8,897	1,683	6,964	10,612
	1914	63	1,680	9,272	1,399	6,159	9,269
	1909	61	1,558	6,207	1,108	3,529	5,684
Marble and stone work	1919	18	94	543	140	201	455
	1914	16	228	1,047	210	232	570
	1909	14	75	258	72	116	257
Mattresses and spring beds, not elsewhere specified.	1919	14	231	398	247	936	1,463
	1914	13	269	384	195	561	917
	1909	11	168	187	115	495	787
Millinery and lace goods, not elsewhere specified.	1919	31	429	60	317	659	1,339
	1914	13	109	21	50	97	217
Mineral and carbonated waters	1919	18	57	133	65	151	309
	1914	16	37	123	29	68	167
	1909	6	19	39	15	40	87
Models and patterns, not including paper patterns.	1919	18	69	135	107	61	239
	1914	16	44	58	30	21	95
	1909	6	13	33	7	6	28
Optical goods	1919	8	72	42	74	85	298
	1914	4	31	17	27	54	138
Patent medicines and compounds and druggists' preparations.[10]	1919	57	112	80	81	325	725
	1914	45	69	203	33	112	337
	1909	35	91	62	43	140	337

[1] Includes "automobile repairing" and "pumps, steam," in both years; and "engines, steam, gas, and water," and "structural ironwork, not made in steel works or rolling mills," in 1919.
[2] Includes "bookbinding and blank-book making."
[3] Comparative statistics by industries for 1914 and 1909 not available.
[4] Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; and "pickles, preserves, and sauces."
[5] Includes "tinware, not elsewhere specified," in all years; and "stamped and enameled ware, not elsewhere specified," in 1919.
[6] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas and water meters"; "hardware"; "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"; and "structural ironwork, not made in steel works or rolling mills."
[7] Excludes statistics for 3 establishments manufacturing "refrigerators," to avoid disclosure of individual operations.
[8] Includes "pocketbooks"; "saddlery and harness"; and "trunks and valises."
[9] Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills", in all years; and "window and door screens" in 1919 and 1914.
[10] Includes "perfumery and cosmetics."

TABLE 35.—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.)
LOS ANGELES—Con.							
Petroleum, refining	1919	8	155	246	211	3,959	5,614
	1914	7	60	329	58	894	1,146
	1909	10	100	430	82	1,135	1,406
Photo-engraving	1919	8	60	56	99	51	292
	1914	11	102	139	109	34	281
	1909	7	74	63	70	22	165
Printing and publishing [1]	1919	339	2,936	4,275	3,209	6,921	17,333
	1914	299	2,187	3,376	1,979	2,851	9,647
	1909	234	1,537	1,220	1,188	1,619	5,192
Shipbuilding, wooden, new vessels.	1919	5	233	592	357	229	718
	1914	6	48	182	44	109	182
	1909	5	33	43	27	41	101
Show cases	1919	4	68	94	83	142	270
	1914	3	12	41	8	19	37
Signs and advertising novelties.	1919	15	140	65	164	197	538
	1914	15	70	32	59	80	194
Slaughtering and meat packing.[2]	1919	8	1,374	2,518	1,400	21,694	25,125
	1914	6	810	2,741	596	12,530	14,018
	1909	6	507	747	324	5,946	7,464
Statuary and art goods	1919	15	43	3	62	39	147
	1914	8	32	1	30	15	74
	1909	5	14	.....	15	5	32
Stoves, gas and oil	1919	18	50	41	61	148	329
	1914	6	19	12	16	21	64
Tobacco, cigars and cigarettes.	1919	36	301	25	263	573	1,142
	1914	38	192	.....	125	144	397
	1909	33	176	.....	91	134	344
Tools, not elsewhere specified.	1919	10	62	159	81	82	244
	1914	4	10	19	8	11	31
	1909	7	10	14	8	8	27
Wirework, including wire rope and cable, not elsewhere specified.	1919	9	45	227	51	393	624
	1914	6	32	163	24	117	174
	1909	5	14	120	10	31	55
All other industries	1919	387	14,359	32,355	18,682	39,675	75,973
	1914	337	4,238	19,795	3,117	9,894	17,986
	1909	290	3,768	8,977	2,760	7,151	13,905
OAKLAND All industries.	1919	593	23,347	50,040	31,579	63,977	134,755
	1914	573	7,706	18,950	5,966	14,999	28,522
	1909	441	6,905	13,683	5,317	11,847	22,343
Automobile bodies and parts	1919	11	65	39	93	125	290
	1914	8	33	198	29	53	126
Brass, bronze, and copper products.	1919	6	80	167	126	354	630
	1914	6	37	64	33	109	183
Bread and other bakery products.	1919	68	337	420	455	1,868	2,775
	1914	69	348	336	274	828	1,494
	1909	57	312	203	254	835	1,420
Butter	1919	3	14	120	18	339	414
	1914	6	37	139	30	584	693
	1909	4	53	56	36	637	742
Canning and preserving [3]	1919	6	1,044	1,000	1,219	7,008	11,285
	1914	9	738	575	407	2,158	3,306
	1909	9	425	166	173	674	1,040
Confectionery	1919	12	142	190	114	540	878
	1914	5	160	91	60	180	295
	1909	6	72	8	36	107	222
Copper, tin, and sheet-iron products.[4]	1919	15	79	115	133	257	442
	1914	25	66	38	69	115	252
	1909	12	55	52	52	81	180
OAKLAND—Con.							
Food preparations, not elsewhere specified.	1919	9	84	384	86	490	979
	1914	8	32	65	18	75	140
	1909	6	28	41	19	133	214
Foundry and machine-shop products.[5]	1919	119	1,493	3,105	2,097	3,452	6,925
	1914	72	775	1,741	701	1,284	2,538
	1909	44	747	993	681	666	1,824
Furniture	1919	12	119	84	150	245	534
	1914	9	120	111	98	112	341
Gloves and mittens, leather	1919	6	70	12	74	136	291
	1914	5	65	13	33	84	170
Lumber and timber products[6]	1919	21	1,445	5,337	1,863	6,640	9,790
	1914	27	832	3,859	768	2,014	3,197
	1909	31	808	3,421	702	1,198	2,183
Mattresses and spring beds, not elsewhere specified.	1919	6	32	86	40	119	211
	1914	5	26	42	17	43	85
Mineral and soda waters	1919	5	27	41	31	126	240
	1914	3	26	13	28	56	133
	1909	4	28	11	26	40	118
Patent medicines and compounds.	1919	5	17	8	15	91	200
	1914	10	16	32	10	45	160
Printing and publishing [7]	1919	70	356	608	479	751	3,192
	1914	90	272	434	249	357	1,478
	1909	70	331	540	357	255	1,292
Window shades and fixtures	1919	6	15	9	17	85	161
	1914	3	7	.....	4	29	40
	1909	4	16	1	13	49	77
All other industries	1919	213	17,928	38,315	24,569	41,351	95,518
	1914	213	4,116	11,199	3,138	6,873	13,891
	1909	194	4,030	8,191	2,968	7,172	13,031
SACRAMENTO All industries.	1919	304	6,341	16,013	8,336	17,811	34,199
	1914	236	5,334	13,909	4,163	9,050	16,383
	1909	212	4,521	8,567	3,924	6,902	14,006
Bread and other bakery products.	1919	35	153	137	213	926	1,426
	1914	31	134	81	118	343	587
	1909	28	139	83	115	322	563
Canning and preserving [8]	1919	9	1,296	915	1,262	3,165	8,077
	1914	7	552	452	329	1,314	2,016
	1909	7	235	190	116	527	960
Coffee, roasting and grinding	1919	7	12	30	10	286	347
	1914	4	10	47	8	109	161
	1909	5	11	37	7	66	103
Copper, tin, and sheet-iron work.	1919	10	55	26	90	138	323
	1914	9	30	8	35	56	133
	1909	5	42	52	40	62	178
Food preparations, not elsewhere specified.	1919	8	21	93	12	92	117
	1914	5	7	19	4	23	37
	1909	10	23	23	11	37	66
Foundry and machine-shop products.[9]	1919	83	300	651	466	337	1,184
	1914	31	111	232	104	120	325
	1909	12	93	137	81	78	225
Lumber, planing-mill products, not including planing mills connected with sawmills.[10]	1919	12	84	641	113	171	359
	1914	11	137	785	123	208	403
	1909	11	203	540	162	206	472
Mineral and soda waters	1919	4	28	86	33	88	185
	1914	6	19	39	11	22	63
	1909	8	25	85	18	33	106
Printing and publishing [11]	1919	25	178	382	280	292	1,377
	1914	31	268	425	240	263	1,066
	1909	28	233	307	229	167	786

[1] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing," in all years; and "lithographing" in 1914 and 1909.
[2] Includes "sausage, not made in slaughtering and meat-packing establishments."
[3] Includes "canning and preserving, fruits," in all years; and "pickles, preserves, and sauces," in 1914 and 1909.
[4] Includes "stamped and enameled ware, not elsewhere specified," and "tinware, not elsewhere specified," in 1914.
[5] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines"; "iron and steel, welding"; and "structural ironwork, not made in steel works or rolling mills," in all years; "hardware" in 1919 and 1909; "pumps, steam and other power," and "steam fittings and steam and hot-water heating apparatus," in 1914; "plumbers' supplies, not elsewhere specified," in 1914 and 1909; and "hardware, saddlery," in 1909.
[6] Includes "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; and "boxes, wooden packing, except cigar boxes," in 1914 and 1909.
[7] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."
[8] Includes "canning and preserving, fruits and vegetables," and "pickles and sauces."
[9] Includes "automobile repairing"; "iron and steel, welding"; and "structural ironwork, not made in steel works or rolling mills," in all years; and "hardware, saddlery," and "plumbers' supplies, not elsewhere specified," in 1914.
[10] Includes "boxes, wooden packing, except cigar boxes," in 1914 and 1909.
[11] Includes "bookbinding and blank-book making" in 1914 and 1909.

TABLE 35.—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.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
SACRAMENTO—Con.							
Tobacco, cigars	1919	11	48	1	53	73	175
	1914	14	75	.....	61	70	173
	1909	17	82	.....	51	67	173
All other industries	1919	100	4,166	13,051	5,804	12,243	20,629
	1914	87	3,991	11,821	3,130	6,522	11,419
	1909	81	3,435	7,113	3,094	5,337	10,374
SAN DIEGO All industries.[1]	1919	266	3,427	9,458	3,609	11,013	20,226
	1914	257	2,060	6,754	1,569	4,582	9,021
	1909	117	1,071	3,269	806	2,667	4,741
SAN FRANCISCO All industries.	1919	2,360	48,550	99,748	59,704	261,418	417,321
	1914	2,334	31,758	61,818	25,289	97,040	162,300
	1909	1,736	28,244	49,934	22,381	76,217	133,041
Artificial stone products	1919	7	34	60	50	54	144
	1914	11	56	87	54	77	154
	1909	10	68	26	61	50	151
Automobiles, including bodies and parts.	1919	54	788	948	1,145	17,248	21,544
	1914	12	113	105	82	131	317
Awnings, tents, and sails	1919	9	113	49	174	833	1,436
	1914	8	57	28	44	283	389
	1909	4	48	12	30	51	144
Baskets, and rattan and willow ware.	1919	6	95	240	71	181	318
	1914	8	88	135	45	204	261
	1909	7	117	23	49	118	211
Boots and shoes	1919	7	406	191	362	1,332	2,250
	1914	8	291	131	201	635	963
	1909	8	321	131	204	553	976
Boxes, paper and other, not elsewhere specified.	1919	15	558	549	446	1,164	2,267
	1914	11	371	233	182	346	745
	1909	10	281	225	141	221	496
Brass, bronze, and copper products.	1919	18	201	407	335	551	1,178
	1914	13	122	170	125	210	419
	1909	13	121	131	116	164	356
Bread and other bakery products.	1919	192	1,693	1,863	2,306	9,217	14,748
	1914	229	1,506	1,133	1,251	3,689	6,683
	1909	167	1,203	786	1,003	2,965	5,268
Brooms	1919	7	74	28	70	196	323
	1914	6	62	23	31	69	127
Butter	1919	8	55	288	76	4,328	4,689
	1914	7	31	156	26	671	741
	1909	3	5	4	3	35	47
Canning and preserving [2]	1919	26	1,382	1,285	1,360	11,478	16,386
	1914	20	1,121	863	580	6,568	8,313
	1909	17	903	666	382	3,482	4,776
Chemicals	1919	7	100	310	107	1,099	1,344
	1914	6	100	576	70	589	838
	1909	4	120	720	93	628	938
Clothing, men's, including shirts.	1919	40	1,713	553	1,302	5,856	9,158
	1914	52	1,598	382	797	2,167	3,955
	1909	50	1,522	335	727	2,106	3,682
Clothing, women's	1919	68	1,074	218	936	3,263	5,590
	1914	53	694	130	387	908	1,725
	1909	41	570	83	252	647	1,225
Coffee and spice, roasting and grinding.	1919	19	627	1,851	553	16,397	21,785
	1914	18	334	909	222	5,744	7,270
	1909	19	225	775	153	3,549	4,973
Coffins, burial cases, and undertakers' goods.	1919	6	101	111	123	371	651
	1914	5	73	88	51	212	324
	1909	4	61	151	39	152	272
Confectionery and ice cream	1919	71	1,421	1,614	1,090	4,196	7,230
	1914	38	787	514	369	1,520	2,625
Cooperage and wooden goods, not elsewhere specified.	1919	[3] 5	276	379	398	1,638	2,860
	1914	10	242	842	189	1,240	1,748
	1909	11	282	861	220	1,194	1,604
SAN FRANCISCO—Con.							
Copper, tin, and sheet-iron products.[4]	1919	67	1,860	1,527	1,947	8,914	13,004
	1914	90	1,187	869	1,000	3,284	5,852
	1909	71	1,068	681	947	1,872	3,645
Cordials and flavoring sirups	1919	5	6	13	5	138	265
	1914	5	6	44	5	91	133
	1909	4	9	.....	8	37	92
Dental goods	1919	8	38	8	38	69	150
	1914	8	21	7	13	57	105
Electrical machinery, apparatus, and supplies.	1919	30	726	2,104	725	1,671	4,282
	1914	7	173	142	100	273	549
	1909	10	129	114	77	143	322
Electroplating	1919	7	47	132	83	37	175
	1914	9	29	101	28	23	85
	1909	5	27	59	24	23	70
Fancy articles, not elsewhere specified.	1919	8	80	70	55	153	313
	1914	4	16	9	8	12	28
Flavoring extracts	1919	8	65	49	40	670	956
	1914	7	28	26	16	138	236
	1909	9	25	42	16	121	197
Flour-mill and gristmill products.	1919	4	107	1,173	152	5,141	5,736
	1914	5	68	1,260	59	2,582	3,116
	1909	9	107	1,225	89	2,403	2,781
Food preparations, not elsewhere specified.	1919	54	343	2,003	445	3,277	4,543
	1914	46	377	1,263	237	2,242	3,097
	1909	31	330	900	192	1,679	2,436
Foundry and machine-shop products.[5]	1919	343	3,742	9,270	5,625	8,987	20,830
	1914	243	2,383	5,549	2,308	3,661	8,332
	1909	157	2,823	6,714	2,690	4,901	9,622
Fur goods	1919	17	200	34	276	958	1,790
	1914	15	101	20	77	160	399
Furnishing goods, men's	1919	4	147	12	111	687	1,212
	1914	3	105	38	49	231	478
	1909	3	77	3	43	368	564
Furniture and refrigerators	1919	52	1,108	3,075	1,701	3,151	6,601
	1914	71	866	2,223	833	1,216	2,782
	1909	51	1,048	1,237	1,017	1,336	3,057
Gas and electric fixtures and lamps.	1919	[6] 8	165	189	185	606	1,055
	1914	18	277	287	216	347	791
	1909	15	321	271	257	430	917
Glass, cutting, staining, and ornamenting.	1919	14	59	46	95	290	529
	1914	15	40	44	33	35	120
	1909	12	96	30	89	92	267
Gloves and mittens, leather	1919	11	116	46	106	272	530
	1914	10	94	16	57	113	230
	1909	9	128	16	79	148	301
Grease and tallow, not including lubricating greases.	1919	7	49	213	66	720	950
	1914	4	43	254	45	231	308
	1909	4	32	60	27	200	281
Hand stamps and stencils and brands.	1919	[7] 6	56	40	62	65	233
	1914	9	51	39	46	49	185
	1909	7	54	55	52	44	161
Hats and caps, other than felt, straw, and wool.	1919	15	119	29	130	331	600
	1914	5	55	56	33	59	155
	1909	4	31	6	18	34	80
House-furnishing goods, not elsewhere specified.	1919	4	22	113	19	143	229
	1914	3	13	205	10	56	93
Ice, manufactured	1919	4	192	2,880	270	205	1,005
	1914	4	145	2,365	131	101	514
	1909	3	67	1,485	69	73	302
Instruments, professional and scientific.	1919	4	58	46	65	140	253
	1914	6	31	32	24	13	71
	1909	4	19	18	18	8	55

[1] Comparative statistics by industries for 1914 and 1909 not available.
[2] Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; "canning and preserving, oysters"; and "pickles, preserves, and sauces."
[3] Excludes statistics for 2 establishments manufacturing "wooden goods, not elsewhere specified," to avoid disclosure of individual operations.
[4] Includes "stamped ware, not elsewhere specified," and "tinware, not elsewhere specified."
[5] Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "iron and steel, welding"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; and "structural ironwork, not made in steel works or rolling mills," in all years; "gas machines," in 1919 and 1914; "hardware, saddlery," in 1914 and 1909; and "plumbers' supplies, not elsewhere specified," in 1919 and 1909.
[6] Excludes statistics for 1 establishment manufacturing "lamps," to avoid disclosure of individual operations.
[7] Excludes statistics for 1 establishment manufacturing "stencils and brands," to avoid disclosure of individual operations.

TABLE 35.—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.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
SAN FRANCISCO—Con.							
Jewelry	1919	34	368	492	582	530	1,440
	1914	39	416	444	375	337	929
	1909	24	430	248	367	502	1,121
Leather goods [1]	1919	32	351	216	379	900	1,680
	1914	37	259	199	175	406	943
	1909	20	290	165	204	348	843
Leather, tanned, curried, and finished.	1919	7	447	1,559	569	4,898	6,432
	1914	12	520	1,669	401	2,583	3,437
	1909	17	558	1,260	415	2,655	3,622
Liquors, malt	1919	6	362	2,676	674	1,276	5,577
	1914	17	491	2,125	598	1,051	3,951
	1909	20	437	1,701	508	895	3,482
Looking-glass and picture frames.	1919	9	87	82	93	105	326
	1914	14	116	31	97	126	354
	1909	8	71	39	63	86	218
Lumber and timber products.[2]	1919	45	814	4,257	908	2,029	3,785
	1914	59	1,262	6,881	1,121	2,213	4,179
	1909	68	1,439	6,435	1,347	2,133	4,378
Marble and stone work	1919	9	128	575	159	260	712
	1914	17	508	1,258	470	963	1,729
	1909	18	488	1,227	413	797	1,635
Mattresses and spring beds, not elsewhere specified.	1919	17	271	581	308	1,289	2,136
	1914	16	279	572	225	677	1,185
	1909	12	256	365	173	576	1,036
Millinery and lace goods, not elsewhere specified.	1919	26	580	115	420	1,440	2,489
	1914	23	276	116	170	435	874
	1909	12	106	97	61	148	269
Mineral and soda waters	1919	19	85	196	113	270	659
	1914	17	84	133	80	84	289
	1909	14	79	125	81	73	316
Models and patterns, not including paper patterns.	1919	18	55	135	78	41	207
	1914	17	50	259	37	23	105
	1909	14	75	131	66	45	153
Optical goods	1919	4	33	12	35	40	121
	1914	5	35	15	35	122	258
Paints	1919	15	168	602	187	2,165	3,201
	1914	11	66	390	50	347	524
SAN FRANCISCO—Con.							
Patent medicines and compounds.	1919	30	171	99	156	494	1,218
	1914	36	81	79	49	344	869
	1909	21	39	18	31	178	491
Photo-engraving	1919	9	73	56	112	106	382
	1914	9	68	50	84	30	195
	1909	9	95	41	105	34	228
Printing and publishing [3]	1919	350	3,513	5,404	4,658	8,371	26,089
	1914	396	3,531	4,116	3,206	4,692	15,031
	1909	307	3,332	3,386	3,094	3,156	12,201
Shipbuilding, including boat building.	1919	21	11,991	20,812	16,575	19,641	46,075
	1914	16	2,130	540	1,958	2,061	4,950
	1909	10	1,068	1,710	769	607	2,100
Signs and advertising novelties.	1919	8	78	19	106	135	439
	1914	12	63	20	61	71	176
	1909	4	21	19	16	15	56
Slaughtering and meat packing.[4]	1919	43	606	1,182	880	20,817	23,407
	1914	38	488	2,024	490	12,750	14,661
	1909	31	341	1,083	337	8,904	10,270
Soap	1919	8	50	179	58	791	1,132
	1914	7	47	172	42	522	717
	1909	8	69	265	55	541	807
Steam packing	1919	4	27	140	27	133	236
	1914	5	19	63	15	57	89
Surgical appliances	1919	9	28	18	33	66	152
	1914	8	16	8	13	11	47
Tobacco, cigars and cigarettes	1919	73	1,055	363	906	3,494	8,157
	1914	104	874	67	508	781	2,439
	1909	91	750	69	424	614	1,833
Window shades and fixtures	1919	15	28	9	35	183	286
	1914	14	33	51	27	205	287
	1909	6	26	57	22	148	222
All other industries	1919	304	7,165	25,953	8,548	75,867	101,841
	1914	297	6,286	19,182	4,968	25,912	38,826
	1909	306	6,036	13,648	4,645	23,935	37,491

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

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
ALAMEDA	1919	52	6,787	9,306	8,788	10,672	25,441
	1914	52	1,087	3,492	1,028	1,003	2,786
	1909	51	915	1,526	797	929	2,554
BAKERSFIELD	1919	73	1,178	3,331	1,605	3,170	5,699
	1914	51	894	2,450	879	1,623	2,928
	1909	27	746	910	664	1,700	2,819
EUREKA	1919	52	977	3,939	1,189	1,791	3,960
	1914	57	799	3,705	605	1,217	2,480
	1909	48	946	3,901	673	1,494	3,012
FRESNO	1919	223	3,903	12,947	4,087	37,118	48,944
	1914	117	2,903	4,080	1,511	12,171	16,520
	1909	76	1,938	3,403	1,103	7,992	11,090
PASADENA	1919	191	1,044	2,008	1,141	3,116	5,768
	1914	118	536	1,782	429	869	1,972
	1909	88	499	969	380	853	1,724
POMONA	1919	64	535	1,324	652	1,986	3,754
	1914	54	322	806	214	325	825
	1909	30	224	334	152	230	560
RIVERSIDE	1919	60	421	827	556	1,292	2,354
	1914	68	277	769	241	449	1,022
	1909	52	263	675	210	523	1,013
SAN BERNARDINO	1919	54	2,107	3,188	2,856	4,038	7,474
	1914	54	1,077	1,715	825	1,420	2,613
	1909	41	729	1,411	639	763	1,660
SAN JOSE	1919	201	3,090	6,928	3,703	14,545	25,136
	1914	225	2,029	3,847	1,327	7,146	10,806
	1909	149	1,399	1,668	871	3,205	5,483
SANTA BARBARA	1919	76	481	1,208	549	893	1,944
	1914	47	276	837	249	332	844
	1909	49	239	452	180	439	843
SANTA CRUZ	1919	41	572	1,930	644	1,513	3,944
	1914	79	401	2,831	266	745	1,320
	1909	34	274	1,827	211	668	1,161
STOCKTON	1919	208	3,534	13,530	4,470	19,411	30,676
	1914	157	1,919	5,147	1,604	7,432	11,293
	1909	142	1,571	4,971	1,287	7,997	11,470
VALLEJO	1919	32	478	3,993	792	15,364	18,056
	1914	29	292	1,656	247	2,046	3,072
	1909	23	203	1,616	184	1,404	1,896

[1] Includes "saddlery and harness" and "trunks and valises."
[2] Includes "boxes, wooden packing, except cigar boxes," and "lumber, planing-mill products, not including planing mills connected with sawmills."
[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."

TABLE 36.—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	11,942	295,858	12,452	11,149	19,766	9,799	243,692	Au 282,312	Fe 220,138	(3)	(3)	(3)	(3)	(3)	*Dollars.* 1,233,480,273
2	Agricultural implements	34	2,283	29	88	420	168	1,578	Ja 2,112	Au 1,184	1,625	1,609	15	1	.....	10,032,253
3	Ammunition	3	343	.....	17	19	9	298	De 333	My 240	296	150	146	.....	.....	3,072,442
4	Artificial flowers	4	9	4	.....	1	.....	4	De 5	Au 3	6	4	2	.....	.....	29,650
5	Artificial limbs	10	36	9	1	.....	2	24	Ja [4] 25	Jy [4] 23	26	23	3	.....	.....	52,501
6	Artificial stone products	114	821	135	49	18	11	608	De 766	Se 509	773	769	4	.....	.....	1,365,057
7	Automobile bodies and parts	253	2,199	284	98	66	70	1,681	De 1,921	Ja 1,439	1,953	1,881	68	4	.....	3,412,328
8	Automobiles	12	1,642	6	82	163	64	1,327	No 1,606	Ja 773	1,539	1,513	26	.....	.....	11,991,021
9	Automobile repairing	1,648	8,827	2,168	186	214	267	5,992	De 6,426	Ja 5,483	6,491	6,426	38	27	.....	13,190,952
10	Awnings, tents, and sails	47	431	51	18	20	15	327	Je 392	Ja 233	327	208	116	3	.....	1,192,072
11	Babbitt metal and solder	7	176	1	29	23	12	111	No 118	Ap 99	107	107	.....	.....	.....	1,438,408
12	Bags, other than paper, not including bags made in textile mills.	6	586	1	19	53	26	487	Je 574	Ja 394	451	186	265	.....	.....	5,284,001
13	Baking powders and yeast	5	142	.....	15	39	9	79	Mh 82	Oc 75	79	75	4	.....	.....	1,120,726
14	Baskets, and rattan and willow ware	10	143	8	7	.....	3	125	Ap 164	No 81	159	66	89	4	.....	241,246
15	Belting, leather	7	111	3	15	8	5	80	De 85	Ja 75	85	69	16	.....	.....	671,667
16	Blacking, stains, and dressings	7	29	14	.....	.....	3	12	(5) 12	(5) 12	12	5	7	.....	.....	68,483
17	Bluing	3	10	5	.....	1	.....	4	Ja [4] 7	Au [4] 1	8	8	.....	.....	.....	17,027
18	Bookbinding and blank-book making.	40	839	48	26	80	62	623	De 708	Ja 547	708	343	362	2	1	1,736,721
19	Boots and shoes	14	698	7	24	29	22	616	De 707	Ja 536	707	437	267	3	.....	1,776,437
20	Boxes, cigar	4	67	6	2	1	4	54	De 62	Jy 50	62	37	25	.....	.....	39,956
21	Boxes, paper and other, not elsewhere specified.	31	1,465	20	79	69	44	1,253	.....	.....	1,562	621	927	7	7	3,302,256
22	Set-up paper boxes	21	924	16	44	27	27	810	No 1,017	Fe 676	984	279	694	4	7	1,433,512
23	All other	10	541	4	35	42	17	443	No 611	Ap 303	578	342	233	3	.....	1,868,744
24	Boxes, wooden packing, except cigar boxes.	46	1,874	28	87	74	28	1,657	Au 1,887	Fe 1,369	1,870	1,685	175	7	3	7,734,141
25	Brass, bronze, and copper products	45	614	48	41	24	9	492	Ja 537	No 450	496	492	2	2	.....	1,451,941
26	Bread and other bakery products	1,095	8,080	1,346	230	679	431	5,394	.....	.....	5,772	4,173	1,559	28	12	17,125,095
27	Biscuit and crackers	9	902	5	22	107	27	741	De 862	Au 672	862	304	556	1	1	2,683,805
28	All other	1,086	7,178	1,341	208	572	404	4,653	De 4,837	Ja 4,458	4,910	3,869	1,003	27	11	14,441,290
29	Brick and tile, terra-cotta, and fire-clay products.	60	1,994	25	112	72	38	1,747	.....	.....	2,287	2,232	41	14	.....	9,542,916
30	Building brick	28	656	10	49	11	8	578	De 752	Fe 273	866	857	.....	9	.....	3,202,005
31	Fire brick	8	343	2	19	16	7	299	Au 319	No 271	322	322	.....	.....	.....	1,566,758
32	Sewer pipe and draintile	7	252	2	15	16	6	213	De 250	Ja 188	245	245	.....	.....	.....	1,666,257
33	Terra-cotta products	14	724	9	29	28	17	641	De 826	Ja 437	831	785	41	5	.....	3,023,515
34	Silicate, magnesite, and bauxite brick and shapes.	3	19	2	.....	1	.....	16	De 23	Ja [4] 11	23	23	.....	.....	.....	84,381
35	Brooms	23	216	34	10	21	.....	151	De 167	Je 143	167	153	14	.....	.....	298,751
36	Brushes	9	41	8	5	1	2	25	(5) 25	(5) 25	25	24	1	.....	.....	66,037
37	Butter	121	1,798	155	100	131	144	1,268	Se 1,399	Ja 1,069	1,292	1,158	128	4	2	8,826,808
38	Buttons	7	45	7	3	.....	1	34	Ap [4] 35	No [4] 32	35	9	26	.....	.....	81,272
39	Canning and preserving, fish	57	3,312	14	168	78	63	2,989	Jy 4,718	My 976	3,643	1,703	1,937	2	1	10,517,677
40	Canning and preserving, fruits and vegetables.	303	22,406	203	939	1,048	641	19,575	.....	.....	49,228	20,555	27,037	463	1,173	63,649,112
41	Canned fruits	125	14,495	60	482	563	392	12,998	Au 36,941	Mh 2,435	33,593	11,769	20,443	400	981	41,549,404
42	Canned vegetables	46	1,891	30	89	71	55	1,646	Au 3,060	Fe 391	4,729	2,156	2,496	25	52	6,396,163
43	Dried fruits and vegetables	132	6,020	113	368	414	194	4,931	Oc 11,576	Ap 1,777	10,906	6,630	4,098	38	140	15,703,545
44	Carpets, rag	23	162	35	6	9	4	108	Oc 112	Ja [4] 103	108	88	17	3	.....	176,340
45	Carriages and wagons, including repairs.	29	163	37	3	7	4	112	.....	.....	121	120	.....	1	.....	417,508
46	Carriages and wagons	11	66	17	.....	1	2	46	Jy [4] 51	Ja 39	45	45	.....	.....	.....	175,509
47	Repair work only	18	97	20	3	6	2	66	Oc [4] 77	Ja 57	76	75	.....	1	.....	241,999
48	Cars and general shop construction and repairs by electric-railroad companies.	22	1,829	.....	50	33	15	1,731	Fe 1,839	Je 1,552	1,727	1,705	22	.....	.....	3,784,097
49	Cars and general shop construction and repairs by steam-railroad companies.	60	17,206	.....	494	449	50	16,213	De 17,382	Ja 15,234	17,006	16,893	113	.....	.....	14,628,648
50	Cement	8	1,538	.....	71	120	31	1,316	De 1,607	Ja 1,159	1,525	1,499	26	.....	.....	31,097,607
51	Cheese	48	307	60	14	13	10	210	Oc [4] 231	Fe 167	235	225	8	2	.....	2,063,335
52	Chemicals	49	1,762	10	85	128	73	1,466	Ja 1,886	Je 1,273	1,288	1,266	21	1	.....	25,483,943
53	Chewing gum	4	194	2	8	29	24	131	Fe 174	Se 96	120	21	99	.....	.....	963,188
54	China decorating, not including that done in potteries.	5	20	5	.....	.....	2	13	My [4] 15	Au 12	13	2	11	.....	.....	20,746
55	Chocolate and cocoa products	4	295	.....	18	16	9	252	Ap 282	Jy 221	245	185	60	.....	.....	2,711,270
56	Cleansing and polishing preparations	35	110	38	15	9	8	40	.....	.....	45	31	14	.....	.....	319,646
57	Cleansing preparations	19	55	21	6	1	5	22	Oc 26	Ap 17	25	17	8	.....	.....	151,884
58	Metal polish	5	14	4	1	1	2	6	Au [4] 7	Ja [4] 5	8	7	1	.....	.....	110,750
59	All other polishing preparations	11	41	13	8	7	1	12	(5) 12	(5) 12	12	7	5	.....	.....	57,012
60	Clothing, men's	62	2,669	69	50	86	53	2,411	.....	.....	2,894	479	2,401	2	12	4,771,926
61	Regular factory products	44	2,529	44	48	86	52	2,299	.....	.....	2,737	416	2,307	2	12	4,757,068
62	Men's, youths', and boys'	23	869	28	24	39	22	756	De 904	Ja 657	943	208	727	.....	8	1,785,104
63	All other	21	1,660	16	24	47	30	1,543	No 1,791	Ap 1,395	1,794	208	1,580	2	4	2,971,964
64	Contract work	18	140	25	2	.....	1	112	De 159	Se 37	157	63	94	.....	.....	14,858
65	Clothing, women's	165	3,745	268	111	140	102	3,124	.....	.....	3,552	586	2,946	2	18	6,166,741
66	Regular factory products	162	3,707	262	111	140	102	3,092	.....	.....	3,525	585	2,931	2	7	6,160,141
67	Suits, skirts, and cloaks	57	824	80	20	26	26	672	Oc 839	Jy 450	812	335	477	.....	.....	1,738,400
68	Shirt waists, dresses, and wrappers.	65	2,128	127	53	80	46	1,822	Se 2,173	Ja 1,271	1,968	199	1,761	2	6	3,140,610
69	Undergarments and petticoats.	14	167	22	5	4	4	132	De 162	Ja 95	162	19	142	.....	1	249,443
70	All other	26	588	33	33	30	26	466	No 602	Fe 358	583	32	551	.....	.....	1,031,688
71	Contract work	3	38	6	.....	.....	.....	32	No 40	Fe 24	27	1	15	.....	11	6,600
72	Coffee and spice, roasting and grinding.	70	1,714	60	120	535	203	796	Oc 856	Mh [4] 742	871	502	367	2	.....	15,590,114

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

COMBINED AND SPECIFIED INDUSTRIES: 1919.

Expenses.								Value of products.	Value added by manufacture.	Power.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
36,267,012	39,153,257	305,207,389	7,017,802	9,219,989	50,977,726	1,181,132,228	37,726,290	1,981,204,701	762,346,183	766,016	179,220	32,036	25,020	7,704	522,036	51,096	1
407,287	766,729	1,966,168	24,715	12,527	1,078,312	3,592,172	124,930	9,490,109	5,773,007	4,668	95	.....	616	.....	3,957	164	2
57,291	30,838	223,946	.....	.....	193,990	995,260	18,940	1,767,321	753,121	626	20	.....	31	.....	575	.....	3
.....	500	4,912	.....	.....	376	4,895	144	18,340	13,301	1	.....	.....	.....	.....	1	.....	4
.....	3,146	36,882	120	5,922	398	29,398	799	108,156	77,959	32	.....	.....	.....	.....	32	.....	5
88,911	28,708	716,362	10,756	19,103	14,781	839,580	15,745	2,254,146	1,398,821	842	30	.....	241	.....	571	.....	6
270,096	115,555	2,255,364	85,367	239,914	66,694	3,231,336	60,341	7,735,153	4,443,476	1,981	.....	.....	28	.....	1,953	.....	7
227,554	297,976	1,809,924	18,088	28,351	1,392,479	26,949,006	77,055	36,626,893	9,600,832	1,332	.....	.....	48	.....	1,284	.....	8
353,012	462,364	8,299,952	348,266	1,048,230	162,642	8,963,093	303,485	24,893,910	15,627,332	8,424	8	.....	482	2	7,932	6	9
52,097	37,853	379,270	175	27,990	57,694	1,743,238	6,591	2,866,399	1,116,570	216	.....	.....	.....	.....	216	.....	10
97,889	55,722	147,371	.....	12,180	29,506	2,743,372	36,239	3,349,477	569,866	251	.....	.....	.....	.....	251	4	11
108,854	97,287	388,081	.....	27,809	542,091	11,092,168	8,395	13,414,851	2,314,288	592	.....	.....	.....	.....	592	.....	12
38,564	25,886	115,946	.....	22,948	24,855	645,706	62,053	1,040,485	332,726	1,333	150	.....	.....	.....	1,183	.....	13
12,400	1,677	113,371	250	15,785	7,665	344,700	2,401	571,033	223,932	291	110	.....	.....	.....	181	.....	14
42,795	43,886	81,635	.....	4,595	21,755	732,094	6,722	1,083,208	344,392	261	.....	.....	.....	.....	261	.....	15
.....	3,086	11,460	.....	4,440	403	85,814	314	131,452	45,324	9	.....	.....	.....	.....	9	.....	16
.....	1,653	2,734	.....	912	69	18,479	119	33,215	14,617	16	.....	.....	.....	.....	16	.....	17
89,367	139,886	627,505	26,002	33,124	19,623	873,747	13,290	2,462,669	1,575,632	463	.....	.....	.....	.....	463	.....	18
105,253	83,307	542,010	460	15,311	128,571	1,958,366	10,994	3,247,177	1,277,317	381	115	.....	.....	.....	266	.....	19
6,000	4,700	42,371	889	3,200	500	75,725	1,566	154,861	77,570	43	.....	.....	8	.....	35	.....	20
238,107	170,292	1,010,844	4,200	68,589	83,417	2,647,124	24,177	4,988,121	2,316,820	1,315	.....	.....	.....	.....	1,315	.....	21
126,914	73,640	589,181	4,200	45,374	41,289	975,397	11,264	2,315,353	1,328,692	545	.....	.....	.....	.....	545	.....	22
111,193	96,652	421,663	.....	23,215	42,128	1,671,727	12,913	2,672,768	988,128	770	.....	.....	.....	.....	770	.....	23
250,231	94,612	1,648,502	11,520	56,963	106,490	5,695,376	61,325	8,908,686	3,151,985	6,229	1,965	.....	.....	20	4,244	726	24
142,537	42,362	754,168	6,976	34,720	27,535	1,767,805	50,661	3,316,347	1,497,881	840	.....	.....	.....	.....	840	.....	25
656,262	1,438,515	6,915,063	15,656	674,568	372,631	30,481,601	817,946	48,956,691	17,657,144	6,090	252	.....	120	.....	5,718	10	26
98,963	231,637	615,934	.....	33,672	137,244	2,266,434	33,044	4,061,387	1,761,909	817	100	.....	70	.....	647	2	27
557,299	1,206,878	6,299,129	15,656	640,896	235,387	28,215,167	784,902	44,895,304	15,895,235	5,273	152	.....	50	.....	5,071	8	28
316,701	160,714	1,884,457	10,045	8,206	105,892	895,402	929,049	5,211,390	3,386,939	11,557	3,550	150	92	.....	7,765	10	29
99,185	21,597	622,405	.....	4,686	29,291	215,876	321,033	1,683,449	1,146,540	5,545	1,385	.....	.....	.....	4,160	.....	30
42,755	31,503	307,839	.....	450	22,200	243,975	221,649	931,218	465,594	1,864	505	.....	.....	.....	1,359	.....	31
39,052	32,316	259,582	10,015	70	11,296	144,863	145,871	832,032	541,298	1,014	445	150	92	.....	327	.....	32
135,709	73,763	671,712	30	1,500	42,905	259,406	237,349	1,708,285	1,211,530	3,000	1,215	.....	.....	.....	1,785	10	33
.....	1,535	22,919	.....	1,500	200	31,282	3,147	56,406	21,977	134	.....	.....	.....	.....	134	.....	34
16,500	20,065	167,256	.....	13,888	2,569	457,088	2,385	767,653	308,180	102	.....	.....	8	.....	94	.....	35
19,200	4,942	24,174	200	2,153	1,104	65,085	1,759	141,640	74,796	52	.....	.....	.....	.....	52	.....	36
261,158	352,972	1,542,380	26,617	56,723	222,408	35,969,721	376,300	40,659,853	4,313,832	4,630	818	42	232	59	3,479	.....	37
3,600	720	26,969	.....	5,820	232	14,785	1,227	66,102	50,090	23	.....	.....	.....	.....	23	.....	38
637,647	184,591	2,210,048	171	66,910	394,568	10,197,316	216,202	17,482,795	7,069,277	4,790	485	.....	90	.....	4,215	4	39
2,393,127	1,952,143	18,470,036	51,687	926,390	5,379,586	127,314,326	1,325,513	189,955,631	61,315,792	21,992	4,102	.....	739	.....	17,151	249	40
1,696,252	1,284,514	12,900,414	33,533	74,620	4,340,388	54,893,829	714,902	99,773,961	44,165,230	11,928	2,068	.....	275	.....	9,585	218	41
211,453	145,164	1,449,403	2,082	34,574	410,147	5,485,246	115,571	10,551,770	4,950,953	2,727	795	.....	78	.....	1,854	.....	42
485,422	522,465	4,120,219	16,072	817,196	629,051	66,935,251	495,040	79,629,900	12,199,609	7,337	1,239	.....	386	.....	5,712	31	43
10,122	13,097	105,467	445	4,245	1,654	40,368	2,295	314,805	272,142	119	.....	.....	5	.....	114	.....	44
5,664	13,948	145,789	400	8,762	2,315	205,794	11,542	463,775	246,439	336	.....	.....	.....	1	335	.....	45
.....	7,840	62,586	200	2,580	1,365	85,899	5,215	195,397	104,283	195	.....	.....	.....	1	194	.....	46
5,664	6,108	83,203	200	6,182	950	119,895	6,327	268,378	142,156	141	.....	.....	.....	.....	141	.....	47
87,485	62,517	2,066,759	3,000	170	9,027	1,739,446	64,888	4,057,871	2,253,537	4,307	350	.....	4	.....	3,953	.....	48
1,306,573	708,103	24,069,764	.....	.....	98,744	14,284,057	1,476,852	41,926,975	26,166,066	15,598	2,752	.....	127	.....	12,719	84	49
312,976	278,942	1,884,477	.....	.....	223,982	1,983,891	2,130,126	11,258,473	7,144,456	40,544	105	.....	25	.....	40,414	.....	50
34,740	25,307	269,183	.....	11,428	15,459	3,186,203	67,758	3,792,388	538,427	772	155	10	36	2	569	93	51
283,367	255,686	1,973,938	27,885	10,289	233,679	4,830,172	1,300,728	10,539,416	4,408,516	15,980	1,437	2,790	80	.....	11,673	417	52
26,624	73,391	93,508	.....	8,430	63,451	897,858	5,508	1,810,729	907,363	129	.....	.....	.....	.....	129	.....	53
.....	762	10,593	3,647	1,922	380	26,604	808	52,955	25,543	.....	.....	.....	.....	.....	.....	.....	54
82,577	55,584	251,171	.....	8,575	285,453	3,754,700	50,615	5,662,682	1,857,367	1,353	40	.....	.....	.....	1,313	.....	55
29,448	24,883	41,585	220	10,814	12,589	426,429	1,176	700,891	273,286	69	.....	.....	7	.....	62	.....	56
16,648	13,339	24,465	.....	6,319	11,473	278,296	667	427,580	143,617	37	.....	.....	7	.....	30	.....	57
1,200	2,929	7,516	120	540	269	63,560	101	98,986	35,325	5	.....	.....	.....	.....	5	.....	58
11,600	8,615	9,604	100	3,955	847	84,573	408	174,325	89,344	27	.....	.....	.....	.....	27	.....	59
159,748	237,736	1,824,182	111,747	68,237	177,882	7,357,199	26,047	11,405,400	4,022,154	711	120	.....	.....	.....	591	47	60
154,368	236,696	1,688,984	111,027	61,867	177,691	7,348,649	24,412	11,201,234	3,828,173	691	120	.....	.....	.....	571	47	61
55,881	70,992	604,882	98,438	30,477	46,194	2,840,226	10,225	4,464,928	1,614,477	197	.....	.....	.....	.....	197	.....	62
98,487	165,704	1,084,102	12,589	31,390	131,497	4,508,423	14,187	6,736,306	2,213,696	494	120	.....	.....	.....	374	47	63
5,380	1,040	135,198	720	6,370	191	8,550	1,635	204,166	193,981	20	.....	.....	.....	.....	20	.....	64
235,254	350,369	2,638,002	151,637	170,025	96,664	8,499,488	29,954	14,245,865	5,716,423	629	.....	.....	.....	.....	629	2	65
235,254	350,369	2,614,417	150,700	168,975	96,629	8,499,438	29,314	14,211,587	5,682,835	621	.....	.....	.....	.....	621	2	66
43,412	69,301	806,939	10,684	50,491	14,564	2,478,318	9,445	4,144,380	1,656,617	144	.....	.....	.....	.....	144	.....	67
124,660	207,494	1,343,721	73,758	86,807	57,640	4,327,027	13,724	7,238,238	2,897,487	321	.....	.....	.....	.....	321	2	68
900	12,729	80,726	52,767	9,116	2,566	523,804	1,412	792,696	267,480	34	.....	.....	.....	.....	34	.....	69
66,282	60,845	383,031	13,491	22,561	21,859	1,170,289	4,733	2,036,273	861,251	122	.....	.....	.....	.....	122	.....	70
.....	.....	23,585	937	1,050	35	50	640	34,278	33,588	8	.....	.....	.....	.....	8	.....	71
460,304	978,932	703,738	350	168,220	349,933	19,808,863	71,920	26,310,641	6,429,858	2,408	150	.....	.....	.....	2,258	198	72

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

TABLE 36.—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.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
																Dollars.
1	Coffins, burial cases, and undertakers' goods.	14	301	8	19	21	10	243	Ap 257	Se 229	232	182	50	.....	.....	1,861,994
2	Condensed milk	11	648	.....	25	40	39	544	Jy [3] 638	Ja 451	471	395	76	.....	.....	5,744,367
3	Confectionery and ice cream	298	5,299	321	199	425	271	4,083	.....	.....	4,726	1,859	2,843	3	21	10,736,500
4	Confectionery	207	4,134	228	134	294	178	3,300	No 4,063	Ja 2,902	3,935	1,264	2,650	1	20	7,132,237
5	Ice cream	91	1,165	93	65	131	93	783	Au 947	Ja 595	791	595	193	2	1	3,604,263
6	Cooperage, hogsheads and barrels	15	451	12	19	11	19	390	Ja 493	Se 343	355	348	4	3	.....	1,888,655
7	Copper, tin, and sheet-iron work	322	2,027	370	94	51	50	1,462	Au 1,610	Fe 1,353	1,725	1,668	55	2	.....	4,100,577
8	Cordials and flavoring sirups	9	54	6	6	13	2	27	De 39	Fe 16	46	45	1	.....	.....	313,165
9	Cutlery and edge tools	4	32	2	1	1	.....	28	De 30	Mh [3] 27	31	31	.....	.....	.....	53,423
10	Dairymen's, poultrymen's, and apiarists' supplies.	20	135	17	9	5	7	97	.....	.....	136	113	23	.....	.....	380,003
11	Incubators and brooders	6	34	8	.....	2	1	23	De 48	Je 8	48	46	2	.....	.....	61,167
12	All other poultrymen's supplies.	5	13	3	2	1	1	6	My 9	De 3	12	10	2	.....	.....	33,407
13	Dairymen's and apiarists' supplies.	9	88	6	7	2	5	68	My 77	Se [3] 60	76	57	19	.....	.....	285,429
14	Dental goods	19	100	22	.....	1	4	73	.....	.....	77	64	6	7	.....	59,812
15	Teeth	4	12	4	.....	1	.....	7	(4) 7	(4) 7	7	3	.....	4	.....	1,550
16	All other	15	88	18	.....	.....	4	66	Jy 69	Ja [3] 64	70	61	6	3	.....	58,262
17	Druggists' preparations	15	284	11	18	20	13	222	Ja 235	Oc 208	233	90	143	.....	.....	1,007,686
18	Electrical machinery, apparatus, and supplies.	73	2,714	57	113	325	211	2,008	No 2,328	My 1,803	2,322	1,478	840	4	.....	7,690,738
19	Electroplating	30	194	42	6	3	5	138	No [3] 150	Ja [3] 130	149	147	2	.....	.....	152,748
20	Enameling	6	18	7	.....	.....	.....	11	No [3] 14	Ja [3] 9	14	13	.....	1	.....	12,689
21	Engines, steam, gas, and water	22	2,664	9	105	234	85	2,231	Ja 2,715	Oc 1,691	2,659	2,625	32	2	.....	13,267,811
22	Engraving and diesinking	22	89	26	1	1	3	58	Mh [3] 59	Ja [3] 56	63	53	7	3	.....	42,372
23	Engraving, steel and copper plate, including plate printing.	24	186	23	10	9	9	135	De 173	Ja 101	159	95	63	1	.....	217,147
24	Explosives	3	972	.....	79	207	75	611	Ja 1,011	De 497	497	485	12	.....	.....	12,612,729
25	Fancy articles, not elsewhere specified.	26	303	29	11	15	8	240	.....	.....	307	112	191	4	.....	254,998
26	Beadwork	4	87	4	2	.....	2	79	My 93	Ja 61	92	.....	92	.....	.....	40,076
27	Metal and paper novelties	4	17	7	.....	.....	.....	10	Au [3] 11	My [3] 9	11	3	8	.....	.....	21,302
28	Wood novelties	5	92	3	4	2	3	80	De 119	Mh 56	120	82	34	4	.....	79,691
29	All other	13	107	15	5	13	3	71	Oc 90	Ja 51	84	27	57	.....	.....	113,929
30	Feathers and plumes	6	84	3	5	3	10	63	De 90	Ja 44	78	19	54	2	3	440,915
31	Fertilizers	17	469	3	32	129	21	284	No 315	Se 257	299	290	9	.....	.....	3,543,351
32	Flags and banners	6	51	3	4	3	2	39	Ja 58	De 28	34	6	22	1	5	91,456
33	Flavoring extracts	20	207	14	15	26	14	138	Au 252	Ja [3] 75	84	47	37	.....	.....	580,977
34	Flour-mill and gristmill products	134	2,579	65	144	439	152	1,779	No 2,005	Mh 1,615	2,052	1,858	192	2	.....	27,077,832
35	Food preparations, not elsewhere specified.	172	1,590	218	114	129	80	1,049	.....	.....	1,609	878	729	.....	2	6,514,504
36	Breadstuff preparations, macaroni, vermicelli, and noodles.	60	490	94	29	22	25	320	De 373	Ap 292	384	290	93	.....	1	2,898,473
37	Meat products and peanut butter.	5	38	8	2	11	4	13	No 22	Au [3] 8	20	16	4	.....	.....	82,124
38	Sweetening sirups, other than cane.	9	47	8	3	7	5	24	De 26	Ja [3] 23	28	20	8	.....	.....	85,715
	All other food preparations—															
39	For human consumption	71	708	92	46	50	26	494	No 1,006	Mh 247	905	281	623	.....	1	1,404,298
40	For animals and fowls	27	307	16	34	39	20	198	Jy [3] 246	Ap 144	272	271	1	.....	.....	2,043,894
41	Foundry and machine-shop products	595	12,268	550	696	813	382	9,827	.....	.....	11,623	11,504	105	12	2	38,244,331
42	Boiler shops	18	394	17	25	25	3	324	My 497	Mh 139	211	211	.....	.....	.....	1,271,023
43	Foundries	53	1,887	48	113	52	36	1,638	Ja 1,962	Oc 856	2,158	2,142	16	.....	.....	4,826,534
44	Machine shops	487	8,016	460	475	597	294	6,190	Au 6,924	Mh 5,388	6,883	6,792	79	10	2	26,587,857
45	Machine shop and foundry combined.	37	1,971	25	83	139	49	1,675	De 1,764	Ja 1,577	2,371	2,359	10	2	.....	5,558,917
46	Fur goods	33	396	32	9	7	23	325	Oc 374	Fe 283	371	125	240	4	2	1,152,393
47	Furnishing goods, men's	8	340	10	17	34	16	263	No 336	Ja 201	308	39	265	.....	4	1,328,853
48	Furniture	176	3,487	218	113	169	104	2,883	.....	.....	3,548	3,215	301	32	.....	8,753,677
49	Wood, other than rattan and willow.	103	1,857	136	58	66	48	1,549	De 2,045	Ja 1,100	1,942	1,673	257	12	.....	3,912,392
50	Rattan and willow	21	299	21	7	12	5	254	De 322	Ja [3] 213	322	307	9	6	.....	387,507
51	Metal furniture and store and office fixtures.	52	1,331	61	48	91	51	1,080	Oc 1,279	Mh 895	1,284	1,235	35	14	.....	4,453,778
52	Galvanizing	3	21	2	3	.....	1	15	Fe 20	Mh [3] 14	15	15	.....	.....	.....	54,465
53	Gas and electric fixtures	27	419	27	28	67	28	269	.....	.....	329	310	19	.....	.....	1,124,143
54	Gas fixtures	22	388	18	27	63	28	252	De 312	Ja 220	313	295	18	.....	.....	1,088,988
55	All other	5	31	9	1	4	.....	17	Oc 18	De 16	16	15	1	.....	.....	35,155
56	Gas, illuminating and heating	57	3,721	1	107	769	340	2,444	No 2,851	Fe 2,079	2,705	2,702	2	1	.....	62,207,518
57	Gas machines and gas and water meters.	3	8	1	1	1	1	4	No [3] 6	Jy [3] 1	10	10	.....	.....	.....	41,381
58	Glass	7	1,431	3	25	53	17	1,333	No 1,781	Au 591	1,410	1,358	52	.....	.....	2,082,731
59	Glass, cutting, staining, and ornamenting.	37	230	46	11	25	14	134	De 151	Ap 120	161	152	9	.....	.....	728,845
60	Gloves and mittens, leather	27	782	23	49	26	19	665	De 723	Ja 595	730	309	416	5	.....	1,645,569
61	Gold and silver, reducing and refining, not from the ore.	7	36	8	2	5	3	18	De 19	My 17	19	19	.....	.....	.....	258,786
62	Graphite, ground and refined	3	16	2	2	2	.....	10	My [3] 12	Oc [3] 8	11	11	.....	.....	.....	55,506
63	Grease and tallow, not including lubricating greases.	19	232	34	21	10	4	163	.....	.....	195	170	2	23	.....	1,156,501
64	Soap stock	5	104	9	8	2	2	83	Au 94	Ap 76	78	78	.....	.....	.....	594,123
65	Tallow	11	108	14	11	8	1	74	De 82	Fe [3] 70	110	86	1	23	.....	541,008
66	All other	3	20	11	2	.....	1	6	Oc 8	Ja [3] 3	7	6	1	.....	.....	21,370
67	Hair work	9	36	9	.....	.....	1	26	No [3] 29	Ja [3] 24	29	4	25	.....	.....	31,917
68	Hand stamps	20	188	17	14	38	14	105	De 112	Ja [3] 99	112	88	24	.....	.....	328,199
69	Hardware	17	134	20	5	5	2	102	.....	.....	137	128	9	.....	.....	186,866
70	Builders'	10	104	9	4	5	2	84	De 110	Mh 61	113	111	2	.....	.....	149,480
71	All other	7	30	11	1	.....	.....	18	Au 23	Ja 14	24	17	7	.....	.....	37,386
72	Hats and caps, other than felt, straw, and wool.	30	291	37	12	12	8	222	Oc [3] 262	Ja 179	263	112	147	3	1	370,812

[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.								
60,019	41,113	292,362	1,184	14,586	65,077	759,306	9,203	1,543,026	774,517	425					425		1
108,662	121,743	570,327	5,000	1,375	189,215	9,815,993	254,971	11,968,142	1,897,178	1,784	753		200		831	345	2
572,962	773,357	3,257,866	16,332	335,136	595,257	13,189,781	303,521	23,225,675	9,732,373	5,766	465		34		5,267		3
373,924	626,381	2,418,094	15,958	307,339	477,057	9,317,336	162,066	16,508,123	7,028,721	2,817	180				2,037		4
199,038	146,976	839,772	374	77,797	118,200	3,872,445	141,455	6,717,552	2,703,652	2,949	285		34		2,630		5
84,116	42,939	562,492	150	9,213	197,814	2,641,330	15,410	4,190,622	1,533,882	690	250		6		434		6
266,097	101,576	1,952,529	9,165	133,516	66,229	3,201,851	38,608	7,159,783	3,919,324	1,186	6		68	1	1,111	7	7
13,277	19,928	25,331		4,890	45,039	949,821	961	1,292,357	341,575	34				1	33		8
3,600	800	42,237		1,885	349	17,520	2,614	92,902	72,768	54					54		9
18,246	13,039	102,190	50	6,645	3,974	431,356	4,774	668,885	232,755	372			3		369		10
	2,136	26,432		630	267	46,665	740	106,055	58,650	69					69		11
3,096	2,480	9,432	50	4,455	309	25,588	1,296	56,777	29,893	73			3		70		12
15,150	8,423	66,326		1,560	3,398	359,103	2,738	506,053	144,212	230					230		13
	3,580	76,168	10,961	8,727	617	132,859	1,701	308,948	174,388	19					19	1	14
	520	5,038		1,235	29	7,962	160	24,826	16,704	2					2	1	15
	3,060	71,130	10,961	7,492	588	124,897	1,541	284,122	157,684	17					17		16
57,994	44,113	181,549	840	16,765	50,992	697,336	5,566	1,187,841	484,889	95			7		88	29	17
342,668	602,697	1,894,004	16,090	67,314	334,118	4,898,427	131,484	11,368,196	6,338,285	3,864					3,864		18
14,912	6,919	199,283	8	17,887	7,220	63,381	12,445	438,764	362,938	352					352		19
		15,758		2,794	33	10,835	2,129	41,567	28,603	25					25		20
619,784	394,252	3,274,637	301,625	21,920	589,993	5,525,159	120,676	12,687,250	7,041,415	10,526			129		10,397		21
2,600	3,355	68,261	735	8,972	342	29,316	1,627	173,736	142,793	31					31		22
22,379	22,260	154,971	6,824	12,875	2,113	116,425	2,352	494,544	375,767	72					72		23
367,032	567,466	947,109			327,872	2,670,924	181,457	6,407,547	3,555,166	7,209	875	1,400		125	4,809	669	24
32,055	15,609	170,224	390	16,712	3,792	286,220	3,041	702,371	413,110	131					131		25
5,000	1,344	44,991	100	1,716	254	40,863	233	131,431	90,335	11					11		26
		8,467	290	1,929	72	23,289	88	44,416	21,039	7					7		27
7,205	5,008	53,960		3,380	2,730	49,950	1,559	176,753	125,244	86					86		28
19,850	9,257	62,806		9,687	736	172,118	1,161	349,771	176,492	27					27		29
8,415	8,502	42,958		4,845	5,313	52,878	841	174,664	120,945	5					5		30
95,761	151,369	317,350	11,899	27,385	41,233	2,482,550	49,731	3,609,704	1,077,423	2,423	285		20		2,118		31
11,878	5,189	27,923		2,608	1,476	89,232	1,128	142,386	52,026	17					17		32
51,371	76,161	90,390	2,750	19,611	22,790	945,190	4,182	1,437,310	487,938	77			2		75		33
355,585	802,386	2,229,241	10,088	27,912	432,702	56,476,650	406,056	65,448,352	8,565,646	16,866	3,299	10	544	420	12,593	648	34
217,032	224,160	1,075,500	14,375	108,158	70,031	12,099,895	153,021	16,633,014	4,380,098	6,002	60	75	195	28	5,644		35
70,265	56,354	393,647	9,550	41,531	24,439	2,178,143	67,585	3,412,962	1,167,234	1,694					1,694		36
3,070	11,530	11,252	1,600	3,110	132	237,214	1,232	313,799	75,353	32					32		37
7,000	12,153	23,175		4,110	2,977	252,783	3,051	373,941	118,107	183	30	75			78		38
76,524	82,050	404,677	3,225	29,296	13,868	5,602,427	44,251	7,867,891	2,221,213	888	30		45	28	785		39
60,173	62,073	242,749		30,111	28,615	3,829,328	36,902	4,664,421	798,191	3,205			150		3,055		40
2,251,430	1,396,209	13,535,263	1,121,237	387,861	1,079,597	21,593,700	1,045,184	51,336,530	28,697,646	23,974	490	650	886	55	21,893	588	41
98,573	32,907	506,991	3,000	23,464	59,788	516,249	17,020	1,620,908	1,087,639	1,475			60		1,415		42
410,257	110,311	2,174,251	18,140	47,920	264,532	3,017,992	319,797	7,238,211	3,900,422	2,858	115		78	15	2,650		43
1,508,344	1,041,401	8,776,611	196,357	295,840	628,890	15,407,190	514,797	35,903,273	19,981,286	15,816	360	650	655	40	14,111	588	44
234,256	211,590	2,083,410	903,740	20,637	126,387	2,652,269	193,570	6,574,138	3,728,299	3,825	15		93		3,717		45
45,150	36,695	412,036	3,585	51,280	30,207	1,368,557	3,833	2,515,243	1,142,853	69					69		46
39,148	106,217	204,846	1,190	21,611	5,553	1,296,497	1,761	2,205,038	906,780	24					24		47
372,949	357,506	3,598,374	29,695	177,407	215,841	6,221,093	92,273	13,639,927	7,326,561	5,984	325				5,659		48
177,684	156,268	1,709,905	12,394	87,708	56,029	3,400,794	36,738	7,018,447	3,580,915	3,024	75				2,949		49
															59		50
24,295	26,121	270,411	600	19,270	3,916	309,332	1,748	826,000	514,920	59					2,651		51
170,970	175,117	1,618,058	16,701	70,429	155,896	2,510,967	53,787	5,795,480	3,230,726	2,901	250						
															22		52
9,082	2,100	19,240		1,515	431	39,460	7,770	93,978	46,748	22					289		53
79,224	118,976	303,445	1,060	30,236	11,027	891,046	10,121	1,672,315	771,148	289					261		54
76,324	114,896	280,843	360	27,874	10,539	850,586	9,390	1,582,452	722,476	261					28		55
2,900	4,080	22,602	700	2,362	488	40,460	731	89,863	48,672	28					15,580	152	56
493,049	1,152,856	2,754,113		300	1,325,762	1,723,896	6,276,167	20,440,682	12,440,619	24,545	6,702	1,811	452		31		57
1,825	1,400	8,691	2,115	1,345	130	11,245	151	34,949	23,553	31							
120,577	96,361	1,654,369		8,944	59,836	903,703	421,775	3,760,787	2,435,309	2,764	45				2,719		58
29,065	61,637	207,092	9,000	29,194	10,660	704,298	8,903	1,313,230	600,029	132					132		59
112,956	70,987	561,261	6,850	14,517	26,460	851,131	4,479	2,048,503	1,192,893	138			18		120		60
3,600	11,215	26,717		6,161	894	865,223	4,015	954,140	84,902	94					94		61
					300	9,689	1,921	28,200	16,590	158					158		62
1,858	1,407	9,273			20,678	1,542,056	149,794	2,427,162	735,312	894	142	55	63		634		63
36,211	11,019	202,472	2,354	7,821													
17,863	4,736	102,284	50	1,830	10,750	603,669	110,728	1,051,192	336,795	428	12		8		408		64
15,348	6,033	92,473	2,081	4,871	9,771	925,726	36,668	1,312,894	350,500	452	130	55	53		214		65
3,000	250	7,715	223	1,120	157	12,661	2,398	63,076	48,017	14			2		12		66
	2,110	25,017	240	3,982	415	38,750	50	96,487	57,687								67
34,352	53,443	126,009	1,600	22,950	13,718	165,684	3,021	542,586	373,881	97					97		68
13,015	9,000	138,761	110	8,286	1,622	169,993	12,205	409,582	227,384	271					271		69
10,615	8,900	121,432		5,850	1,033	143,412	10,753	323,140	168,975	201					201		70
2,400	100	17,329	110	2,436	589	26,581	1,452	86,442	58,409	70					70		71
22,768	30,353	237,908	6,927	14,965	3,374	611,695	6,254	1,174,062	556,113	49					49		72

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

TABLE 36.—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	Hats, fur-felt	6	83	4	5	4	1	69	De	90	Fe	50	83	40	43	.....	.....	212,927
2	House-furnishing goods, not elsewhere specified.	13	85	11	8	6	5	55	.....		.....		64	34	30	.....	.....	204,128
3	Comforts, quilts, and feather pillows and beds.	7	48	5	5	4	2	32	No [2]	37	Ja [2]	29	37	24	13	.....	.....	99,700
4	All other	6	37	6	3	2	3	23	De	27	Je [2]	20	27	10	17	.....	.....	104,428
5	Ice, manufactured	117	1,895	85	146	83	46	1,535	Jy	1,938	Ja	1,177	1,561	1,554	3	4	.....	21,547,099
6	Instruments, professional and scientific.	9	132	9	17	4	5	97	.....		.....		104	100	4	.....	.....	315,386
7	Medical and surgical	4	29	7	1	2	.....	19	Je [2]	20	Ja [2]	18	18	18	.....	.....	.....	52,223
8	All other	5	103	2	16	2	5	78	De	87	Ap [2]	73	86	82	4	.....	.....	263,163
9	Iron and steel, steel works and rolling mills.	8	3,758	.....	91	149	42	3,476	Oc	3,746	Je	3,309	3,452	3,429	22	1	.....	13,700,484
10	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	5	76	.....	7	2	.....	67	Au	79	Oc	49	58	58	.....	.....	.....	300,052
11	Iron and steel, forgings, not made in steel works or rolling mills.	7	260	3	16	10	7	224	Fe	296	Oc	110	232	232	.....	.....	.....	936,833
12	Iron and steel, tempering and welding.	58	218	72	5	4	5	132	My	139	Mh	120	141	140	1	.....	.....	306,000
13	Iron and steel, wrought pipe	16	803	9	38	51	18	687	Ap [2]	784	Ja	520	649	649	.....	.....	.....	2,700,457
14	Ivory, shell, and bone work, not including combs and hairpins.	3	52	5	1	7	2	37	Au [2]	43	Ja	29	35	18	17	.....	.....	63,146
15	Jewelry	88	877	123	22	43	39	650	De	755	Au	587	752	648	99	5	.....	1,221,908
16	Knit goods	21	919	16	49	103	56	695	De	875	Ja	604	802	110	688	2	2	2,316,252
17	Lamps and reflectors	7	118	6	10	2	9	91	.....		.....		143	116	26	1	.....	342,515
18	Automobile lamps	3	98	1	10	2	6	79	De	121	Ja [2]	41	121	95	25	1	.....	322,933
19	All other lamps and reflectors	4	20	5	.....	.....	3	12	De	20	Ja [2]	8	22	21	1	.....	.....	19,582
20	Lapidary work	13	59	14	1	2	1	41	No	58	Ja [2]	30	52	34	17	1	.....	34,795
21	Leather goods, not elsewhere specified.	17	213	15	14	16	10	158	De	206	Mh	127	198	80	114	1	3	439,111
22	Leather, tanned, curried, and finished.	21	1,630	11	76	55	35	1,453	Au	1,506	My	1,401	1,509	1,460	46	2	1	15,904,030
23	Lime	*8	190	6	13	9	3	159	Ap	178	Oc	141	157	155	2	.....	.....	879,196
24	Liquors, distilled	3	289	.....	23	16	16	234	De	319	Jy	165	319	319	.....	.....	.....	3,013,340
25	Liquors, malt	20	1,208	2	92	154	25	935	Oc	1,202	Ap	841	873	871	2	.....	.....	12,684,577
26	Liquors, vinous	287	1,034	318	70	26	20	600	Oc	1,501	Jy	333	1,156	1,134	18	4	.....	8,782,301
27	Lithographing	11	889	2	35	106	50	696	No	771	Fe	634	754	618	134	1	1	2,989,533
28	Looking-glass and picture frames	33	256	27	18	21	8	182	No	216	Fe	156	205	170	33	2	.....	300,958
29	Lubricating greases	3	13	4	2	3	1	3	(4)	3	(4)	3	3	3	.....	.....	.....	32,400
30	Lumber and timber products	195	18,150	169	338	493	193	16,957	Jy	20,957	Ja	11,023	19,445	18,942	471	32	.....	75,530,087
31	Lumber, planing-mill products, not including planing mills connected with sawmills.	325	7,386	271	290	450	160	6,215	De	7,121	Fe	5,262	7,175	7,059	104	11	1	25,729,580
32	Marble and stone work	128	781	150	45	36	20	530	.....		.....		653	653	.....	.....	.....	2,968,889
33	Monuments and tombstones	100	320	129	13	9	7	162	De	176	Ja	144	187	187	.....	.....	.....	761,876
34	Other marble and stone work, except slate.	28	461	21	32	27	13	368	No	472	Fe	305	466	466	.....	.....	.....	2,207,013
35	Mattresses and spring beds, not elsewhere specified.	49	795	47	60	50	29	609	De	764	Ja	461	795	658	130	5	2	2,552,285
36	Millinery and lace goods, not elsewhere specified.	67	1,266	75	38	70	42	1,041	.....		.....		1,181	120	1,008	1	52	1,468,381
37	Embroideries	11	136	14	3	4	9	106	De	191	Fe	66	195	10	185	.....	.....	158,884
38	Trimmed hats and hat frames	25	786	29	23	57	22	655	Au	707	Ja	558	687	82	553	1	51	958,998
39	Dress and cloak trimmings and women's neckwear.	9	168	7	8	8	3	142	Jy	161	Ja	102	148	11	136	.....	1	190,868
40	All other	22	176	25	4	1	8	138	No	154	Ja [2]	124	151	17	134	.....	.....	159,631
41	Mineral and soda waters	195	809	229	61	18	33	468	.....		.....		509	484	19	6	.....	3,566,532
42	Mineral and carbonated waters.	175	685	207	51	4	28	395	Jy	480	Ja	343	412	391	15	6	.....	2,534,380
43	All other	20	124	22	10	14	5	73	Oc	167	Ap	39	97	93	4	.....	.....	1,032,152
44	Minerals and earths, ground or otherwise treated.	13	272	7	16	13	4	232	Ja	285	Oc	200	285	285	.....	.....	.....	1,341,353
45	Mirrors, framed and unframed, not elsewhere specified.	12	63	7	3	.....	3	50	De	61	Ja	41	61	61	.....	.....	.....	132,778
46	Models and patterns, not including paper patterns.	45	218	56	9	3	2	148	Au [2]	158	Ja	138	159	145	11	3	.....	165,610
47	Mucilage, paste, and other adhesives, not elsewhere specified.	5	34	8	4	6	3	13	Au [2]	14	Ja [2]	12	13	8	5	.....	.....	107,130
48	Musical instruments and materials, not specified.	16	117	24	2	1	1	89	De	103	Je	84	104	78	23	3	.....	89,534
49	Oil, not elsewhere specified	24	544	21	39	48	25	411	.....		.....		422	418	4	.....	.....	6,399,358
50	Vegetable and composite oils	16	480	13	31	42	23	371	Ap	391	Se	335	377	374	3	.....	.....	5,927,683
51	Animal and mineral oils	8	64	8	8	6	2	40	Oc	48	Ja	25	45	44	1	.....	.....	471,675
52	Optical goods	26	376	183	18	36	12	127	De	133	My	123	135	125	10	.....	.....	330,483
53	Paints	41	915	17	87	15	80	716	Au	804	Ja	585	762	688	71	3	.....	7,051,672
54	Paper and wood pulp	7	933	3	46	37	41	806	Au	932	Mh	688	834	801	33	.....	.....	5,930,989
55	Patent medicines and compounds	90	550	66	74	60	74	276	.....		.....		307	160	147	.....	.....	1,914,287
56	Patent and proprietary medicines.	49	323	38	36	26	48	175	No [2]	185	Je	166	192	80	112	.....	.....	1,095,443
57	Patent and proprietary compounds.	41	227	28	38	34	26	101	Ja	141	Se [2]	85	115	80	35	.....	.....	818,844
58	Paving materials	26	521	13	37	18	8	445	No	562	Fe	346	557	556	1	.....	.....	3,963,798
59	Perfumery and cosmetics	32	162	32	18	9	24	79	No [2]	86	Ja	63	106	39	67	.....	.....	372,393
60	Petroleum, refining	45	6,530	1	400	782	215	5,132	De	5,606	Ap	4,737	5,564	5,451	113	.....	.....	84,015,443
61	Photo-engraving	26	242	31	18	21	13	159	No	174	Ja	137	175	171	1	3	.....	338,039
62	Photographic apparatus	6	30	7	.....	2	1	20	Jy [2]	21	Ja [2]	19	22	20	2	.....	.....	113,107
63	Photographic materials	31	1,498	27	86	424	137	824	.....		.....		989	894	94	1	.....	2,769,943
64	Motion-picture films, not exposed.	3	16	4	.....	.....	2	10	(4)	10	(4)	10	10	8	2	.....	.....	14,330
65	Motion-picture projection films.	12	1,372	6	77	412	109	768	Oc	1,061	Fe	597	922	847	75	.....	.....	2,610,286
66	All other	16	110	17	9	12	26	46	De	53	Fe [2]	43	57	39	17	1	.....	145,327

[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.				Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
11,267	13,971	82,500	.....	4,761	2,459	396,511	1,942	557,913	159,460	21	.....	.....	.....	.....	21	.....	1
18,182	16,377	43,106	600	9,683	1,597	269,252	6,989	449,532	173,291	184	5	.....	.....	.....	179	.....	2
13,771	12,162	23,132	600	5,476	1,069	190,340	6,513	302,074	105,221	164	5	.....	.....	.....	159	.....	3
4,411	4,215	19,974	.....	4,207	528	78,912	476	147,458	68,070	20	.....	.....	.....	.....	20	.....	4
370,238	158,515	1,955,056	5,763	41,966	269,748	846,972	1,354,723	7,112,470	4,910,775	32,113	9,039	475	1,784	155	20,660	1,459	5
30,106	9,468	105,344	1,082	9,219	7,852	207,166	1,895	413,659	204,598	137	.....	.....	.....	.....	137	.....	6
2,400	1,287	23,675	650	4,787	935	23,230	379	63,227	39,618	14	.....	.....	.....	.....	14	.....	7
27,706	8,181	81,669	432	4,432	6,917	183,936	1,516	350,432	164,980	123	.....	.....	.....	.....	123	.....	8
394,369	350,137	6,358,704	6,332	.....	251,548	8,145,662	1,362,873	18,191,989	8,683,454	22,838	3,381	.....	.....	.....	19,457	.....	9
30,040	3,014	71,229	.....	3,330	19,224	305,871	8,506	513,531	199,154	281	.....	.....	.....	.....	281	.....	10
80,496	23,355	335,033	.....	3,006	21,665	743,823	91,932	1,511,163	675,408	375	125	.....	25	.....	225	8	11
17,100	6,530	207,897	1,882	28,415	2,045	170,461	16,500	668,707	481,746	358	.....	.....	12	.....	346	.....	12
166,138	100,633	935,868	.....	8,037	223,542	1,988,227	24,953	5,024,137	3,010,957	1,360	.....	.....	.....	.....	1,360	.....	13
2,040	12,169	37,431	.....	1,260	680	25,164	1,375	118,989	92,450	32	.....	.....	.....	.....	32	.....	14
88,074	95,040	951,829	33,726	57,217	22,554	837,964	18,095	2,555,291	1,699,232	648	.....	.....	.....	.....	648	.....	15
171,938	152,466	496,284	15,677	16,248	62,187	1,506,303	10,836	2,878,226	1,361,087	267	.....	.....	.....	.....	267	.....	16
21,453	11,114	102,294	5,776	4,165	3,926	216,104	3,564	537,320	317,652	179	.....	.....	.....	.....	179	.....	17
21,453	8,948	88,792	.....	3,000	2,131	193,528	3,137	462,000	265,335	157	.....	.....	.....	.....	[4]157	.....	18
.....	2,166	13,502	5,776	1,165	1,795	22,576	427	75,320	52,317	22	.....	.....	.....	.....	22	.....	19
400	2,802	45,196	420	5,947	1,377	18,167	773	111,087	92,147	31	.....	.....	.....	.....	31	.....	20
28,196	21,438	137,102	50	15,036	2,164	330,950	1,916	679,927	347,061	58	.....	.....	.....	.....	58	.....	21
331,557	204,539	1,896,537	.....	.....	411,555	16,250,563	221,132	21,416,302	4,944,607	5,714	1,828	50	.....	.....	3,836	364	22
22,835	15,811	169,897	.....	.....	12,681	146,344	134,855	564,152	282,953	345	235	.....	.....	.....	110	5	23
117,740	32,314	329,032	.....	.....	72,980	2,222,951	219,839	3,968,431	1,525,641	5,969	450	.....	4	.....	5,515	260	24
398,461	274,787	1,543,908	.....	404,812	1,885,889	2,391,635	333,144	11,419,385	8,194,606	8,452	4,930	100	25	.....	3,397	197	25
198,209	45,550	575,753	2,250	45,622	2,167,903	3,850,683	63,819	9,141,529	5,227,027	4,310	482	.....	529	.....	3,299	.....	26
210,658	259,255	960,111	.....	25,895	326,102	1,849,067	18,082	4,583,473	2,716,324	1,413	10	.....	.....	.....	1,403	93	27
34,816	31,892	204,523	6,550	30,185	4,271	241,121	3,692	706,538	461,725	122	.....	.....	.....	.....	122	.....	28
2,762	3,817	3,283	.....	1,566	653	14,112	186	37,296	22,998	20	.....	.....	.....	.....	20	.....	29
1,256,958	993,470	22,848,743	506,979	58,608	1,278,546	10,211,565	327,525	47,310,762	36,771,672	68,842	52,658	11,102	1,238	570	3,274	16,587	30
819,007	693,074	7,935,119	22,721	138,434	309,995	27,894,366	321,823	42,832,201	14,616,012	34,246	13,184	590	227	45	20,200	4,090	31
115,312	67,910	732,036	37,304	26,830	30,252	1,011,778	48,771	2,829,544	1,768,995	3,876	291	.....	58	157	3,370	35	32
27,236	16,761	261,047	34,044	16,053	7,697	389,701	18,832	1,129,906	721,373	975	.....	.....	58	7	910	.....	33
88,076	51,149	470,989	3,260	10,777	22,555	622,077	29,939	1,699,638	1,047,622	2,901	291	.....	.....	150	2,460	35	34
186,524	96,468	664,653	2,019	33,223	48,839	2,467,605	18,148	4,156,514	1,670,761	1,170	.....	.....	.....	.....	1,170	.....	35
117,296	158,553	764,023	3,400	96,569	34,655	2,103,047	13,866	3,901,950	1,785,037	188	.....	.....	.....	.....	188	.....	36
16,950	19,890	85,111	1,806	9,396	23,042	262,475	678	454,974	191,821	24	.....	.....	.....	.....	24	.....	37
64,306	108,315	465,757	1,100	55,073	6,831	1,399,722	7,760	2,522,753	1,115,271	70	.....	.....	.....	.....	70	.....	38
28,810	20,886	103,463	459	6,798	3,784	273,396	1,234	499,336	224,706	22	.....	.....	.....	.....	22	.....	39
7,230	9,462	109,692	35	25,302	998	167,454	4,194	424,887	253,239	72	.....	.....	.....	.....	72	.....	40
95,296	84,462	547,387	1,880	38,589	90,327	1,665,723	47,465	3,517,905	1,804,717	1,617	256	.....	130	15	1,216	.....	41
84,886	76,655	458,064	1,880	33,022	74,382	1,284,619	34,492	2,761,955	1,442,844	1,031	46	.....	89	15	881	1	42
10,410	7,807	89,323	.....	5,567	15,945	381,104	12,973	755,950	361,873	586	210	.....	41	.....	335	.....	43
35,630	23,894	285,845	22,720	1,515	6,537	152,163	46,783	606,729	407,783	2,562	240	.....	340	125	1,857	.....	44
6,219	2,118	76,598	.....	6,960	12,166	195,342	4,693	361,010	160,975	111	.....	.....	.....	.....	111	.....	45
17,520	4,820	225,315	770	19,923	68,615	109,299	6,725	525,466	409,442	333	.....	.....	.....	.....	333	.....	46
11,655	5,250	12,937	2,968	2,575	915	87,716	1,072	162,629	73,841	34	10	.....	.....	.....	24	.....	47
4,000	1,900	94,677	8,392	5,238	372	69,773	2,515	222,236	149,948	96	.....	.....	.....	.....	96	.....	48
141,094	104,876	589,061	250	18,918	361,543	13,875,248	93,885	16,777,388	2,808,255	2,418	397	.....	36	4	1,981	.....	49
118,144	95,692	494,929	250	14,611	349,224	13,707,479	85,118	16,341,465	2,548,868	2,014	27	.....	12	4	1,971	.....	50
22,950	9,184	94,132	.....	4,307	12,319	167,769	8,767	435,923	259,387	404	370	.....	24	.....	10	.....	51
45,419	41,174	139,781	385	19,869	6,365	177,078	2,994	550,234	370,162	85	.....	.....	.....	.....	85	.....	52
294,872	307,088	900,199	500,000	38,691	446,964	7,310,948	78,921	11,433,902	4,044,033	3,717	350	.....	29	.....	3,338	.....	53
142,929	105,644	923,418	.....	800	262,504	2,898,742	508,838	5,805,199	2,397,619	16,275	2,610	900	.....	5,721	7,044	1,096	54
159,076	142,389	246,108	2,409	41,222	109,784	935,566	14,999	2,382,734	1,382,169	597	132	.....	2	.....	463	.....	55
82,125	82,418	147,068	1,223	26,349	98,389	515,861	4,255	1,335,077	814,961	96	8	.....	.....	.....	88	.....	56
77,551	59,971	99,040	1,186	14,873	11,395	469,705	10,744	1,047,657	567,208	501	124	.....	2	.....	375	.....	57
125,752	39,684	583,430	4,571	30,197	39,525	592,379	146,579	1,841,184	1,102,226	11,497	763	.....	347	.....	10,387	40	58
28,770	27,671	79,774	500	18,502	3,961	240,190	2,486	580,901	338,225	31	.....	.....	.....	.....	31	.....	59
1,436,958	1,428,619	8,179,397	644,530	17,667	9,338,806	136,823,769	5,052,876	213,292,194	71,415,549	60,307	26,221	381	12,939	130	20,636	1,973	60
62,080	54,153	247,976	3,603	20,978	7,511	175,480	9,083	809,368	624,805	164	.....	.....	.....	.....	164	.....	61
.....	2,476	31,505	.....	2,881	429	17,104	577	90,295	72,614	17	.....	.....	.....	.....	17	.....	62
562,188	1,145,729	1,245,769	5,664	121,625	46,957	4,121,558	32,343	9,672,146	5,518,245	764	.....	.....	.....	.....	764	.....	63
.....	1,600	12,086	2,500	3,636	80	40,210	605	69,008	28,193	8	.....	.....	.....	.....	8	.....	64
541,063	1,089,206	1,181,136	.....	106,784	43,732	3,952,261	29,500	9,207,849	5,226,088	617	.....	.....	.....	.....	617	.....	65
21,125	54,923	52,547	3,164	11,205	3,145	129,087	2,238	395,289	263,964	139	.....	.....	.....	.....	139	.....	66

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

TABLE 36.—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	Pickles, preserves, and sauces	84	2,183	80	110	155	69	1,719					2,639	1,012	1,619	4	4	7,630,865
2	Preserves	32	1,062	25	50	83	39	865	Jy	1,275	Ap	549	1,107	453	653	1	.....	3,397,082
3	Pickles and sauces	52	1,071	55	60	72	30	854	Oc	1,460	Ap	385	1,532	559	960	3	4	3,733,783
4	Plumbers' supplies, not elsewhere specified.	7	187	4	9	1	3	170	Je [2]	175	Ap [3]	168	169	168	1	.....	.....	229,333
5	Pocketbooks	3	6	3	.....	.....	.....	3	(4)	3	(4)	3	3	3	.....	.....	.....	14,400
6	Pottery	10	339	9	18	8	8	296					321	307	13	1	.....	746,409
7	Earthen and stone ware	4	84	6	4	1	2	71	De	78	Je	67	78	77	.....	1	.....	155,172
8	All other	6	255	3	14	7	6	225	De	245	Je	194	243	230	13	.....	.....	591,237
9	Printing and publishing, book and job.	661	5,535	708	320	363	326	3,818					4,151	3,035	1,047	60	9	13,287,543
10	Job printing	616	5,025	663	274	281	253	3,554	De	3,884	Ja	3,329	3,870	2,846	965	53	6	10,791,628
11	Book publishing and printing	25	347	15	38	78	66	150	Je [2]	162	Ja	129	163	91	64	5	3	2,116,092
12	Linotype work and typesetting	20	163	30	8	4	7	114	No	130	Ja	102	118	98	18	2	.....	379,823
13	Printing and publishing, music	4	8	3	.....	.....	.....	5	(4)	5	(4)	5	5	4	1	.....	.....	6,896
14	Printing and publishing, newspapers and periodicals.	764	10,028	691	601	2,589	1,377	4,770					5,061	4,371	330	360	.....	23,729,018
15	Printing and publishing	55	3,969	35	135	1,537	445	1,816	No	2,048	Ap	1,680	1,956	1,832	68	56	.....	11,224,105
16	Printing, publishing, and job printing.	500	5,292	514	290	900	692	2,896	De	3,053	Fe	2,781	3,048	2,496	254	298	.....	11,349,486
17	Publishing without printing	209	767	142	176	152	239	58	Je	61	Ja [2]	56	57	43	8	6	.....	1,155,427
18	Pumps, not including power pumps	10	105	8	13	9	5	70	De	120	Ja	44	122	122	.....	.....	.....	371,841
19	Pumps, steam and other power	11	556	5	50	65	30	406	Au	508	Mh	314	501	501	.....	.....	.....	2,565,448
20	Refrigerators	8	106	10	7	9	6	74	Mh [2]	100	Ja	61	74	74	.....	.....	.....	295,277
21	Rice, cleaning and polishing	14	449	15	36	37	24	337	Ja	621	Se	141	585	577	7	1	.....	4,329,485
22	Roofing materials	9	703	7	25	105	60	506	De	661	Mh	392	661	599	62	.....	.....	4,665,088
23	Rubber tires, tubes, and rubber goods, not elsewhere specified.	20	752	10	71	66	92	513	No	588	Ja	427	627	555	72	.....	.....	5,315,252
24	Saddlery and harness	37	232	34	16	41	11	130	Ja	155	Au	122	159	151	8	.....	.....	937,716
25	Salt	24	510	20	37	25	12	446	No	509	Fe	393	482	434	43	2	3	4,968,367
26	Sausage, not made in slaughtering and meat-packing establishments.	30	266	60	4	20	8	174					214	184	30	.....	.....	519,893
27	Sausage	32	194	52	2	17	4	119	De	134	Mh	106	134	123	11	.....	.....	343,477
28	Sausage casings	7	72	8	2	3	4	55	De	61	Ap	51	80	61	19	.....	.....	176,416
29	Screws, machine	4	29	5	.....	.....	2	22	De	26	Mh [2]	19	26	23	3	.....	.....	38,247
30	Shipbuilding, steel	18	48,098	3	421	1,139	483	46,052					42,965	42,925	40	.....	.....	108,798,311
31	New vessels	11	47,598	.....	395	1,121	481	45,601	My	60,000	No	12,350	42,459	42,420	39	.....	.....	107,523,342
32	Repair work	7	500	3	26	18	2	451	Ja	714	Au [3]	350	506	505	1	.....	.....	1,274,969
33	Shipbuilding, wooden, including boat building.	49	1,616	55	36	30	17	1,478					1,502	1,501	1	.....	.....	4,242,372
34	New vessels	20	1,136	21	23	16	12	1,064	Mh	1,395	De	436	1,179	1,179	.....	.....	.....	2,639,298
35	Repair work	11	396	14	10	11	5	356	Ja	581	No	74	251	250	1	.....	.....	1,440,313
36	Small boats, and masts, spars, oars, and rigging.	18	84	20	3	3	.....	58	De	69	Oc	50	72	72	.....	.....	.....	162,761
37	Shirts	18	603	10	25	30	8	530	De	655	Mh	454	643	55	586	2	.....	1,185,915
38	Show cases	12	124	16	7	4	3	94	No	106	Ja [2]	73	110	110	.....	.....	.....	236,256
39	Signs and advertising novelties	32	343	30	28	35	11	239					245	199	46	.....	.....	395,733
40	Electric signs	6	89	3	10	13	3	60	De	75	Ja	48	71	71	.....	.....	.....	159,182
41	Signs, other than electric, and advertising novelties.	26	254	27	18	22	8	179	Au	196	Mh	159	174	128	46	.....	.....	236,551
42	Slaughtering and meat packing	91	4,518	75	131	754	153	3,405	Mh	3,545	Jy	3,271	3,547	3,334	209	4	.....	30,743,107
43	Smelting, copper	3	355	.....	27	26	13	289	Ja	602	Se	127	217	217	.....	.....	.....	6,138,439
44	Soap	27	819	21	35	125	30	608	No	645	My	524	621	479	142	.....	.....	6,968,144
45	Sporting and athletic goods	6	23	5	1	.....	2	15	Mh [2]	16	Ja [2]	14	14	8	6	.....	.....	32,333
46	Springs, steel, car and carriage, not made in steel works or rolling mills.	10	205	4	23	16	11	151	Se	171	Ja	111	162	116	46	.....	.....	556,187
47	Stamped and enameled ware, not elsewhere specified.	8	293	4	16	6	13	254	Se	332	Fe	191	331	310	19	2	.....	695,787
48	Statuary and art goods	24	104	39	8	2	1	54	De	89	Ja [3]	42	77	64	11	1	1	92,129
49	Steam fittings and steam and hot-water heating apparatus.	7	96	3	13	28	8	44	No	77	Mh	30	59	58	.....	1	.....	365,087
50	Steam packing	8	238	.....	27	26	14	171	Se	187	Ja	153	190	173	17	.....	.....	2,438,301
51	Stereotyping and electrotyping	4	93	3	3	2	5	80	Se	86	Fe	74	84	63	21	.....	.....	131,358
52	Stoves and hot-air furnaces	15	441	13	27	51	18	332					404	394	10	.....	.....	1,187,064
53	Stoves and ranges	11	401	7	27	46	15	306	De	369	Ja	251	369	359	10	.....	.....	1,093,568
54	Hot-air furnaces	4	40	6	.....	5	3	26	No	37	Ja	12	35	35	.....	.....	.....	93,496
55	Stoves, gas and oil	27	207	34	14	14	7	138	De	171	Mh	115	156	155	1	.....	.....	446,181
56	Structural ironwork, not made in steel works or rolling mills.	58	984	49	85	82	26	742	De	893	My	629	923	920	1	2	.....	3,813,434
57	Sugar, beet	10	1,896	.....	92	203	89	1,512	Oc	3,654	Fe	552	3,715	3,631	83	1	.....	45,839,036
58	Sulphuric, nitric, and mixed acids	4	708	.....	40	63	29	576	Fe	670	No	494	498	497	1	.....	.....	6,183,172
59	Surgical appliances	18	70	20	3	4	4	39	Jy	44	Ja	29	41	22	18	1	.....	84,481
60	Theatrical scenery	3	38	1	6	.....	6	25	Ap [2]	29	Jy	21	28	27	1	.....	.....	101,740
61	Tinware, not elsewhere specified	16	3,314	13	65	195	126	2,915	Au	3,926	My	2,378	2,959	2,081	878	.....	.....	27,885,995
62	Tobacco, cigars and cigarettes	244	2,267	291	46	214	39	1,677	De	1,939	Ja	1,486	1,952	1,045	887	20	.....	6,724,848
63	Tools, not elsewhere specified	20	140	22	10	3	4	101					123	121	.....	1	1	281,088
64	Machinists' tools	8	43	7	3	1	2	30	Se	39	Ja	22	41	39	.....	1	1	65,936
65	All other	12	97	15	7	2	2	71	De	81	Ja [2]	56	82	82	.....	.....	.....	215,152
66	Toys and games	13	118	23	.....	1	1	93	Au [3]	105	Ja	71	106	46	60	.....	.....	100,116
67	Trunks and valises	45	439	53	22	20	8	336	De	410	My	238	410	329	81	.....	.....	899,823
68	Varnishes	5	42	6	4	7	4	21	De	28	Ja	12	28	23	5	.....	.....	143,808
69	Vinegar and cider	12	128	13	10	2	6	97	No	206	My	47	153	138	6	9	.....	431,031
70	Wall plaster and composition flooring.	13	268	2	26	21	9	210	De	266	Fe	170	266	265	1	.....	.....	722,933
71	Window and door screens	11	85	10	5	8	2	60	De	87	Ja	36	78	78	.....	.....	.....	203,280
72	Window shades and fixtures	35	172	31	23	12	10	96	Se [2]	115	Fe	76	116	91	24	1	.....	613,522

[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.						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]	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
308,223	386,163	1,379,694	210	45,929	261,702	7,206,289	100,199	11,840,150	4,533,662	2,148	478	.....	16	.....	1,654	.....
136,780	207,758	723,365	206	27,329	195,179	4,387,053	49,161	6,936,774	2,500,560	701	203	.....	.....	.....	498	.....
171,443	178,405	656,329	4	18,600	66,523	2,819,236	51,038	4,903,376	2,033,102	1,447	275	.....	16	.....	1,156	.....
26,900	5,104	248,525	.....	756	5,106	352,977	45,373	696,386	298,036	430	.....	.....	.....	.....	430	.....
.....	.....	4,296	.....	924	26	3,928	131	10,709	6,650	1	.....	.....	.....	.....	1	.....
49,159	27,723	338,996	.....	1,050	5,939	180,613	77,663	849,243	590,967	547	40	.....	.....	.....	507	.....
7,550	4,550	92,186	.....	.....	2,455	25,787	27,443	213,114	159,884	118	40	.....	.....	.....	78	.....
41,609	23,173	246,810	.....	1,050	3,484	154,826	50,220	636,120	431,083	429	.....	.....	.....	.....	429	.....
850,510	829,882	4,387,233	586,228	426,277	228,834	7,663,580	114,750	19,871,377	12,093,047	4,368	75	.....	19	.....	4,274	1
747,449	655,445	4,084,050	328,395	400,441	211,318	7,419,914	103,245	18,223,774	10,700,615	4,059	.....	.....	19	.....	4,040	1
92,385	164,171	136,565	257,445	17,651	15,016	189,434	4,722	1,253,676	1,059,520	269	75	.....	.....	.....	194	.....
10,676	10,266	166,618	388	8,185	2,500	54,232	6,783	393,927	332,912	40	.....	.....	.....	.....	40	.....
.....	180	7,200	19,234	1,790	158	11,036	180	60,246	49,030	7	.....	.....	.....	.....	7	.....
1,775,903	4,485,486	5,922,396	1,127,546	484,626	515,475	9,446,955	230,062	34,342,963	24,665,946	8,373	445	.....	81	34	7,813	400
691,941	2,719,118	2,374,867	42,090	194,057	338,200	5,450,621	94,991	17,155,312	11,609,700	4,422	445	.....	6	.....	3,971	400
796,119	1,457,953	3,483,072	108,119	234,509	170,437	3,724,789	133,203	14,341,696	10,483,704	3,929	.....	.....	75	34	3,820	.....
287,843	308,415	64,457	977,337	56,060	6,838	271,545	1,868	2,845,955	2,572,542	22	.....	.....	.....	.....	22	.....
30,566	15,958	98,383	3,355	5,752	2,196	216,307	2,880	436,783	217,596	343	.....	.....	.....	.....	343	.....
185,165	175,098	590,990	3,798	11,683	126,473	1,497,104	15,673	3,419,281	1,906,504	1,247	.....	.....	35	.....	1,212	.....
18,573	12,821	112,870	2,147	2,552	3,713	294,432	1,615	501,213	205,166	113	.....	.....	.....	.....	113	.....
139,941	100,680	499,743	.....	110,485	357,460	17,094,978	74,267	20,264,263	3,095,018	4,698	850	.....	.....	.....	3,848	.....
83,440	171,278	640,781	400	2,295	122,799	2,436,678	271,900	4,568,420	1,859,842	5,500	305	.....	.....	.....	5,195	43
153,363	159,893	520,269	2,121	20,550	56,471	1,939,492	58,809	4,940,513	2,942,212	1,770	30	.....	.....	.....	1,740	.....
19,958	25,433	164,455	1,055	18,177	13,333	729,938	4,633	1,181,680	447,109	178	.....	.....	.....	.....	178	.....
94,605	38,395	537,358	4,771	38,995	53,715	959,415	125,045	2,285,927	1,201,467	2,976	755	240	783	5	1,193	410
3,550	35,451	229,654	7,917	25,324	2,657	1,325,661	21,305	1,896,276	549,220	485	100	.....	.....	.....	385	.....
2,550	27,111	174,501	7,917	19,034	2,040	1,062,168	17,159	1,510,576	431,249	325	20	.....	.....	.....	305	.....
1,000	8,340	55,153	.....	6,290	617	263,493	4,236	385,700	117,971	160	80	.....	.....	.....	80	.....
.....	1,040	19,850	.....	620	75	27,708	1,685	66,527	37,134	55	.....	.....	.....	.....	55	.....
2,693,219	2,993,992	64,526,418	129,916	251,905	5,309,432	73,023,232	1,438,343	179,151,695	104,690,120	61,264	1,025	.....	68	.....	60,171	.....
2,602,200	2,961,759	63,730,649	128,158	244,115	5,238,817	72,515,679	1,412,717	177,369,062	103,440,666	60,182	630	.....	68	.....	59,484	.....
91,019	32,233	795,769	1,758	7,790	70,615	507,553	25,626	1,782,633	1,249,454	1,082	395	.....	.....	.....	687	.....
140,126	64,405	2,356,032	3,806	31,070	26,806	2,138,282	28,842	6,730,539	4,563,415	3,367	755	.....	271	.....	2,341	.....
107,326	44,469	1,607,290	3,182	19,296	17,928	1,784,688	19,854	4,997,632	3,193,090	2,395	675	.....	105	.....	1,615	.....
28,080	17,727	666,420	.....	3,584	6,784	277,675	6,533	1,513,035	1,228,827	718	80	.....	43	.....	595	.....
4,720	2,209	82,322	624	8,190	2,094	75,919	2,455	219,872	141,498	254	.....	.....	123	.....	131	.....
65,756	60,160	386,841	17,036	15,166	20,914	1,320,576	5,585	2,172,356	846,195	135	.....	.....	.....	.....	135	.....
14,773	8,080	110,701	.....	11,770	2,896	233,774	2,721	483,706	197,211	166	.....	.....	.....	.....	166	.....
87,503	78,633	312,007	4,974	19,550	2,181	350,783	10,963	1,075,594	713,848	85	.....	.....	.....	.....	85	.....
27,346	12,476	110,034	2,732	7,233	904	106,981	1,063	370,220	262,176	16	.....	.....	.....	.....	16	.....
60,157	66,157	201,973	2,242	12,317	1,277	243,802	9,900	705,374	451,672	69	.....	.....	.....	.....	69	.....
514,953	1,405,095	4,158,193	515,394	104,603	225,957	76,877,625	538,696	92,554,164	15,137,843	13,325	2,031	.....	104	.....	11,190	523
159,295	52,771	428,241	.....	.....	74,164	1,344,798	392,353	2,531,602	794,451	5,843	375	.....	.....	.....	5,468	.....
236,552	280,660	610,405	489	8,693	147,819	8,150,285	101,812	11,295,294	2,983,197	1,520	598	.....	.....	.....	922	78
2,400	649	11,498	.....	1,690	223	19,849	532	51,923	31,542	11	.....	.....	.....	.....	11	.....
75,338	26,611	230,006	.....	21,550	15,755	381,407	23,061	921,576	517,108	262	.....	.....	.....	.....	262	.....
64,386	21,447	315,106	2,000	10,611	20,211	686,765	54,117	1,379,323	638,441	666	.....	.....	.....	.....	666	.....
6,083	1,758	79,049	532	5,895	1,122	45,521	724	195,701	150,456	3	.....	.....	.....	.....	3	.....
22,110	15,111	56,860	.....	4,260	8,232	157,610	2,640	296,978	136,728	93	.....	.....	.....	.....	93	.....
73,074	27,455	197,666	2,476	2,979	24,742	386,969	74,295	915,662	454,398	1,385	690	.....	.....	.....	695	.....
29,573	5,090	105,027	.....	3,613	1,052	43,730	7,129	274,922	224,063	167	.....	.....	.....	.....	167	.....
75,020	93,874	483,314	3,250	31,292	29,595	747,080	38,055	1,982,420	1,197,285	473	.....	.....	6	.....	467	.....
75,020	80,798	445,899	.....	27,348	28,650	659,105	37,993	1,813,718	1,116,620	462	.....	.....	6	.....	456	.....
.....	13,076	37,415	3,250	3,944	945	87,975	62	168,702	80,665	11	.....	.....	.....	.....	11	.....
34,076	22,089	196,304	10,364	14,137	4,648	400,491	3,732	842,220	437,997	127	.....	.....	.....	.....	127	.....
248,900	121,733	951,371	22,937	46,001	91,855	2,572,316	53,241	4,833,556	2,207,999	3,028	50	.....	.....	.....	2,978	.....
436,343	302,843	2,246,411	28,228	7,152	1,389,751	13,174,193	980,168	26,354,094	12,199,733	27,155	19,895	2,300	3	.....	4,957	7,279
201,607	146,029	1,053,015	7,612	.....	298,087	1,798,416	260,682	5,440,334	3,381,236	5,254	25	1,115	.....	.....	4,114	109
4,500	9,125	45,812	2,781	13,687	968	89,641	1,104	217,645	126,900	36	.....	.....	12	.....	24	.....
14,283	6,696	44,919	1,320	1,315	679	65,066	359	175,902	110,477	27	.....	.....	.....	.....	27	.....
241,323	416,752	2,915,813	.....	19,940	817,317	20,819,278	93,611	28,806,768	5,893,879	2,339	.....	.....	.....	.....	2,339	.....
114,891	372,015	1,469,836	2,222	81,423	2,622,262	4,783,575	14,088	10,767,102	5,969,439	398	20	.....	.....	.....	378	.....
13,747	6,779	148,299	1,694	9,343	1,563	126,630	6,515	417,717	284,572	241	.....	.....	.....	.....	241	.....
5,700	2,598	40,327	99	4,164	321	27,596	2,163	112,937	83,178	66	.....	.....	.....	.....	66	.....
8,047	4,181	107,972	1,595	5,179	1,242	99,034	4,352	304,780	201,394	175	.....	.....	.....	.....	175	.....
.....	3,300	84,841	2,193	5,425	1,075	83,128	1,941	216,399	131,330	61	.....	.....	.....	.....	61	.....
34,586	34,771	360,635	412	32,402	6,348	835,158	4,011	1,552,508	713,339	195	80	.....	.....	.....	115	.....
11,139	12,009	30,389	.....	1,545	2,691	289,720	1,992	412,138	120,426	17	.....	.....	.....	.....	17	.....
25,877	5,125	94,541	.....	1,800	14,016	279,975	12,021	662,115	370,119	279	.....	.....	11	.....	268	.....
96,299	32,017	249,324	.....	9,724	6,109	569,254	25,182	1,256,966	662,530	690	.....	.....	105	.....	585	.....
7,975	13,246	65,068	.....	2,742	1,269	107,012	3,121	247,217	137,084	440	.....	.....	15	.....	425	.....
44,936	23,457	111,285	813	14,946	16,173	614,329	2,517	1,067,741	450,895	150	.....	.....	.....	.....	150	.....

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

TABLE 36.—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.																	
1	Wirework, including wire rope and cable, not elsewhere specified.	26	452	34	25	57	16	320					336	325	8	3		*Dollars.* 3,149,752
2	Wire rope, cable, and woven-wire fencing.	4	263	2	18	41	10	192	Ja	267	Oc	125	207	207				2,803,826
3	All other	22	189	32	7	16	6	123	Oc	140	My	119	129	118	8	3		345,926
4	Wood, turned and carved	17	70	19	2	1	1	47	De	59	Fe	36	58	53	5			121,355
5	Wooden goods, not elsewhere specified.	16	95	19	3		2	71	De	88	Fe	58	97	82	8	7		107,537
6	Wool scouring	3	96	1	6		3	86	Au	108	Mh	28	90	56	34			198,402
7	All other industries*	152	9,639	113	370	551	252	8,353										80,962,974

* All other industries embrace—
Aeroplanes, seaplanes, and airships, and parts 2
Aluminum manufactures 2
Artists' materials 2
Asbestos, textile mill products, not including steam packing 1
Bags, paper, exclusive of those made in paper mills 2
Belting, rubber 2
Billiard tables and accessories 2
Boot and shoe findings 1
Canning and preserving, oysters 1
Card cutting and designing 1
Cardboard, not made in paper mills 1
Carriage and wagon materials 3
Carriages and sleds, children's 1
Cars, steam-railroad, not including operations of railroad companies 4
Cash registers and calculating machines 5
Charcoal, not including production in the lumber and wood distillation industries 1
Coal-tar products 1
Cordage and twine 1
Corsets 1
Cotton goods 1
Dyeing and finishing textiles, exclusive of that done in textile mills 2
Dyestuffs and extracts—natural 2
Emery and other abrasive wheels 1
Envelopes 4
Felt goods 1
Ferroalloys 2
Fireworks 1
Flax and hemp, dressed 1
Foundry supplies 1
Furs, dressed 1
Gloves and mittens, cloth, not including gloves made in textile mills 2
Glue, not elsewhere specified 2
Gold, leaf and foil 2
Hats, straw 1
Hats, wool-felt 2
Ink, printing 3
Ink, writing 1
Iron and steel, cast-iron pipe 1
Iron and steel, doors and shutters 1
Japanning 2
Jewelry and instrument cases 2
Jute goods 1
Labels and tags 1
Lead, bar, pipe, and sheet 1
Machine tools 2

	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
1	**BERKELEY**—All industries	113	2,950	94	146	271	126	2,319	Au	2,835	Mh	1,905	2,823	2,279	476	46	22	16,564,469
2	Automobile repairing	3	7	3				4	(3)	4	(3)	4	4	4				9,050
3	Bread and other bakery products	23	152	1	4	2	13	132	De	137	Je 4	128	134	95	39			311,702
4	Chemicals	4	134	1	6	8	12	107	Se	112	Ja	101	108	98	10			1,236,928
5	Foundry and machine-shop products.	8	231	4	16	35	4	172	Au	245	De	76	236	234	2			888,389
6	Patent medicines and compounds	3	10	1	2		1	6	Se 4	7	Ja 4	5	8	2	6			30,648
7	Pickles, preserves, and sauces	4	28	6		1	1	20	My	58	Fe	8	15	8	7			54,182
8	Printing and publishing, book and job.	13	77	12	5		3	57	Oc	63	De	50	52	37	13	2		181,577
9	Printing and publishing, newspapers and periodicals.	7	55	1	11	12	5	26					27	26	1			107,015
10	Printing, publishing, and job printing.	3	51	1	7	12	5	26	Ja 4	27	Jy	22	27	26	1			93,843
11	Publishing without printing	4	4		4													13,172
12	All other industries*	48	2,262	65	102	213	87	1,795					2,239	1,775	398	44	22	13,744,978

*All other industries embrace—
Aeroplanes, seaplanes, and airships, and parts 1
Agricultural implements 1
Automobile bodies and parts 1
Bookbinding and blank-book making 1
Brick and terra-cotta products 1
Canning and preserving, fruits 1
Carpets, rag 1
Confectionery 2
Copper, tin, and sheet-iron work 2
Druggists' preparations 1
Electrical machinery, apparatus, and supplies 1
Engines, steam, gas, and water 1
Fancy articles, not elsewhere specified 1
Fertilizers 1
Food preparations, macaroni, vermicelli, and noodles 1
Fur goods 1
Furniture, wood, other than rattan and willow 2
Glass, cutting, staining, and ornamenting 1
Ink, printing 1
Instruments, professional and scientific 1

1	**LONG BEACH**—All industries.	128	4,242	124	128	136	85	3,769	Mh	4,646	Oc	2,339	3,176	2,595	581			5,377,096
2	Automobile bodies and parts	7	89	5	2		1	81	De 4	93	Ja	65	93	91	2			66,163
3	Automobile repairing	30	167	35	5	5	2	120	Oc	131	Ja 4	112	123	123				191,263
4	Bread and other bakery products	13	96	19	1		1	75	Au 4	78	Ap	72	78	51	27			153,103
5	Canning and preserving, fish	6	266		28	5	6	227	Jy	406	No	68	281	72	209			1,163,933
6	Clothing, women's	3	25	5			1	19	Oc	40	Ja 4	9	31	3	28			30,057
7	Confectionery and ice cream	4	44	4	3	2		35	Jy	54	Ja 4	17	48	26	22			94,260
8	Copper, tin, and sheet-iron work	5	26	7				19	No	28	Fe	10	26	26				22,182
9	Foundry and machine-shop products.	4	35	4	2	1	1	27	Ap 4	33	No	17	36	36				176,604
10	Lumber, planing-mill products, not including planing mills connected with sawmills.	8	93	4	5	3	3	78	De	95	Ja	60	93	87	6			240,850
11	Printing and publishing, book and job.	15	38	18	3	1	1	15	Oc	18	Ja 4	12	17	16	1			85,889
12	All other industries*	33	3,363	23	79	119	69	3,073					2,350	2,064	286			3,152,792

*All other industries embrace—
Artificial stone products 2
Awnings, tents, and sails 1
Bookbinding and blank-book making 1
Brick, building 1
Chemicals 1
Coffee, roasting and grinding 1
Electrical machinery, apparatus, and supplies 1
Fancy articles, bead work 1
Flour-mill and gristmill products 1
Furniture, wood, other than rattan and willow 2
Hats, wool-felt 1
Ice 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.	
THE STATE—ALL INDUSTRIES COMBINED ANE SPECIFIED INDUSTRIES—Continued.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
112,904	108,681	408,769	510	13,298	164,170	2,933,542	33,243	4,859,839	1,893,054	1,828	.....	.....	.....	.....	1,828	.....	1
84,204	85,714	273,494	.....	1,380	139,170	2,650,658	25,610	4,259,194	1,582,926	1,602	.....	.....	.....	.....	1,602	.....	2
28,700	22,967	135,275	510	11,918	25,000	282,884	7,633	600,645	310,128	226	.....	.....	.....	.....	226	.....	3
3,600	1,263	59,623	1,412	4,870	623	60,838	3,498	201,704	137,368	160	.....	.....	.....	.....	160	.....	4
2,332	830	58,266	.....	3,125	733	94,903	1,868	181,850	85,079	180	.....	.....	6	.....	174	.....	5
12,985	3,575	86,659	4,603	9,270	1,460	94,171	17,428	268,359	156,760	391	275	.....	.....	.....	116	.....	6
1,272,436	1,264,182	9,461,620	104,953	110,734	1,718,376	153,326,852	2,041,192	182,064,960	26,696,916	26,945	2,220	7,790	114	29	16,792	11,592	7

Malt..... 2
Matches..... 2
Musical instruments, organs..... 3
Musical instruments, piano materials. 2
Nets and seines..... 1
Oakum..... 2
Oil and cake, cottonseed..... 4
Oil, essential..... 1
Oleomargarine and other butter substitutes..... 3
Paper goods, not elsewhere specified.. 3
Peanuts, grading, roasting, cleaning, and shelling..... 1
Pens, fountain and stylographic..... 1
Phonographs and graphophones..... 2
Plated ware, knives, forks, spoons, and other flat ware..... 1
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments..... 2
Printing materials..... 1
Regalia, and society badges and emblems..... 2
Safes and vaults..... 2
Saws..... 2
Scales and balances..... 1
Silk goods..... 1
Silversmithing and silverware..... 3
Smelting and refining, antimony..... 1
Smelting and refining, lead..... 1
Smelting and refining, not from the ore..... 3
Soda-water apparatus..... 3
Stationery goods, not elsewhere specified..... 2
Steel barrels, drums, and tanks..... 1
Stencils and brands..... 1
Sugar, refining, not including beet sugar..... 2
Tin plate and terneplate..... 1
Tobacco, smoking..... 1
Type founding..... 1
Typewriter supplies, ribbon..... 2
Umbrellas and canes..... 1
Upholstering materials, not elsewhere specified..... 3
Vault lights and ventilators..... 2
Washing machines and clothes wringers..... 3
Waste..... 2
Wood preserving..... 1
Wool pulling..... 2
Woolen goods..... 2

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

598,273	560,485	2,693,653	70,453	59,818	757,750	19,161,265	330,428	28,331,212	8,839,519	7,506	560	.....	.....	.....	6,946	.....	1
.....	.....	4,620	.....	125	68	3,601	432	13,256	9,223	13	.....	.....	.....	.....	13	.....	2
11,200	12,696	203,420	2,690	16,893	3,758	811,644	18,353	1,212,840	382,843	141	.....	.....	.....	.....	141	.....	3
15,488	29,274	102,000	.....	.....	40,975	664,910	59,791	1,168,263	443,562	488	115	.....	.....	.....	373	.....	4
56,008	37,792	236,671	.....	5,893	64,924	558,725	14,959	1,029,280	455,596	416	.....	.....	.....	.....	416	.....	5
3,600	1,200	3,249	.....	600	600	18,140	71	33,096	14,885	1	.....	.....	.....	.....	1	.....	6
.....	809	10,257	.....	596	183	66,355	1,400	98,658	30,903	14	.....	.....	.....	.....	14	.....	7
9,775	3,475	80,087	13,050	2,948	1,453	82,791	2,348	257,036	171,897	54	.....	.....	.....	.....	54	.....	8
26,100	20,572	51,591	41,377	3,278	2,454	35,800	1,568	214,987	177,619	29	.....	.....	.....	.....	29	.....	9
18,850	20,572	51,591	877	3,278	2,454	35,800	1,568	162,347	124,979	29	.....	.....	.....	.....	29	.....	10
7,250	.....	.....	40,500	.....	.....	.....	.....	52,640	52,640	.....	.....	.....	.....	.....	.....	.....	11
476,102	454,667	2,001,758	13,336	29,485	643,335	16,919,299	231,506	24,303,796	7,152,991	6,350	445	.....	.....	.....	5,905	.....	12

Knit goods..... 2
Leather, tanned, curried, and finished..... 1
Lumber, planing-mill products, not including planing mills connected with sawmills..... 4
Mattresses and spring beds, not elsewhere specified..... 1
Mineral and soda waters, fruit beverages..... 1
Musical instruments and materials, not specified..... 1
Musical instruments, organs..... 2
Oil, vegetable and composite..... 2
Paints..... 1
Perfumery and cosmetics..... 1
Pottery..... 1
Pumps, steam..... 1
Soap..... 2
Structural ironwork, not made in steel works or rolling mills..... 1
Tobacco, cigars..... 2
Window shades and fixtures..... 1
Wooden goods, not elsewhere specified..... 1

483,806	254,518	4,682,950	4,420	94,384	149,765	5,841,417	232,912	14,382,769	8,308,440	5,140	355	.....	2	.....	4,783	.....	1
3,680	1,040	96,551	.....	7,904	3,681	107,340	1,655	259,009	150,014	55	.....	.....	.....	.....	55	.....	2
10,785	8,369	172,477	.....	24,022	1,652	169,179	6,383	479,069	303,507	161	.....	.....	.....	.....	161	.....	3
2,400	624	90,435	.....	9,768	777	354,904	6,429	555.065	193,732	44	.....	.....	.....	.....	44	.....	4
96,983	19,719	147,255	.....	4,520	17,297	850,856	30,285	1,183,597	302,456	946	260	.....	.....	.....	686	.....	5
.....	495	15,679	.....	425	9	39,283	240	60,370	20,847	9	.....	.....	.....	.....	9	.....	6
4,950	2,500	31,299	.....	1,735	6,173	81,222	7,461	143,686	55,003	60	45	.....	.....	.....	15	.....	7
.....	.....	23,186	.....	2,964	74	43,721	218	95,318	51,379	3	.....	.....	.....	.....	3	.....	8
4,990	2,728	40,773	.....	750	840	37,220	6,737	94,420	50,463	99	.....	.....	.....	.....	99	.....	9
7,925	9,430	96,548	.....	2,550	3,701	282,193	9,312	487,521	196,016	572	.....	.....	.....	.....	572	.....	10
1,975	4,272	21,316	2,930	6,215	374	43,748	717	130,945	86,480	36	.....	.....	.....	.....	36	.....	11
350,118	205,341	3,942,431	1,490	33,531	115,187	3,831,751	163,475	10,893,769	6,898,543	3,155	50	.....	2	.....	3,103	.....	12

Jewelry..... 2
Looking-glass and picture frames..... 1
Optical goods..... 1
Paints..... 1
Pickles and sauces..... 3
Printing and publishing, newspapers and periodicals..... 2
Salt..... 1
Shipbuilding, steel, new vessels..... 1
Shipbuilding, wooden, small boats.. 1
Tobacco, cigars..... 2
Tools, not elsewhere specified..... 1
Trunks and valises..... 1
Washing machines and clothes wringers..... 1
Woolen goods..... 1

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

TABLE 36.—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.																	Dollars.
1	LOS ANGELES—All industries	2,540	59,157	2,514	2,346	4,902	2,277	47,118	De	49,222	Je	44,152	52,154	41,094	10,897	113	50	159,454,008
2	Artificial limbs	4	20	4	.....	.....	2	14	(3)	14	(3)	14	15	12	3	.....	.....	24,301
3	Artificial stone products	15	116	15	7	4	2	88	No	124	Ja	65	102	99	3	.....	.....	351,450
4	Automobile bodies and parts	104	1,274	109	73	48	42	1,002	De	1,148	Ja	829	1,196	1,151	43	2	.....	1,926,788
5	Automobiles	4	427	2	27	44	15	339	No	386	Fe	270	380	379	1	.....	.....	1,842,802
6	Automobile repairing	280	1,820	337	49	43	45	1,346	De	1,479	Ja	1,217	1,467	1,457	.....	10	.....	1,972,513
7	Awnings, tents, and sails	13	140	11	6	5	5	113	Je	146	Ja	67	129	62	66	1	.....	446,768
8	Bookbinding and blank-book making.	11	297	13	16	38	24	206	De	247	Ja	169	247	126	121	.....	.....	492,708
9	Boots and shoes	3	132	2	8	13	3	106	De	130	Fe	68	130	63	67	.....	.....	191,261
10	Boxes, set-up paper boxes and shipping containers.	7	497	2	25	17	10	443	No	655	Ap	328	603	249	352	2	.....	1,256,760
11	Boxes, wooden packing, except cigar boxes.	8	264	10	12	8	6	228	De	273	Ja	205	259	243	16	.....	.....	855,610
12	Brass, bronze, and copper products	17	240	12	14		4	202	Fe	223	No	177	203	202	1	.....	.....	548,054
13	Bread and other bakery products	170	1,812	183	71	283	96	1,179	De	1,268	Ja	1,135	1,273	970	299	.....	4	3,631,191
14	Brick and tile, terra-cotta, and fire-clay products.	11	638	4	33	23	17	561	.....		.....		770	731	39	.....	.....	2,760,725
15	Building brick	3	172	.....	12	3	3	154	De	300	Ja[4]	68	300	300	.....	.....	.....	609,296
16	Terra-cotta products	4	322	1	13	14	9	285	De	335	Fe	245	315	276	39	.....	.....	946,777
17	All other	4	144	3	8	6	5	122	Au	150	Oc	81	155	155	.....	.....	.....	1,204,652
18	Brooms, from broom corn	3	35	2	.....	4	.....	29	Oc[4]	31	Ja[4]	27	31	31	.....	.....	.....	71,960
19	Canning and preserving, fish	17	1,069	.....	61	37	16	955	Ja	1,441	Ap	290	860	292	568	.....	.....	3,743,041
20	Canning and preserving, fruits and vegetables.	24	1,305	20	38	37	35	1,175	.....		.....		2,662	792	1,870	.....	.....	3,657,595
21	Canned fruits	16	750	17	23	19	14	677	Au	1,892	Ap	122	1,557	463	1,094	.....	.....	1,642,982
22	Canned vegetables	5	492	.....	10	14	20	448	Jy	904	Mh	72	992	296	696	.....	.....	1,940,503
23	Dried fruits and vegetables	3	63	3	5	4	1	50	Au	97	My	18	113	33	80	.....	.....	74,110
24	Carpets, rag	5	22	6	.....	.....	1	15	(3)	15	(3)	15	15	15	.....	.....	.....	71,215
25	Carriages and wagons, repair work only.	4	8	5	.....	.....	.....	3	(3)	3	(3)	3	4	4	.....	.....	.....	7,736
26	Cars and general shop construction and repairs by steam-railroad companies.	4	4,415	.....	98	161	11	4,145	Ap	4,245	Ja	4,045	4,179	4,177	2	.....	.....	2,496,109
27	Chemicals	9	172	.....	14	26	19	113	Oc	164	Ap	83	123	121	2	.....	.....	1,257,073
28	Cleansing and polishing preparations	17	61	19	7	10	4	21	.....		.....		22	12	10	.....	.....	144,109
29	Cleansing preparations	8	40	11	4	6	4	15	Au[4]	17	Je[4]	13	15	9	6	.....	.....	108,530
30	Polishing preparations	9	21	8	3	4	.....	6	(3)	6	(3)	6	7	3	4	.....	.....	35,579
31	Clothing, men's	25	904	34	14	22	12	822	.....		.....		911	143	762	2	4	1,380,286
32	Regular factory products	14	820	17	13	22	12	756	.....		.....		825	115	704	2	4	1,374,882
33	Men's, youths', and boys'	7	105	9	6	16	2	72	Oc[4]	108	Fe	34	113	51	62	.....	.....	233,731
34	All other	7	715	8	7	6	10	684	Oc	792	Ja	628	712	64	642	2	4	1,141,151
35	Contract work	11	84	17	1	.....	.....	66	De	87	Oc	5	86	28	58	.....	.....	5,404
36	Clothing, women's	80	2,270	108	70	94	60	1,938	.....		.....		2,217	334	1,877	1	5	3,826,059
37	Suits, skirts, and cloaks	30	529	45	11	17	15	441	Oc	592	Au	217	534	219	315	.....	.....	1,285,243
38	Shirt waists and dresses, except house dresses.	28	1,308	33	27	52	30	1,166	Se	1,467	Ja	747	1,235	84	1,145	1	5	1,739,333
39	All other	22	433	30	32	25	15	331	De	457	Fe	232	448	31	417	.....	.....	801,483
40	Coffee, roasting and grinding	26	268	27	26	67	20	128	De	141	Je	119	139	65	74	.....	.....	1,643,721
41	Coffins, burial cases, and undertakers' goods.	5	103	3	6	6	4	84	No	95	My[4]	76	90	80	10	.....	.....	490,293
42	Confectionery and ice cream	58	2,098	60	76	251	76	1,635	.....		.....		1,842	844	985	.....	13	4,848,200
43	Confectionery	48	1,650	53	56	153	62	1,326	No	1,705	Jy	1,111	1,518	601	904	.....	13	3,332,987
44	Ice cream	10	448	7	20	98	14	309	Au	372	Fe	241	324	243	81	.....	.....	1,515,213
45	Copper, tin, and sheet-iron work	64	357	72	16	7	12	250	De	306	Mh	213	286	275	10	1	.....	641,479
46	Dairymen's, poultrymen's, and apiarists' supplies.	7	69	5	5	5	4	50	No	63	Au	39	72	65	7	.....	.....	188,918
47	Dental goods	8	33	9	.....	1	1	22	Je	24	Se	20	24	20	3	1	.....	17,390
48	Druggists' preparations	7	64	5	7	2	.....	50	My	53	Fe	46	51	22	29	.....	.....	71,156
49	Electrical machinery, apparatus, and supplies.	29	369	27	30	13	26	268	No	321	Ap	225	312	294	17	1	.....	915,963
50	Electroplating	10	104	14	3	3	4	80	De	87	Ja[4]	76	85	84	1	.....	.....	65,531
51	Enameling	3	7	3	.....	.....	.....	4	Je	8	Ja[4]	1	7	7	.....	.....	.....	8,354
52	Engraving and diesinking	8	33	11	1	.....	.....	21	De	25	Ja[4]	19	25	25	.....	.....	.....	20,459
53	Engraving, steel and copper plate, including plate printing.	11	82	11	3	3	6	59	De	78	Ja	33	76	37	38	1	.....	123,340
54	Fancy articles, not elsewhere specified.	14	142	18	1	3	4	116	.....		.....		122	46	76	.....	.....	103,533
55	Paper and wood novelties	4	48	6	1	.....	1	40	Fe[4]	41	My[4]	39	42	32	10	.....	.....	44,927
56	All other	10	94	12	.....	3	3	76	Jy	91	Fe	51	80	14	66	.....	.....	58,606
57	Feathers and plumes	3	37	2	2	2	1	30	De	44	Ja	18	29	5	19	2	3	31,259
58	Fertilizers	4	51	2	5	7	.....	37	Ja[4]	44	Oc	31	42	42	.....	.....	.....	521,831
59	Flavoring extracts	5	18	3	2	2	3	8	De	10	Je	6	12	8	4	.....	.....	34,135
60	Flour-mill and gristmill products	9	624	.....	33	182	57	352	Se[4]	399	Ap	299	386	366	19	1	.....	6,382,149
61	Food preparations, not elsewhere specified.	35	407	40	21	33	13	300	.....		.....		489	129	359	.....	1	971,725
62	Breadstuff preparations, cereals, and breakfast foods.	3	9	3	.....	.....	1	5	Ja[4]	8	Jy[4]	1	8	.....	8	.....	.....	5,786
63	Macaroni, vermicelli, and noodles	7	69	17	3	7	.....	42	No	48	Jy	37	45	32	12	.....	1	140,193
64	Peanut butter and sweetening sirups.	3	7	2	1	1	1	2	(3)	2	(3)	2	3	1	2	.....	.....	9,503
	All other food preparations—																	
65	For human consumption	17	259	16	10	17	5	211	No	477	Je	79	394	57	337	.....	.....	331,188
66	For animals and fowls	5	63	2	7	8	6	40	Je	44	Ja	33	39	39	.....	.....	.....	485,055

[1] Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
[2] Chiefly water 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.										
7,635,225	8,913,977	55,110,578	2,938,299	2,083,245	4,695,372	155,182,571	4,636,860	278,184,143	118,364,712	97,282	15,017	420	1,017	.....	80,828	3,922	1
.....	1,716	21,783	.....	3,702	111	10,228	337	49,062	38,497	15	.....	.....	.....	.....	15	.....	2
16,478	6,168	126,412	.....	5,569	2,991	129,332	2,656	356,683	224,695	178	.....	.....	38	.....	140	.....	3
210,484	78,177	1,335,202	75,089	124,807	50,318	1,970,157	25,316	4,654,877	2,659,404	1,052	.....	.....	20	.....	1,032	.....	4
73,746	78,572	404,862	110	22,236	26,478	1,352,783	8,418	2,617,509	1,256,308	215	.....	.....	48	.....	167	.....	5
97,975	90,457	1,761,981	105,008	244,466	34,094	2,392,167	50,722	5,783,026	3,340,137	1,569	.....	.....	12	.....	1,557	.....	6
18,271	16,991	108,189	175	8,605	36,606	568,478	1,148	831,157	261,531	65	.....	.....	.....	.....	65	.....	7
49,909	78,160	186,019	780	13,563	13,137	319,540	4,056	826,581	502,985	156	.....	.....	.....	.....	156	.....	8
25,069	24,342	81,719	.....	5,220	2,863	201,981	1,715	392,949	189,253	58	.....	.....	.....	.....	58	.....	9
88,847	61,124	360,666	.....	13,133	24,868	1,017,486	6,918	1,762,666	738,262	402	.....	.....	.....	.....	402	.....	10
26,445	19,251	235,061	.....	9,209	12,344	727,080	4,552	1,200,051	468,419	1,003	250	.....	.....	.....	753	380	11
61,114	15,105	282,218	6,776	9,690	16,302	862,922	22,667	1,451,580	565,991	239	.....	.....	.....	.....	239	.....	12
195,607	508,715	1,324,745	1,655	98,957	97,569	6,785,001	151,545	10,492,324	3,555,778	1,162	105	.....	.....	.....	1,057	2	13
77,245	50,240	541,853	10,045	1,290	30,505	394,731	247,530	1,618,924	976,663	2,751	1,225	.....	.....	.....	1,526	10	14
21,450	6,369	141,600	.....	420	5,883	88,852	80,631	366,919	197,436	950	250	.....	.....	.....	700	.....	15
40,649	28,488	250,430	30	420	15,173	161,324	108,517	830,984	561,143	1,006	600	.....	.....	.....	406	10	16
15,146	15,383	149,823	10,015	450	9,449	144,555	58,382	421,021	218,084	795	375	.....	.....	.....	420	.....	17
.....	2,080	40,703	.....	600	1,100	92,479	433	161,786	68,869	26	.....	.....	.....	.....	26	.....	18
243,980	82,054	676,520	.....	34,480	76,985	3,577,865	72,518	5,613,331	1,962,948	1,648	75	.....	.....	.....	1,573	.....	19
139,776	81,830	869,239	9,866	23,107	82,822	3,763,518	55,790	5,710,296	1,890,988	1,972	440	.....	170	.....	1,362	.....	20
84,630	31,116	476,104	9,866	17,286	17,053	2,348,034	27,745	3,361,913	986,134	1,296	195	.....	165	.....	936	.....	21
50,508	46,022	363,802	.....	2,191	65,105	1,387,534	24,018	2,274,667	863,115	620	245	.....	.....	.....	375	.....	22
4,638	4,692	29,333	.....	3,630	664	27,950	4,027	73,716	41,739	56	.....	.....	5	.....	51	.....	23
.....	773	14,555	445	600	847	6,791	184	52,913	45,938	35	.....	.....	.....	.....	35	.....	24
.....	.....	4,614	.....	2,040	36	6,604	717	28,954	21,633	10	.....	.....	.....	.....	10	.....	25
284,910	244,246	6,112,400	.....	.....	35,165	3,612,915	236,041	10,513,840	6,664,884	2,869	473	.....	12	.....	2,384	.....	26
31,898	53,817	144,842	.....	3,330	24,544	724,304	45,910	1,487,991	717,777	928	15	.....	15	.....	898	.....	27
15,833	18,100	19,350	120	6,038	11,967	288,017	556	449,965	161,392	47	.....	.....	.....	.....	47	.....	28
8,633	12,379	13,183	.....	3,815	11,237	234,541	228	338,511	103,742	21	.....	.....	.....	.....	21	.....	29
7,200	5,721	6,167	120	2,223	730	53,476	328	111,454	57,650	26	.....	.....	.....	.....	26	.....	30
36,268	35,118	618,666	436	22,561	15,473	1,807,543	5,023	2,750,339	937,773	165	.....	.....	.....	.....	165	.....	31
34,268	35,118	540,805	436	19,397	15,307	1,801,183	4,297	2,626,844	821,364	154	.....	.....	.....	.....	154	.....	32
5,755	17,215	76,253	.....	4,314	1,628	198,703	1,510	334,470	134,257	16	.....	.....	.....	.....	16	.....	33
28,513	17,903	464,552	436	15,083	13,679	1,602,480	2,787	2,292,374	687,107	138	.....	.....	.....	.....	138	.....	34
2,000	.....	77,861	.....	3,164	166	6,360	726	123,495	116,409	11	.....	.....	.....	.....	11	.....	35
138,913	234,411	1,633,359	24,437	87,994	56,596	5,089,432	15,575	8,386,445	3,281,438	384	.....	.....	.....	.....	384	.....	36
18,039	46,930	540,492	7,807	27,691	12,772	1,726,597	6,305	2,821,594	1,088,602	82	.....	.....	.....	.....	82	.....	37
63,772	133,653	840,111	13,211	43,193	26,024	2,674,263	6,142	4,232,882	1,552,477	200	.....	.....	.....	.....	200	.....	38
57,102	53,828	252,756	1,419	17,110	17,800	688,572	3,128	1,331,969	640,269	102	.....	.....	.....	.....	102	.....	39
95,520	114,109	109,428	50	50,300	22,966	2,720,911	11,335	3,578,120	845,874	442	.....	.....	.....	.....	442	.....	40
12,674	12,798	96,964	.....	6,396	25,115	166,827	1,830	388,323	219,666	217	.....	.....	.....	.....	217	.....	41
232,164	362,188	1,260,254	2,699	113,638	340,164	5,637,883	87,886	9,799,350	4,073,581	1,739	180	.....	.....	.....	1,559	.....	42
162,497	309,835	929,511	2,699	103,178	282,639	4,124,868	51,791	7,168,828	2,992,169	857	.....	.....	.....	.....	857	.....	43
69,667	52,353	330,743	.....	10,460	57,525	1,513,015	36,095	2,630,522	1,081,412	882	180	.....	.....	.....	702	.....	44
35,008	21,506	308,866	752	22,151	10,541	593,331	4,797	1,252,129	654,001	197	.....	.....	.....	.....	197	.....	45
10,350	10,683	40,851	.....	1,840	2,218	201,343	2,512	304,988	101,133	239	.....	.....	.....	.....	239	.....	46
.....	2,120	24,439	.....	3,175	442	41,118	294	95,071	53,659	8	.....	.....	.....	.....	8	.....	47
11,900	2,900	26,578	600	3,295	10,854	137,669	1,001	237,437	98,767	17	.....	.....	.....	.....	17	.....	48
94,789	48,419	281,616	210	24,333	55,020	1,098,389	10,337	1,981,276	872,550	892	.....	.....	.....	.....	892	.....	49
10,220	6,139	100,222	.....	7,092	6,578	20,701	4,975	203,899	178,223	147	.....	.....	.....	.....	147	.....	50
.....	.....	5,331	.....	1,245	5	3,705	706	15,174	10,763	17	.....	.....	.....	.....	17	.....	51
2,600	.....	29,103	.....	3,528	220	7,850	840	65,847	57,157	14	.....	.....	.....	.....	14	.....	52
6,450	8,045	57,067	4,000	5,980	1,287	60,676	607	210,681	149,398	23	.....	.....	.....	.....	23	.....	53
2,205	6,890	99,784	390	8,292	2,861	113,949	1,202	326,512	211,361	55	.....	.....	.....	.....	55	.....	54
2,205	700	33,682	290	3,715	2,660	52,384	606	121,840	68,850	30	.....	.....	.....	.....	30	.....	55
.....	6,130	66,102	100	4,577	201	61,565	596	204,672	142,511	25	.....	.....	.....	.....	25	.....	56
4,540	2,808	19,365	.....	1,940	274	30,645	180	75,500	44,675	2	.....	.....	.....	.....	2	.....	57
22,948	17,567	41,785	.....	10,474	12,058	314,862	5,925	478,120	157,333	621	.....	.....	.....	.....	621	.....	58
1,500	2,547	6,610	.....	1,800	1,032	17,296	514	44,603	26,793	18	.....	.....	2	.....	16	.....	59
104,771	298,903	444,015	398	2,430	131,064	11,882,157	66,950	13,791,854	1,842,747	2,910	330	.....	68	.....	2,512	.....	60
37,613	46,658	226,682	650	24,225	10,860	1,586,135	25,687	2,254,716	642,894	1,005	5	.....	.....	.....	1,000	.....	61
.....	120	2,912	.....	1,000	49	8,047	263	13,697	5,387	12	.....	.....	.....	.....	12	.....	62
6,240	7,609	35,993	600	9,565	744	264,732	6,591	375,876	104,553	158	.....	.....	.....	.....	158	.....	63
400	2,400	2,668	.....	450	140	39,487	492	62,321	22,342	.....	.....	.....	.....	.....	.....	.....	64
13,543	20,490	135,235	50	9,866	3,227	463,958	9,014	821,420	348,448	189	5	.....	.....	.....	184	.....	65
17,430	16,039	49,874	.....	3,344	6,700	809,911	9,327	981,402	162,164	646	.....	.....	.....	.....	646	.....	66

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

TABLE 36.—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.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.															
	LOS ANGELES—Con.															*Dollars.*
1	Foundry and machine-shop products	137	3,059	120	164	221	101	2,453			3,247	3,224	15	7	1	7,536,041
2	Boiler shops	4	78	3	3	6	.....	66	Oc 115	Fe 12	87	87	.....	.....	.....	127,430
3	Foundries	7	176	7	6	8	2	153	De 200	Ap 132	200	200	.....	.....	.....	313,225
4	Machine shops	113	1,604	105	109	106	62	1,222	De 1,382	Ja 1,062	1,365	1,354	5	5	1	4,390,535
5	Machine shop and foundry combined.	13	1,201	5	46	101	37	1,012	De 1,101	Ja 948	1,595	1,583	10	2	.....	2,704,851
6	Fur goods	8	117	7	2	1	.....	107	No [2] 122	Ja [2] 92	122	41	81	.....	.....	291,313
7	Furnishing goods, men's	4	151	5	10	15	5	116	De 140	Ja 81	139	18	117	.....	4	567,708
8	Furniture	73	1,749	90	62	90	54	1,453			1,808	1,611	182	15	.....	3,393,078
9	Wood, other than rattan and willow.	48	1,184	63	40	46	32	1,003	De 1,402	Ja 670	1,298	1,128	164	6	.....	2,260,593
10	Rattan and willow	7	111	6	3	1	1	100	No [2] 106	Je 90	106	105	.....	1	.....	106,889
11	Metal	4	33	4	3	1	1	24	Fe [2] 26	Ja 22	25	21	.....	4	.....	45,752
12	Store and office fixtures	14	421	17	16	42	20	326	Oc 378	Ja 243	379	357	18	4	.....	979,844
13	Gas and electric fixtures	15	149	13	16	17	9	94	De 113	Ja 81	111	110	1	.....	.....	376,173
14	Glass, cutting, staining, and ornamenting.	14	93	17	4	13	5	54	De 72	Ja 43	68	68	.....	.....	.....	358,023
15	Gloves and mittens, leather	3	74	3	7	2	1	61	Se 68	Je 46	65	31	34	.....	.....	133,870
16	Hand stamps	6	72	5	5	20	5	37	De 44	Ja [2] 35	44	36	8	.....	.....	136,029
17	Hardware	10	72	12	2	1	1	56			75	66	9	.....	.....	109,626
18	Locks, and builders' hardware	6	50	6	1	1	.....	42	Se [2] 55	Ja 28	55	53	2	.....	.....	80,653
19	All other	4	22	6	1	.....	1	14	Jy 19	Se [2] 11	20	13	7	.....	.....	28,973
20	House-furnishing goods, feather pillows and beds.	4	17	3	3	1	.....	10	Jy [2] 11	Ap [2] 9	10	8	2	.....	.....	55,146
21	Ice, manufactured	12	567	.....	28	38	24	477	Jy 565	Fe 385	472	470	2	.....	.....	5,018,396
22	Iron and steel, tempering and welding.	18	77	27	.....	2	3	45	Oc 52	Fe [2] 40	48	48	.....	.....	.....	78,094
23	Iron and steel, wrought pipe	4	357	1	16	23	8	309	Jy 359	Ja 239	289	289	.....	.....	.....	1,325,287
24	Jewelry	33	290	31	12	18	23	206	De 230	Ja 180	230	208	21	1	.....	373,209
25	Knit goods	9	210	6	17	10	2	175	De 206	Ja 146	189	38	150	1	.....	408,342
26	Lapidary work	6	37	5	1	2	.....	29	Oc 44	Ja [2] 21	39	22	16	1	.....	24,970
27	Leather goods, not elsewhere specified.	6	50	5	3	1	2	39	De 75	Ja 14	67	15	48	1	3	87,054
28	Liquors, malt	3	295	.....	20	26	4	245	Se 295	De 209	209	209	.....	.....	.....	3,017,466
29	Looking-glass and picture frames	13	74	12	4	2	1	55	No 59	Fe [2] 53	58	51	7	.....	.....	65,398
30	Lubricating greases	3	13	4	2	3	1	3	(4) 3	(4) 3	3	3	.....	.....	.....	32,400
31	Lumber, planing-mill products, not including planing mills connected with sawmills.	45	1,458	32	70	123	38	1,195	De 1,417	Ja 936	1,380	1,376	4	.....	.....	4,432,848
32	Marble and stone work	18	130	17	5	9	5	94			118	118	.....	.....	.....	359,897
33	Monuments and tombstones	11	39	12	1	4	1	21	Ap [2] 25	Au [2] 18	22	22	.....	.....	.....	93,500
34	Other marble and stone work, except slate.	7	91	5	4	5	4	73	Oc 115	Ja [2] 49	96	96	.....	.....	.....	266,397
35	Mattresses and spring beds, not elsewhere specified.	14	298	16	17	25	9	231	De 303	Ja 143	303	246	54	1	2	932,110
36	Millinery and lace goods, not elsewhere specified.	31	509	34	16	18	12	429			452	52	399	.....	1	488,323
37	Embroideries	3	11	4	.....	.....	.....	7	Jy [2] 10	Ap [2] 5	10	4	6	.....	.....	4,144
38	All other	28	498	30	16	18	12	422	Oc 448	Ja 346	442	48	393	.....	1	484,179
39	Mineral and carbonated waters	18	96	22	5	7	5	57	Au 69	Fe [2] 50	57	53	3	1	.....	374,652
40	Mirrors, framed and unframed, not elsewhere specified.	3	20	3	2	.....	2	13	Mh [2] 14	My 10	13	13	.....	.....	.....	17,360
41	Models and patterns, not including paper patterns.	18	99	22	6	2	.....	69	De 76	Ja [2] 63	74	71	2	1	.....	66,521
42	Musical instruments and materials, not elsewhere specified.	6	23	8	.....	.....	1	14	De 19	Ja 9	27	19	8	.....	.....	44,955
43	Optical goods	8	111	5	12	18	4	72	De 76	Ja [2] 71	76	70	6	.....	.....	171,974
44	Paints	15	199	9	19	29	17	125	Jy [2] 149	Ja 73	146	134	12	.....	.....	823,909
45	Patent medicines and compounds	34	104	30	15	21	7	31			39	24	15	.....	.....	175,772
46	Patent and proprietary medicines.	17	32	18	4	1	2	7	De 9	Ja [2] 6	10	3	7	.....	.....	36,420
47	Patent and proprietary compounds, not elsewhere specified.	17	72	12	11	20	5	24	Jy [2] 27	Ja 19	29	21	8	.....	.....	139,352
48	Perfumery and cosmetics	16	64	16	4	4	9	31	Fe [2] 41	Au 22	47	12	35	.....	.....	86,328
49	Petroleum, refining	8	223	.....	16	38	14	155	De 175	Ja 134	175	171	4	.....	.....	4,539,988
50	Photo-engraving	8	88	6	7	9	6	60	De 66	Ja 51	67	65	1	1	.....	125,423
51	Photographic materials	16	690	9	36	169	36	390			409	375	33	1	.....	1,895,713
52	Motion-picture films not exposed, and motion-picture projection films.	8	621	3	33	162	64	359	Je 385	Mh 330	375	352	23	.....	.....	1,839,598
53	All other	8	69	6	3	7	22	31	No [2] 34	Ja [2] 29	34	23	10	1	.....	56,115
54	Pickles, preserves, and sauces	22	299	24	14	20	6	235			377	140	237	.....	.....	776,831
55	Preserves	9	185	11	9	10	4	151	Jy 265	Ja 89	153	77	76	.....	.....	477,019
56	Pickles and sauces	13	114	13	5	10	2	84	Se [2] 220	De 28	224	63	161	.....	.....	299,812
57	Printing and publishing, book and job.	207	1,927	201	99	161	101	1,365			1,485	1,078	373	30	4	3,587,952
58	Job printing	194	1,793	194	88	139	74	1,298	De 1,414	Ja 1,229	1,414	1,021	361	28	4	3,317,997
59	Book publishing and printing	8	62	4	5	21	23	9	Se [2] 11	Ja [2] 6	11	6	5	.....	.....	134,698
60	Linotype work and typesetting	5	72	3	6	1	4	58	No 72	Se 52	60	51	7	2	.....	135,257
61	Printing and publishing, newspapers and periodicals.	110	3,019	79	159	863	612	1,306			1,414	1,374	28	12	.....	6,777,665
62	Printing and publishing	12	1,599	4	39	603	193	760	De 857	Ap 680	856	844	12	.....	.....	3,940,451
63	Printing, publishing, and job printing.	35	1,093	26	48	205	275	539	Oc [2] 551	Fe 517	551	525	15	11	.....	2,600,869
64	Publishing without printing	63	327	49	72	55	144	7	(4) 7	(4) 7	7	5	1	1	.....	236,345

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

EXPENSES.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.						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.[4]	Rented.[3]		
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
518,835	358,768	2,966,252	922,401	95,631	246,676	5,277,725	214,407	11,612,877	6,120,745	5,870	235	.....	404	.....	5,231	78	1
6,900	5,100	70,923	.....	2,940	3,440	60,173	2,703	234,056	171,150	65	.....	.....	25	.....	40	.....	2
40,547	11,116	205,750	.....	1,237	39,426	284,182	30,280	734,261	419,799	314	.....	.....	.....	.....	314	.....	3
318,238	186,725	1,540,346	22,401	81,771	123,908	3,292,066	97,049	6,659,417	3,270,302	2,986	235	.....	291	.....	2,460	78	4
153,150	155,827	1,149,233	900,000	9,683	79,902	1,641,304	84,375	3,985,143	2,259,464	2,505	.....	.....	88	.....	2,417	.....	5
7,025	1,600	119,465	1,026	10,510	2,234	345,107	615	592,781	247,059	29	.....	.....	.....	.....	29	.....	6
26,214	52,616	94,072	1,190	8,399	3,357	610,600	869	993,136	381,667	12	.....	.....	.....	.....	12	.....	7
163,787	187,901	1,554,287	13,603	68,252	60,530	2,657,159	21,019	5,836,548	3,218,370	2,431	.....	.....	.....	.....	2,431	.....	8
99,662	120,295	1,017,374	5,217	53,587	45,858	1,976,021	15,605	4,149,188	2,157,562	1,909	.....	.....	.....	.....	1,909	.....	9
11,395	4,408	99,609	600	7,645	841	73,773	508	255,633	181,352	21	.....	.....	.....	.....	21	.....	10
5,351	1,770	23,072	733	2,152	629	31,589	843	82,462	50,030	24	.....	.....	.....	.....	24	.....	11
47,379	61,428	414,232	7,053	4,368	13,202	575,776	4,063	1,409,265	829,426	477	.....	.....	.....	.....	477	.....	12
36,402	34,006	107,795	360	21,989	3,519	257,064	2,923	549,632	289,645	83	.....	.....	.....	.....	83	.....	13
12,825	17,515	78,584	9,000	15,296	6,234	353,400	1,483	628,511	273,628	60	.....	.....	.....	.....	60	.....	14
22,000	4,235	53,130	500	2,380	1,037	93,363	303	217,599	123,933	9	.....	.....	.....	.....	9	.....	15
12,230	33,746	50,967	.....	6,040	9,118	78,936	736	248,996	169,324	46	.....	.....	.....	.....	46	.....	16
4,015	600	71,129	110	4,584	830	59,925	4,444	182,458	118,089	116	.....	.....	.....	.....	116	.....	17
1,615	500	56,480	.....	2,664	363	39,092	3,334	114,420	71,994	64	.....	.....	.....	.....	64	.....	18
2,400	100	14,649	110	1,920	467	20,833	1,110	68,038	46,095	52	.....	.....	.....	.....	52	.....	19
5,040	1,200	7,686	600	1,215	704	63,941	1,275	94,431	29,215	51	5	.....	.....	.....	46	.....	20
87,667	88,928	546,160	.....	1,290	45,343	333,555	242,019	1,772,371	1,196,797	7,202	1,517	260	.....	.....	5,425	343	21
.....	3,900	65,174	940	9,068	626	48,136	4,064	202,687	150,487	114	.....	.....	8	.....	106	.....	22
73,485	48,097	408,785	.....	567	123,246	810,671	9,590	2,381,028	1,560,767	657	.....	.....	.....	.....	657	.....	23
28,834	37,928	277,288	16,067	23,862	9,106	268,374	2,661	877,228	606,193	97	.....	.....	.....	.....	97	.....	24
40,383	17,507	134,729	.....	8,110	7,929	439,103	2,422	734,297	292,772	58	.....	.....	.....	.....	58	.....	25
400	1,921	27,998	340	3,712	287	15,351	420	66,327	50,556	17	.....	.....	.....	.....	17	.....	26
3,982	1,667	20,471	50	3,430	285	48,279	143	110,294	61,872	23	.....	.....	.....	.....	23	.....	27
74,972	47,714	373,106	.....	48,000	251,075	348,235	51,796	1,957,960	1,557,929	1,570	910	.....	.....	.....	660	127	28
10,220	3,560	57,282	3,250	9,773	503	80,397	1,101	237,599	156,101	24	.....	.....	.....	.....	24	.....	29
2,762	3,817	3,283	.....	1,566	653	14,112	186	37,296	22,998	20	.....	.....	.....	.....	20	.....	30
209,490	198,412	1,407,117	9,268	23,031	80,240	6,115,900	41,554	9,251,981	3,094,527	7,638	3,050	50	25	.....	4,513	1,450	31
17,584	13,796	139,996	200	2,626	4,096	195,926	4,914	455,037	254,197	543	.....	.....	.....	.....	543	.....	32
1,560	4,811	35,810	200	960	1,009	39,627	2,210	127,941	86,104	146	.....	.....	.....	.....	146	.....	33
16,024	8,985	104,186	.....	1,666	3,087	156,299	2,704	327,096	168,093	397	.....	.....	.....	.....	397	.....	34
59,833	28,712	247,313	45	6,754	19,602	931,606	3,970	1,462,519	526,943	398	.....	.....	.....	.....	398	.....	35
48,860	50,427	317,205	1,594	31,759	5,475	655,002	4,008	1,338,929	679,919	60	.....	.....	.....	.....	60	.....	36
.....	.....	7,376	.....	1,300	17	5,360	96	18,084	12,628	4	.....	.....	.....	.....	4	.....	37
48,860	50,427	309,829	1,594	30,459	5,458	649,642	3,912	1,320,845	667,291	56	.....	.....	.....	.....	56	.....	38
7,250	19,209	64,516	.....	3,814	18,415	147,418	4,053	308,626	157,155	133	12	.....	.....	.....	121	.....	39
3,498	1,124	12,930	.....	1,438	118	38,807	738	70,380	30,835	16	.....	.....	.....	.....	16	.....	40
12,360	1,380	106,706	230	7,719	418	57,771	2,954	238,669	177,944	135	.....	.....	.....	.....	135	.....	41
.....	700	16,770	467	1,293	159	13,372	722	46,518	32,424	29	.....	.....	.....	.....	29	.....	42
36,319	33,008	73,679	15	7,875	4,993	83,693	1,495	297,652	212,464	42	.....	.....	.....	.....	42	.....	43
49,312	72,820	136,628	500,000	19,379	106,210	1,100,553	7,511	1,721,376	613,312	440	.....	.....	.....	.....	440	.....	44
25,265	21,059	28,385	866	10,293	3,249	118,134	844	320,377	201,399	48	4	.....	.....	.....	44	.....	45
4,260	2,680	5,580	866	3,368	1,170	32,549	125	84,161	51,487	2	.....	.....	.....	.....	2	.....	46
21,005	18,379	22,805	.....	6,925	2,079	85,585	719	236,216	149,912	46	4	.....	.....	.....	42	.....	47
7,200	10,271	26,123	500	7,401	1,137	66,189	1,165	167,245	99,891	15	.....	.....	.....	.....	15	.....	48
78,603	60,611	210,552	600,000	2,199	171,286	3,815,698	143,442	5,613,897	1,654,757	246	56	.....	.....	.....	190	1,498	49
29,200	15,214	98,997	2,401	6,620	4,718	48,268	2,456	291,599	240,875	56	.....	.....	.....	.....	56	.....	50
278,909	291,858	519,788	500	21,835	32,839	983,670	27,131	3,816,292	2,805,491	595	.....	.....	.....	.....	595	.....	51
262,709	239,279	484,225	.....	16,364	31,057	914,229	26,764	3,591,445	2,650,452	582	.....	.....	.....	.....	582	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
16,200	52,579	35,563	500	5,471	1,782	69,441	367	224,847	155,039	13	.....	.....	.....	.....	13	.....	53
37,039	41,373	175,316	.....	9,375	21,937	1,094,398	15,832	1,740,872	630,642	190	.....	.....	2	.....	188	.....	54
27,938	28,118	117,738	.....	5,613	19,198	899,842	11,615	1,375,200	463,743	87	.....	.....	.....	.....	87	.....	55
9,101	13,255	57,578	.....	2,762	2,739	194,556	4,217	365,672	166,899	103	.....	.....	2	.....	101	.....	56
276,152	330,070	1,567,644	151,770	139,177	44,069	2,927,279	32,939	6,566,963	3,606,745	1,383	.....	.....	15	.....	1,368	.....	57
257,636	247,390	1,473,390	100,755	131,279	41,813	2,906,674	30,318	6,227,516	3,290,524	1,350	.....	.....	15	.....	1,335	.....	58
12,940	77,206	6,952	51,015	5,108	718	16,905	153	171,484	154,426	22	.....	.....	.....	.....	22	.....	59
5,576	5,474	87,302	.....	2,790	1,538	3,700	2,468	167,963	161,795	11	.....	.....	.....	.....	11	.....	60
494,097	1,464,246	1,398,761	353,435	76,873	111,204	3,543,641	32,664	9,728,450	6,152,145	2,713	.....	.....	.....	.....	2,713	.....	61
224,481	1,126,352	723,459	25,305	26,498	91,512	2,405,173	24,506	5,994,001	3,564,322	2,070	.....	.....	.....	.....	2,070	.....	62
170,037	239,215	667,450	23,592	36,217	16,242	1,040,039	8,062	2,865,706	1,817,605	641	.....	.....	.....	.....	641	.....	63
99,579	98,679	7,852	304,538	14,158	3,450	98,429	96	868,743	770,218	2	.....	.....	.....	.....	2	.....	64

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

TABLE 36.—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.															
	LOS ANGELES—Continued.															*Dollars.*
1	Rubber tires, tubes, and rubber goods, not elsewhere specified.	9	110	3	15	13	5	74	Se 92	Ja 60	77	62	15	.....	.....	310,978
2	Sausage, not made in slaughtering and meat-packing establishments.	4	27	2	.....	3	1	21	Mh [2] 23	Ja [2] 20	21	20	1	.....	.....	38,432
3	Shipbuilding, wooden, new vessels.	5	256	3	13	6	1	233	Ja 424	Oc 110	149	149	.....	.....	.....	692,028
4	Shirts	4	232	1	12	18	6	195	De 224	Se 174	222	18	202	2	.....	530,094
5	Show cases	4	83	3	5	4	3	68	De 77	Ja 55	77	77	.....	.....	.....	116,986
6	Signs and advertising novelties	15	182	13	16	8	5	140	My 153	Mh 122	139	122	17	.....	.....	149,631
7	Slaughtering and meat packing	4	1,809	.....	14	389	53	1,353	Mh 1,485	My 1,223	1,452	1,289	163	.....	.....	9,925,065
8	Statuary and art goods	15	79	27	7	1	1	43	De 61	Ja 34	58	47	9	1	1	64,489
9	Steam fittings and steam and hot-water heating apparatus.	3	22	1	2	3	1	15	No 28	Jy 10	25	24	.....	1	.....	75,119
10	Stoves, gas and oil	18	91	24	6	9	2	50	No 78	Mh 35	68	68	.....	.....	.....	134,708
11	Structural ironwork, not made in steel works or rolling mills.	15	127	16	12	8	3	83	De 122	Ja [2] 71	121	121	.....	.....	.....	318,787
12	Surgical appliances	6	16	8	.....	1	1	6	Ja [2] 7	Fe [2] 5	9	5	4	.....	.....	27,248
13	Theatrical scenery	3	38	1	6	.....	6	25	Ap [2] 29	Jy 21	28	27	1	.....	.....	101,740
14	Tobacco, cigars	36	377	51	7	17	1	301	De 407	Ja 241	410	222	188	.....	.....	384,441
15	Tools, not elsewhere specified	10	85	12	8	2	1	62	.....	.....	78	77	.....	1	.....	161,346
16	Machinists'	4	26	3	3	1	.....	19	No [2] 27	Fe [2] 13	27	26	.....	1	.....	50,243
17	All other	6	59	9	5	1	1	43	My 53	Ja [2] 31	51	51	.....	.....	.....	111,103
18	Toys and games	7	48	12	.....	1	1	34	Au [2] 42	Ja 17	40	14	26	.....	.....	52,827
19	Trunks and valises	19	176	19	11	7	4	135	De 172	Ja 91	172	136	36	.....	.....	297,770
20	Wall plaster and composition flooring.	7	217	1	19	16	6	175	De 215	Fe 146	215	215	.....	.....	.....	505,465
21	Window and door screens	5	53	3	4	7	2	37	De 55	Fe [2] 25	46	46	.....	.....	.....	140,077
22	Window shades and fixtures	9	79	7	13	7	5	47	Se 64	Mh 28	61	52	8	1	.....	383,953
23	Wirework, including wire rope and cable, not elsewhere specified.	9	66	13	3	5	.....	45	De 51	Ja 39	49	46	.....	3	.....	446,561
24	Wood, turned and carved	5	26	6	.....	.....	1	19	De 26	Fe 12	27	24	3	.....	.....	40,238
25	Wooden goods, not elsewhere specified.	7	66	9	.....	.....	2	55	Ap 112	Ja 19	68	60	8	.....	.....	72,728
26	All other industries*	202	15,208	170	413	838	328	13,464	.....	.....	12,703	12,137	556	6	4	45,381,903

*All other industries embrace—

Aeroplanes, seaplanes, and airships, and parts	1
Agricultural implements	2
Artists' materials	2
Asbestos, textile-mill products, not including steam packing	1
Babbitt metal and solder	2
Baking powders	2
Baskets, and rattan and willow ware	1
Belting, leather	2
Blacking, stains, and dressings	5
Bluing	2
Boot and shoe findings	1
Boxes, cigar	1
Brushes	4
Butter	2
Buttons	2
Card cutting and designing	1
Cars and general shop construction and repairs by electric-railroad companies	2
Cars, steam-railroad, not including operations of railroad companies	1
Cash registers and parts	2
China decorating, not including that done in potteries	1
Cooperage, hogsheads and barrels	3
Cordials and flavoring sirups	3
Corsets	1
Cutlery, razors	1
Dyeing and finishing textiles, exclusive of that done in textile mills	1
Engines, steam, gas, and water	4
Envelopes	1
Ferroalloys	1
Fireworks	1
Flags and banners	1
Galvanizing	2
Gas, illuminating and heating	4
Gas and water meters	1
Gloves and mittens, cloth, not including gloves made in textile mills	1
Gold and silver, reducing and refining, not from the ore	6
Grease, soap stock	1
Hair work	7
Hats and caps, other than felt, straw, and wool	14
Hats, fur-felt	4
Hats, straw	1
Instruments, professional and scientific	4
Iron and steel, steel works and rolling mills	1
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	1
Iron and steel, doors and shutters	1
Iron and steel, forgings, not made in steel works or rolling mills	2
Ivory, shell, and bone work, not including combs and hairpins	1

1	**OAKLAND**—All industries	593	26,701	635	697	1,286	736	23,347	Au 30,396	No 12,859	27,278	23,411	3,700	94	73	118,882,298
2	Artificial stone products	3	7	4	.....	.....	.....	3	Oc 4	Jy 2	3	3	.....	.....	.....	3,700
3	Automobile bodies and parts	11	92	15	5	6	1	65	Se [2] 73	Ja 56	73	69	4	.....	.....	123,515
4	Automobile repairing	69	470	92	16	10	14	338	No 387	Ja [2] 276	382	371	11	.....	.....	720,066
5	Boxes, shipping containers and set-up paper boxes.	3	173	.....	9	6	8	150	De 175	Je 127	175	57	111	2	5	389,121
6	Brass, bronze, and copper products	6	103	6	9	6	2	80	Ja 119	Oc 70	72	72	.....	.....	.....	351,237
7	Bread and other bakery products	68	475	75	19	23	21	337	De 387	Ap 275	391	273	117	1	.....	1,009,334
8	Butter	3	19	2	1	.....	2	14	(4) 14	(4) 14	14	12	2	.....	.....	218,025
9	Canning and preserving, fruits	6	1,176	.....	34	58	40	1,044	Jy 2,851	Mh 211	2,428	796	1,530	45	57	3,783,536
10	Chemicals	4	41	2	5	4	4	26	(4) 26	(4) 26	26	26	.....	.....	.....	228,323
11	Clothing, women's, shirt waists, dresses, and wrappers.	4	73	55	2	.....	.....	16	(4) 16	(4) 16	16	12	4	.....	.....	15,400
12	Confectionery and ice cream	18	304	17	15	16	32	224	.....	.....	243	108	135	.....	.....	758,184
13	Confectionery	12	182	12	5	12	11	142	No 168	Jy 125	165	42	123	.....	.....	386,430
14	Ice cream	6	122	5	10	4	21	82	Je 97	Ja 65	78	66	12	.....	.....	371,754
15	Copper, tin, and sheet-iron work	15	97	14	1	2	1	79	Se 94	Jy 69	101	98	2	1	.....	346,287
16	Electrical machinery, apparatus, and supplies.	5	682	3	20	105	71	483	Ja 559	Se 400	458	111	347	.....	.....	1,711,526
17	Electroplating	3	10	4	.....	.....	.....	6	Se [2] 7	Ja 4	6	6	.....	.....	.....	6,500
18	Engines, steam, gas, and water	6	680	2	58	52	19	549	Ja 934	No 34	771	766	3	2	.....	3,742,743
19	Food preparations, not elsewhere specified.	9	118	15	9	4	6	84	Au 89	Ja 76	87	55	32	.....	.....	896,087
20	Foundry and machine-shop products.	30	720	26	56	47	34	557	.....	.....	730	711	18	1	.....	2,466,933
21	Boiler shops and foundries	6	326	2	31	9	4	280	De 382	Oc 93	460	457	3	.....	.....	1,058,533
22	Machine shops	24	394	24	25	38	30	277	Se 342	Oc 190	270	254	15	1	.....	1,408,400
23	Fur goods	5	16	5	.....	.....	2	9	Se [2] 12	Mh [2] 6	12	3	9	.....	.....	36,316
24	Furniture	12	158	12	7	16	4	119	.....	.....	129	108	18	3	.....	286,135
25	Wood, other than rattan and willow.	7	50	8	3	7	2	30	De 34	Mh 27	36	19	16	1	.....	104,760
26	All other	5	108	4	4	9	2	89	Au 115	Ja 68	93	89	2	2	.....	181,375
27	Gloves and mittens, leather	6	85	6	3	5	1	70	Ap 75	Jy 63	74	27	43	4	.....	184,402
28	Iron and steel, welding	5	12	5	.....	.....	.....	7	Au [2] 8	My [2] 5	8	8	.....	.....	.....	18,350

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water-power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
32,110	25,631	70,341	2,121	10,280	3,201	293,218	9,624	509,926	207,081	254	30				224		1
	5,640	30,704		3,300	393	248,815	3,750	326,055	73,490	77					77		2
70,087	14,797	357,397		10,021	5,397	224,992	4,216	717,686	488,478	592					592		3
32,878	36,411	159,053		4,454	5,401	496,569	1,344	859,361	361,448	35					35		4
6,550	8,080	83,316		3,850	1,261	140,085	1,708	260,979	128,186	91					94		5
39,210	14,039	164,004	650	11,392	1,503	186,784	9,847	538,245	341,614	65					65		6
100,919	685,972	1,368,906		5,059	90,297	21,276,931	164,884	24,799,330	3,357,515	2,441	425				2,016		7
2,963	258	62,126	532	3,999	978	38,746	404	147,182	108,032	3					3		8
2,150	4,086	19,106		900	252	43,713	626	68,904	24,565	24					24		9
10,418	12,214	61,182	4,017	7,390	1,468	147,440	880	329,261	180,941	41					41		10
19,484	11,158	95,766	3,221	4,834	2,124	227,311	5,002	431,144	198,831	244					244		11
	1,568	7,557		1,702	277	14,039	81	42,018	27,898	1					1		12
14,283	6,696	44,919	1,320	1,815	679	65,006	359	175,962	110,477	27					27		13
9,462	45,852	263,243	300	13,112	120,457	571,351	1,413	1,142,339	569,575	25					25		14
10,747	4,582	81,194	27	5,839	1,026	78,872	3,484	243,860	161,510	159					159		15
5,700	1,200	27,067		2,509	221	24,138	1,624	82,126	56,364	48					48		16
5,047	3,382	54,127	27	3,330	805	54,734	1,860	161,740	105,146	111					111		17
	3,300	26,381	1,293	2,775	901	36,976	419	96,700	59,305	12					12		18
14,094	11,690	144,869	126	9,270	3,024	400,897	1,174	699,057	290,986	39					39		19
80,455	22,839	199,753		4,875	4,201	467,990	17,954	1,016,088	530,144	466					466		20
6,775	12,346	40,733		1,890	776	72,747	1,803	160,410	85,860	256					256		21
30,109	16,098	51,228	109	3,133	11,156	304,368	1,895	531,546	225,283	127					127		22
20,400	6,542	50,814	210	2,938	12,949	385,483	7,082	623,843	231,278	227					227		23
	723	24,895	1,352	1,824	188	23,620	836	72,929	48,464	39					39		24
	830	42,636		1,825	326	72,174	1,393	122,545	48,978	142					142		25
1,812,062	1,615,382	18,010,388	69,602	210,952	1,736,098	34,880,816	2,317,904	69,131,540	31,932,820	33,211	5,675	110	178		27,248	119	26

Japanning	2
Lamps and reflectors	5
Liquors, vinous	1
Lithographing	1
Machine tools	1
Mucilage, paste, and other adhesives, not elsewhere specified	1
Musical instruments, piano materials	1
Oil, not elsewhere specified	6
Oleomargarine and other butter substitutes	1
Paper and wood pulp	1
Paving materials	1
Peanuts, grading, roasting, cleaning, and shelling	1
Pens, fountain and stylographic	1
Phonographs and graphophones	1
Photographic apparatus	2
Plumbers' supplies, not elsewhere specified	1
Pocketbooks	2
Pottery, earthen and stoneware	2
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	1
Printing and publishing, music	1
Printing materials	1
Pumps, not including power pumps	3
Pumps, steam and other power	4
Refrigerators	3
Regalia, and society badges and emblems	1
Roofing materials	4
Saddlery and harness	3
Safes and vaults	1
Saws	1
Scales and balances	3
Shipbuilding, steel	1
Silversmithing and silverware	1
Smelting and refining, antimony	1
Smelting and refining, not from the ore	2
Soap	8
Soda-water apparatus	2
Sporting and athletic goods	2
Springs, steel, automobile	3
Stamped and enameled ware, not elsewhere specified	2
Stationery goods, not elsewhere specified	2
Stereotyping and electrotyping	1
Stoves and hot-air furnaces	2
Tin plate and terneplate	1
Tinware, not elsewhere specified	4
Umbrellas and canes	1
Upholstering materials, curled hair	1
Varnishes	4
Vinegar	1
Wood preserving	1

2,428,638	2,684,875	31,579,253	493,000	534,189	4,142,194	61,374,223	2,602,741	134,755,470	70,778,506	50,040	5,458	700	372		43,510	264	1
		5,250		240	42	10,689	96	25,490	14,714	8					8		2
12,910	2,020	93,241	2,918	9,060	682	123,326	1,819	290,291	165,146	39					39		3
26,614	24,115	438,595	8,090	75,499	12,818	559,968	15,860	1,431,187	855,359	348					348		4
36,483	23,420	106,968		1,000	15,526	280,905	2,378	593,067	309,784	90					90		5
29,573	8,591	125,977		1,740	4,751	345,000	9,240	629,721	275,481	167					167		6
49,000	91,971	454,662	896	43,750	41,719	1,816,052	51,980	2,775,396	907,364	420	25		10		385	2	7
2,000	2,000	18,299		1,200	2,736	333,125	5,490	414,091	75,476	120					120		8
214,380	168,906	1,218,757		8,522	597,717	6,959,666	48,393	11,285,387	4,277,328	1,000					1,000		9
14,609	9,980	33,015		900	19,071	60,071	28,401	284,952	196,480	794	80				714		10
2,620		9,250	606	1,898	278	39,631	302	52,894	22,961	3					3	2	11
29,224	44,386	201,240	9,920	25,490	16,116	1,135,341	25,138	1,754,856	594,377	545					545		12
9,578	22,427	113,861	9,920	14,280	9,856	530,555	9,419	878,428	338,454	190					190		13
19,646	21,959	87,379		11,210	6,260	604,786	15,719	876,428	255,923	355					355		14
5,500	4,895	132,625		4,500	4,036	254,491	2,478	441,625	184,656	115			38		77		15
55,501	153,519	350,154		1,290	214,581	1,302,720	71,926	2,999,849	1,625,203	344					344		16
		8,299		1,500	32	4,872	1,031	26,597	20,694	21					21		17
149,329	100,668	809,342	301,500	9,800	43,726	1,319,034	18,680	2,645,208	1,307,494	1,519					1,519		18
23,810	17,355	85,927		6,082	12,716	467,812	21,909	979,238	489,517	384					384		19
119,418	93,678	769,957	1,526	21,404	59,677	1,230,934	38,030	2,426,491	1,157,527	1,074	15		95		904		20
47,744	17,409	356,070		240	43,447	632,725	23,367	1,190,232	534,139	288	15		50		223		21
71,674	76,260	413,887	1,526	21,184	16,230	598,208	14,663	1,236,259	623,388	786			45		741		22
	2,040	8,960	838	3,020	734	43,170	515	88,422	44,737	5					5		23
14,650	23,439	149,915	500	8,090	3,694	243,301	1,932	534,372	289,139	84					84		24
3,700	5,547	24,445	500	3,830	1,038	64,570	436	121,460	56,454	30					30		25
10,950	17,892	125,470		4,260	2,656	178,731	1,496	412,912	232,685	54					54		26
8,460	18,084	73,720	2,428	2,860	7,438	134,951	628	291,401	155,822	12					12		27
		10,912		1,701	150	9,254	1,149	34,018	23,615	15					15		28

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

TABLE 36.—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.	Number, 15th day of— Maximum month.		Number, 15th day of— Minimum month.		Wage earners dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
	OAKLAND—Con.																	*Dollars.*
1	Jewelry	3	22	4	1	.....	2	15	No [2]	18	Mh	13	18	17	.....	1	.....	14,831
2	Looking-glass and picture frames	3	36	3	1	1	1	30	(4)	30	(4)	30	30	19	11	.....	.....	41,252
3	Lumber, planing-mill products, not including planing mills connected with sawmills.	21	1,585	12	39	60	29	1,445	De	1,671	Mh	1,196	1,697	1,691	3	3	.....	6,140,038
4	Marble and stone work, monuments and tombstones.	9	22	11	1	.....	2	8	Oc	13	Ja	2	13	13	.....	.....	.....	43,575
5	Mattresses and spring beds, not elsewhere specified.	6	45	7	3	1	2	32	De	43	Fe	27	43	39	4	.....	.....	57,319
6	Millinery and lace goods, not elsewhere specified.	7	34	9	.....	.....	.....	25	.....		.....		29	1	28	.....	.....	23,430
7	Embroideries	4	10	5	.....	.....	.....	5	(4)	5	(4)	5	5	.....	5	.....	.....	5,740
8	All other	3	24	4	.....	.....	.....	20	(4)	20	(4)	20	20	1	19	.....	.....	17,690
9	Mineral and soda waters	5	46	10	2	7	.....	27	Je [2]	29	Fe	24	24	24	.....	.....	.....	85,421
10	Models and patterns, not including paper patterns.	5	25	4	1	.....	1	19	Fe [2]	22	No	12	23	22	.....	1	.....	14,950
11	Patent medicines and compounds	5	39	3	4	5	10	17	Fe	21	Ap [2]	16	18	9	9	.....	.....	93,723
12	Paving materials	3	55	4	.....	1	1	49	Au	70	Fe	14	66	66	.....	.....	.....	166,060
13	Photo-engraving	3	15	5	1	1	.....	8	Ja [2]	10	Au [2]	6	6	6	.....	.....	.....	9,975
14	Printing and publishing, book and job.	50	213	54	17	9	17	116	.....		.....		123	99	22	2	.....	608,004
15	Job printing	47	204	49	17	9	17	112	De	120	Fe	104	119	95	22	2	.....	582,684
16	All other	3	9	5	.....	.....	.....	4	(4)	4	(4)	4	4	4	.....	.....	.....	25,320
17	Printing and publishing, newspapers and periodicals.	16	512	9	27	191	74	211	.....		.....		217	203	14	.....	.....	820,215
18	Printing, publishing, and job printing.	8	495	3	25	187	73	207	Se	220	Mh	197	213	199	14	.....	.....	807,970
19	Publishing without printing	8	17	6	2	4	1	4	(4)	4	(4)	4	4	4	.....	.....	.....	12,245
20	Shipbuilding, steel	5	11,275	2	107	233	78	10,855	Je	16,460	Oc	496	12,222	12,222	.....	.....	.....	57,226,567
21	Structural ironwork, not made in steel works or rolling mills.	6	51	7	3	2	1	38	Fe	44	My	26	41	40	1	.....	.....	187,215
22	Tobacco, cigars	14	31	20	.....	.....	.....	11	Oc	16	Ja [2]	8	11	9	2	.....	.....	52,327
23	Window shades and fixtures	6	25	4	5	.....	1	15	Au [2]	16	Ja	13	16	12	4	.....	.....	56,219
24	All other industries *	135	7,159	107	216	415	255	6,166	.....		.....		6,478	5,227	1,212	28	11	35,944,857

* All other industries embrace—

Agricultural implements	1
Aluminum ware	1
Artificial limbs	2
Automobiles	2
Awnings, tents, and sails	2
Babbitt metal	1
Baking powders and yeast	1
Bookbinding and blank-book making	1
Boxes, cigar	1
Boxes, wooden packing, except cigar boxes	1
Brick, sewer pipe and draintile	2
Brushes	1
Carpets, rag	2
Carriage and wagon materials	1
Carriages and wagons, repair work only	1
Cars and general shop construction and repairs by electric-railroad companies	2
Cars and general shop construction and repairs by steam-railroad companies	1
Cash registers and calculating machines	1
Chewing gum	1
China decorating, not including that done in potteries	3
Clothing, men's	3
Coffee, roasting and grinding	1
Coffins, burial cases, and undertakers' goods	1
Cotton goods	1
Cutlery, table	1
Dairymen's supplies	1
Druggists' preparations	1
Engraving and diesinking	2
Engraving, steel and copper plate, including plate printing	1
Flavoring extracts	1
Flour-mill and gristmill products	2
Gas, illuminating and heating	2
Gas machines	1
Glass, cutting, staining, and ornamenting	8
Gloves and mittens, cloth, not including gloves made in textile mills	1
Gold, leaf and foil	1
Graphite, ground and refined	2
Grease and tallow, not including lubricating greases	1
Hair work	1

1	**SACRAMENTO**—All industries.	304	7,558	359	265	364	229	6,341	Au	7,762	Fe	5,159	7,251	5,974	1,115	78	84	18,937,156
2	Automobile bodies and parts	3	22	4	.....	.....	1	17	Je [2]	18	Ja	13	18	18	.....	.....	.....	25,791
3	Automobile repairing	61	329	82	10	8	18	211	Oc [2]	226	Ja	190	233	229	2	2	.....	379,554
4	Bread and other bakery products	35	229	51	3	3	19	153	Se	160	Ap	146	157	128	25	4	.....	392,026
5	Canning and preserving, fruits and vegetables.	5	1,440	.....	51	57	38	1,294	Au	2,709	Fe	273	1,736	758	840	56	82	3,101,608
6	Coffee, roasting and grinding	7	24	7	.....	3	2	12	(4)	12	(4)	12	12	7	4	1	.....	92,151
7	Confectionery and ice cream	13	182	9	9	15	11	138	.....		.....		187	73	114	.....	.....	647,047
8	Confectionery	8	120	5	4	13	5	102	Je	174	Au	45	161	49	112	.....	.....	231,585
9	Ice cream	5	53	4	5	2	6	36	Jy	51	Ja	19	26	24	2	.....	.....	415,462
10	Copper, tin, and sheet-iron work	10	76	12	2	3	4	55	No	73	Fe	42	67	67	.....	.....	.....	272,799
11	Flavoring extracts	3	22	2	3	1	1	15	(4)	15	(4)	15	14	10	4	.....	.....	65,690
12	Food preparations, not elsewhere specified.	8	35	14	.....	.....	.....	21	De	40	My	6	44	7	36	.....	1	31,313
13	Foundry and machine-shop products.	19	89	25	.....	4	2	58	.....		.....		76	76	.....	.....	.....	275,880
14	Machine shops	16	62	20	.....	2	2	38	De	42	Ja	33	43	43	.....	.....	.....	186,550
15	All other	3	27	5	.....	2	.....	20	De	34	Ap	13	33	33	.....	.....	.....	89,330
16	Furniture	4	9	3	.....	.....	.....	6	Oc [2]	8	Mh	4	9	8	1	.....	.....	23,346
17	Jewelry	4	7	5	.....	.....	.....	2	(4)	2	(4)	2	2	2	.....	.....	.....	4,557
18	Lumber, planing-mill products, not including planing mills connected with sawmills.	12	108	16	4	1	3	84	De	108	Mh	63	118	112	1	5	.....	330,316
19	Marble and stone work	4	13	4	.....	.....	.....	9	De	10	Ja	8	9	9	.....	.....	.....	39,462
20	Mineral and soda waters	4	35	2	3	.....	2	28	Oc	46	Ap [2]	20	25	24	1	.....	.....	348,820
21	Patent medicines and compounds	4	36	23	1	1	2	9	Fe	11	Mh	8	10	3	7	.....	.....	35,124
22	Photo-engraving	3	17	2	2	1	.....	12	My [2]	13	Ja [2]	11	12	12	.....	.....	.....	23,990
23	Pickles and sauces	4	6	4	.....	.....	.....	2	(4)	2	(4)	2	2	.....	2	.....	.....	10,448
24	Printing and publishing, book and job.	10	69	14	4	3	6	42	Je	52	Mh	37	43	39	4	.....	.....	125,767

[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.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
1,000	1,500	24,648	.....	1,320	128	4,341	247	61,410	56,822	5	.....	.....	.....	.....	5	.....
3,000	2,916	37,784	.....	2,280	400	42,793	480	90,694	47,421	12	.....	.....	.....	.....	12	.....
104,067	103,293	1,863,407	1,100	15,679	72,526	6,613,824	26,302	9,790,197	3,150,071	5,337	2,980	300	.....	.....	2,057	248
2,626	540	14,534	220	1,512	437	30,013	1,243	79,478	48,222	90	.....	.....	.....	.....	90	.....
7,800	2,985	40,465	.....	2,410	735	118,091	948	211,300	92,261	86	.....	.....	.....	.....	86	.....
.....	.....	17,781	1,600	4,792	234	6,812	381	44,799	37,606	5	.....	.....	.....	.....	5	.....
.....	.....	4,520	1,600	1,560	79	3,080	72	16,737	13,585	1	.....	.....	.....	.....	1	.....
.....	.....	13,261	.....	3,232	155	3,732	309	28,062	24,021	4	.....	.....	.....	.....	4	.....
3,100	9,010	31,429	900	4,080	1,079	121,401	4,152	240,390	114,837	41	.....	.....	.....	.....	41	.....
960	720	30,161	540	2,238	83	9,692	603	56,704	46,349	33	.....	.....	.....	.....	33	.....
10,298	19,405	15,318	.....	3,120	5,295	89,832	935	199,694	108,927	8	8	.....	.....	.....	.....	.....
.....	3,000	72,205	.....	633	6,741	14,010	4,387	107,382	88,985	488	.....	.....	.....	.....	488	.....
2,100	737	13,663	.....	1,438	67	6,409	1,048	40,283	32,826	13	.....	.....	.....	.....	13	.....
37,718	26,383	149,609	11,168	19,169	28,029	355,254	5,826	923,691	562,611	223	.....	.....	.....	.....	223	.....
37,718	26,383	145,492	10,380	18,329	27,888	354,904	5,370	905,028	544,754	220	.....	.....	.....	.....	220	.....
.....	.....	4,117	788	840	141	350	456	18,663	17,857	3	.....	.....	.....	.....	3	.....
84,604	326,770	294,379	23,982	25,416	38,457	339,031	13,303	2,161,111	1,808,777	379	.....	.....	.....	.....	379	.....
81,644	318,577	290,963	1,484	24,022	38,376	335,974	13,221	2,106,273	1,757,078	378	.....	.....	.....	.....	378	.....
.....	.....	9,185	.....	2,280	4,954	25,576	18	60,135	34,541	.....	.....	.....	.....	.....	.....	.....
.....	.....	16,912	.....	2,592	2,169	84,966	298	160,546	75,282	9	.....	.....	.....	.....	9	.....
7,805	900	7,407,286	47,918	67,753	718,494	25,473,947	1,867,438	44,875,997	17,534,612	19,116	1,415	400	164	.....	17,137	12
679,356	702,048	8,336,257	34,812	179,651	998,612	16,909,641	901,318	34,198,980	16,388,021	16,013	3,027	210	258	.....	12,518	.....
.....	1,040	25,059	203	2,328	430	32,535	1,049	87,221	53,637	13	.....	.....	.....	.....	13	.....
20,625	27,990	312,035	5,517	46,513	3,441	185,921	10,024	767,415	571,470	304	.....	.....	.....	.....	304	.....
8,724	15,931	212,619	967	29,747	3,402	903,988	22,333	1,426,170	499,849	137	.....	.....	.....	.....	137	.....
91,629	147,193	1,261,501	.....	9,799	452,586	3,098,193	59,478	8,061,266	4,903,595	906	.....	.....	.....	.....	906	.....
.....	5,234	9,950	300	6,192	617	283,930	2,056	346,596	60,610	30	.....	.....	.....	.....	30	.....
20,750	31,480	106,046	1,536	9,562	26,495	422,234	12,179	703,357	268,944	386	100	.....	.....	.....	286	.....
9,950	23,537	70,338	1,434	4,182	23,774	201,188	5,635	361,490	154,667	143	100	.....	.....	.....	43	.....
10,800	7,943	35,708	102	5,380	2,721	221,046	6,544	341,867	114,277	243	.....	.....	.....	.....	243	.....
6,600	8,882	89,958	1,953	3,819	1,636	136,523	1,099	322,902	185,280	26	.....	.....	.....	.....	26	.....
6,000	3,964	12,316	.....	2,670	1,066	49,874	191	97,221	47,156	1	.....	.....	.....	.....	1	.....
.....	.....	12,398	94	2,082	272	89,070	2,947	116,887	24,870	93	.....	.....	.....	.....	93	.....
.....	7,625	113,447	1,609	5,062	3,765	74,602	8,938	279,076	195,536	246	6	.....	10	.....	230	.....
.....	4,041	60,075	564	4,462	1,832	54,148	4,286	173,901	115,467	129	6	.....	10	.....	113	.....
.....	3,584	53,372	1,045	600	1,933	20,454	4,652	105,175	80,069	117	.....	.....	.....	.....	117	.....
.....	.....	9,399	1,990	1,212	128	10,462	495	27,921	16,964	39	.....	.....	.....	.....	39	.....
.....	.....	1,534	135	1,098	36	6,278	142	19,313	12,893	4	.....	.....	.....	.....	4	.....
5,558	4,989	113,427	627	3,907	3,310	163,533	7,069	359,321	188,719	641	200	.....	.....	.....	441	.....
.....	.....	12,467	665	384	638	15,899	488	39,266	22,879	35	.....	.....	.....	.....	35	.....
5,686	1,667	33,454	.....	2,094	5,517	84,676	3,487	184,659	96,496	86	.....	.....	.....	.....	86	.....
2,160	1,545	7,618	68	809	464	36,930	490	63,781	26,361	5	.....	.....	.....	.....	5	.....
3,900	1,754	13,966	200	1,700	343	11,356	615	42,431	30,460	11	.....	.....	.....	.....	11	.....
.....	.....	614	4	672	67	6,815	112	15,537	8,610	9	.....	.....	.....	.....	9	.....
10,188	8,577	52,237	312	6,579	1,620	82,774	1,748	232,772	148,250	63	.....	.....	.....	.....	63	.....

Hand stamps	2	Musical instruments and materials, not specified	2	Screws, machine	1	Stoves, gas and oil	2
Hardware, builders'	2	Optical goods	2	Shipbuilding, wooden, including boat building	4	Surgical appliances	2
Ice, manufactured	4	Paints	2	Shirts	1	Tinware, not elsewhere specified	1
Iron and steel, steel works and rolling mills	2	Perfumery and cosmetics	1	Signs, electric and other	2	Tools, not elsewhere specified	2
Iron and steel, forgings, not made in steel works or rolling mills	1	Pickles, preserves, and sauces	3	Silversmithing and silverware	1	Toys and games	2
Iron and steel, wrought pipe	2	Pumps, not including power pumps	2	Slaughtering and meat packing	2	Typewriter supplies, ribbon	1
Liquors, malt	2	Rice, cleaning and polishing	1	Soap	2	Wall plaster and composition flooring	1
Liquors, vinous	1	Rubber tires, tubes, and rubber goods, not elsewhere specified	1	Soda-water apparatus	1	Waste	1
Lithographing	2	Saddlery and harness	1	Springs, steel, automobile	1	Wirework, not elsewhere specified	5
Mirrors, framed and unframed, not elsewhere specified	2	Sausage, not made in slaughtering and meat-packing establishments	6	Steam packing	1	Wood, turned and carved	1
				Stereotyping and electrotyping	1	Wooden goods, not elsewhere specified	1
				Stoves and hot-air furnaces	3		

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

TABLE 36.—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.																	
	SACRAMENTO—Con.																	*Dollars.*
1	Printing and publishing, newspapers and periodicals.	15	319	14	24	95	50	136					167	152	10	5		708,051
2	Printing and publishing	5	263	4	20	89	46	104	De	129	Mh	88	129	117	10	2		554,455
3	Printing, publishing, and job printing.	6	50	6	4	5	3	32	Je [3]	36	Se	28	36	34		2		148,909
4	Publishing without printing	4	6	4		1	1						2	1		1		4,687
5	Tobacco, cigars	11	62	12	1	1		48	Ja	57	Je	43	57	45	12			42,575
6	All other industries *	65	4,429	54	148	168	70	3,989					4,253	4,195	52	5	1	11,960,841

* All other industries embrace—
Artificial limbs 1
Artificial stone products 2
Automobiles 1
Awnings, tents, and sails 2
Bookbinding and blank-book making 1
Boxes, set-up paper boxes 1
Boxes, wooden packing, except cigar boxes 2
Brass and bronze products 1
Brick, sewer pipe and draintile 1
Brooms, from broom corn 1
Butter 2
Carpets, rag 1
Carriages and wagons, repair work only 1
Cars and general shop construction and repairs by steam-railroad companies 3
Clothing, men's and youths' 1
Clothing, women's, shirt waists and dresses, except house dresses 2
Coffins, burial cases, and undertakers' goods 1
Cooperage, hogsheads and barrels 1
Dental goods 2
Electroplating 1
Engraving and diesinking 1
Engraving, steel and copper plate, including plate printing 1
Fertilizers 1
Flour-mill and gristmill products 2

1	**SAN DIEGO**—All industries	266	4,579	271	245	434	202	3,427	Se	4,333	My	2,750	3,768	2,804	949	12	3	23,174,914
2	Automobile bodies and parts	6	49	7	3		2	37	No	40	Ja [3]	34	39	39				66,902
3	Automobile repairing	45	233	59	8	7	12	147	Se	170	Ja [3]	131	169	168	1			257,711
4	Bookbinding and blank-book making.	3	12	3				9	(4)	9	(4)	9	9	4	5			37,464
5	Bread and other bakery products	24	296	25	11	30	19	211	Ja	236	Au	177	227	154	68	2	3	556,269
6	Canning and preserving, fish	8	586	3	30	8	11	534	Jy	1,105	My	186	664	156	508			1,820,647
7	Cleansing and polishing preparations	3	3	3														2,066
8	Coffee, roasting and grinding	4	30	2	7	7	4	10	(4)	10	(4)	10	10	7	3			133,168
9	Confectionery and ice cream	8	128	12	5	8	6	97					116	36	80			196,248
10	Confectionery	5	103	9	1	8	4	81	De	101	Je	63	101	23	78			155,776
11	Ice cream	3	25	3	4		2	16	Au	20	No	14	15	13	2			40,472
12	Copper, tin, and sheet-iron work	11	79	12	2	2		63	Jy	70	Mh	56	63	62	1			114,261
13	Electrical machinery, apparatus, and supplies.	3	18	2	3	2	1	10	My	12	Au [3]	8	11	10	1			34,427
14	Electroplating	3	6	4				2	(4)	2	(4)	2	3	3				5,655
15	Foundry and machine-shop products.	9	87	9	8	1	3	66					61	61				196,084
16	Machine shops	6	37	7	5		1	24	Je	29	Fe	19	23	23				82,503
17	All other	3	50	2	3	1	2	42	Ja	51	De	38	38	38				113,581
18	Furniture	5	14	4				10	Mh [3]	11	Ja [3]	9	11	11				15,947
19	Iron and steel, welding	3	9	3				6	(4)	6	(4)	6	5	5				11,042
20	Jewelry	3	13	3		1	2	7	Ja	8	Jy	6	6	6				12,085
21	Looking-glass and picture frames	3	7	1				6	(4)	6	(4)	6	5	5				15,425
22	Lumber, planing-mill products, not including planing mills connected with sawmills.	6	106	6	8	5	1	86	De	101	Fe	72	101	101				240,752
23	Marble and stone work	6	32	7	2		1	22	My	26	Ja [3]	20	23	23				52,019
24	Mattresses and spring beds, not elsewhere specified.	3	14	2	2		2	8	De	17	Se	6	22	14	8			61,576
25	Mineral and carbonated waters	4	27	7	2	1		17	Jy	23	Ja	14	14	14				49,839
26	Pickles, preserves, and sauces	3	45	2	5		1	37	De	127	Au	8	127	21	104	2		232,912
27	Printing and publishing, book and job.	30	156	37	7	20	11	81					90	77	13			298,131
28	Job printing	27	119	31	6	4	6	72	De	81	Se	65	81	68	13			275,374
29	All other	3	37	6	1	16	5	9	(4)	9	(4)	9	9	9				22,757
30	Printing and publishing, newspapers and periodicals.	9	333	10	4	157	34	128	De	138	Mh	120	143	131	4	8		686,639
31	All other industries *	64	2,296	48	138	185	92	1,833					1,849	1,696	153			18,077,645

* All other industries embrace—
Artificial stone products 1
Awnings, tents, and sails 1
Boxes, set-up paper boxes 2
Boxes, wooden packing, except cigar boxes 1
Brass and bronze products 1
Brick, building, and terra-cotta products 2
Brooms, from broom corn 1
Butter 1
Canning and preserving, fruits and vegetables 2
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 2
Clothing, women's 1
Dental goods 1
Druggists' preparations 1
Engines, steam, gas, and water 2
Engraving, steel and copper plate, including plate printing 2
Feathers and plumes 1
Fertilizers 1
Flags and banners 1
Flour-mill and gristmill products 1
Food preparations, not elsewhere specified 3

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
115,412	179,836	227,784	12,979	8,260	6,833	198,329	9,168	1,143,913	936,416	319	.....	.....	.....	.....	319	.....	1
105,655	161,353	175,627	3,277	4,714	4,511	145,672	6,700	939,811	787,439	267	.....	.....	.....	.....	267	.....	2
9,757	16,123	52,157	54	2,886	2,322	52,657	2,468	187,792	132,667	52	.....	.....	.....	.....	52	.....	3
.....	2,360	.....	9,648	660	.....	.....	.....	16,310	16,310	.....	.....	.....	.....	.....	.....	.....	4
2,000	1,500	52,688	.....	2,790	18,686	72,729	50	174,971	102,192	1	.....	.....	.....	.....	1	.....	5
380,124	252,841	5,655,740	5,653	32,372	467,260	10,942,990	757,160	19,686,984	7,986,834	12,658	2,721	210	248	.....	9,479	.....	6

Fur goods..... 1
Gas and electric fixtures..... 1
Gas, illuminating and heating..... 2
Hand stamps..... 2
Ice, manufactured..... 3
Iron and steel, steel works and rolling mills..... 1
Iron and steel, forgings, not made in steel works or rolling mills..... 1
Iron and steel, welding..... 2
Iron and steel, wrought pipe..... 1
Liquors, malt..... 2
Liquors, vinous..... 2
Mattresses and spring beds, not elsewhere specified..... 2
Mirrors, framed and unframed, not elsewhere specified..... 1
Optical goods..... 1
Photographic apparatus, motion-picture machines..... 1
Rice, cleaning and polishing..... 1
Saddlery and harness..... 1
Shipbuilding, wooden, new vessels.. 1
Slaughtering and meat packing..... 1
Structural ironwork, not made in steel works or rolling mills..... 1
Tools, not elsewhere specified..... 1
Vinegar and cider..... 1
Window shades and fixtures..... 1
Wirework, not elsewhere specified... 1

607,266	705,156	3,608,680	28,157	183,700	284,390	10,355,900	657,521	20,225,723	9,212,302	9,458	2,361	.....	41	5	7,051	.....	1
4,550	3,250	55,273	.....	11,095	414	98,990	1,130	208,772	108,652	59	.....	.....	.....	.....	59	.....	2
6,001	10,492	189,485	2,893	33,583	1,829	241,942	9,975	627,431	375,514	225	.....	.....	.....	.....	225	.....	3
.....	.....	9,061	.....	960	541	5,570	226	22,062	16,266	14	.....	.....	.....	.....	14	.....	4
31,867	41,184	227,659	5,265	20,460	7,253	908,837	25,365	1,522,135	587,933	234	6	.....	.....	.....	228	.....	5
84,193	24,607	309,234	171	13,472	18,526	1,249,469	24,350	1,995,752	721,933	936	85	.....	.....	.....	851	.....	6
.....	.....	.....	.....	180	19	9,421	52	13,534	4,061	7	.....	.....	7	.....	.....	.....	7
12,540	10,037	9,087	.....	3,420	2,790	225,328	1,581	283,865	56,956	36	.....	.....	.....	.....	36	.....	8
18,125	15,433	80,418	.....	11,449	8,000	272,655	4,451	539,703	262,597	63	.....	.....	.....	.....	63	.....	9
4,800	13,723	57,894	.....	6,973	5,920	221,716	3,477	356,980	131,787	39	.....	.....	.....	.....	39	.....	10
13,325	1,710	22,524	.....	4,476	2,080	50,939	974	182,723	130,810	24	.....	.....	.....	.....	24	.....	11
4,400	2,770	68,990	.....	5,258	1,317	112,458	1,463	250,816	136,895	27	.....	.....	.....	.....	27	.....	12
6,480	1,870	11,778	.....	1,971	887	23,378	1,485	43,093	18,230	24	.....	.....	.....	.....	24	.....	13
.....	.....	2,020	.....	543	40	915	656	8,157	6,586	15	.....	.....	.....	.....	15	.....	14
22,360	6,585	71,601	.....	3,940	5,447	79,973	6,259	256,546	170,314	170	.....	.....	2	.....	168	.....	15
10,780	720	22,438	.....	3,140	3,564	25,609	1,727	96,896	69,560	65	.....	.....	.....	.....	65	.....	16
11,580	5,865	49,163	.....	800	1,883	54,364	4,532	159,650	100,754	105	.....	.....	2	.....	103	.....	17
.....	.....	10,270	.....	1,129	90	7,027	264	23,758	16,467	13	.....	.....	.....	.....	13	.....	18
.....	.....	5,957	.....	2,270	71	12,372	76	25,097	12,649	3	.....	.....	.....	.....	3	.....	19
.....	1,036	6,210	198	1,035	140	4,337	204	22,878	18,332	6	.....	.....	.....	.....	6	.....	20
.....	.....	8,906	.....	2,040	175	7,600	137	21,650	13,913	2	.....	.....	.....	.....	2	.....	21
14,780	5,916	99,554	3,403	1,940	4,402	237,441	4,163	386,791	145,187	919	620	.....	.....	.....	299	.....	22
4,000	660	21,532	.....	666	538	18,546	2,372	79,511	58,593	123	.....	.....	.....	.....	123	.....	23
2,800	1,211	5,939	223	380	50	8,425	436	21,521	12,660	51	.....	.....	.....	.....	51	.....	24
2,600	1,696	15,959	.....	2,052	547	45,246	1,744	100,486	53,496	29	.....	.....	.....	.....	29	.....	25
10,266	1,621	31,763	.....	807	996	75,913	1,846	145,006	67,247	69	.....	.....	.....	.....	69	.....	26
10,837	11,516	75,320	5,944	11,185	2,874	116,831	3,069	335,727	215,827	99	.....	.....	4	.....	95	.....	27
8,837	9,184	68,645	3,784	10,655	2,677	116,020	2,429	306,219	187,770	96	.....	.....	4	.....	92	.....	28
2,000	2,332	6,675	2,160	530	197	811	640	29,508	28,057	3	.....	.....	.....	.....	3	.....	29
18,135	172,049	159,276	4,770	13,859	5,288	129,706	7,295	844,911	707,910	313	.....	.....	.....	.....	313	.....	30
353,332	393,223	2,133,388	5,290	40,006	222,156	6,463,520	558,922	12,446,526	5,424,084	6,021	1,650	.....	28	5	4,338	.....	31

Gas, illuminating and heating..... 1
Glass, cutting, staining, and ornamenting..... 1
Hand stamps..... 2
Hats and caps, other than felt, straw, and wool..... 1
Ice, manufactured..... 2
Lapidary work..... 1
Liquors, malt..... 1
Lumber and timber products..... 1
Mirrors, framed and unframed, not elsewhere specified..... 2
Musical instruments and materials, not specified..... 1
Photo-engraving..... 1
Rubber tires, tubes, and rubber goods, not elsewhere specified..... 1
Saddlery and harness..... 1
Salt..... 1
Shipbuilding, concrete..... 1
Shipbuilding, wooden, including boat building..... 1
Show cases..... 1
Signs, other than electric..... 2
Slaughtering and meat packing..... 1
Soap..... 2
Structural ironwork, not made in steel works or rolling mills..... 2
Tobacco, cigars..... 5
Trunks and valises..... 1
Window and door screens..... 1

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

TABLE 36.—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	**SAN FRANCISCO**—All industries.	2,360	61,258	2,451	2,420	5,322	2,515	48,550	Jy 52,622	No 39,346	53,614	40,611	12,753	159	91	*Dollars.* 228,397,893
2	Artificial flowers	4	9	4	.....	1	.....	4	De 5	My [3] 3	6	4	2	.....	.....	29,650
3	Artificial stone products	7	49	9	2	3	1	34	Au [3] 45	Ja [3] 25	43	43	.....	.....	.....	54,653
4	Automobile bodies and parts	49	396	59	13	10	17	297	De 344	Fe 264	339	328	10	1	.....	645,097
5	Automobiles	5	535	4	28	51	11	491	My 542	Ja 219	479	479	.....	.....	.....	3,701,397
6	Automobile repairing	141	1,036	185	21	27	24	779	De 834	Fe 748	838	826	9	3	.....	1,578,626
7	Awnings, tents, and sails	9	145	11	5	12	4	113	Ap 132	Ja 95	105	88	16	1	.....	402,610
8	Babbitt metal and solder	4	154	.....	21	19	10	104	No 110	Ap 93	99	99	.....	.....	.....	1,392,049
9	Bags, other than paper, not including bags made in textile mills.	6	586	1	19	53	26	487	Je 574	Ja 394	451	186	265	.....	.....	5,284,001
10	Baskets, and rattan and willow ware.	6	105	6	3	.....	1	95	Ap 125	No 57	120	45	73	2	.....	126,628
11	Bookbinding and blank-book making.	15	201	21	5	5	9	161	De 175	Fe [3] 151	175	84	90	.....	1	335,201
12	Boots and shoes	7	448	4	13	11	14	406	Oc 434	Ja 386	434	272	159	3	.....	1,253,867
13	Boxes, paper and other, not elsewhere specified.	15	669	11	37	41	22	558	.....	.....	586	186	395	3	2	1,318,497
14	Set-up paper boxes	8	427	7	24	11	11	374	No 432	Ja 331	429	124	301	2	2	633,375
15	All other	7	242	4	13	30	11	184	De 231	Mh 147	157	62	94	1	.....	685,122
16	Boxes, wooden packing, except cigar boxes.	8	454	7	23	16	7	401	Mh 418	Je [3] 389	414	353	61	.....	.....	930,306
17	Brass, bronze, and copper products.	18	257	25	18	10	3	201	Je 226	Mh 151	212	209	1	2	.....	514,186
18	Bread and other bakery products	192	2,393	261	84	240	115	1,693	.....	.....	1,828	1,232	593	1	2	6,654,411
19	Biscuit and crackers	3	511	.....	13	55	12	431	De 495	Je 399	495	161	334	.....	.....	2,122,011
20	All other	189	1,882	261	71	185	103	1,262	De 1,327	Fe 1,219	1,333	1,071	259	1	2	4,532,400
21	Brooms	7	112	19	4	15	.....	74	Mh [3] 76	Ja [3] 72	76	68	8	.....	.....	114,987
22	Brushes	3	21	2	3	.....	1	15	(4) 15	(4) 15	15	15	.....	.....	.....	41,449
23	Butter	8	103	6	8	18	16	55	Ap [3] 58	Ja 50	54	50	4	.....	.....	933,566
24	Canning and preserving, fruits and vegetables.	10	1,096	5	31	70	41	949	.....	.....	2,063	772	1,289	.....	2	3,930,131
25	Canned fruits	6	881	5	18	57	33	768	Au 1,777	Mh 130	1,765	585	1,180	.....	.....	2,593,799
26	Canned vegetables and dried fruits.	4	215	.....	13	13	8	181	Oc 369	Mh 82	298	187	109	.....	2	1,336,332
27	Carpets, rag	3	16	4	.....	.....	.....	12	Ap [3] 13	Ja [3] 10	12	8	4	.....	.....	2,575
28	Carriages and wagons, including repairs.	6	60	6	2	6	1	45	Oc [3] 56	Ja 38	55	55	.....	.....	.....	156,044
29	Cars and general shop construction and repairs by steam-railroad companies.	3	585	.....	6	5	.....	574	Fe 786	Je 507	539	519	20	.....	.....	174,017
30	Chemicals	7	112	.....	4	5	3	100	Mh 111	Jy 89	93	93	.....	.....	.....	1,057,501
31	Chocolate and cocoa products	4	295	.....	18	16	9	252	Ap 282	Jy 221	245	185	60	.....	.....	2,711,270
32	Cleansing and polishing preparations.	12	53	13	8	8	4	20	Ap [3] 21	Ja [3] 18	22	18	4	.....	.....	169,687
33	Clothing, men's	32	1,669	32	27	60	39	1,511	.....	.....	1,817	319	1,490	.....	8	2,954,048
34	Regular factory products	25	1,614	24	26	60	38	1,466	.....	.....	1,746	284	1,454	.....	8	2,944,594
35	Men's and youths'	14	742	18	16	20	19	669	De 778	Ja 606	817	151	658	.....	8	1,272,164
36	All other	11	872	6	10	40	19	797	No 933	Ap 696	929	133	796	.....	.....	1,672,430
37	Contract work	7	55	8	1	.....	1	45	Jy [3] 73	Mh 12	71	35	36	.....	.....	9,454
38	Clothing, women's	68	1,274	77	39	44	40	1,074	.....	.....	1,201	225	964	1	11	2,192,889
39	Regular factory products	65	1,236	71	39	44	40	1,042	.....	.....	1,174	224	949	1	.....	2,186,289
40	Suits, skirts, and cloaks	24	263	29	9	9	11	205	Se 232	Ja 168	239	111	128	.....	.....	409,799
41	Shirt waists and dresses, except house dresses.	26	633	26	15	24	16	552	Se 607	Ja 443	583	59	524	.....	.....	1,218,358
42	Undergarments and petticoats.	5	68	6	.....	2	3	57	No [3] 58	Ja [3] 56	58	10	48	.....	.....	90,446
43	All other	10	272	10	15	9	10	228	De 294	Fe 183	294	44	249	1	.....	467,686
44	Contract work	3	38	6	.....	.....	.....	32	Jy 39	Fe 24	27	1	15	.....	11	6,600
45	Coffee and spice, roasting and grinding.	19	1,354	9	86	457	175	627	Oc 685	Mh 573	692	409	282	1	.....	13,537,504
46	Coffins, burial cases, and undertakers' goods.	6	129	5	8	11	4	101	Ap 114	Se 88	90	61	29	.....	.....	1,114,285
47	Confectionery and ice cream	71	1,744	77	62	102	82	1,421	.....	.....	1,683	475	1,204	1	3	2,656,724
48	Confectionery	62	1,645	70	55	99	78	1,343	De 1,704	My 1,133	1,606	422	1,180	1	3	2,355,418
49	Ice cream	9	99	7	7	3	4	78	Se 83	Fe 72	77	53	24	.....	.....	301,306
50	Cooperage, hogsheads and barrels	5	318	3	15	7	17	276	Ja 351	My 242	257	250	4	3	.....	1,289,693
51	Copper, tin, and sheet-iron work	55	631	51	43	18	16	503	Ja 599	No 364	576	551	25	.....	.....	1,212,630
52	Cordials and flavoring sirups	5	18	2	4	4	2	6	Mh 13	Jy [3] 3	9	8	1	.....	.....	97,680
53	Dental goods	8	50	9	.....	.....	3	38	(4) 38	(4) 38	39	30	3	6	.....	22,891
54	Electrical machinery, apparatus, and supplies.	30	1,010	20	54	157	53	726	Oc 964	Fe 540	903	627	273	3	.....	4,277,037
55	Electroplating	7	63	12	3	.....	1	47	No 51	Ja [3] 43	50	49	1	.....	.....	62,832
56	Enameling	3	10	4	.....	.....	.....	6	Ja [3] 7	Je [3] 4	7	6	.....	1	.....	4,335
57	Engines, steam, gas, and water	4	163	1	15	35	11	101	Jy 145	No 38	143	143	.....	.....	.....	726,515
58	Engraving and diesinking	9	46	9	.....	1	3	33	Mh [3] 34	Fe [3] 32	33	25	6	2	.....	15,334
59	Engraving, steel and copper plate, including plate printing.	10	96	9	7	6	3	71	De 90	Ja 60	78	56	22	.....	.....	89,222
60	Fancy articles, not elsewhere specified.	8	110	8	7	12	3	80	.....	.....	134	66	64	4	.....	134,057
61	Metal and wood novelties	4	59	3	3	2	2	49	De 89	Fe 25	89	53	32	4	.....	55,266
62	All other	4	51	5	4	10	1	31	Se 49	Ja [3] 21	45	13	32	.....	.....	78,791
63	Fertilizers	3	178	.....	11	92	15	60	No 72	Je 51	53	46	7	.....	.....	971,428
64	Flavoring extracts	8	96	5	5	11	10	65	Au 95	Ja [3] 43	48	22	26	.....	.....	375,857
65	Flour-mill and gristmill products	4	194	1	12	53	21	107	Fe 123	Je 89	114	114	.....	.....	.....	3,001,027

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars. 8,317,772	*Dollars.* 10,599,309	*Dollars.* 59,704,342	*Dollars.* 1,734,488	*Dollars.* 3,223,138	*Dollars.* 12,816,449	*Dollars.* 255,970,690	*Dollars.* 5,447,553	*Dollars.* 417,321,277	*Dollars.* 155,903,034	99,748	13,252	2,720	607	29	83,140	4,746	1
.....	500	4,912	.....	.....	376	4,895	144	18,340	13,301	1	.....	.....	.....	.....	1	.....	2
7,550	900	49,708	.....	2,748	578	53,204	495	143,929	90,230	60	.....	.....	.....	.....	60	.....	3
36,212	24,676	424,036	5,998	55,271	5,987	483,364	16,573	1,282,621	782,684	509	.....	.....	.....	.....	509	.....	4
80,625	78,078	720,487	14,400	6,115	1,332,772	16,716,624	31,530	20,261,186	3,513,032	439	.....	.....	.....	.....	439	.....	5
56,507	56,945	1,104,259	220,251	143,959	12,981	917,127	26,260	2,874,701	1,931,314	763	.....	.....	.....	.....	763	.....	6
18,186	13,862	173,811	.....	8,392	17,652	831,496	1,143	1,435,768	603,129	49	.....	.....	.....	.....	49	.....	7
94,487	52,736	139,424	.....	10,500	29,229	2,655,505	33,371	3,208,185	519,309	242	.....	.....	.....	.....	242	.....	8
108,854	97,287	388,081	.....	27,809	542,091	11,092,168	8,395	13,414,851	2,314,288	592	.....	.....	.....	.....	592	.....	9
6,572	889	71,364	.....	15,580	3,755	178,730	1,898	318,144	137,516	240	110	.....	.....	.....	130	.....	10
10,433	19,021	199,914	25,222	15,055	1,653	200,400	2,536	605,370	402,434	126	.....	.....	.....	.....	126	.....	11
72,927	41,040	362,056	460	9,611	124,555	1,325,444	6,759	2,249,743	917,540	191	115	.....	.....	.....	76	.....	12
94,259	80,292	446,494	.....	49,781	39,331	1,150,392	13,171	2,267,252	1,103,689	549	.....	.....	.....	.....	549	.....	13
52,885	30,263	263,223	.....	28,091	27,647	434,422	5,129	1,100,758	661,207	294	.....	.....	.....	.....	294	.....	14
41,374	50,029	183,271	.....	21,690	11,684	715,970	8,042	1,166,494	442,482	255	.....	.....	.....	.....	255	.....	15
82,235	29,314	282,511	.....	30,553	30,498	702,832	8,176	1,287,638	576,630	742	450	.....	.....	.....	292	.....	16
51,850	18,666	334,638	200	22,400	6,256	534,620	16,838	1,178,210	626,752	407	.....	.....	.....	.....	407	.....	17
268,548	522,091	2,305,636	1,842	203,207	157,830	8,999,579	217,819	14,748,495	5,531,097	1,863	102	.....	2	.....	1,759	.....	18
56,375	133,513	367,772	.....	15,180	69,054	1,323,339	17,623	2,477,275	1,136,313	463	.....	.....	.....	.....	463	.....	19
212,173	388,578	1,937,864	1,842	188,027	88,776	7,676,240	200,196	12,271,220	4,394,784	1,400	102	.....	2	.....	1,296	.....	20
2,700	13,381	60,729	.....	5,135	357	194,552	1,184	322,834	127,098	28	.....	.....	.....	.....	28	.....	21
7,200	2,290	13,651	200	605	228	32,741	1,512	66,341	32,088	25	.....	.....	.....	.....	25	.....	22
26,666	41,389	75,859	.....	9,384	25,945	4,316,593	11,796	4,689,093	360,704	288	25	.....	.....	.....	263	.....	23
170,652	167,036	967,553	310	13,508	291,147	8,564,925	52,141	11,899,240	3,282,174	753	130	.....	.....	.....	623	.....	24
128,208	128,308	777,346	.....	8,556	230,109	3,325,711	40,751	5,968,547	2,602,085	505	50	.....	.....	.....	455	.....	25
42,444	38,728	190,207	310	4,952	61,038	5,239,214	11,390	5,930,693	680,089	248	80	.....	.....	.....	168	.....	26
.....	.....	9,596	.....	1,365	27	2,271	249	22,059	19,539	12	.....	.....	.....	.....	12	.....	27
5,364	5,588	53,301	.....	2,460	207	76,195	2,536	155,408	76,677	65	.....	.....	.....	.....	65	.....	28
16,858	6,704	882,632	.....	.....	636	326,852	46,354	1,280,342	907,136	150	60	.....	.....	.....	90	.....	29
9,023	12,921	106,508	.....	1,341	18,945	1,052,916	46,222	1,343,829	244,691	310	.....	.....	.....	.....	310	.....	30
82,577	55,584	251,171	.....	8,575	285,453	3,754,700	50,615	5,662,682	1,857,367	1,353	40	.....	.....	.....	1,313	.....	31
13,615	6,783	22,112	100	4,146	589	126,391	534	231,442	104,517	15	.....	.....	.....	.....	15	.....	32
97,972	190,181	1,155,993	111,311	45,129	156,731	5,293,552	18,801	8,287,615	2,975,262	479	120	.....	.....	.....	359	47	33
94,592	189,141	1,098,656	110,591	41,923	156,706	5,291,362	17,892	8,206,944	2,897,690	470	120	.....	.....	.....	350	47	34
42,626	43,164	515,050	98,438	25,911	40,251	2,557,425	7,036	3,980,588	1,416,127	146	.....	.....	.....	.....	146	.....	35
51,966	145,977	583,606	12,153	16,012	116,455	2,733,937	10,856	4,226,356	1,481,563	324	120	.....	.....	.....	204	47	36
3,380	1,040	57,337	720	3,206	25	2,190	909	80,671	77,572	9	.....	.....	.....	.....	9	.....	37
93,721	112,803	936,066	128,424	76,718	39,221	3,249,852	13,092	5,589,618	2,326,674	218	.....	.....	.....	.....	218	.....	38
93,721	112,803	912,481	127,487	75,668	39,186	3,249,802	12,452	5,555,340	2,293,086	210	.....	.....	.....	.....	210	.....	39
25,373	22,371	249,946	2,877	22,075	1,738	710,411	2,850	1,260,088	546,827	56	.....	.....	.....	.....	56	.....	40
28,718	58,489	431,173	41,441	36,376	28,844	1,451,854	5,705	2,584,234	1,126,675	98	.....	.....	.....	.....	98	.....	41
.....	9,780	32,080	51,401	4,980	1,397	354,280	704	508,003	153,019	14	.....	.....	.....	.....	14	.....	42
39,630	22,163	199,282	31,768	12,237	7,207	733,257	3,193	1,203,015	466,565	42	.....	.....	.....	.....	42	.....	43
.....	.....	23,585	937	1,050	35	50	640	34,278	33,588	8	.....	.....	.....	.....	8	.....	44
350,044	846,372	552,546	.....	102,676	320,110	16,344,001	53,485	21,784,677	5,387,191	1,851	150	.....	.....	.....	1,701	198	45
30,691	16,727	123,202	764	690	17,193	364,988	5,646	650,539	279,905	111	.....	.....	.....	.....	111	.....	46
179,437	235,752	1,090,143	1,152	152,847	149,346	4,104,790	91,525	7,229,611	3,033,296	1,614	80	.....	.....	.....	1,534	.....	47
152,192	230,392	988,007	1,152	134,403	139,429	3,523,004	69,235	6,305,653	2,713,414	1,396	80	.....	.....	.....	1,316	.....	48
27,245	5,360	102,136	.....	18,444	9,917	581,786	22,290	923,958	319,882	218	.....	.....	.....	.....	218	.....	49
67,607	32,748	397,736	.....	3,113	189,478	1,681,690	6,416	2,860,431	1,172,325	379	250	.....	.....	.....	129	.....	50
122,528	24,325	607,281	5,550	45,799	12,576	928,803	13,873	2,122,227	1,179,551	520	.....	.....	3	.....	517	.....	51
5,204	7,654	5,426	.....	4,240	6,454	137,866	173	264,819	126,780	13	.....	.....	.....	.....	13	.....	52
.....	1,460	37,668	10,961	4,338	55	68,452	1,004	149,664	80,208	8	.....	.....	.....	.....	8	1	53
151,229	275,849	725,190	15,580	37,680	39,120	1,633,011	37,731	4,281,631	2,610,889	2,104	.....	.....	.....	.....	2,104	.....	54
4,692	780	83,433	.....	7,090	478	32,329	4,981	175,390	138,080	132	.....	.....	.....	.....	132	.....	55
.....	.....	10,377	.....	1,549	28	7,130	1,423	26,393	17,840	8	.....	.....	.....	.....	8	.....	56
60,761	86,996	157,375	125	3,780	6,216	291,856	4,879	713,792	417,057	386	.....	.....	4	.....	382	.....	57
.....	3,355	34,956	700	4,508	97	19,125	637	90,000	70,238	13	.....	.....	.....	.....	13	.....	58
15,929	14,215	93,020	2,824	6,145	810	52,724	1,733	268,513	214,056	48	.....	.....	.....	.....	48	.....	59
23,500	7,868	54,502	.....	7,140	592	151,145	1,659	312,835	160,031	70	.....	.....	.....	.....	70	.....	60
5,000	4,308	28,745	.....	1,594	142	19,681	1,029	96,688	75,978	62	.....	.....	.....	.....	62	.....	61
18,500	3,560	25,757	.....	5,546	450	131,464	630	216,147	84,053	8	.....	.....	.....	.....	8	.....	62
30,037	74,962	64,759	10,988	3,008	5,828	701,727	5,345	1,059,157	352,085	293	.....	.....	.....	.....	293	.....	63
35,741	57,207	40,357	2,750	14,266	11,949	667,289	2,492	956,470	286,689	49	.....	.....	.....	.....	49	.....	64
53,713	112,587	151,580	.....	5,700	53,087	5,109,663	31,342	5,735,767	594,762	1,173	100	.....	.....	.....	1,073	.....	65

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

TABLE 36.—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.																	
	SAN FRANCISCO—Con.																	Dollars.
1	Food preparations, not elsewhere specified.	54	570	83	49	60	35	343					446	333	112	1		2,929,973
2	Macaroni, vermicelli, and noodles.	24	220	29	13	10	14	154	De	199	Ap	126	210	182	28			1,518,336
3	Sweetening sirups, other than cane.	3	18	3	2	3	2	8	Ja [2]	9	Oc [2]	5	9	7	2			32,032
	All other food preparations—																	
4	For human consumption	21	255	48	20	32	15	140	Oc	201	Mh	119	170	87	82	1		552,287
5	For animals and fowls	6	77	3	14	15	4	41	Fe	61	Oc	34	57	57				827,318
6	Foundry and machine-shop products	149	2,970	127	208	192	86	2,357					2,715	2,700	13	1	1	9,408,912
7	Boiler shops	5	275	4	20	18	3	230	Je	415	No	27	81	81				1,018,171
8	Foundries	16	685	18	31	20	17	599	Ja	804	Oc	248	763	754	9			1,605,890
9	Machine shops	123	2,010	105	157	154	66	1,528	Au	1,955	Oc	920	1,871	1,865	4	1	1	6,784,851
10	Fur goods	17	251	17	7	6	21	200	Oc	231	Ja	174	227	79	143	3	2	789,620
11	Furnishing goods, men's neckwear	4	189	5	7	19	11	147	No	197	Ja	115	169	21	148			761,145
12	Furniture	49	1,294	66	40	57	42	1,089					1,311	1,225	80	6		4,676,756
13	Wood furniture, other than rattan and willow.	21	484	35	12	13	12	412	De	487	Ja	320	487	419	64	4		1,338,147
14	Rattan and willow and metal furniture.	4	444	1	14	32	22	375	Oc	435	Mh	329	437	424	12	1		2,773,151
15	Store and office fixtures	24	366	30	14	12	8	302	Se	393	Ja	213	387	382	4	1		565,458
16	Gas and electric fixtures	8	247	7	9	47	19	165	Oc [2]	205	My [2]	145	204	187	17			680,222
17	Glass, cutting, staining, and ornamenting.	14	93	15	4	8	7	59	Se [2]	64	Ja [2]	55	61	58	3			216,078
18	Gloves and mittens, leather	11	152	12	10	8	6	116	Au	128	Ap	108	128	62	65	1		274,632
19	Grease and tallow, not including lubricating greases.	7	73	9	9	6		49	De	52	No	47	84	61	23			418,790
20	Hand stamps	6	96	5	8	18	9	56	Jy	60	Ja [2]	52	56	44	12			147,417
21	Hardware	4	56	5	3	4	2	42	De	55	Mh	29	55	55				72,640
22	Hats and caps, other than felt, straw, and wool.	15	148	13	7	3	6	119	De	145	Ap	93	146	53	89	3	1	197,923
23	House-furnishing goods, not elsewhere specified.	4	33	4	2	3	2	22	No [2]	29	Ja [2]	17	29	15	14			51,354
24	Ice, manufactured	4	221		17	6	6	192	Se	223	Jy	179	186	186				5,172,597
25	Instruments, professional and scientific.	4	72	7	4	2	1	58	Ja	61	Ap	56	58	55	3			192,030
26	Iron and steel, welding	10	45	11	3	1		30	My	40	Oc	24	33	32	1			49,530
27	Jewelry	34	478	69	8	23	10	368	De	432	Au	308	430	377	51	2		735,689
28	Knit goods	6	451	8	20	74	46	303	No	354	Ja	279	352	38	312		2	1,204,623
29	Lapidary work	3	13	5			1	7	Au [2]	8	Ja [2]	5	8	8				4,825
30	Leather goods, not elsewhere specified.	8	146	7	10	15	8	106	De	121	My	93	121	64	57			334,007
31	Leather, tanned, curried, and finished.	7	498	6	21	15	9	447	Se [2]	484	Mh	394	483	442	41			3,249,875
32	Liquors, malt	6	498		36	83	17	362	Oc	514	Mh	321	349	347	2			4,187,627
33	Lithographing	8	683	4	26	79	39	535	No	594	Fe	486	581	476	103	1	1	2,157,573
34	Looking-glass and picture frames	9	128	6	11	18	6	87	No	116	Fe	62	104	88	14	2		169,235
35	Lumber, planing-mill products, not including planing mills connected with sawmills.	37	547	38	32	56	8	413	No	518	Fe	307	484	483	1			1,268,435
36	Marble and stone work	9	166	7	14	12	5	128					133	133				780,919
37	Monuments and tombstones	3	13	3				10	Se	13	Fe	6	12	12				20,300
38	Other marble and stone work, except slate.	6	153	4	14	12	5	118	No	131	Au	102	121	121				760,619
39	Mattresses and spring beds, not elsewhere specified.	17	352	15	28	23	15	271	Oc	342	Ja	227	337	278	56	3		1,370,590
40	Millinery and lace goods, not elsewhere specified.	26	712	28	22	52	30	580					692	67	573	1	51	948,228
41	Trimmed hats and hat frames	15	534	15	19	48	17	435	Au	486	Ja	363	457	52	353	1	51	728,280
42	All other	11	178	13	3	4	13	145	De	231	Fe	103	235	15	220			219,948
43	Mineral and soda waters	19	146	17	16	17	11	85	Oc	93	Mh	81	92	86	6			462,349
44	Models and patterns, not including paper patterns.	18	82	23	2	1	1	55	Au	64	Je	50	55	45	9	1		75,804
45	Musical instruments and materials, not specified.	5	41	9	2	1		29	Oc	33	Je [2]	27	31	25	3	3		8,561
46	Optical goods	4	63	3	6	18	3	33	(4)	33	(4)	33	34	30	4			103,968
47	Paints	15	310	8	30	76	28	168	Oc	183	Ja	141	182	167	15			2,824,019
48	Patent medicines and compounds	30	283	22	31	20	39	171					180	82	98			1,040,731
49	Patent and proprietary medicines.	19	224	11	25	19	34	135	No	141	Je [2]	130	147	64	83			907,582
50	Patent and proprietary compounds, not elsewhere specified.	11	59	11	6	1	5	36	Ja	81	Se	28	33	18	15			133,149
51	Perfumery and cosmetics	12	86	12	13	4	15	42	No [2]	53	Ja [2]	36	53	26	27			278,301
52	Photo-engraving	9	106	11	5	10	7	73	De	84	Ja	59	83	82		1		148,668
53	Photographic apparatus	3	12	4		1	1	6	De	8	Ja [2]	5	8	6	2			59,048
54	Photographic materials	12	49	9	6	6	6	22					32	24	8			103,832
55	Motion-picture films	4	16	6		1	2	7	No [2]	8	Ja [2]	6	9	8	1			14,620
56	All other	8	33	3	6	5	4	15	De	20	Je [2]	13	23	16	7			89,212
57	Pickles, preserves, and sauces	13	557	16	26	71	29	415					556	256	299	1		2,617,055
58	Preserves	7	486	12	21	54	25	374	Au	540	Mh	214	513	237	275	1		2,301,868
59	Pickles and sauces	6	71	4	5	17	4	41	Jy [2]	48	Ap	31	43	19	24			315,187

[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.*								
99,547	104,320	444,533	10,880	53,678	27,117	3,218,400	58,598	4,543,271	1,266,273	2,003	25	75	.....	.....	1,903	.....	1
34,875	28,197	227,115	8,950	17,128	7,895	966,780	32,933	1,466,664	466,951	700	.....	.....	.....	.....	700	.....	2
6,600	4,414	7,594	.....	2,760	2,606	132,466	1,103	189,880	56,311	145	.....	75	.....	.....	70	.....	3
34,827	48,848	138,302	1,930	12,116	6,148	938,545	16,804	1,430,496	475,147	226	25	.....	.....	.....	201	.....	4
23,245	22,861	61,522	.....	21,674	10,468	1,180,609	7,758	1,456,231	267,864	932	.....	.....	.....	.....	932	.....	5
752,060	351,229	3,621,824	85,678	183,946	256,234	5,438,243	220,680	13,190,292	7,531,369	5,778	16	.....	22	.....	5,740	45	6
88,373	26,023	390,202	3,000	19,150	55,122	416,537	10,436	1,246,526	819,553	1,240	.....	.....	.....	.....	1,240	.....	7
119,142	50,644	790,076	18,095	32,786	20,009	940,739	102,807	2,408,940	1,365,394	757	.....	.....	.....	.....	757	.....	8
544,545	274,562	2,441,546	64,583	132,010	181,103	4,080,967	107,437	9,534,826	5,346,422	3,781	16	.....	22	.....	3,743	45	9
38,125	33,055	275,912	1,064	36,040	26,903	955,439	2,653	1,790,014	831,922	34	.....	.....	.....	.....	34	.....	10
12,934	53,601	110,774	.....	13,212	2,197	685,897	892	1,211,902	525,113	12	.....	.....	.....	.....	12	.....	11
177,331	134,699	1,674,556	9,227	91,533	148,281	3,002,461	62,483	6,467,810	3,402,866	3,030	325	.....	.....	.....	2,705	.....	12
58,821	29,250	564,994	2,427	24,684	7,060	1,190,119	15,379	2,356,870	1,151,372	740	75	.....	.....	.....	665	.....	13
80,252	77,712	515,308	.....	35,366	128,757	1,066,467	36,169	2,478,488	1,375,852	1,364	.....	.....	.....	.....	1,364	.....	14
38,258	27,737	594,254	6,800	31,483	12,464	745,875	10,935	1,632,452	875,642	926	250	.....	.....	.....	676	.....	15
39,290	81,970	185,156	.....	6,447	6,705	599,262	6,983	1,054,803	448,558	189	.....	.....	.....	.....	189	.....	16
8,190	17,609	94,877	.....	12,363	1,176	283,644	6,090	529,038	239,304	46	.....	.....	.....	.....	46	.....	17
18,731	25,165	105,815	3,922	8,047	1,656	270,882	1,468	530,135	257,785	46	.....	.....	.....	.....	46	.....	18
10,050	3,280	65,569	.....	4,009	2,859	699,693	19,920	949,741	230,128	213	50	55	50	.....	58	.....	19
20,042	19,697	61,742	950	11,480	4,295	62,848	1,816	233,268	168,604	40	.....	.....	.....	.....	40	.....	20
9,000	8,400	62,710	.....	3,300	752	102,948	5,709	204,124	95,467	133	.....	.....	.....	.....	133	.....	21
14,419	14,531	130,261	6,927	8,747	1,113	325,930	4,985	600,091	269,176	29	.....	.....	.....	.....	29	.....	22
8,731	10,962	19,416	.....	6,061	360	138,064	5,254	229,148	85,830	113	.....	.....	.....	.....	113	.....	23
57,235	13,518	269,995	.....	.....	30,596	32,663	171,889	1,005,377	800,825	2,880	1,555	.....	400	.....	925	335	24
12,120	1,617	65,195	650	3,848	6,503	138,969	1,052	253,253	113,232	46	.....	.....	.....	.....	46	.....	25
9,600	900	57,788	42	6,760	305	34,414	6,592	167,758	126,752	105	.....	.....	.....	.....	105	.....	26
58,140	51,846	582,114	15,049	26,752	12,275	517,105	13,214	1,439,900	909,581	492	.....	.....	.....	.....	492	.....	27
99,480	96,709	225,538	2,581	6,770	41,682	707,357	4,445	1,402,962	691,160	134	.....	.....	.....	.....	134	.....	28
.....	881	14,039	53	1,375	929	1,171	104	31,714	30,439	6	.....	.....	.....	.....	6	.....	29
23,014	19,771	105,012	.....	10,566	1,659	270,685	1,649	537,091	264,757	31	.....	.....	.....	.....	31	.....	30
90,404	43,129	569,166	.....	.....	133,253	4,853,501	44,819	6,431,576	1,533,256	1,559	631	.....	.....	.....	928	.....	31
169,148	145,047	674,163	.....	356,812	1,062,287	1,145,756	130,056	5,577,145	4,301,333	2,676	1,430	60	.....	.....	1,186	.....	32
125,868	201,267	759,304	.....	23,855	238,825	1,438,869	14,192	3,513,134	2,060,073	1,267	10	.....	.....	.....	1,257	93	33
19,256	25,416	93,041	3,300	13,240	2,793	103,135	1,870	326,121	221,116	82	.....	.....	.....	.....	82	.....	34
74,725	35,796	625,310	500	41,788	8,393	1,285,859	31,908	2,497,650	1,179,883	3,515	1,505	.....	20	.....	1,990	75	35
33,486	22,592	159,087	3,260	9,900	12,211	251,523	8,233	712,186	452,430	575	150	.....	.....	.....	425	.....	36
.....	.....	20,787	.....	1,380	82	9,650	860	39,000	28,490	38	.....	.....	.....	.....	38	.....	37
33,486	22,592	138,300	3,260	8,520	12,129	241,873	7,373	673,186	423,940	537	150	.....	.....	.....	387	.....	38
96,842	61,488	307,691	691	20,531	23,079	1,278,790	10,516	2,136,042	846,736	581	.....	.....	.....	.....	581	.....	39
68,436	108,126	420,397	206	57,588	28,789	1,430,886	9,201	2,488,922	1,048,835	115	.....	.....	.....	.....	115	.....	40
51,486	83,296	311,013	.....	42,367	5,562	1,034,182	6,555	1,826,931	786,194	54	.....	.....	.....	.....	54	.....	41
16,950	24,830	109,384	206	15,221	23,227	396,704	2,646	661,991	262,641	61	.....	.....	.....	.....	61	.....	42
29,315	19,715	113,365	.....	9,063	22,702	265,632	4,398	658,837	388,807	196	30	.....	.....	.....	166	.....	43
4,200	2,720	77,930	.....	8,516	557	37,940	2,787	207,393	166,666	135	.....	.....	.....	.....	135	.....	44
4,000	1,200	37,274	7,925	1,665	48	29,262	287	93,618	64,069	9	.....	.....	.....	.....	9	.....	45
9,100	4,389	35,398	.....	2,685	662	39,875	280	121,402	81,247	12	.....	.....	.....	.....	12	.....	46
130,371	146,537	137,161	.....	14,615	61,443	2,150,788	14,449	3,201,422	1,036,185	602	.....	.....	.....	.....	602	.....	47
73,670	62,521	155,836	1,345	24,325	91,395	489,119	4,645	1,218,152	724,388	99	.....	.....	.....	.....	99	.....	48
60,420	50,925	116,657	227	17,982	90,820	347,822	2,625	955,524	605,077	91	.....	.....	.....	.....	91	.....	49
13,250	5,596	39,179	1,118	6,343	575	141,297	2,020	262,628	119,311	8	.....	.....	.....	.....	8	.....	50
20,970	16,200	47,591	.....	9,185	2,712	166,117	1,153	386,556	219,286	15	.....	.....	.....	.....	15	1	51
21,800	36,448	112,004	1,002	9,420	2,239	102,183	4,067	381,842	275,592	56	.....	.....	.....	.....	56	.....	52
.....	1,852	7,738	.....	2,185	173	6,423	173	22,091	15,495	6	.....	.....	.....	.....	6	.....	53
4,925	4,102	28,780	5,164	9,790	1,454	84,738	2,211	227,398	140,449	130	.....	.....	.....	.....	130	.....	54
.....	1,758	11,796	2,500	4,056	91	25,092	340	56,956	31,524	4	.....	.....	.....	.....	4	.....	55
4,925	2,344	16,984	2,664	5,734	1,363	59,646	1,871	170,442	108,925	126	.....	.....	.....	.....	126	.....	56
89,879	144,161	370,581	206	22,408	172,533	2,698,885	26,584	4,280,771	1,555,302	522	220	.....	.....	.....	302	.....	57
67,315	124,067	333,599	206	17,181	169,658	2,446,133	25,435	3,879,558	1,407,990	428	160	.....	.....	.....	268	.....	58
22,564	20,094	36,982	.....	5,227	2,875	252,752	1,149	401,213	147,312	94	60	.....	.....	.....	34	.....	59

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

TABLE 36.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments.	Persons engaged in the industry.									Wage earners, Dec. 15, or nearest representative day.					Capital.
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		
						Male.	Female.	Average number.	Number, 15th day of— Maximum month.		Number, 15th day of— Minimum month.		Male.	Female.	Male	Female	
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																
	SAN FRANCISCO—Con.																Dollars.
1	Printing and publishing, book and job.	193	2,387	196	144	145	145	1,757				1,915	1,402	501	12		6,686,440
2	Job printing	176	2,222	180	129	113	119	1,681	De	1,855	Ja	1,550	1,838	1,345	481	12		5,177,990
3	Book publishing and printing	11	112	7	13	30	23	39	My [2]	41	Ja [2]	37	38	28	10			1,360,720
4	Linotype work and typesetting	6	53	9	2	2	3	37	My	44	Ja	29	39	29	10			147,730
5	Printing and publishing, newspapers and periodicals.	124	2,399	91	150	897	272	989					991	899	53	39		7,449,040
6	Printing and publishing	14	1,727	11	55	761	165	735	No	853	Je	678	739	687	23	29		6,063,706
7	Printing, publishing, and job printing.	29	332	28	14	54	21	215	Je	219	No	212	215	183	26	6		986,213
8	Publishing without printing	81	340	52	81	82	86	39	Je	42	Fe [2]	37	37	29	4	4		399,121
9	Refrigerators	3	25	5			1	19	Mh	21	Oc [2]	17	20	20				37,696
10	Rice, cleaning and polishing	5	182	13	10	21	13	125	De	199	Se	64	199	191	7	1		1,945,865
11	Rubber tires, tubes, and rubber goods, not elsewhere specified.	6	178	5	16	6	45	106	Ap	122	Se [2]	95	119	95	24			523,396
12	Saddlery and harness	5	78	3	6	15	3	51	Ja	67	Jy	42	53	53				285,370
13	Sausage, not made in slaughtering and meat-packing establishments.	27	202	44	4	15	5	134					173	146	27			390,046
14	Sausage	24	157	41	2	15	2	97	De	111	Mh	86	111	102	9			242,962
15	Sausage casings	3	45	3	2		3	37	De	43	Mh	32	62	44	18			147,084
16	Shipbuilding, including boat building.	21	12,660	26	69	401	173	11,991					11,994	11,991	3			17,015,114
17	New vessels	6	12,414	6	58	391	169	11,790	Ja	15,904	No	1,524	11,725	11,723	2			16,620,691
18	Repair work only	9	225	10	10	9	4	192	Ja	342	No	16	258	257	1			364,392
19	Small boats, and masts, spars, oars, and rigging.	6	21	10	1	1		9	Ap	14	Jy	3	11	11				30,031
20	Shirts	8	228	7	9	9	1	202	No	241	Ap	180	234	23	211			410,657
21	Signs and advertising novelties	8	126	7	10	27	4	78					87	58	29			209,955
22	Electric signs and advertising novelties.	4	95	2	9	26	3	55	Se [2]	67	Ja	41	64	35	29			177,890
23	Signs, other than electric	4	31	5	1	1	1	23	(4)	23	(4)	23	23	23				32,065
24	Slaughtering and meat packing	16	580	16	27	55	10	472	My	484	No	462	475	467	5	3		5,170,026
25	Soap	8	86	6	9	19	2	50	Mh	60	Au	42	45	35	10			781,414
26	Sporting and athletic goods	3	15	2	1		2	10	Mh	11	De	9	9	3	6			19,283
27	Springs, steel, car and carriage, not made in steel works or rolling mills.	4	93		8	12	6	67	No	78	Ja	44	69	69				255,648
28	Stamped ware, not elsewhere specified.	4	49	3	6	2	2	36	Se	65	De	21	21	12	9			154,657
29	Steam fittings and steam and hot-water heating apparatus.	4	73	2	11	25	7	28	No	49	Fe	17	34	34				289,968
30	Steam packing	4	66		13	17	9	27	Jy [2]	29	Oc	20	30	25	5			261,318
31	Stoves and ranges	6	152	6	13	13	3	117	Se	131	Oc	104	119	119				390,194
32	Stoves, gas and oil	4	83	1	8	4	3	67	De	73	Oc	60	61	61				228,920
33	Structural ironwork, not made in steel works or rolling mills.	27	477	22	44	34	10	367	Ja	420	My	314	423	423				2,477,942
34	Surgical appliances	9	46	9	3	3	3	28	Jy	33	Fe	25	26	15	10	1		43,178
35	Tinware, not elsewhere specified	8	1,517	9	34	94	59	1,321	De	1,522	Je	1,105	1,522	1,098	424			11,190,685
36	Tobacco, cigars and cigarettes	73	1,394	84	33	186	36	1,055	Oc	1,202	Ja	929	1,181	516	648	17		5,746,123
37	Tools, not elsewhere specified	5	24	5		1	2	16	Fe [2]	18	My [2]	14	19	18			1	39,693
38	Trunks and valises	19	247	25	11	13	4	194	De [2]	231	My	119	230	185	45			588,757
39	Window shades and fixtures	15	53	15	4	3	3	28	De	32	Ja	25	31	20	11			121,988
40	Wood, turned and carved	9	25	11	1			13	Se	16	Ap	10	13	13				41,046
41	All other industries *	168	5,803	128	250	478	268	4,679					5,005	4,127	857	18	3	47,221,499

*All other industries embrace—

Aluminum manufactures	1
Ammunition	1
Artificial limbs	2
Bags, paper, exclusive of those made in paper mills	1
Baking powders and yeast	2
Belting, leather	5
Billiard tables and accessories	2
Blacking, stains, and dressings	1
Boxes, cigar	2
Buttons	5
Canning and preserving, fish	2
Canning and preserving, oysters	1
Cardboard, not made in paper mills	1
Carriage and wagon materials	1
Carriages and sleds, children's	1
Cars and general shop construction and repairs by electric-railroad companies	2
Cash registers and calculating machines	2
Cheese	1
Chewing gum	3
Coal-tar products	1
Cordage and twine	1
Cutlery and edge tools	1
Dairymen's and poultrymen's supplies	2
Druggists' preparations	3
Dyeing and finishing textiles, exclusive of that done in textile mills	1
Envelopes	3
Flags and banners	4
Furs, dressed	1
Galvanizing	1
Gas, illuminating and heating	1
Gas machines	1
Glass	2
Glue, not elsewhere specified	2
Gold and silver, reducing and refining, not from the ore	1
Hats, fur-felt	1
Hats, wool-felt	1
Ink, printing	2
Ink, writing	1
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	4
Iron and steel, forgings, not made in steel works or rolling mills	2
Iron and steel, wrought pipe	1
Jewelry and instrument cases	2
Lamps	1
Lead, bar, pipe, and sheet	1
Liquors, vinous	2
Lumber and timber products	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.				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.*								
421,785	392,482	2,058,142	359,934	188,948	139,815	3,364,019	52,889	9,500,458	6,083,550	1,898	.....	.....	.....	.....	1,898	.....	1
366,600	325,579	1,954,403	192,764	174,030	126,895	3,306,018	50,469	8,793,209	5,436,722	1,880	.....	.....	.....	.....	1,880	.....	2
50,085	62,471	44,259	167,170	12,138	12,516	39,691	97	578,511	538,723	5	.....	.....	.....	.....	5	.....	3
5,100	4,432	59,480	.....	2,780	404	18,310	2,323	128,738	108,105	13	.....	.....	.....	.....	13	.....	4
554,863	1,606,249	1,547,966	554,714	215,291	245,229	3,178,071	65,910	12,201,123	8,957,142	2,065	445	.....	.....	.....	1,620	400	5
294,032	1,310,494	1,221,690	11,190	155,733	229,085	2,720,725	52,515	9,314,542	6,541,302	1,822	445	.....	.....	.....	1,377	400	6
98,880	107,731	276,647	46,971	23,958	13,225	296,252	11,723	1,248,658	940,683	229	.....	.....	.....	.....	229	.....	7
161,951	188,024	49,629	496,553	35,600	2,929	161,094	1,672	1,637,923	1,475,157	14	.....	.....	.....	.....	14	.....	8
.....	762	26,043	2,147	1,732	63	85,226	492	133,625	47,907	45	.....	.....	.....	.....	45	.....	9
40,428	54,723	190,964	.....	74,151	149,921	6,899,395	26,507	8,355,082	1,429,180	1,582	.....	.....	.....	.....	1,582	.....	10
38,694	39,481	99,506	.....	9,600	1,360	301,494	10,867	708,965	396,604	455	.....	.....	.....	.....	455	.....	11
5,904	9,588	68,365	.....	3,150	4,425	210,545	2,040	325,946	113,361	29	.....	.....	.....	.....	29	.....	12
3,550	21,312	174,397	7,917	17,162	1,596	906,665	14,003	1,317,917	397,249	345	100	.....	.....	.....	245	.....	13
2,550	18,612	142,526	7,917	14,232	1,252	846,960	13,023	1,207,894	347,911	247	20	.....	.....	.....	227	.....	14
1,000	2,700	31,871	.....	2,930	344	59,705	980	110,023	49,338	98	80	.....	.....	.....	18	.....	15
380,455	1,048,012	16,574,678	4,088	17,069	1,612,385	19,201,644	439,290	46,075,119	26,434,185	20,812	440	.....	66	.....	20,306	.....	16
343,507	1,032,343	16,045,823	2,330	4,950	1,591,336	18,884,479	430,838	44,954,295	25,638,978	20,531	410	.....	56	.....	20,065	.....	17
36,228	14,460	516,553	1,758	9,589	20,934	299,957	8,040	1,070,014	762,017	252	30	.....	.....	.....	222	.....	18
720	1,209	12,302	.....	2,530	65	17,208	412	50,810	33,190	29	.....	.....	10	.....	19	.....	19
26,418	16,204	145,727	17,036	9,290	8,026	540,087	2,440	870,741	327,314	74	.....	.....	.....	.....	74	.....	20
45,113	63,164	105,816	3,322	5,460	324	133,606	1,095	438,593	303,892	19	.....	.....	.....	.....	19	.....	21
38,713	60,924	80,372	2,732	4,600	260	118,674	980	377,644	257,990	13	.....	.....	.....	.....	13	.....	22
6,400	2,240	25,444	590	860	64	14,932	115	60,949	45,902	6	.....	.....	.....	.....	6	.....	23
83,867	104,353	705,964	.....	46,620	59,779	19,811,010	85,715	22,088,940	2,192,215	837	500	.....	.....	.....	337	516	24
53,007	28,880	57,632	.....	2,575	12,295	780,193	11,296	1,132,287	340,798	179	153	.....	.....	.....	26	11	25
2,400	649	7,196	.....	960	182	15,989	96	36,291	20,206	6	.....	.....	.....	.....	6	.....	26
19,800	19,968	114,976	.....	8,820	5,045	193,757	9,649	441,102	237,696	100	.....	.....	.....	.....	100	.....	27
17,003	6,019	29,662	.....	4,085	10,137	208,468	1,775	322,785	112,542	63	.....	.....	.....	.....	63	.....	28
19,960	11,025	37,754	.....	3,360	7,980	113,897	2,014	228,074	112,163	69	.....	.....	.....	.....	69	.....	29
33,730	9,046	26,920	1,200	2,803	6,249	131,040	2,286	235,960	102,634	140	40	.....	.....	.....	100	.....	30
34,500	17,310	189,511	.....	10,030	9,869	335,622	11,681	793,946	446,643	154	.....	.....	.....	.....	154	.....	31
23,658	7,909	108,078	2,434	3,770	2,655	161,050	2,362	348,402	184,990	76	.....	.....	.....	.....	76	.....	32
140,927	59,179	518,201	19,716	35,756	75,203	1,622,664	32,236	2,978,284	1,323,384	1,846	50	.....	.....	.....	1,796	.....	33
4,500	7,557	32,535	2,756	9,435	642	64,834	812	151,981	86,335	18	.....	.....	.....	.....	18	.....	34
109,874	196,622	1,309,968	.....	16,679	426,008	7,714,501	46,625	10,558,932	2,797,806	944	.....	.....	.....	.....	944	.....	35
95,749	313,038	906,397	.....	27,639	2,338,381	3,482,241	11,633	8,157,365	4,663,491	363	20	.....	.....	.....	343	.....	36
.....	1,838	20,663	99	2,309	206	18,458	1,474	60,811	40,879	28	.....	.....	.....	.....	28	.....	37
20,492	23,081	205,384	286	17,812	3,186	412,493	2,796	817,450	402,161	156	80	.....	.....	.....	76	.....	38
4,022	4,205	34,875	.....	7,771	1,431	182,990	159	285,846	102,697	9	.....	.....	.....	.....	9	.....	39
1,800	.....	18,259	60	2,536	250	14,465	1,367	66,762	50,930	76	.....	.....	.....	.....	76	.....	40
954,133	960,373	5,653,067	38,045	171,904	1,316,215	45,405,501	2,805,251	64,307,688	16,096,936	20,607	3,745	2,530	40	29	14,233	3,024	41

Malt 2
Minerals and earths, ground or otherwise treated 1
Mirrors, framed and unframed, not elsewhere specified 4
Mucilage, paste, and other adhesives, not elsewhere specified 4
Musical instruments, piano materials 1
Nets and seines 1
Oakum 2
Oil, not elsewhere specified 5
Oleomargarine, and other butter substitutes 2
Paper goods, not elsewhere specified. 2
Plated ware, knives, forks, spoons, and other flat ware 1
Plumbers' supplies, not elsewhere specified 1
Pocketbooks 1
Printing and publishing, music 2
Pumps, not including power pumps. 1
Pumps, steam 2
Regalia, and society badges and emblems 1
Roofing materials 2
Safes and vaults 1
Salt 1
Saws 1
Screws, machine 1
Show cases 6
Silversmithing and silverware 1
Smelting and refining, not from the ore 1
Statuary and art goods 8
Stencils and brands 1
Stereotyping and electrotyping 2
Sugar, refining, not including beet sugar 1
Tobacco, smoking 1
Toys and games 4
Type founding 1
Typewriter supplies, ribbon 1
Upholstering materials, not elsewhere specified 2
Vault lights and ventilators 2
Vinegar and cider 1
Wall plaster and composition flooring 4
Washing machines and clothes wringers 2
Waste, cotton 1
Wirework, including wire rope and cable, not elsewhere specified 5
Wooden goods, not elsewhere specified 2
Wool scouring 2

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

TABLE 36.—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	ALAMEDA	52	7,143	56	55	165	80	6,787	Je	8,942	No	2,204	6,147	6,107	40	.....	.....	11,811,789
2	BAKERSFIELD	73	1,384	72	62	39	33	1,178	Se	1,291	Fe	1,080	1,318	1,292	26	.....	.....	3,971,755
3	EUREKA	52	1,159	51	40	53	38	977	Oc	1,202	Ja	766	1,084	1,005	39	40	.....	5,514,268
4	FRESNO	223	5,030	238	282	418	189	3,903	Oc	6,923	Mh	2,510	6,117	4,462	1,579	58	18	12,866,594
5	GLENDALE	41	299	60	15	2	6	216	Ap	232	Se	199	227	186	41	.....	.....	779,852
6	PASADENA	191	1,428	207	68	43	66	1,044	Au	1,296	Fe	817	1,439	991	418	15	15	3,023,134
7	POMONA	64	707	81	25	37	29	535	Jy	1,042	Fe	324	1,018	507	480	.....	31	1,784,280
8	RICHMOND	40	4,854	28	230	227	64	4,305	De	4,597	Jy	4,125	4,528	4,376	139	13	.....	31,648,835
9	RIVERSIDE	60	544	54	30	25	14	421	De	463	Ap	340	577	453	119	5	.....	1,689,363
10	SAN BERNARDINO	54	2,417	55	117	104	34	2,107	Jy	2,340	Ja	1,733	2,308	2,090	196	22	.....	3,946,823
11	SAN JOSE	201	3,908	209	175	225	209	3,090	Au	5,913	Fe	1,512	5,413	2,926	2,342	41	104	16,398,035
12	SANTA ANA	74	795	75	37	28	27	628	Se	970	Ap	375	783	493	288	2	.....	2,071,799
13	SANTA BARBARA	76	660	75	43	35	26	481	No	588	Mh	419	569	472	49	48	.....	1,833,463
14	SANTA CRUZ	41	692	48	25	19	28	572	Au	712	Mh	441	708	518	166	20	4	2,297,652
15	SANTA MONICA	29	188	38	2	5	7	136	Ap[2]	161	Je	77	105	63	42	.....	.....	337,112
16	STOCKTON	208	4,733	242	149	544	264	3,534	Ja	3,896	Je	3,189	4,140	3,547	548	9	36	21,657,537
17	VALLEJO	32	599	39	10	50	22	478	Jy	555	Fe	450	491	474	15	2	.....	4,265,127
18	VENICE	9	64	7	5	2	2	48	Jy	54	Ja	44	49	20	29	.....	.....	105,031

[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 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
302,991	385,469	8,787,934	1,025	11,953	908,257	10,389,177	282,815	25,440,598	14,768,606	9,306	440	.....	200	.....	8,666	435	1
168,290	109,248	1,605,383	702	26,750	83,348	2,909,481	260,351	5,699,051	2,529,219	3,331	775	.....	15	100	2,441	.....	2
115,672	102,159	1,189,417	7,216	30,033	140,005	1,740,377	50,694	3,960,268	2,169,197	3,939	3,289	.....	12	.....	638	.....	3
510,902	618,259	4,086,912	31,618	128,624	582,859	36,468,934	649,284	48,943,823	11,825,605	12,947	1,635	111	229	.....	10,972	476	4
24,880	9,409	214,111	9,009	22,576	12,621	632,533	17,361	1,173,720	523,826	640	50	.....	.....	.....	590	.....	5
181,471	149,543	1,141,045	36,165	112,847	52,163	3,023,224	92,818	5,767,527	2,651,485	2,008	375	115	82	1	1,435	120	6
84,479	69,783	651,798	1,460	30,329	133,128	1,950,379	35,549	3,754,153	1,768,225	1,324	560	100	.....	.....	664	132	7
673,565	334,092	7,005,894	300	19,782	3,772,389	45,382,525	2,356,597	75,315,608	27,576,486	27,914	11,475	1,115	3,550	130	11,644	109	8
50,864	38,424	555,869	1,340	22,714	12,186	1,258,872	33,290	2,354,476	1,062,314	827	.....	.....	.....	.....	827	.....	9
209,096	156,329	2,856,473	7,385	16,093	34,055	3,729,825	308,389	7,473,789	3,435,575	3,188	868	.....	.....	.....	2,320	.....	10
518,307	500,019	3,703,347	19,138	89,643	576,879	14,171,473	373,829	25,135,500	10,590,198	6,928	915	100	115	.....	5,798	448	11
69,091	76,348	568,980	580	35,374	60,287	2,079,413	52,214	3,627,249	1,495,622	1,168	15	.....	124	.....	1,029	.....	12
105,234	51,460	549,262	6,035	32,977	26,214	751,906	141,314	1,943,533	1,050,313	1,208	329	.....	2	.....	877	5	13
62,180	54,653	643,637	17,196	14,767	90,909	1,430,848	81,913	3,944,114	2,431,353	1,930	1,390	.....	.....	.....	540	370	14
4,968	9,838	122,276	322	10,414	7,497	190,772	40,901	519,241	287,568	606	525	.....	.....	.....	81	.....	15
614,047	1,023,645	4,469,996	35,558	126,670	1,643,574	18,746,418	664,619	30,675,898	11,264,861	13,530	2,494	.....	699	.....	10,337	525	16
25,140	104,937	791,757	.....	16,044	77,777	15,206,871	157,474	18,056,382	2,692,037	3,993	1,205	40	11	.....	2,737	3	17
7,910	1,722	46,455	3,397	5,105	1,378	94,029	1,893	193,413	97,491	34	.....	.....	.....	.....	34	.....	18

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

COLORADO.

GENERAL STATISTICS.

General character of the state.—Colorado has a gross area of 103,948 square miles, of which 103,658 represent land surface. The inhabitants of the state in 1900 numbered 539,700; in 1910, 799,024; and in 1920, 939,629. In total population Colorado ranked thirty-third among the states in 1920. The number of inhabitants per square mile in 1910 was 7.7, the corresponding figure for 1920 being 9.1.

In 1920 there were six cities in the state—Boulder, Colorado Springs, Denver, Greeley, Pueblo, and Trinidad—having more than 10,000 inhabitants. These cities, with a combined population in that year of 362,516, or 38.6 per cent of the total population of Colorado, reported 54 per cent of the value of the state's manufactured products in 1919.

Importance and growth of manufactures (Table 1).—The large increase 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 between the industrial censuses 1914 and 1919. However, the increases shown in number of wage earners, horsepower, and number of establishments are indicative of a decided growth in the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. Of the 63 counties in the state, Denver and Pueblo Counties, which include the cities of Denver and Pueblo, reported 62.8 per cent of the total value of products in the state in 1919 and 65.9 per cent of the average number of wage earners.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as to their real importance from a manufacturing standpoint. Their ranking might change materially if based upon the average number of wage earners or value added by manufacture. Slaughtering and meat packing, for instance, which ranked first in value of products among the industries for which statistics are shown in the table, was third in average number of wage earners and value added by manufacture.

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

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

Average number of wage earners, by sex and age, and value of products, for cities of 10,000 inhabitants or more (Table 6).—All of the details for the six cities included in this table show increases between 1914 and 1919, except the number of wage earners under 16 years of age in Boulder, and the number of female wage earners in Greeley, which show decreases.

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

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, this table gives similar data for males and females for all industries combined for the state and for cities of 10,000 inhabitants or more and also the number of females for industries in which a large number of females were employed. There were a number of industries in the state in 1919 in which the number of female wage earners predominated; data for two such industries—"clothing, men's," and "confectionery and ice cream"—are presented in this table. The six cities reported a larger proportion of female wage earners than the state—13.3 per cent and 9.5 per cent, respectively.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Colorado. In that year 27.3 per cent of the wage earners were included in the group "48 and under," as against 58.3 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 36.8 per cent of the total wage earners, as compared with 14.7 per cent in 1919.

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

lishments employed but 43.5 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 56.5 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 33.6 per cent of the number of establishments in the state in 1919, they reported 87.7 per cent of the average number of wage earners and 91 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 7,173, or 30.2 per cent, and the value of products $126,414,714, or 101.5 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 the six cities in 1919 represented 55 per cent of the total in the state. They reported in that year 57 per cent of the average number of wage earners and 54 per cent of the value of products.

Principal industries in Denver, with per cent of total for state (Table 16).—This table includes all industries in Denver having products of $800,000 and over, the figures being given for those for which totals can be shown without disclosing the operations of individual establishments.

It is deemed of first importance to present the statistics for 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 43,481 horsepower, or 26.7 per cent. This increase, however, is chiefly due to the gain of 30,046 horsepower, or 109.4 per cent, in rented power. The owned power increased 13,435 horsepower, or 9.9 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 used by a number of industries which are large consumers of fuel.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	2,631	2,126	2,034	1,606	1,323	23.8	4.5	26.7	21.4
Persons engaged	44,729	33,715	34,115	25,888	(2)	32.7	−1.2	31.8	.....
Proprietors and firm members	2,234	1,716	1,722	1,398	(2)	30.2	−0.3	23.2	.....
Salaried employees	7,241	4,721	4,326	2,677	1,870	53.4	9.1	61.6	43.2
Wage earners (average number)	35,254	27,278	28,067	21,813	19,498	29.2	−2.8	28.7	11.9
Primary horsepower	206,309	162,828	154,615	124,907	43,434	26.7	5.3	23.8	187.6
Capital	$243,826,617	$181,776,339	$162,667,801	$107,663,500	$58,172,865	34.1	11.7	51.1	85.1
Salaries and wages	56,020,854	26,567,617	25,560,026	18,649,408	13,766,364	110.9	3.9	37.1	35.5
Salaries	13,045,975	6,367,863	5,647,684	3,549,043	2,058,798	104.9	12.8	59.1	72.4
Wages	42,974,879	20,199,754	19,912,342	15,100,365	11,707,566	112.7	1.4	31.9	29.0
Paid for contract work	1,903,281	556,432	308,002	294,358	(2)	242.1	80.7	4.6	.....
Rent and taxes	10,565,396	2,195,394	2,003,281	[3] 1,020,434	(2)	381.3	9.6	.....	.....
Cost of materials	174,870,275	89,756,302	80,490,904	63,114,397	60,750,784	94.8	11.5	27.5	3.9
Value of products	275,622,335	136,839,321	130,044,312	100,143,999	89,067,879	101.4	5.2	29.9	12.4
Value added by manufacture [4]	100,752,060	47,083,019	49,553,408	37,029,602	28,317,095	114.0	−5.0	33.8	30.8

[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.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state	2,631	35,254	$42,974,879	$10,565,396	$174,870,275	$275,622,335	$100,752,060	206,309
Adams	37	673	987,790	421,338	2,256,463	4,791,206	2,534,743	3,060
Alamosa	14	34	49,456	12,582	301,676	423,618	121,942	271
Arapahoe	24	117	165,436	33,337	364,371	860,974	496,603	422
Archuleta	12	103	106,990	2,558	114,292	367,853	253,561	494
Baca	8	16	20,919	1,186	38,267	82,170	43,903	55
Bent	15	48	50,419	5,619	230,633	317,540	86,907	540
Boulder	95	713	976,334	1,066,131	5,517,847	9,660,142	4,142,295	6,031
Chaffee	20	379	592,904	21,143	2,957,454	3,935,183	977,729	1,548
Cheyenne	4	2	1,832	371	2,373	9,975	7,602	4
Clear Creek	13	31	89,517	1,796	36,801	97,788	60,987	200
Conejos	15	254	417,381	11,483	503,096	1,081,839	578,743	972
Costilla	5	54	47,679	1,066	104,366	180,892	76,526	98
Crowley	19	139	141,211	62,173	905,208	1,380,221	475,013	1,650
Custer	9	4	6,722	167	2,574	12,581	10,007	178
Delta	24	35	37,130	5,528	221,153	344,786	123,633	345
Denver	1,097	16,635	19,341,915	3,404,478	79,339,944	125,411,270	46,071,326	41,413
Douglas	8	182	244,164	31,655	1,052,660	1,783,316	730,656	623
Eagle	4	7	12,700	737	7,526	31,016	23,490	94
El Paso	141	848	996,090	156,641	2,582,122	4,788,504	2,206,382	1,629
Elbert	8	4	3,469	716	2,465	11,480	9,015	8
Fremont	45	821	1,023,831	308,043	3,370,459	6,787,570	3,417,111	9,500
Garfield	23	43	68,215	5,989	208,589	333,815	125,226	270
Gilpin	7	9	9,854	1,101	13,355	35,093	21,738	84
Grand	14	305	636,170	4,339	247,613	998,783	751,170	849
Gunnison	27	58	82,067	3,829	48,359	179,044	130,685	426
Huerfano	21	36	43,271	9,771	163,009	274,222	111,213	294
Jackson	5	27	37,855	224	17,750	92,518	74,768	72
Jefferson	23	220	213,940	30,111	532,638	907,169	374,531	1,182
Kiowa	6	8	11,616	466	6,020	24,594	18,574	33
Kit Carson	19	20	31,572	4,813	52,618	146,018	93,400	142
La Plata	32	307	372,747	48,819	2,672,480	3,384,123	711,643	1,666
Lake	14	443	569,798	67,851	3,174,910	4,243,184	1,068,274	5,448
Larimer	87	1,013	1,278,179	1,605,925	7,632,171	13,440,083	5,807,912	8,225
Las Animas	60	834	844,712	95,703	2,341,662	3,943,416	1,601,754	5,156
Lincoln	17	34	53,916	2,000	413,182	508,365	95,183	170
Logan	29	380	498,753	220,699	1,631,399	2,814,130	1,182,731	2,399
Mesa	38	433	555,320	168,871	2,250,301	3,347,570	1,097,209	2,095
Moffat	6	6	5,963	1,653	19,694	39,318	19,624	50
Montezuma	16	44	31,707	3,127	87,330	184,354	97,024	559
Montrose	26	96	109,732	22,345	432,386	701,936	269,550	468
Morgan	31	356	453,029	642,275	2,769,274	4,823,336	2,054,062	3,006
Otero	57	1,223	1,667,381	408,210	5,388,842	8,766,757	3,377,915	6,287
Ouray	7	26	38,184	1,646	24,329	78,777	54,448	84
Park	13	52	58,141	566	14,889	105,831	90,942	309
Phillips	8	17	21,136	4,438	247,955	336,371	88,416	93
Pitkin	6	15	11,797	1,377	14,378	33,976	19,598	176
Prowers	49	205	231,635	66,151	3,199,746	3,825,014	625,268	2,169
Pueblo	143	6,585	8,229,412	785,561	33,678,105	47,568,936	13,890,831	88,111
Rio Blanco	10	24	35,390	6,985	72,823	126,378	53,555	307
Rio Grande	24	74	76,890	20,006	485,047	673,531	188,484	424
Routt	18	150	219,926	7,378	323,739	627,229	303,490	605
Saguache	10	72	59,001	1,088	108,952	209,173	100,221	291
San Juan	6	7	8,885	1,398	10,472	25,121	14,649	14
San Miguel	12	34	51,933	5,048	45,335	150,636	105,301	125
Sedgwick	3	6	7,476	778	10,707	30,896	20,189	5
Summit	4	1	418	276	1,786	9,290	7,504	140
Teller	9	30	45,002	1,779	64,300	206,129	141,829	80
Washington	7	13	15,640	2,090	51,165	90,591	39,426	79
Weld	98	794	923,739	755,564	6,386,130	9,743,802	3,357,672	4,970
Yuma	24	36	43,319	5,960	112,050	210,229	98,179	224
All other counties [1]	5	9	8,269	438	2,975	22,673	19,698	87

[1] All other counties comprise Dolores, Hinsdale, and Mineral Counties.

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries	2,631	35,254	100.0	$275,622	100.0	$100,752	100.0
Slaughtering and meat packing	21	1,848	5.2	41,008	14.9	5,222	5.2
Flour-mill and gristmill products	120	490	1.4	19,954	7.2	2,357	2.3
Cars and general shop construction and repairs by steam-railroad companies	30	5,739	16.3	15,130	5.5	9,482	9.4
Foundry and machine-shop products	120	2,189	6.2	11,200	4.1	6,319	6.3
Bread and other bakery products	252	1,340	3.8	9,808	3.6	3,748	3.7
Butter	65	338	1.0	8,768	3.2	1,405	1.4
Printing and publishing, newspapers and periodicals	333	1,079	3.1	7,534	2.7	5,219	5.2
Automobile repairing	401	1,495	4.2	5,679	2.1	3,557	3.5
Confectionery and ice cream	91	783	2.2	5,004	1.8	2,307	2.3
Food preparations, not elsewhere specified	57	396	1.1	4,381	1.6	939	0.9
Printing and publishing, book and job	120	952	2.7	3,985	1.4	2,616	2.6
Canning and preserving, fruits and vegetables	18	663	1.9	2,970	1.1	1,244	1.2
Gas, illuminating and heating	10	448	1.3	$2,649	1.0	$1,648	1.6
Brick and tile, terra-cotta, and fire-clay products	43	812	2.3	2,505	0.9	1,731	1.7
Lumber and timber products	136	823	2.3	2,451	0.9	1,772	1.8
Condensed milk	5	108	0.3	2,405	0.9	354	0.4
Lumber, planing-mill products, not including planing mills connected with sawmills	41	411	1.2	1,572	0.6	819	0.8
Saddlery and harness	27	206	0.6	1,557	0.6	606	0.6
Tobacco, cigars	58	389	1.1	1,465	0.5	783	0.8
Smelting and refining, zinc	4	405	1.1	1,443	0.5	547	0.5
Copper, tin, and sheet-iron work	49	220	0.6	1,411	0.5	729	0.7
Chemicals	7	98	0.3	1,301	0.5	667	0.7
Coffee, roasting and grinding	7	38	0.1	1,261	0.4	279	0.3
Paints	7	76	0.2	1,168	0.4	479	0.5
Ice, manufactured	27	242	0.7	1,045	0.4	802	0.8
Clothing, men's	5	242	0.7	1,034	0.4	391	0.4
Awnings, tents, and sails	10	182	0.5	1,022	0.4	353	0.4
Mineral and soda waters	48	140	0.4	1,016	0.3	420	0.4
All other industries[1]	519	13,102	37.2	114,896	41.7	43,957	43.6

[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: "Cement"; "coke, not including gas-house coke"; "iron and steel, blast furnaces"; "iron and steel, steel works and rolling mills"; "petroleum, refining"; "rubber tires, tubes, and rubber goods, not elsewhere specified"; "smelting, lead"; and "sugar, beet."

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

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.
All classes	1919	44,729	39,650	5,079	88.6	11.4
	1914	33,715	30,568	3,147	90.7	9.3
	1909	34,115	31,381	2,734	92.0	8.0
Proprietors and officials	1919	4,472	4,270	202	95.5	4.5
	1914	3,111	2,986	125	96.0	4.0
	1909	3,009	2,906	103	96.6	3.4
Proprietors and firm members	1919	2,234	2,119	115	94.9	5.1
	1914	1,716	1,629	87	94.9	5.1
	1909	1,722	1,634	88	94.9	5.1
Salaried officers of corporations	1919	692	663	29	95.8	4.2
	1914	469	444	25	94.7	5.3
	1909	422	413	9	97.9	2.1
Superintendents and managers	1919	1,546	1,488	58	96.2	3.8
	1914	926	913	13	98.6	1.4
	1909	865	859	6	99.3	0.7
Clerks and other subordinate salaried employees.	1919	5,003	3,478	1,525	69.5	30.5
	1914	3,326	2,622	704	78.8	21.2
	1909	3,039	2,518	521	82.9	17.1
Wage earners (average number)	1919	35,254	31,902	3,352	90.5	9.5
	1914	27,278	24,960	2,318	91.5	8.5
	1909	28,067	25,957	2,110	92.5	7.5
16 years of age and over	1919	35,069	31,752	3,317	90.5	9.5
	1914	27,158	24,848	2,310	91.5	8.5
	1909	27,902	25,808	2,094	92.5	7.5
Under 16 years of age	1919	185	150	35	81.1	18.9
	1914	120	112	8	93.3	6.7
	1909	165	149	16	90.3	9.7

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.	Female.	Under 16 years of age.
All industries	1919	35,254	90.1	9.4	0.5
	1914	27,278	91.1	8.5	0.4
	1909	28,067	92.0	7.5	0.6
Automobile bodies and parts	1919	212	97.6	0.5	1.9
	1914	60	98.3	1.7	.....
Automobile repairing	1919	1,495	99.3	0.3	0.4
	1914	63	100.0	.....	.....
Bread and other bakery products	1919	1,340	64.9	33.4	1.7
	1914	1,082	68.2	31.0	0.8
Brick and tile, terra-cotta, and fire-clay products.	1919	812	99.5	0.5	.....
	1914	561	99.8	.....	0.2
Butter	1919	338	72.5	26.6	0.9
	1914	239	81.6	18.4	.....
Canning and preserving, fruits and vegetables.	1919	663	51.0	49.0	.....
	1914	578	50.7	48.4	0.9
Cars and general shop construction and repairs by steam-railroad companies.	1919	5,739	99.8	0.2	.....
	1914	4,349	99.9	(1)	(1)
Clothing, men's [2]	1919	242	8.3	91.7	.....
Confectionery and ice cream	1919	783	40.5	58.5	1.0
	1914	502	43.4	55.6	1.0
Copper, tin, and sheet-iron work	1919	220	92.3	6.8	0.9
	1914	143	97.9	.....	2.1
Flour-mill and gristmill products	1919	490	100.0	.....	.....
	1914	393	99.5	0.3	0.3
Food preparations, not elsewhere specified	1919	396	90.9	9.1	.....
	1914	218	95.4	4.6	.....
Foundry and machine-shop products [3]	1919	2,195	99.1	0.9	(1)
	1914	1,166	99.7	0.3	0.1
Gas, illuminating and heating	1919	448	100.0	.....	.....
	1914	387	99.7	0.3	.....
Ice, manufactured	1919	242	100.0	.....	.....
	1914	231	99.1	0.4	0.4
Lumber and timber products	1919	823	97.9	1.9	0.1
	1914	996	99.6	0.4	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	411	99.8	0.2	.....
	1914	323	99.7	.....	0.3
Printing and publishing, book and job	1919	952	75.9	21.3	2.7
	1914	870	83.6	14.5	2.0
Printing and publishing, newspapers and periodicals	1919	1,079	85.4	9.5	5.0
	1914	1,115	87.6	8.3	4.1
Saddlery and harness	1919	206	93.7	6.3	.....
	1914	162	98.8	0.6	0.6
Slaughtering and meat packing	1919	1,848	93.7	6.2	0.1
	1914	777	96.1	3.3	0.5
Smelting and refining, zinc [2]	1919	405	99.8	0.2	.....
Tobacco, cigars	1919	389	67.9	31.9	0.3
	1914	330	82.4	17.3	0.3
All other industries	1919	13,526	91.4	8.2	0.4
	1914	12,733	91.6	8.2	0.2

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

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

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. Total. 1919	1914	1909	16 years of age and over. Male. 1919	1914	1909	Female. 1919	1914	1909	Under 16 years of age. 1919	1914	1909	VALUE OF PRODUCTS. 1919	1914	1909
Boulder	165	90	.....	155	83	.....	8	4	.....	2	3	.....	$1,556,585	$440,316	.....
Colorado Springs	714	538	516	647	494	459	59	36	55	8	8	2	4,345,147	1,906,832	$1,732,759
Denver	16,635	11,062	11,639	14,216	9,278	10,102	2,313	1,709	1,430	106	75	107	125,411,270	46,982,273	46,924,760
Greeley	178	170	.....	149	118	.....	24	51	.....	5	1	.....	1,646,451	909,476	.....
Pueblo	1,856	908	1,065	1,644	785	953	203	119	111	9	4	1	13,978,264	3,323,598	3,008,757
Trinidad	552	236	220	520	218	206	31	18	14	1	.....	.....	1,928,464	846,409	814,353

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

MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909	MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909
January	35,173	26,816	27,962	93.7	86.5	87.2	July	36,749	28,258	28,099	97.9	91.1	87.7
February	34,208	*24,519*	*25,181*	91.1	79.1	78.6	August	37,553	27,994	28,238	100.0	90.3	88.1
March	33,333	24,836	25,374	88.8	80.1	79.2	September	**39,027**	27,959	28,415	87.9	90.2	88.7
April	34,361	25,489	25,531	91.5	82.2	79.7	October	35,877	31,004	31,026	95.5	100.0	96.8
May	33,974	25,710	25,835	90.5	82.9	80.6	November	36,636	29,667	32,050	97.6	95.7	100.0
June	35,019	26,667	27,059	93.3	86.0	84.4	December	37,138	28,417	32,034	98.9	91.7	99.9

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

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

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	35,254	35,173	34,208	33,333	34,361	33,974	35,019	36,749	**37,553**	*33,027*	35,877	36,636	37,138	87.9
Males	31,902	32,427	31,522	30,739	31,616	31,134	32,000	33,365	**33,865**	*28,753*	31,500	32,526	33,377	84.9
Females	3,352	2,746	2,686	*2,594*	2,745	2,840	3,019	3,384	3,688	4,274	**4,377**	4,110	3,761	59.3
Automobile bodies and parts	212	*182*	197	209	218	223	221	227	224	216	206	207	214	80.2
Automobile repairing	1,495	*1,261*	1,270	1,302	1,373	1,465	1,585	1,718	**1,757**	1,692	1,551	1,493	1,473	71.8
Bread and other bakery products	1,340	1,273	1,267	*1,214*	1,252	1,266	1,281	1,351	1,405	1,394	1,392	1,490	1,495	81.2
Brick and tile, terra-cotta, and fire-clay products	812	*465*	572	650	686	847	982	943	**1,066**	966	929	884	754	43.6
Butter	338	284	*283*	287	317	364	386	**417**	391	366	339	315	307	67.9
Canning and preserving, fruits and vegetables	663	182	*145*	*145*	259	284	503	1,208	1,193	**2,043**	1,206	483	305	7.1
Cars and general shop construction and repairs by steam-railroad companies	5,739	5,954	6,050	6,042	**6,089**	*5,093*	5,301	5,405	5,601	5,758	5,731	5,873	5,971	83.6
Clothing, men's	242	234	204	*186*	188	206	230	249	263	266	290	295	293	63.1
Confectionery and ice cream	783	*623*	647	662	629	653	714	762	841	993	972	957	943	62.7
Copper, tin, and sheet-iron work	220	186	193	*176*	182	205	214	222	245	**256**	255	252	254	68.8
Flour-mill and gristmill products	490	479	471	427	491	506	*400*	412	500	546	539	553	556	71.9
Food preparations, not elsewhere specified	396	426	407	420	415	351	278	*267*	315	402	433	506	532	50.2
Foundry and machine-shop products	2,189	**2,320**	2,254	2,207	2,186	2,148	2,159	*2,115*	2,185	2,196	2,165	2,179	2,154	91.2
Gas, illuminating and heating	448	422	*404*	410	425	439	439	449	455	453	462	497	521	77.5
Ice, manufactured	242	*156*	164	189	205	241	275	315	403	386	231	178	161	38.7
Lumber and timber products	823	599	564	*459*	509	696	1,029	**1,098**	1,048	1,040	1,074	939	841	40.0
Lumber, planing-mill products, not including planing mills connected with sawmills	411	349	*346*	352	348	376	416	439	457	464	455	466	464	74.2
Printing and publishing, book and job	952	913	918	940	940	959	951	976	981	*838*	975	1,010	1,023	81.9
Printing and publishing, newspapers and periodicals	1,079	1,063	*1,048*	1,056	1,063	1,084	1,075	1,079	1,079	**1,106**	1,098	1,096	1,101	94.8
Saddlery and harness	206	195	201	*188*	198	195	202	210	214	212	208	213	236	79.7
Slaughtering and meat packing	1,848	**1,991**	1,979	1,823	1,823	1,826	1,812	*1,752*	1,798	1,856	1,878	1,779	1,859	88.0
Smelting and refining, zinc	405	**533**	495	371	414	418	350	*271*	294	350	397	470	497	50.8
Tobacco, cigars	389	368	393	402	415	438	456	475	84	*78*	484	**540**	535	14.4
All other industries	13,532	14,715	13,736	13,236	13,736	13,691	13,760	14,389	**14,754**	*9,150*	12,607	13,961	14,649	62.2
Industries showing large proportion of females.														
Bread and other bakery products	456	456	450	*391*	420	408	415	439	469	451	478	**548**	547	71.4
Butter	91	74	*70*	74	85	105	112	109	104	103	95	82	79	62.5
Canning and preserving, fruits and vegetables	325	44	36	*26*	91	102	148	400	675	**1,242**	718	247	171	2.1
Clothing, men's	222	220	187	171	*170*	189	209	228	240	243	266	**272**	269	62.5
Confectionery and ice cream	462	*351*	369	379	354	376	391	412	472	611	**616**	611	602	57.0
Printing and publishing, book and job	204	199	190	205	203	194	192	210	216	*174*	205	222	238	73.1
Printing and publishing, newspapers and periodicals	104	107	*97*	103	100	107	106	106	104	105	**108**	98	107	89.8
Slaughtering and meat packing	114	120	116	*102*	103	123	120	110	106	108	**126**	119	115	81.0
Tobacco, cigars	125	115	127	131	132	134	135	137	41	*39*	159	**182**	168	21.4
Total for cities	20,100	19,549	19,443	*19,164*	19,782	19,413	19,706	20,401	20,515	20,457	20,872	20,831	**21,067**	91.0
Males	17,425	17,166	17,071	*16,830*	17,325	16,894	17,090	17,633	17,831	17,632	17,827	17,751	**18,050**	93.2
Females	2,675	2,383	2,372	*2,334*	2,457	2,519	2,616	2,768	2,684	2,825	3,045	3,080	3,017	75.8
BOULDER	165	156	150	142	*141*	151	158	159	178	178	178	190	**199**	70.9
Males	157	148	143	*134*	*134*	144	148	151	170	169	170	182	**191**	70.2
Females	8	8	*7*	8	*7*	7	10	8	8	9	8	8	8	70.0
COLORADO SPRINGS	714	638	*612*	622	655	687	749	822	**831**	780	726	727	719	73.6
Males	654	588	*564*	569	596	627	689	751	**762**	717	666	664	655	74.0
Females	60	50	*48*	53	59	60	60	71	**69**	63	60	63	64	67.6
DENVER	16,635	16,245	16,168	*16,027*	16,425	16,118	16,338	16,635	16,819	16,707	17,272	17,328	**17,538**	91.4
Males	14,287	14,134	14,060	13,949	14,266	*13,896*	14,049	14,277	14,459	14,302	14,596	14,587	**14,869**	93.5
Females	2,348	2,111	2,108	*2,078*	2,159	2,222	2,289	2,358	2,360	2,405	2,676	2,741	2,669	75.8
GREELEY	178	*109*	117	126	164	134	157	**372**	203	287	201	132	134	29.3
Males	154	*101*	110	120	129	128	151	**288**	195	206	168	125	127	35.1
Females	24	8	7	*6*	35	*6*	*6*	**84**	8	81	33	7	7	7.1
PUEBLO	1,856	1,832	1,854	*1,699*	1,869	1,771	1,756	1,865	1,931	**1,945**	**1,945**	1,908	1,897	87.4
Males	1,652	1,658	1,686	1,542	1,699	1,573	*1,531*	1,645	1,725	1,712	1,709	1,678	1,666	88.8
Females	204	174	168	*157*	170	198	225	220	206	233	236	230	231	66.5
TRINIDAD	552	569	542	548	*528*	552	548	548	553	560	550	546	**580**	91.0
Males	521	537	508	516	*501*	526	522	521	520	526	518	515	**542**	92.4
Females	31	32	34	32	27	*26*	*26*	27	33	34	32	31	**38**	68.4

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	35,254	1,684	402	18,464	1,014	3,240	5,251	1,891	3,308
	1914	27,278	(2)	(2)	7,442	1,723	2,647	5,438	5,179	4,849
	1909	28,067	(2)	(2)	4,587	1,787	3,463	3,588	8,211	6,431
Automobile bodies and parts	1919	212	2	.....	162	3	45	.....	.....	.....
	1914	60	(2)	(2)	22	.....	37	.....	1	.....
Automobile repairing	1919	1,495	4	.....	270	64	823	78	238	18
	1914	63	(2)	(2)	2	.....	43	.....	2	16
Bread and other bakery products	1919	1,340	8	104	848	117	133	43	58	29
	1914	1,082	(2)	(2)	511	49	239	129	118	36
Brick and tile, terra-cotta, and fire-clay products	1919	812	181	.....	200	.....	367	.....	47	17
	1914	561	(2)	(2)	71	51	33	184	219	3
Butter	1919	338	1	.....	70	21	52	31	51	112
	1914	239	(2)	(2)	10	9	31	73	42	74
Canning and preserving, fruits and vegetables	1919	663	9	2	156	.....	250	70	176	.....
	1914	578	(2)	(2)	69	9	376	9	71	44
Cars and general shop construction and repairs by steam-railroad companies.	1919	5,739	.....	.....	3,559	.....	22	2,147	3	8
	1914	4,349	(2)	(2)	659	254	145	1,640	196	1,455
Clothing, men's [3]	1919	242	221	.....	.....	.....	21	.....	.....	.....
Confectionery and ice cream	1919	783	16	.....	600	4	91	33	25	14
	1914	502	(2)	(2)	68	113	180	17	89	35
Copper, tin, and sheet-iron work	1919	220	88	.....	27	10	94	.....	1	.....
	1914	143	(2)	(2)	75	12	6	49	1	.....
Flour-mill and gristmill products	1919	490	30	.....	14	34	94	.....	305	13
	1914	393	(2)	(2)	9	.....	5	4	64	311
Food preparations, not elsewhere specified	1919	396	11	.....	155	6	22	.....	202	.....
	1914	218	(2)	(2)	18	93	24	.....	55	28
Foundry and machine-shop products [4]	1919	2,195	80	74	1,597	192	204	.....	48	.....
	1914	1,166	(2)	(2)	222	349	402	22	166	5
Gas, illuminating and heating	1919	448	.....	.....	2	38	6	402	.....	.....
	1914	387	(2)	(2)	5	6	34	46	.....	296
Ice, manufactured	1919	242	.....	.....	118	.....	9	41	10	64
	1914	231	(2)	(2)	79	.....	.....	18	62	72
Lumber and timber products	1919	823	2	14	76	9	151	3	534	34
	1914	996	(2)	(2)	38	10	89	29	802	28
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	411	322	31	32	9	13	.....	4	.....
	1914	323	(2)	(2)	173	9	136	1	4	.....
Printing and publishing, book and job	1919	952	8	.....	944	.....	.....	.....	.....	.....
	1914	870	(2)	(2)	842	.....	28	.....	.....	.....
Printing and publishing, newspapers and periodicals	1919	1,079	26	14	992	4	25	10	4	4
	1914	1,115	(2)	(2)	897	24	90	95	8	1
Saddlery and harness	1919	206	2	.....	96	.....	12	61	35	.....
	1914	162	(2)	(2)	10	.....	84	40	28	.....
Slaughtering and meat packing	1919	1,848	2	.....	1,804	8	14	.....	20	.....
	1914	777	(2)	(2)	1	281	13	.....	479	3
Smelting and refining, zinc [3]	1919	405	.....	.....	.....	.....	.....	405	.....	.....
Tobacco, cigars	1919	389	259	70	57	.....	2	.....	1	.....
	1914	330	(2)	(2)	329	.....	.....	.....	.....	1
All other industries	1919	13,526	412	93	6,685	495	790	1,927	129	2,995
	1914	12,733	(2)	(2)	3,332	454	652	3,082	2,772	2,441
Total for cities	1919	20,100	1,597	388	11,805	954	2,143	2,583	474	156
	1914	13,004	(2)	(2)	5,767	1,170	1,874	1,660	1,213	1,320
BOULDER	1919	165	1	.....	65	.....	31	48	20	.....
	1914	90	(2)	(2)	49	.....	5	5	19	12
COLORADO SPRINGS	1919	714	33	12	366	7	214	61	14	7
	1914	538	(2)	(2)	176	.....	71	103	126	62
DENVER	1919	16,635	1,335	369	10,422	851	1,792	1,491	248	127
	1914	11,062	(2)	(2)	5,140	1,136	1,515	1,267	867	1,137
GREELEY	1919	178	.....	.....	43	.....	21	18	80	16
	1914	170	(2)	(2)	25	.....	87	17	15	26
PUEBLO	1919	1,856	223	7	501	96	61	859	103	6
	1914	908	(2)	(2)	236	34	156	268	183	31
TRINIDAD	1919	552	5	.....	408	.....	24	106	9	.....
	1914	236	(2)	(2)	141	.....	40	.....	3	52

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

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
			No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
	Establishments.	Wage earners (average number).	Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	2,631	35,254	461	1,495	3,130	421	4,515	143	4,450	44	3,232	48	7,738	11	3,488	7	5,251	1	3,450
Automobile bodies and parts	29	212	4	13	30	9	102	3	80										
Automobile repairing	401	1,495	50	288	655	51	477	12	363										
Bread and other bakery products	252	1,340	64	157	301	19	200	7	276	2	145	3	418						
Brick and tile, terra-cotta, and fire-clay products	43	812	2	17	41	15	182	7	233			2	356						
Butter	65	338	5	47	106	12	142			1	90								
Canning and preserving, fruits and vegetables	18	663		2	3	6	64	5	200	4	275	1	121						
Cars and general shop construction and repairs by steam-railroad companies	30	5,739		3	10	5	69	5	126	4	278	7	1,454	2	537	4	3,265		
Clothing, men's	5	242				2	33	2	48			1	161						
Confectionery and ice cream	91	783	13	56	112	12	128	6	162	2	130	2	251						
Copper, tin, and sheet-iron work	49	220	7	34	76	7	55			1	89								
Flour-mill and gristmill products	120	490	22	75	109	19	205	3	115	1	61								
Food preparations, not elsewhere specified	57	396	3	35	100	15	185	4	111										
Foundry and machine-shop products	120	2,189	10	49	118	39	448	10	330	7	550	5	743						
Gas, illuminating and heating	10	448		2	7	5	54	2	68					1	319				
Ice, manufactured	27	242	1	19	51	3	23	3	81	1	87								
Lumber and timber products	136	823	10	91	178	25	242	8	246	2	157								
Lumber, planing-mill products, not including planing mills connected with sawmills	41	411	2	26	63	9	108	2	54	2	186								
Printing and publishing, book and job	120	952	30	56	129	25	288	6	200	1	82	2	253						
Printing and publishing, newspapers and periodicals	333	1,079	109	191	297	26	262	4	106	1	75	2	339						
Saddlery and harness	27	206	6	14	25	4	58	2	68	1	55								
Slaughtering and meat packing	21	1,848	2	11	41	2	21	2	63			2	253			2	1,470		
Smelting and refining, zinc	4	405						1	43	2	132	1	230						
Tobacco, cigars	58	389	30	20	34	6	63			1	58	1	234						
All other industries	574	13,532	91	289	644	105	1,106	49	1,477	11	782	19	2,925	8	2,632	1	516	1	3,450
Total for cities	1,447	20,100	260	716	1,666	303	3,385	103	3,191	27	1,968	25	4,027	4	1,194	6	4,669		
BOULDER	43	165	9	26	60	7	79	1	26										
COLORADO SPRINGS	119	714	19	69	152	24	238	5	174	2	150								
DENVER	1,097	16,635	210	521	1,202	234	2,615	80	2,509	22	1,618	22	3,437	2	585	6	4,669		
GREELEY	31	178	3	21	47	6	77			1	54								
PUEBLO	120	1,856	17	58	145	25	268	15	440	1	78	3	590	1	335				
TRINIDAD	37	552	2	21	60	10	108	2	42	1	68			1	274				

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

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	2,631	2,126	2,034	35,254	27,278	28,067	$275,622,335	$136,839,321	$130,044,312	$100,752,060	$47,083,019	$49,553,408
Less than $5,000	830	905	760	439	779	731	2,130,334	2,198,182	1,862,931	1,407,989	1,493,688	1,257,050
$5,000 to $20,000	903	730	748	2,212	2,584	2,885	9,525,352	7,182,169	7,504,776	5,533,520	4,266,768	4,692,917
$20,000 to $100,000	598	317	351	5,452	3,919	4,632	27,126,332	13,142,811	14,497,582	13,226,698	6,148,768	7,938,415
$100,000 to $500,000	211	130	155	7,532	10,731	11,914	47,420,264	29,263,319	47,533,323	19,716,785	17,925,607	20,433,582
$500,000 to $1,000,000	43	18		3,975			28,979,323	13,144,873		10,383,097		
$1,000,000 and over	46	26	20	15,644	9,265	7,905	160,440,730	71,907,967	58,645,700	50,483,971	17,248,188	15,231,444
	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	31.5	42.6	37.4	1.2	2.9	2.6	0.8	1.6	1.4	1.4	3.2	2.5
$5,000 to $20,000	34.4	34.3	36.8	6.3	9.5	10.3	3.5	5.2	5.8	5.5	9.1	9.5
$20,000 to $100,000	22.7	14.9	17.3	15.5	14.4	16.5	9.8	9.6	11.1	13.1	13.1	16.0
$100,000 to $500,000	8.0	6.1	7.6	21.4	39.3	42.4	17.2	21.4	36.6	19.6	38.1	41.2
$500,000 to $1,000,000	1.6	0.8		11.3			10.5	9.6		10.3		
$1,000,000 and over	1.7	1.2	1.0	44.4	34.0	28.2	53.2	52.5	45.1	50.1	36.6	30.7

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
AUTOMOBILE REPAIRING	401	12	100.0	100.0	1,495	63	100.0	100.0	$5,679,480	$134,806	100.0	100.0	$3,557,213	$115,556	100.0	100.0
Less than $5,000	143	3	35.7	25.0	103	3	6.9	4.8	404,733	7,556	7.1	5.6	281,662	6,328	7.9	5.5
$5,000 to $20,000	194	[1] 9	48.4	75.0	598	[1] 60	40.0	95.2	1,964,896	[1] 127,250	34.6	94.4	1,359,020	[1] 109,228	38.2	94.5
$20,000 to $100,000	59	.....	14.7	.....	668	.....	44.7	.....	2,345,870	.....	41.3	.....	1,376,283	.....	38.7	.....
$100,000 to $500,000	5	.....	1.2	.....	126	.....	8.4	.....	963,981	.....	17.0	.....	540,248	.....	15.2	.....
BREAD AND OTHER BAKERY PRODUCTS	252	285	100.0	100.0	1,340	1,082	100.0	100.0	9,807,799	4,785,318	100.0	100.0	3,747,832	2,143,312	100.0	100.0
Less than $5,000	65	116	25.8	40.7	19	53	1.4	4.9	194,916	339,952	2.0	7.1	74,093	157,716	2.0	7.4
$5,000 to $20,000	118	141	46.8	49.5	148	283	11.0	26.2	1,243,193	1,207,302	12.7	25.2	458,989	557,405	12.2	26.0
$20,000 to $100,000	54	21	21.4	7.4	284	219	21.2	20.2	2,225,062	885,025	22.7	18.5	763,809	325,039	20.4	15.2
$100,000 to $500,000	11	[2] 7	4.4	2.5	383	[2] 527	28.6	48.7	2,711,423	[2] 2,352,979	27.6	49.2	1,037,647	[2] 1,103,152	27.7	51.5
$500,000 and over	4	.....	1.6	.....	506	.....	37.8	.....	3,433,205	.....	35.0	.....	1,413,294	.....	37.7	.....
BUTTER	65	56	100.0	100.0	338	239	100.0	100.0	8,768,394	3,017,062	100.0	100.0	1,404,892	499,156	100.0	100.0
Less than $5,000	4	5	6.2	8.9	1	1	0.3	0.4	10,584	10,081	0.1	0.3	2,003	3,077	0.1	0.6
$5,000 to $20,000	15	25	23.1	44.6	22	28	6.5	11.7	187,254	265,616	2.1	8.8	50,377	54,762	3.6	11.0
$20,000 to $100,000	30	19	46.2	33.9	77	71	22.8	29.7	1,632,302	860,907	18.6	28.5	323,996	170,752	23.1	34.2
$100,000 to $500,000	13	[2] 7	20.0	12.5	125	[2] 139	37.0	58.2	3,463,603	[2] 1,880,458	39.5	62.3	579,419	[2] 270,565	41.2	54.2
$500,000 and over	3	.....	4.6	.....	113	.....	33.4	.....	3,474,651	.....	39.6	.....	449,097	.....	32.0	.....
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS by STEAM-RAILROAD COMPANIES	30	25	100.0	100.0	5,739	4,349	100.0	100.0	15,130,423	6,821,673	100.0	100.0	9,482,236	4,239,178	100.0	100.0
Less than $20,000	3	5	10.0	20.0	9	53	0.2	1.2	24,867	65,066	0.2	1.0	13,857	44,744	0.1	1.1
$20,000 to $100,000	9	7	30.0	28.0	168	176	2.9	4.0	440,237	227,083	2.9	3.3	314,681	139,230	3.3	3.3
$100,000 to $500,000	9	8	30.0	32.0	1,119	[3] 4,120	19.5	94.7	2,620,065	1,879,189	17.3	27.5	1,767,310	[3] 4,055,204	18.6	95.7
$500,000 to $1,000,000	5	[4] 5	16.7	20.0	1,178	.....	20.5	.....	3,762,366	[4] 4,650,335	24.9	68.2	2,379,080	.....	25.1	.....
$1,000,000 and over	4	.....	13.3	.....	3,265	.....	56.9	.....	8,282,888	.....	54.7	.....	5,007,308	.....	52.8	.....
CONFECTIONERY AND ICE CREAM	91	63	100.0	100.0	783	502	100.0	100.0	5,003,989	1,652,251	100.0	100.0	2,306,933	736,158	100.0	100.0
Less than $5,000	25	21	27.5	33.3	11	14	1.4	2.8	57,490	66,956	1.1	4.1	27,114	31,306	1.2	4.3
$5,000 to $20,000	35	28	38.5	44.4	77	77	9.8	15.3	410,858	272,783	8.2	16.5	204,609	149,803	8.9	20.4
$20,000 to $100,000	17	8	18.7	12.7	90	62	11.5	12.4	762,895	322,482	15.2	19.5	337,241	129,230	14.6	17.6
$100,000 and over	14	6	15.4	9.5	605	349	77.3	69.5	3,772,746	990,030	75.4	59.9	1,737,969	425,819	75.3	57.8
FLOUR-MILL AND GRISTMILL PRODUCTS	120	83	100.0	100.0	490	393	100.0	100.0	19,954,119	7,535,633	100.0	100.0	2,357,490	1,099,855	100.0	100.0
Less than $5,000	13	12	10.8	14.5	4	5	0.8	1.3	33,034	40,267	0.2	0.5	5,982	10,362	0.3	0.9
$5,000 to $20,000	41	26	34.2	31.3	27	22	5.5	5.6	476,408	295,309	2.4	3.9	67,285	60,254	2.9	5.5
$20,000 to $100,000	35	25	29.2	30.1	62	73	12.7	18.6	1,604,171	1,068,921	8.0	14.2	191,796	184,875	8.1	16.8
$100,000 to $500,000	19	16	15.8	19.3	114	[2] 293	23.3	74.6	5,040,905	3,059,676	25.3	40.7	722,561	[2] 844,364	30.6	76.8
$500,000 to $1,000,000	7	4	5.8	4.8	92	.....	18.8	.....	4,443,341	3,061,460	22.3	40.6	577,000	.....	24.5	.....
$1,000,000 and over	5	.....	4.2	.....	191	.....	39.0	.....	8,356,260	.....	41.9	.....	792,866	.....	33.6	.....
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	57	24	100.0	100.0	396	218	100.0	100.0	4,381,013	1,180,202	100.0	100.0	939,225	288,814	100.0	100.0
Less than $5,000	3	3	5.3	12.5	1	3	0.3	1.4	8,053	12,570	0.2	1.1	2,746	7,613	0.3	2.6
$5,000 to $20,000	11	9	19.3	37.5	18	29	4.5	13.3	124,880	108,130	2.8	9.2	40,112	47,887	4.3	16.6
$20,000 to $100,000	30	[5] 12	52.6	50.0	159	[5] 186	40.2	85.3	1,539,750	[5] 1,059,502	35.1	89.8	379,335	[5] 233,314	40.4	80.8
$100,000 to $500,000	13	.....	22.8	.....	218	.....	55.1	.....	2,708,330	.....	61.8	.....	517,032	.....	55.0	.....
FOUNDRY AND MACHINE-SHOP PRODUCTS [6]	124	108	100.0	100.0	2,195	1,166	100.0	100.0	11,235,995	4,011,400	100.0	100.0	6,347,350	2,180,818	100.0	100.0
Less than $5,000	24	27	19.4	25.0	16	43	0.7	3.7	69,319	75,363	0.6	1.9	55,162	55,444	0.9	2.5
$5,000 to $20,000	33	46	26.6	42.6	87	202	4.0	17.3	350,222	464,091	3.1	11.6	229,350	306,560	3.6	14.1
$20,000 to $100,000	43	26	34.7	24.1	494	371	22.5	31.8	1,990,201	1,088,661	17.7	27.1	1,093,381	565,020	17.2	25.9
$100,000 to $500,000	19	[2] 9	15.3	8.3	974	[2] 550	44.4	47.2	4,176,366	[2] 2,383,285	37.2	59.4	2,343,689	[2] 1,253,794	36.9	57.5
$500,000 and over	5	.....	4.0	.....	624	.....	28.4	.....	4,649,887	.....	41.4	.....	2,625,768	.....	41.4	.....
LUMBER AND TIMBER PRODUCTS	136	183	100.0	100.0	823	996	100.0	100.0	2,450,731	1,710,298	100.0	100.0	1,772,173	1,168,979	100.0	100.0
Less than $5,000	66	121	48.5	66.1	64	149	7.8	15.0	131,946	228,098	5.4	13.3	107,290	181,537	6.1	15.5
$5,000 to $20,000	40	43	29.4	23.5	168	312	20.4	31.3	406,210	491,737	16.6	28.8	322,196	382,359	18.2	32.7
$20,000 to $100,000	26	[5] 19	19.1	10.4	441	[5] 535	53.6	53.7	1,200,724	[5] 990,463	49.0	57.9	923,540	[5] 605,083	52.1	51.8
$100,000 to $500,000	4	.....	2.9	.....	150	.....	18.2	.....	711,851	.....	29.0	.....	419,147	.....	23.7	.....
PRINTING AND PUBLISHING, BOOK AND JOB	120	123	100.0	100.0	952	870	100.0	100.0	3,985,230	2,259,949	100.0	100.0	2,616,376	1,497,046	100.0	100.0
Less than $5,000	42	56	35.0	45.5	15	51	1.6	5.9	112,555	130,481	2.8	5.8	75,983	99,355	2.9	6.6
$5,000 to $20,000	40	46	33.3	37.4	115	171	12.1	19.7	411,157	459,223	10.3	20.3	284,534	344,654	10.9	23.0
$20,000 to $100,000	30	14	25.0	11.4	309	157	32.5	18.0	1,371,195	421,280	34.4	18.6	929,255	299,216	35.5	20.0
$100,000 and over	8	7	6.7	5.7	513	491	53.9	56.4	2,090,323	1,248,965	52.4	55.3	1,326,604	753,821	50.7	50.4
PRINTING AND PUBLISHING NEWSPAPERS AND PERIODICALS	333	343	100.0	100.0	1,079	1,115	100.0	100.0	7,533,978	4,278,359	100.0	100.0	5,218,767	3,287,025	100.0	100.0
Less than $5,000	197	240	59.2	70.0	98	200	9.1	17.9	510,064	577,476	6.8	13.5	410,303	485,124	7.9	14.8
$5,000 to $20,000	99	80	29.7	23.3	217	230	20.1	20.6	950,100	695,065	12.6	16.2	762,487	594,877	14.6	18.1
$20,000 to $100,000	29	18	8.7	5.2	268	201	24.8	18.0	1,265,929	763,874	16.8	17.9	971,078	595,475	18.6	18.1
$100,000 and over	8	5	2.4	1.5	496	484	46.0	43.4	4,807,885	2,241,944	63.8	52.4	3,074,899	1,611,549	58.9	49.0
SLAUGHTERING AND MEAT PACKING	21	16	100.0	100.0	1,848	777	100.0	100.0	41,007,531	12,726,127	100.0	100.0	5,222,167	2,039,201	100.0	100.0
Less than $100,000	10	7	47.6	43.8	25	28	1.4	3.6	454,732	282,128	1.1	2.2	92,206	58,794	1.8	2.9
$100,000 to $500,000	5	5	23.8	31.3	60	80	3.2	10.3	954,163	1,236,865	2.3	9.7	206,147	160,676	3.9	7.9
$500,000 and over	6	4	28.6	25.0	1,763	669	95.4	86.1	39,598,636	11,207,134	96.6	88.1	4,923,814	1,819,731	94.3	89.2

[1] Includes the group "$20,000 to $100,000."
[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 group "$100,000 to $500,000."
[6] Includes "iron and steel, welding."

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.
BOULDER	43	165	100.0	$1,556,585	100.0	$540,418	100.0
Less than $5,000	14	4	2.4	30,411	2.0	20,384	3.8
$5,000 to $20,000	15	36	21.8	138,681	8.9	83,025	15.4
$20,000 and over	14	125	75.8	1,387,493	89.1	437,009	80.9
COLORADO SPRINGS	119	714	100.0	4,315,147	100.0	1,945,101	100.0
Less than $5,000	37	22	3.1	90,221	2.1	60,486	3.1
$5,000 to $20,000	38	92	12.9	441,061	10.2	239,418	12.3
$20,000 to $100,000	33	297	41.6	1,516,611	34.9	755,312	38.8
$100,000 and over	11	303	42.4	2,297,254	52.9	889,885	45.7
DENVER	1,097	16,635	100.0	125,411,270	100.0	46,071,326	100.0
Less than $5,000	295	121	0.7	762,606	0.6	493,441	1.1
$5,000 to $20,000	358	910	5.5	3,783,510	3.0	2,316,867	5.0
$20,000 to $100,000	295	3,007	18.1	13,589,387	10.8	7,308,688	15.9
$100,000 to $500,000	110	4,072	24.5	25,151,049	20.1	11,346,985	24.6
$500,000 to $1,000,000	20	1,794	10.8	13,282,840	10.6	5,236,282	11.4
$1,000,000 and over	19	6,731	40.5	68,841,878	54.9	19,369,063	42.0
GREELEY	31	178	100.0	1,646,451	100.0	506,259	100.0
Less than $5,000	8	5	2.8	18,260	1.1	14,722	2.9
$5,000 to $20,000	12	24	13.5	137,478	8.3	69,127	13.7
$20,000 and over	11	149	83.7	1,490,713	90.6	422,410	83.4
PUEBLO	120	1,856	100.0	13,978,264	100.0	4,352,147	100.0
Less than $5,000	27	13	0.7	76,934	0.6	51,169	1.2
$5,000 to $20,000	36	105	5.7	410,137	2.9	221,867	5.1
$20,000 to $100,000	33	320	17.2	1,398,541	10.0	697,449	16.0
$100,000 to $500,000	20	606	32.7	4,255,984	30.4	1,867,767	42.9
$500,000 and over	4	812	43.8	7,836,668	56.1	1,513,895	34.7
TRINIDAD	37	552	100.0	1,928,464	100.0	938,499	100.0
Less than $5,000	4	1	0.2	10,220	0.5	9,046	1.0
$5,000 to $20,000	14	43	7.8	189,494	9.8	98,753	10.5
$20,000 to $100,000	14	113	20.5	582,932	30.2	273,993	29.2
$100,000 to $500,000	5	395	71.6	1,145,818	59.4	556,707	59.3

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

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	1,301	884	446	35,254	2,943	30,911	1,400	8.3	87.7	4.0	$275,622,335	$16,054,897	$250,927,940	$8,639,498	5.8	91.0	3.1
	1914	1,123	709	294	27,278	2,703	23,738	837	9.9	87.0	3.1	136,839,321	9,073,660	124,513,226	3,252,435	6.6	91.0	2.4
	1909	987	698	349	28,067	2,539	24,152	1,376	9.0	86.1	4.9	130,044,312	8,104,923	116,991,543	4,947,846	6.2	90.0	3.8
Automobile repairing	1919	206	78	117	1,495	546	648	301	36.5	43.3	20.1	5,679,480	2,115,942	2,539,502	1,024,036	37.3	44.7	18.0
	1914	5	4	3	63	11	38	14	17.5	60.3	22.2	134,806	26,117	77,947	30,742	19.4	57.8	22.8
Bread and other bakery products.	1919	183	29	40	1,340	275	975	90	20.5	72.8	6.7	9,807,799	2,283,893	6,766,671	757,235	23.3	69.0	7.7
	1914	219	20	46	1,082	357	641	84	33.0	59.2	7.8	4,785,318	1,608,808	2,752,365	424,145	33.6	57.5	8.9
Butter	1919	18	32	15	338	35	273	30	10.4	80.8	8.9	8,768,394	566,308	7,450,062	752,024	6.5	85.0	8.6
	1914	13	30	13	239	45	167	27	18.8	69.9	11.3	3,017,062	419,044	2,332,856	265,162	13.9	77.3	8.8
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	30	.....	5,739	.....	5,739	.....	.....	100.0	.....	15,130,423	.....	15,130,423	.....	.....	100.0	.....
	1914	1	24	.....	4,349	.....	[1]4,349	.....	.....	100.0	.....	6,821,673	.....	[1]6,821,673	.....	.....	100.0	.....
Confectionery and ice cream	1919	45	26	20	783	107	588	88	13.7	75.1	11.2	5,003,989	745,173	3,786,503	472,313	14.9	75.7	9.4
	1914	40	17	6	502	75	419	8	14.9	83.5	1.6	1,652,251	286,861	1,302,034	63,356	17.4	78.8	3.8
Flour-mill and gristmill products.	1919	21	86	13	490	19	450	21	3.9	91.8	4.3	19,954,119	592,436	18,701,687	659,996	3.0	93.7	3.3
	1914	15	58	10	393	18	364	11	4.6	92.6	2.8	7,535,633	295,984	7,048,962	190,687	3.9	93.5	2.5
Food preparations, not elsewhere specified.	1919	10	41	6	396	26	346	24	6.6	87.4	6.1	4,381,013	287,365	3,872,723	220,925	6.6	88.4	5.0
	1914	6	15	3	218	15	191	12	6.9	87.6	5.5	1,180,202	56,434	1,079,473	44,295	4.8	91.5	3.8
Foundry and machine-shop products.[2]	1919	58	54	12	2,195	218	1,926	51	9.9	87.7	2.3	11,235,995	1,091,741	9,895,694	248,560	9.7	88.1	2.2
	1914	41	48	19	1,166	155	941	70	13.3	80.7	6.0	4,011,400	419,328	3,411,261	180,811	10.5	85.0	4.5
Lumber and timber products.	1919	75	27	34	823	290	430	103	35.2	52.2	12.5	2,450,731	816,164	1,312,987	321,580	33.3	53.6	13.1
	1914	122	27	34	996	416	464	116	41.8	46.6	11.6	1,710,298	635,724	896,472	178,102	37.2	52.4	10.4
Printing and publishing, book and job.	1919	73	29	18	952	168	733	51	17.6	77.0	5.4	3,985,230	680,104	3,041,497	263,629	17.1	76.3	6.6
	1914	69	34	20	870	143	677	50	16.4	77.8	5.7	2,259,949	388,811	1,718,041	153,097	17.2	76.0	6.8
Printing and publishing, newspapers and periodicals.	1919	214	69	50	1,079	253	747	79	23.4	69.2	7.3	7,533,978	1,055,998	6,122,161	355,819	14.0	81.3	4.7
	1914	223	78	42	1,115	273	745	97	24.5	66.8	8.7	4,278,359	797,359	3,161,919	319,081	18.6	73.9	7.5
Slaughtering and meat packing.	1919	5	13	3	1,848	26	1,812	10	1.4	98.1	0.5	41,007,531	725,707	39,702,021	579,803	1.8	96.8	1.4
	1914	1	9	6	777	.....	740	[1]37	.....	95.2	4.8	12,726,127	.....	11,978,210	[1]747,917	.....	94.1	5.9

[1] Includes the group "Individuals."

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

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

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	676	548	223	20,100	1,811	17,385	904	9.0	86.5	4.5	$148,866,181	$10,396,371	$133,630,736	$4,839,074	7.0	89.8	3.3
	1914	557	433	153	13,004	1,505	10,988	511	11.6	84.5	3.9	54,408,904	5,303,807	47,020,349	2,084,748	9.7	86.4	3.8
BOULDER	1919	19	12	12	165	29	114	22	17.6	69.1	13.3	1,556,585	245,056	1,152,538	158,991	15.7	74.0	10.2
	1914	17	8	7	90	31	42	17	34.4	46.7	18.9	440,316	179,292	193,269	67,755	40.7	43.9	15.4
COLORADO SPRINGS	1919	64	38	17	714	118	533	63	16.5	74.6	8.8	4,345,147	640,936	3,420,521	283,690	14.8	78.7	6.5
	1914	35	30	9	538	77	428	33	14.3	79.6	6.1	1,906,832	349,706	1,398,092	159,034	18.3	73.3	8.3
DENVER	1919	514	412	171	16,635	1,420	14,472	743	8.5	87.0	4.5	125,411,270	8,243,178	113,190,110	3,977,982	6.6	90.3	3.2
	1914	442	329	114	11,062	1,219	9,416	427	11.0	85.1	3.9	46,982,273	4,131,338	41,166,077	1,684,858	8.8	87.6	3.6
GREELEY	1919	13	13	5	178	27	134	17	15.2	75.3	9.6	1,646,451	142,305	1,366,076	138,070	8.6	83.0	8.4
	1914	18	12	7	170	25	141	4	14.7	82.9	2.4	909,476	105,868	766,811	36,797	11.6	84.3	4.0
PUEBLO	1919	58	47	15	1,856	203	1,599	54	10.9	86.2	2.9	13,978,264	1,066,269	12,687,855	224,140	7.6	90.8	1.6
	1914	37	34	10	908	124	762	22	13.7	83.9	2.4	3,323,598	440,006	2,799,169	84,423	13.2	84.2	2.5
TRINIDAD	1919	8	26	3	552	14	533	5	2.5	96.6	0.9	1,928,464	58,627	1,813,636	56,201	3.0	94.0	2.9
	1914	8	20	6	236	29	199	8	12.3	84.3	3.4	846,409	97,597	696,931	51,881	11.5	82.3	6.1

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	.....	6	.....	3	.....	2	.....	1	.....	.....	.....
	1914	.....	6	.....	3	.....	2	.....	1	.....	.....	.....
	1909	.....	4	.....	1	.....	2	.....	1	.....	.....	.....
Population [1]	1920	939,629	362,516	38.6	32,870	3.5	73,155	7.8	256,491	27.3	577,113	61.4
	1915	909,537	362,616	39.9	34,158	3.8	82,935	9.1	245,523	27.0	546,921	60.1
	1910	799,024	294,410	36.8	10,204	1.3	70,825	8.9	213,381	26.7	504,614	63.2
Number of establishments	1919	2,631	1,447	55.0	111	4.2	239	9.1	1,097	41.7	1,184	45.0
	1914	2,126	1,143	53.8	103	4.8	155	7.3	885	41.6	983	46.2
	1909	2,034	946	46.5	30	1.5	151	7.4	765	37.6	1,088	53.5
Average number of wage earners	1919	35,254	20,100	57.0	895	2.5	2,570	7.3	16,635	47.2	15,154	43.0
	1914	27,278	13,004	47.7	496	1.8	1,446	5.3	11,062	40.6	14,274	52.3
	1909	28,067	13,440	47.9	220	0.8	1,581	5.6	11,639	41.5	14,627	52.1
Value of products	1919	$275,622,335	$148,866,181	54.0	$5,131,500	1.9	$18,323,411	6.7	$125,411,270	45.5	$126,756,154	46.0
	1914	136,839,321	54,408,904	39.7	2,196,201	1.6	5,230,430	3.8	46,982,273	34.3	82,430,417	60.3
	1909	130,044,312	52,480,629	40.3	814,353	0.6	4,741,516	3.6	46,924,760	36.1	77,563,683	59.6
Value added by manufacture	1919	100,752,060	54,353,750	54.0	1,985,176	2.0	6,297,248	6.3	46,071,326	45.8	46,398,310	46.1
	1914	47,083,019	22,633,485	48.1	989,305	2.1	2,697,967	5.7	18,946,213	40.3	24,449,534	51.9
	1909	49,553,408	23,151,853	46.7	503,890	1.0	2,560,659	5.2	20,087,304	40.5	26,401,555	53.3

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

TABLE 16.—PRINCIPAL INDUSTRIES IN DENVER (THE ONLY CITY IN THE STATE HAVING 50,000 INHABITANTS OR MORE), WITH PER CENT OF TOTAL FOR STATE: 1919.

INDUSTRY.	VALUE OF PRODUCTS.				INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.			Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.				Amount.	Per cent.
Slaughtering and meat packing	$37,577,198	91.6	$26,347,600	234.6	Saddlery and harness	$1,077,187	69.2	$755,618	235.0
Foundry and machine-shop products [1]	8,785,627	78.2	5,766,559	191.0	Lithographing	914,680	100.0	(2)	.....
Cars and general shop construction and repairs by steam-railroad companies	7,064,234	46.7	4,111,053	139.2	Structural ironwork, not made in steel works or rolling mills	836,391	100.0	(2)	.....
Bread and other bakery products	6,693,718	68.2	3,405,732	103.6	Chemicals	(2)	(2)	(2)	(2)
Flour-mill and gristmill products	6,650,881	33.3	3,931,943	144.6	Clothing, men's				
Butter	5,043,798	57.5	3,015,099	148.6	Coffee, roasting and grinding				
Printing and publishing, newspapers and periodicals	4,882,952	64.8	2,328,416	91.1	Gas, illuminating and heating				
Confectionery and ice cream	3,769,045	75.3	2,593,958	220.7	Mattresses and spring beds, not elsewhere specified				
Printing and publishing, book and job	3,411,970	88.8	1,586,286	86.9	Paints				
Automobile repairing	3,029,375	53.3	2,992,508	8,117.0	Rubber tires, tubes, and rubber goods, not elsewhere specified				
Brick and terra-cotta products	1,385,125	55.3	746,923	117.0	Smelting, lead				
Tobacco, cigars	1,296,272	88.5	634,358	95.8	Sulphuric, nitric, and mixed acids				
Copper, tin, and sheet-iron work	1,208,707	83.7	806,709	200.7					
Lumber, planing-mill products, not including planing mills connected with sawmills	1,101,147	70.0	641,845	139.7					

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

[2] Figures can not be shown without disclosing individual operations in 1914.

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

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	6,784	4,299	3,239	206,309	162,828	154,615	100.0	100.0	100.0
Owned	1,067	1,109	1,387	148,787	135,352	138,640	72.1	83.1	89.7
Steam [1]	792	842	1,207	145,417	126,608	135,750	70.5	77.8	87.8
Engines	748	(2)	(2)	138,280	(2)	(2)	67.0		
Turbines	44	(2)	(2)	7,137	(2)	(2)	3.5		
Internal-combustion engines	238	183	141	2,186	2,075	1,464	1.1	1.3	1.0
Water	37	84	39	1,184	6,669	1,426	0.6	4.1	0.9
Water wheels and turbines	21	38	28	929	2,365	1,377	0.5	1.5	0.9
Water motors	16	46	11	255	4,304	49	0.1	2.6	(3)
Rented	5,717	3,190	1,852	57,522	27,476	15,975	27.9	16.9	10.3
Electric	5,717	3,190	1,852	57,323	27,349	15,874	27.8	16.8	10.2
Other				199	127	101	0.1	0.1	0.1
Electric	7,541	4,765	2,927	86,036	57,278	35,944	100.0	100.0	100.0
Rented	5,717	3,190	1,852	57,323	27,349	15,874	66.6	47.7	44.2
Generated by establishments reporting	1,824	1,575	1,075	28,713	29,929	20,070	33.4	52.3	55.8

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

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

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	33,331	2,946,699	530,304	113,178	39,380	114,840
1914	14,495	2,627,893	600,190	98,339	(1)	916,938
Per cent of increase [2]	129.9	12.1	−11.6	55.1	(1)	−87.5
Automobile repairing	191	6,307	110	40	596	5,150
Bread and other bakery products	179	11,744	6,678	24	28	18,072
Brick and tile, terra-cotta, and fire-clay products	431	83,076	237	22	1	
Butter	2	11,223	45		30	12
Canning and preserving, fruits and vegetables		7,905	1,350	1	103	
Cars and general shop construction and repairs by steam-railroad companies	1,143	311,300	703	12,814	60	793
Cement		117,397				
Coke, not including gas-house coke		1,132,538				3,025
Condensed milk		10,671			12	
Confectionery and ice cream	24	4,210	184		155	20,285
Explosives		10,120	110	36,720		
Flour-mill and gristmill products	168	39,063	30	940	620	162
Food preparations, not elsewhere specified	5	6,877		1	1	676
Foundry and machine-shop products	202	14,672	17,901	10,592	206	9,197
Gas, illuminating and heating		138,045	3,054	42,347		
Ice, manufactured	1,120	57,269			90	
Iron and steel, blast furnaces		26,754	400,072			
Iron and steel, steel works and rolling mills		339,741	11,664	7,895		3,360
Liquors, malt, including cereal beverages		9,841				
Petroleum, refining		18,099		1,040	36,408	12
Printing and publishing, newspapers and periodicals	44	3,900	6	65	375	13,041
Rubber tires, tubes, and rubber goods, not elsewhere specified		7,739			13	837
Slaughtering and meat packing		68,433	4,427	20	1	470
Smelting, lead	2,658	72,002	68,431	526	25	5,547
Smelting and refining, zinc	26,636	34,715	1,223			
Sugar, beet		350,556	12,555			
Sulphuric, nitric, and mixed acids		19,750	290			
All other industries	528	32,752	1,234	131	656	34,201
Total for cities	10,643	541,322	57,596	61,493	837	107,770
BOULDER		8,920	1,537	4,462	1	674
COLORADO SPRINGS	1,213	19,623	2,189	968	268	4,572
DENVER	1,434	411,797	34,401	55,438	376	91,372
GREELEY		8,028	30		20	931
PUEBLO	7,992	84,182	19,245	625	172	10,054
TRINIDAD	4	8,762	194			167

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

SPECIAL STATISTICS.

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

Slaughtering and meat packing (Table 19).—This table presents, for the last three censuses, the kind, number, and cost of animals slaughtered; the cost of dressed meat purchased for curing; and the cost of all other materials, which includes fuel, containers, ice, seasoning, rent of power, freight, and mill supplies; and the quantity and value of the principal products that can be shown without disclosing the operations of individual establishments. Under "All other products" are included cured beef, canned beef, pork, and sausage, lard, oleo and other oils, oleo stearin, oleomargarine, soap, grease, casings, stock feed, and other products of slaughtering and meat-packing establishments.

The total cost of materials used in the industry increased $25,098,438, or 234.9 per cent, from 1914 to 1919, and the total value of products $28,281,404, or 222.2 per cent. The total number of animals slaughtered increased 368,431, or 90.4 per cent, during the same period. A comparison of the increases in 1919 over 1914 in the number and quantity with that for cost and value shows much the larger percentages of increase in cost and values. This is due to the high prices prevailing in 1919.

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

	1919	1914	1909
MATERIALS.			
Total cost	$35,785,364	$10,686,926	$8,294,779
Animals slaughtered:			
Beeves—			
Number	145,694	62,735	64,308
Cost	$12,986,062	$4,115,928	$2,720,876
Calves—			
Number	20,645	3,805	10,130
Cost	$545,055	$68,495	$135,103
Sheep and lambs and goats and kids—			
Number	212,718	81,141	55,606
Cost	$2,346,901	$415,108	$251,997
Hogs—			
Number	396,876	259,821	276,618
Cost	$15,227,544	$4,750,771	$4,056,945
Dressed meat purchased for curing, cost	[1] $1,091,877	[1] $557,745	$292,761
All other materials, cost	$3,587,925	$778,879	$837,097
PRODUCTS.			
Total value	$41,007,531	$12,726,127	$9,656,810
Fresh meat:			
Beef—			
Pounds	65,220,018	32,859,339	33,521,352
Value	$10,052,441	$3,715,229	$2,548,947
Veal—			
Pounds	2,773,589	603,734	1,369,852
Value	$471,865	$88,284	$128,314
Mutton and lamb and goat and kid—			
Pounds	8,173,304	3,340,509	2,405,106
Value	$1,737,789	$354,078	$237,668
Pork—			
Pounds	15,444,015	12,602,386	12,191,600
Value	$3,728,101	$1,481,140	$1,198,459
Edible offal and other fresh meat—			
Pounds	[1] 4,687,720	[1] 1,886,539	1,863,103
Value	[1] $464,915	[1] $131,047	$91,055

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

	1919	1914	1909
PRODUCTS—continued.			
Cured pork:			
Sweet pickled, not smoked—			
Pounds	4,882,454		
Value	$1,398,409		
Sweet pickled, smoked—			
Pounds	15,813,201	23,106,230	29,530,615
Value	$5,548,281	$3,500,221	$2,648,836
Dry salt, smoked and not smoked—			
Pounds	16,141,937		
Value	$4,431,933		
Sausage:			
Pounds	7,522,916	2,635,450	3,375,797
Value	$1,544,187	$322,103	$283,558
Lard:			
Pounds	11,654,256	11,260,406	12,633,806
Value	$3,529,785	$1,270,388	$1,418,794
Lard compounds and other substitutes:			
Pounds	7,523,287	4,582,025	(2)
Value	$1,897,620	$394,944	(2)
Tallow, edible and inedible:			
Pounds	1,827,904	1,683,964	1,638,235
Value	$191,231	$99,218	$108,826
Fertilizer and fertilizer materials:			
Tons	2,069	2,428	2,024
Value	$99,672	$71,841	$54,413
Hides, cattle and calf:			
Number	165,941	64,529	67,946
Pounds	8,416,616	3,628,280	4,071,771
Value	$2,544,420	$587,844	$480,589
Pelts, sheep:			
Number	212,702	81,041	55,085
Value	$671,472	$89,580	$54,505
All other products, value	$2,695,410	$620,210	$402,846

[1] Includes poultry, to avoid disclosure of individual operations.
[2] Not reported separately.

Flour-mill and gristmill products (Table 20).—This table shows the quantity and value of the flour-mill and gristmill products for 1919, 1914, and 1909.

Wheat flour, the product of chief value in the industry, formed 74.9 per cent of the total in 1919 and 65.3 per cent in 1914; during the five-year period it increased 203.5 per cent in value and only 20.5 per cent in quantity.

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

	1919	1914	1909
Total value	$19,954,119	$7,535,633	$7,867,706
Wheat flour.			
Barrels	1,480,736	1,229,225	977,779
Value	$14,944,461	$4,923,302	$5,172,638
Rye flour:			
Barrels	5,365	.....	.....
Value	$47,406	.....	.....
Corn meal and corn flour:			
Barrels	52,287	16,443	21,958
Value	$491,092	$61,354	$74,764
Barley meal:			
Pounds	87,622	.....	.....
Value	$4,031	.....	.....
Bran and middlings:			
Tons	50,859	49,240	
Value	$1,829,542	$1,125,071	96,120
Feed and offal:			$2,546,408
Tons	49,253	47,721	
Value	$2,617,571	$1,422,509	
Alfalfa meal:			
Tons	343	.....	.....
Value	$11,000	.....	.....
Breakfast foods:			
Pounds	1,750	26,416	.....
Value	$131	$1,722	.....
All other cereal products, value	.....	$725	$20,590
All other products, value	$8,885	$950	$53,306

Butter, cheese, and condensed milk (Table 21).—This table presents the quantity and value of the principal kinds of products of the butter, cheese, and condensed-milk factories in 1919, 1914, and 1909.

The total value of all products increased $8,309,375, or 231 per cent, from 1914 to 1919. During this five-year period butter, which in 1919 represented 67 per cent of the total value of products, increased $5,465,734, or 217.4 per cent, in value as compared with 57.8 per cent in quantity.

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

	1919	1914	1909
Total value	$11,905,940	$3,596,565	$2,339,765
Butter:			
Pounds	13,982,711	8,862,705	6,351,691
Value	$7,979,413	$2,513,679	$1,863,695
Packed solid—			
Pounds	4,681,219	2,741,353	664,599
Value	$2,497,395	$783,137	$183,200
Prints or rolls—			
Pounds	9,301,492	6,121,352	5,687,092
Value	$5,482,018	$1,730,542	$1,680,495
Cheese:			
Pounds	1,163,140	(1)	550,622
Value	$653,869	(1)	$77,550
All other butter, cheese, and condensed milk factory products, value	$731,802	$290,702	$56,739
All other products, value	$2,540,856	$792,184	$341,781

[1] Included in "All other products," to avoid disclosure of individual operations.

Printing and publishing (Table 22).—This table shows the number and aggregate circulation per issue of the various classes of newspapers and periodicals in Colorado for the census years 1919, 1914, and 1909.

The decrease in circulation in 1919, as compared with 1914, is due to the discontinuance or removal of a number of weekly and monthly publications, some of a fraternal character, and to a reduction in the circulation of a number of those reported. Of the 380 publications reported for 1919, 18 were printed in foreign languages, as compared with 20 in 1914. Of these publications, 5 weekly and 1 semiweekly were in Italian; 1 semimonthly in Danish and 1 monthly in Danish and English; 1 weekly in German and 1 Sunday in German and English; 1 afternoon daily in Japanese; 4 weekly in Spanish; 1 weekly and 1 monthly in Spanish and English; and 1 weekly in Swedish.

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	380	395	382	978,179	1,176,604	1,133,364
Daily	44	44	53	287,972	249,465	335,147
Sunday	11	11	13	252,981	214,916	223,008
Semiweekly[1]	6	5	6	12,206	3,964	5,609
Weekly	285	293	278	279,554	430,727	338,092
Monthly[2]	34	42	32	145,466	277,532	231,508

[1] Includes 1 triweekly in 1919 and 1914.
[2] Includes 3 semimonthly and 1 bimonthly publications in 1919, and 4 semimonthly and 3 quarterly in 1914.

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

TABLE 23.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919
	1919	1914	
Number of establishments	92	94	.....
Persons engaged	2,470	2,079	18.8
Proprietors and firm members	86	97	.....
Salaried employees	298	223	33.6
Wage earners (average number)	2,086	1,759	18.6
Primary horsepower	2,925	2,723	7.4
Capital	$2,255,955	$1,440,896	56.6
Salaries and wages	1,879,761	1,098,787	71.1
Salaries	442,133	249,777	77.0
Wages	1,437,628	849,010	69.3
Paid for contract work	2,210	8,679	—74.5
Rent and taxes	132,585	70,147	89.0
Cost of materials	688,537	364,301	89.0
Amount received for work done	3,759,849	2,163,263	73.8

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

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

TABLE 24.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	42
Persons engaged	346
Proprietors and firm members	43
Salaried employees	51
Wage earners (average number)	252
Primary horsepower	313
Capital	$414,500
Salaries and wages	324,293
Salaries	68,833
Wages	255,460
Paid for contract work	8,167
Rent and taxes	32,334
Cost of materials	138,819
Amount received for work done	753,058

Custom sawmills and gristmills (Table 25).—Statistics for custom sawmills and custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914. Table 25, however, summarizes the statistics for such mills for 1919. Corresponding data for 1909 can not be shown without disclosing individual operations. 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 25.—CUSTOM SAWMILLS AND GRISTMILLS: 1919.

	Custom sawmills.	Custom gristmills.
Number of establishments	3	7
Persons engaged	7	10
Proprietors and firm members	5	5
Salaried employees		1
Wage earners (average number)	2	4
Primary horsepower	101	165
Capital	$7,400	$65,095
Salaries and wages	2,100	5,941
Salaries		1,050
Wages	2,100	4,891
Rent and taxes	48	584
Cost of materials	285	107,640
Value of products	4,125	120,683

GENERAL TABLES.

Table 26 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products, for selected industries in the state and in Denver, and for cities having from 10,000 to 50,000 inhabitants similar data for all industries combined.

Table 27 presents, for 1919, in the state as a whole and in Denver, 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 26.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	2,631	35,254	206,309	$42,975	$174,870	$275,622
	1914	2,126	27,278	162,828	20,200	89,756	136,839
	1909	2,034	28,067	154,615	19,912	80,491	130,044
Automobile bodies and parts.	1919	29	212	219	276	341	819
	1914	9	60	35	42	147	345
Awnings, tents, and sails	1919	10	182	152	109	669	1,022
	1914	11	84	62	50	372	534
	1909	7	117	147	53	370	615
Bread and other bakery products.	1919	252	1,340	1,459	1,309	6,060	9,808
	1914	285	1,082	935	712	2,642	4,785
	1909	250	889	613	559	2,297	3,969
Brick, tile, pottery, and other clay products.	1919	48	907	4,759	946	808	2,705
	1914	46	614	3,684	405	412	1,194
	1909	75	1,136	4,373	780	619	2,106
Butter, cheese, and condensed milk.	1919	78	495	2,565	454	9,947	11,906
	1914	61	291	1,388	223	2,912	3,597
	1909	39	210	657	130	1,924	2,340
Canning and preserving [1]	1919	24	689	1,896	486	1,831	3,190
	1914	26	684	1,453	287	1,090	1,798
	1909	30	518	1,349	250	672	1,528
Cars and general shop construction and repairs by steam-railroad companies.	1919	30	5,739	8,282	8,586	5,648	15,130
	1914	25	4,349	7,171	3,711	2,582	6,822
	1909	29	3,993	3,947	3,393	2,604	6,559
Coffee, roasting and grinding.	1919	7	38	155	30	981	1,261
	1914	9	79	278	52	930	1,168
	1909	10	56	177	43	530	768
Confectionery and ice cream.	1919	91	783	936	570	2,697	5,004
	1914	63	502	481	214	916	1,652
Copper, tin, and sheet-iron work.	1919	49	220	37	283	682	1,411
	1914	42	143	46	111	236	505
	1909	21	104	44	89	133	284
Flour-mill and gristmill products.	1919	120	490	9,074	569	17,597	19,954
	1914	83	393	6,746	316	6,436	7,536
	1909	77	282	6,810	220	6,672	7,868
Food preparations, not elsewhere specified.	1919	57	396	5,941	362	3,442	4,381
	1914	24	218	1,614	105	891	1,180
	1909	22	157	1,041	69	271	447
Foundry and machine-shop products. [2]	1919	533	3,798	12,361	4,885	7,543	17,778
	1914	130	1,369	4,785	1,072	2,122	4,575
	1909	111	1,813	4,325	1,280	2,804	5,907
Furniture	1919	14	133	231	$153	$269	$586
	1914	9	97	172	79	140	282
	1909	14	176	258	146	257	542
Gas, illuminating and heating.	1919	10	448	736	565	1,001	2,649
	1914	8	387	1,379	303	562	1,588
	1909	10	306	646	191	636	1,472
Ice, manufactured	1919	27	242	5,025	274	243	1,045
	1914	32	231	4,793	181	182	654
	1909	30	251	4,361	190	126	570
Leather goods [3]	1919	37	329	295	356	1,153	1,990
	1914	37	218	121	162	460	842
	1909	30	269	109	172	539	1,054
Liquors, malt	1919	4	91	1,280	109	332	849
	1914	11	451	3,567	404	1,197	3,023
	1909	11	424	2,434	349	907	3,311
Lumber and timber products. [4]	1919	184	1,299	7,984	1,621	1,515	4,222
	1914	219	1,330	8,156	977	908	2,463
	1909	263	2,190	11,177	1,458	1,396	4,185
Marble and stone work	1919	27	87	340	129	217	541
	1914	29	487	2,381	358	198	1,193
	1909	44	267	694	208	220	626
Mattresses and spring beds, not elsewhere specified.	1919	7	159	369	148	709	983
	1914	6	123	295	69	254	380
	1909	6	118	274	45	243	369
Mineral and soda waters	1919	48	140	198	129	596	1,016
	1914	55	134	247	99	237	516
	1909	55	133	193	88	226	581
Paints	1919	7	76	228	108	689	1,168
	1914	7	54	403	33	317	453
Printing and publishing [5]	1919	464	2,306	2,512	2,684	4,164	12,613
	1914	475	2,173	2,413	1,744	1,977	7,027
	1909	439	2,366	2,045	1,823	1,806	6,962
Slaughtering and meat packing.	1919	21	1,848	4,036	2,149	35,785	41,008
	1914	16	777	2,467	480	10,687	12,726
	1909	13	659	2,450	389	8,295	9,657
Tobacco, cigars	1919	58	389	3	422	681	1,465
	1914	76	330	7	225	387	805
	1909	99	427	.....	306	358	1,021
All other industries	1919	395	12,418	135,236	15,263	69,270	111,118
	1914	332	10,618	107,749	7,786	50,562	69,196
	1909	349	11,206	106,491	7,681	46,586	67,303

[1] Includes "canning and preserving, fruits and vegetables," and "pickles, preserves, and sauces."
[2] Includes "automobile repairing"; "iron and steel, welding"; and "structural ironwork, not made in steel works or rolling mills," in all years; and "engines, steam, gas, and water," in 1919 and 1909.
[3] Includes "saddlery and harness" and "trunks and valises" in all years, and "pocketbooks" in 1919 and 1909.
[4] Includes "lumber, planing-mill products, not including planing mills connected with sawmills," and "window and door screens and weather strips" in all years; and "boxes, wooden packing," in 1919 and 1909.
[5] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."

TABLE 26.—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.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
DENVER	1919	1,097	16,635	41,413	$19,342	$79,340	$125,411
All industries.	1914	885	11,062	26,555	7,942	28,036	46,982
	1909	765	11,639	22,515	8,092	26,837	46,925
Automobile bodies and parts.	1919	19	166	156	216	269	647
	1914	6	59	33	41	144	336
Awnings, tents, and sails	1919	6	140	132	81	493	712
	1914	6	59	47	36	234	357
Brass and bronze products	1919	9	52	109	68	231	369
	1914	7	36	75	26	51	101
	1909	5	42	52	36	75	145
Bread and other bakery products.	1919	93	979	1,059	905	4,084	6,694
	1914	114	771	702	500	1,803	3,288
	1909	91	594	487	339	1,515	2,546
Brick and terra-cotta products.	1919	21	445	1,594	454	421	1,385
	1914	17	339	1,283	204	241	638
	1909	26	576	1,367	376	357	1,041
Butter	1919	21	192	1,054	128	4,213	5,044
	1914	18	163	796	135	1,718	2,029
	1909	5	119	284	70	1,234	1,462
Cars and general shop construction and repairs by steam-railroad companies.	1919	5	2,919	5,085	4,032	2,645	7,064
	1914	5	1,896	3,482	1,682	1,026	2,953
	1909	5	1,706	1,485	1,477	1,226	2,966
Confectionery and ice cream.	1919	47	590	702	411	2,072	3,769
	1914	33	369	323	151	677	1,175
Copper, tin, and sheet-iron work.	1919	29	179	34	228	579	1,209
	1914	30	113	17	92	186	402
	1909	14	92	41	78	111	233
Flour-mill and gristmill products.	1919	11	167	2,295	192	5,993	6,651
	1914	8	142	1,957	114	2,373	2,719
	1909	7	76	1,903	70	2,311	2,716
Food preparations, not elsewhere specified.	1919	15	74	194	$60	$413	$658
	1914	11	74	87	31	97	194
	1909	9	76	(1)	30	71	142
Foundry and machine-shop products.[2]	1919	229	2,589	8,915	3,283	5,558	12,678
	1914	80	952	3,422	738	1,753	3,432
	1909	67	1,268	3,040	875	2,300	4,598
Lumber and timber products.[3]	1919	21	361	1,020	412	623	1,283
	1914	16	241	972	179	276	531
	1909	22	515	1,509	354	577	1,177
Marble and stone work	1919	17	73	276	108	142	364
	1914	15	60	178	48	75	200
	1909	26	151	389	133	169	426
Mineral and soda waters	1919	8	73	67	67	291	489
	1914	11	56	67	39	81	165
	1909	9	57	(1)	40	99	253
Printing and publishing[4]	1919	161	1,558	1,474	1,874	3,372	9,389
	1914	171	1,461	1,406	1,202	1,495	4,909
	1909	150	1,536	1,036	1,215	1,350	4,833
Saddlery and harness	1919	11	140	202	179	673	1,077
	1914	9	74	35	58	188	322
	1909	7	76	(1)	59	192	359
Slaughtering and meat packing.	1919	10	1,690	3,251	1,986	32,963	37,577
	1914	8	682	2,237	410	9,534	11,230
	1909	7	574	(1)	334	7,421	8,661
Tobacco, cigars	1919	34	339	2	388	593	1,296
	1914	43	270	7	191	329	662
	1909	51	358	.....	246	265	792
All other industries	1919	330	3,909	13,792	4,270	13,712	27,056
	1914	277	3,245	9,429	2,065	5,751	11,379
	1909	264	3,823	10,922	2,360	7,564	14,575

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

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
BOULDER	1919	43	165	1,150	$203	$1,016	$1,557
	1914	32	90	453	66	254	440
COLORADO SPRINGS	1919	119	714	1,220	834	2,400	4,345
	1914	74	538	1,065	401	897	1,907
	1909	59	516	907	413	823	1,733
GREELEY	1919	31	178	602	178	1,140	1,646
	1914	37	170	623	107	581	909
PUEBLO	1919	120	1,856	5,882	$2,139	$9,626	$13,978
	1914	81	908	3,765	725	1,635	3,324
	1909	92	1,065	1,871	780	1,358	3,009
TRINIDAD	1919	37	552	861	573	990	1,928
	1914	34	236	870	180	373	846
	1909	30	220	851	170	310	814

[1] Figures not available.
[2] Includes "automobile repairing"; "engines, steam, gas, and water"; "iron and steel, welding"; and "structural ironwork, not made in steel works or rolling mills," in all years; and "steam fittings and steam and hot-water heating apparatus," in 1914.
[3] Includes "boxes, wooden packing"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens and weather strips."
[4] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments.	Persons engaged in the industry.									Wage earners dec. 15, or nearest representative day.					Capital.
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		
						Male.	Female.	Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.			Male.	Female.	Male.	Female.	
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																
1	All industries	2,631	44,729	2,234	2,238	3,478	1,525	35,254	Au 37,553	Se 33,027		(2)	(2)	(2)	(2)	(2)	*Dollars.* 243,826,617
2	Agricultural implements	5	30	4	4	2	1	19	Se 30	Fe [4] 10		22	21	.....	1	.....	194,106
3	Artificial stone products	14	78	11	13	4	.....	50	My 76	Ja 18		52	51	.....	1	.....	141,768
4	Automobile bodies and parts	29	272	30	20	5	5	212	Jy 227	Ja 182		238	220	5	2	11	335,604
5	Automobile repairing	401	2,164	455	90	64	60	1,495	Au 1,757	Ja 1,261		1,487	1,477	4	6	.....	3,536,680
6	Awnings, tents, and sails	10	241	2	33	11	13	182	Je 260	Ja 138		142	55	86	1	.....	744,363
7	Bookbinding and blank-book making	4	42	9	.....	1	1	31	Ap [4] 33	Ja 27		31	15	16	.....	.....	47,738
8	Boxes, cigar	3	25	4	1	.....	.....	20	De 27	Jy 16		28	11	17	.....	.....	29,767
9	Brass and bronze products	9	67	7	5	1	2	52	No 66	Jy 45		64	59	1	4	.....	124,184
10	Bread and other bakery products	252	2,051	272	68	263	108	1,340	.....	.....		1,530	955	549	16	10	3,653,536
11	Biscuit and crackers	3	528	.....	13	80	17	418	De 532	Mh 359		532	216	312	.....	4	1,223,812
12	All other	249	1,523	272	55	183	91	922	Se 996	Fe 844		998	739	237	16	6	2,429,724
13	Brick and tile, terra-cotta, and fire-clay products.	43	929	29	55	21	12	812	.....	.....		931	924	6	.....	1	2,919,940
14	Building and fire brick	38	692	29	38	13	8	604	Au 812	Ja 337		669	668	.....	.....	1	1,942,826
15	All other terra-cotta and fire-clay products.	5	237	.....	17	8	4	208	No 263	Ja 128		262	256	6	.....	.....	977,114
16	Brooms	14	117	14	6	7	1	89	Je 103	Ja 65		101	75	21	4	1	187,510
17	Butter	65	505	30	62	31	44	338	Jy 417	Fe 283		342	233	106	2	1	2,769,760
18	Canning and preserving, fruits and vegetables.	18	752	4	52	21	12	663	.....	.....		906	304	602	.....	.....	3,068,331
19	Canned vegetables	13	657	1	42	21	7	586	Se 1,903	Fe 122		806	269	537	.....	.....	2,760,362
20	Canned fruits	5	95	3	10	.....	5	77	Oc 196	Mh 11		100	35	65	.....	.....	307,969
21	Carpets, rag	6	28	8	1	1	1	17	My [4] 18	Ja [4] 16		18	15	3	.....	.....	14,356
22	Carriages and wagons, including repairs.	6	40	5	2	.....	.....	33	De 36	Ap [4] 31		36	36	.....	.....	.....	53,585
23	Cars and general shop construction and repairs by electric-railroad companies.	5	203	.....	1	5	.....	197	Ja 214	Jy 188		206	205	1	.....	.....	713,975
24	Cars and general shop construction and repairs by steam-railroad companies.	30	6,161	.....	203	194	25	5,739	Ap 6,089	My 5,093		6,060	6,054	6	.....	.....	11,076,400
25	Cheese	8	76	4	6	12	5	49	Je [4] 52	Ja 43		49	31	18	.....	.....	566,164
26	Chemicals	7	138	3	16	14	7	98	Oc 125	Ja [4] 89		105	104	1	.....	.....	1,337,606
27	China decorating, not including that done in potteries.	4	10	4	.....	.....	.....	6	(5) 6	(5) 6		6	.....	6	.....	.....	4,225
28	Cleansing and polishing preparations	9	18	6	3	5	1	3	.....	.....		5	5	.....	.....	.....	26,944
29	Cleansing preparations	6	13	5	1	4	1	2	Oc [4] 3	My [4] 1		3	3	.....	.....	.....	23,850
30	Polishing preparations, other than metal.	3	5	1	2	1	.....	1	(5) 1	(5) 1		2	2	.....	.....	.....	3,094
31	Clothing, men's	5	278	1	9	19	7	242	No 295	Mh 186		294	25	269	.....	.....	722,737
32	Coffee, roasting and grinding	7	99	5	14	20	22	38	My [4] 40	Fe 34		38	21	17	.....	.....	479,345
33	Coffins, burial cases, and undertakers' goods.	5	72	1	8	11	8	44	Oc 52	Je [4] 35		41	30	11	.....	.....	449,756
34	Condensed milk	5	124	.....	7	4	5	108	Ap 114	Oc 98		109	94	15	.....	.....	894,387
35	Confectionery and ice cream	91	1,123	90	80	83	87	783	.....	.....		947	355	583	4	5	2,110,257
36	Confectionery	58	987	64	71	74	72	686	Oc 878	Ap 545		855	284	568	.....	3	1,756,385
37	Ice cream	33	156	26	9	9	15	97	Jy [4] 136	Ja 69		92	71	15	4	2	353,872
38	Copper, tin, and sheet-iron work	49	311	50	8	25	8	220	Se 256	Mh 176		255	231	22	2	.....	793,999
39	Dental goods	5	45	7	1	.....	3	34	De 38	Ja [4] 32		38	32	2	4	.....	18,122
40	Electrical machinery, apparatus, and supplies.	8	48	2	5	1	2	38	Ja 61	Au 28		40	28	12	.....	.....	124,787
41	Engines, steam, gas, and water	3	12	.....	3	3	.....	6	Mh 8	Ja [4] 5		6	6	.....	.....	.....	145,932
42	Engraving and diesinking	3	3	3	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	1,405
43	Engraving, steel and copper plate, including plate printing.	3	56	2	2	1	4	47	De 60	My 42		60	30	21	2	7	38,012
44	Ferroalloys	3	87	.....	19	7	2	59	Ja 88	Jy 46		74	73	.....	1	.....	729,399
45	Flour-mill and gristmill products	120	736	39	104	88	15	490	De 556	Je 400		554	554	.....	.....	.....	8,850,998
46	Food preparations, not elsewhere specified.	57	548	24	79	39	10	396	.....	.....		561	525	36	.....	.....	3,244,157
47	Breadstuff preparations, macaroni, vermicelli, and noodles.	8	78	6	7	9	3	53	No 71	My 44		61	39	22	.....	.....	378,880
48	Other preparations for human consumption.	10	116	8	7	15	3	83	Jy [4] 97	Fe 67		76	62	14	.....	.....	987,850
49	For animals and fowls	39	354	10	65	15	4	260	De 396	Jy 114		424	424	.....	.....	.....	1,877,427
50	Foundry and machine-shop products	120	2,719	82	170	216	62	2,189	.....	.....		2,265	2,246	18	1	.....	11,775,465
51	Machine shops	101	1,999	72	139	184	53	1,551	Ja 1,700	No 1,451		1,555	1,536	18	1	.....	9,523,747
52	All other	19	720	10	31	32	9	638	No 728	Jy 586		710	710	.....	.....	.....	2,251,718
53	Fur goods	9	57	8	2	.....	6	41	Oc [4] 49	Ap 34		48	19	28	1	.....	131,329
54	Furniture	14	168	13	9	9	4	133	.....	.....		158	150	8	.....	.....	234,738
55	Wood, other than rattan and willow.	5	52	8	1	2	1	40	Je [4] 48	Se 33		53	45	8	.....	.....	59,353
56	Store and office fixtures	9	116	5	8	7	3	93	My 118	Ja 74		105	105	.....	.....	.....	175,385

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

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 6,536,451	*Dollars.* 6,509,524	*Dollars.* 42,974,879	*Dollars.* 1,903,281	*Dollars.* 1,153,923	*Dollars.* 9,411,473	*Dollars.* 160,204,060	*Dollars.* 14,666,215	*Dollars.* 275,622,335	*Dollars.* 100,752,060	206,309	138,280	7,137	2,186	1,184	57,522	28,713	1
8,300	2,050	25,834	.....	1,025	681	56,126	1,830	122,050	64,094	57	.....	.....	5	.....	52	.....	2
18,610	8,078	44,549	789	426	1,204	58,407	1,065	154,438	94,966	70	.....	.....	37	.....	33	.....	3
36,300	7,172	276,302	17,828	21,412	7,690	332,356	9,040	819,280	477,884	219	.....	.....	.....	.....	219	.....	4
170,153	125,599	1,955,265	22,823	194,409	71,295	2,027,350	94,917	5,679,480	3,557,213	2,229	31	6	494	2	1,696	16	5
107,952	24,551	108,953	.....	14,053	48,610	660,432	8,171	1,021,654	353,051	152	.....	.....	.....	.....	152	.....	6
.....	2,640	35,839	.....	2,740	224	28,287	449	87,832	59,096	20	.....	.....	.....	.....	20	.....	7
.....	389	13,218	.....	720	380	30,212	650	64,363	33,501	12	.....	.....	.....	.....	12	.....	8
1,535	4,120	67,686	.....	6,310	2,098	219,539	11,083	368,643	138,021	109	.....	.....	.....	.....	109	.....	9
11,985	361,600	1,308,559	2,847	92,765	211,257	5,909,476	150,491	9,807,799	3,747,832	1,459	126	.....	8	.....	1,325	15	10
149,742	168,353	302,372	.....	5,000	131,427	1,502,738	15,253	2,666,576	1,148,585	430	84	.....	.....	.....	346	.....	11
45,332	193,247	1,006,187	2,847	87,765	79,830	4,406,738	135,238	7,141,223	2,599,247	1,029	42	.....	8	.....	979	15	12
104,410																	
112,668	34,635	863,878	47,790	5,992	55,243	388,856	384,937	2,504,658	1,730,865	4,595	3,180	.....	10	.....	1,405	111	13
78,704	21,395	637,141	47,790	5,992	43,603	287,000	301,889	1,903,061	1,314,172	3,171	2,280	.....	10	.....	881	111	14
33,964	13,240	226,737	.....	.....	11,640	101,856	83,048	601,597	416,693	1,424	900	.....	.....	.....	524	.....	15
16,226	22,341	64,945	10,696	1,447	8,597	198,797	2,500	360,401	159,104	58	.....	.....	2	.....	56	.....	16
203,710	87,904	281,539	9,445	34,990	65,981	7,293,808	69,694	8,768,394	1,404,892	1,728	1,030	1	8	.....	689	240	17
145,765	32,393	462,226	300	19,144	80,687	1,687,940	38,556	2,970,113	1,243,617	1,845	1,328	50	8	.....	459	15	18
131,565	27,823	419,023	300	18,724	76,890	1,452,202	29,133	2,591,711	1,110,376	1,559	1,080	50	5	.....	424	15	19
14,200	4,570	43,203	.....	420	3,797	235,738	9,423	378,402	133,241	286	248	.....	3	.....	35	.....	20
2,400	3,000	13,383	.....	503	237	5,922	2,007	40,609	32,680	104	.....	.....	.....	.....	104	.....	21
3,956	.....	46,130	900	2,340	958	41,700	1,828	108,598	65,070	55	.....	.....	.....	.....	55	.....	22
3,000	5,153	253,386	.....	.....	8,001	189,362	26,390	485,291	269,539	421	.....	.....	.....	.....	421	.....	23
484,939	266,010	8,585,725	1,176	15,000	100,248	5,244,405	403,782	15,130,423	9,482,236	8,282	4,615	.....	30	138	3,499	1,332	24
23,158	26,977	46,413	5,497	2,526	10,146	526,270	5,837	732,260	200,153	110	34	.....	6	.....	70	.....	25
46,193	24,178	101,348	113,617	3,296	35,531	590,402	43,381	1,301,141	667,358	788	40	.....	.....	2	746	.....	26
.....	.....	4,396	.....	1,620	74	5,341	556	16,711	10,814	.....	.....	.....	.....	.....	.....	.....	27
2,880	2,842	2,636	640	1,622	158	15,209	356	34,965	19,400	11	2	.....	.....	.....	9	.....	28
1,200	2,722	1,675	.....	722	93	9,734	235	24,956	14,987	8	2	.....	.....	.....	6	.....	29
1,680	120	961	640	900	65	5,475	121	10,009	4,413	3	.....	.....	.....	.....	3	.....	30
44,486	44,092	161,949	.....	4,906	25,794	641,060	2,107	1,033,729	390,562	73	.....	.....	.....	.....	73	.....	31
41,750	51,756	30,083	.....	20,979	12,663	974,797	6,493	1,260,534	279,244	155	.....	.....	.....	.....	155	.....	32
23,539	58,041	38,999	.....	4,200	7,919	187,811	1,701	446,868	257,356	89	.....	.....	.....	.....	89	.....	33
31,593	28,980	126,248	30,896	6,337	27,203	1,995,188	56,402	2,405,286	353,696	727	352	80	3	.....	292	16	34
182,532	309,922	569,522	5,450	74,935	237,032	2,641,594	55,462	5,003,989	2,306,933	936	218	.....	2	.....	716	112	35
154,522	288,166	463,059	5,250	55,774	216,073	1,901,806	36,969	3,725,588	1,786,813	608	123	.....	.....	.....	485	112	36
28,010	21,756	106,463	200	19,161	20,959	739,788	18,493	1,278,401	520,120	328	95	.....	2	.....	231	.....	37
91,802	38,879	282,821	7,250	27,820	21,867	676,503	5,538	1,411,036	728,995	37	.....	.....	.....	.....	37	.....	38
4,247	2,494	40,543	.....	3,444	1,706	54,313	577	145,399	90,509	12	.....	.....	.....	.....	12	.....	39
7,403	3,227	33,624	5,320	4,545	2,044	55,056	2,082	138,849	81,711	85	.....	.....	.....	.....	85	.....	40
3,645	3,900	6,314	536	360	630	10,576	350	26,525	15,599	32	.....	.....	.....	.....	32	.....	41
.....	.....	.....	163	570	29	153	21	5,030	4,856	.....	.....	.....	.....	.....	.....	.....	42
3,890	2,584	34,765	.....	3,060	472	27,354	483	91,150	63,313	20	.....	.....	.....	.....	20	.....	43
37,931	13,749	95,829	.....	240	6,905	237,576	74,646	529,562	217,340	301	.....	.....	.....	.....	301	.....	44
287,339	150,349	569,327	421	4,949	405,112	17,429,570	167,059	19,954,119	2,357,490	9,074	4,659	.....	637	806	2,972	72	45
136,555	44,597	362,351	.....	7,947	31,980	3,332,347	109,441	4,381,013	939,225	5,941	2,792	213	330	.....	2,606	40	46
10,200	9,558	33,673	.....	1,765	8,255	193,780	6,448	344,514	144,286	338	150	.....	80	.....	108	.....	47
13,970	21,259	78,715	.....	1,014	7,939	459,322	22,725	649,226	167,179	243	25	200	2	.....	16	.....	48
112,385	13,780	249,963	.....	5,168	15,786	2,679,245	80,268	3,387,273	627,760	5,360	2,617	13	248	.....	2,482	40	49
667,811	358,390	2,803,041	8,268	48,213	580,269	4,493,507	387,176	11,199,721	6,319,038	9,615	658	248	78	.....	8,631	806	50
531,043	316,736	1,997,811	8,268	39,098	388,988	3,064,561	161,216	7,717,600	4,491,823	8,304	617	133	65	.....	7,489	798	51
136,768	41,654	805,230	.....	9,115	191,281	1,428,946	225,960	3,482,121	1,827,215	1,311	41	115	13	.....	1,142	8	52
3,000	5,360	38,295	170	7,562	1,228	40,015	621	141,887	101,251	7	.....	.....	.....	.....	7	.....	53
25,549	13,687	153,445	941	14,422	11,543	264,130	5,288	585,940	316,522	231	.....	.....	.....	.....	231	.....	54
2,000	2,347	37,344	941	4,582	624	35,838	1,429	97,018	59,751	86	.....	.....	.....	.....	86	.....	55
23,549	11,340	116,101	.....	9,840	10,919	228,292	3,859	488,922	256,771	145	.....	.....	.....	.....	145	.....	56

[1] No figures given for reasons stated under "Explanation of terms."

[2] Same number reported throughout the year.

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

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	Industry and city.	Number of establishments.	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male	Clerks, etc. Female.	Wage earners. Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																Dollars.
1	Gas, illuminating and heating	10	528		31	36	13	448	De 521	Fe 404	521	521				10,973,023
2	Hair work	4	9	5				4	No [3] 5	Oc 2	5		5			6,800
3	Hand stamps	3	14	3			3	8	(4) 8	(4) 8	8	8				6,875
4	Ice, manufactured	27	316	12	37	18	7	242	Au 403	Ja 156	284	284				2,500,478
5	Iron and steel, welding	4	12	2	2	1	1	6	Oc 8	Ja [3] 5	6	6				7,600
6	Jewelry	25	105	30	2	4	3	66	De 78	Mh 57	79	70	5	4		141,833
7	Liquors, malt	4	119		10	17	1	91	Je 121	Fe 64	81	78	2	1		750,889
8	Lithographing	4	241	1	10	25	8	197	De 218	Fe 175	218	124	94			632,879
9	Looking-glass and picture frames	8	29	8	1	1	3	16	Fe 21	Jy 14	17	15	2			32,885
10	Lumber and timber products	136	1,059	152	48	29	7	823	Jy 1,008	Mh 439	1,237	1,212	24	1		2,885,858
11	Lumber, planing-mill products, not including planing mills connected with sawmills.	41	489	24	27	23	4	411	No 466	Fe 346	465	464	1			867,085
12	Marble and stone work	27	136	31	9	8	1	87			105	105				328,586
13	Monuments and tombstones	18	98	19	7	8	1	63	Oc 70	Ja 54	68	68				250,960
14	All other, except slate	9	38	12	2			24	Je 36	Ja 11	37	37				77,626
15	Mattresses and spring beds, not elsewhere specified.	7	209	6	13	17	14	159	Au 183	Ja 123	159	102	57			447,566
16	Millinery and lace goods, not elsewhere specified.	3	15	2	1			12	Je 17	De 9	13	2	10	1		7,825
17	Mineral and soda waters	48	227	44	17	14	12	140	Au 197	Ja 102	127	121	4	2		815,196
18	Models and patterns, not including paper patterns.	8	26	9				17	De 19	Mh [3] 16	19	19				21,890
19	Optical goods	6	84	1	5	13	9	56	Je 60	Jy [3] 51	52	46	6			101,569
20	Paints	7	155	1	13	49	16	76	Ap 84	Se 68	73	60	13			1,289,008
21	Patent medicines and compounds	25	82	5	13	11	14	39			55	26	29			227,128
22	Patent and proprietary medicines	18	69	3	11	8	10	37	No [3] 49	Ap 27	50	22	28			169,042
23	Patent and proprietary compounds, not elsewhere specified.	7	13	2	2	3	4	2	(4) 2	(4) 2	5	4	1			58,086
24	Perfumery and cosmetics	3	9	3	1		1	4	(4) 4	(4) 4	5	2	3			46,037
25	Pickles, preserves, and sauces	6	44	5	6	6	1	26	Se 36	Ja [3] 21	23	13	10			133,462
26	Pottery	5	111	2	7	3	4	95	No 119	My 82	78	45	33			181,459
27	Printing and publishing, book and job.	120	1,294	111	63	117	51	952			1,032	767	238	26	1	2,383,417
28	Job printing	110	1,232	100	59	83	48	942	De 1,012	Se 824	1,020	757	238	24	1	2,323,685
29	Book publishing without printing.	4	44	3	4	34	3									13,983
30	Linotype work and typesetting	6	18	8				10	Se 14	Fe 7	12	10		2		45,749
31	Printing and publishing, newspapers and periodicals.	333	2,155	313	139	433	191	1,079			1,126	958	111	56	1	5,336,465
32	Printing and publishing	17	511	8	24	155	54	270	Se 277	De 266	268	260	7	1		794,753
33	Printing, publishing, and job printing.	262	1,493	274	81	224	111	803	De 829	Fe 775	849	693	101	54	1	4,208,754
34	Publishing without printing	54	151	31	34	54	26	6	Se 10	Ja [3] 4	9	5	3	1		332,958
35	Saddlery and harness	27	268	24	11	21	6	206	De 236	Mh 183	242	226	16			840,090
36	Shirts	3	12	3				9	Jy [3] 10	Ja [3] 8	10	3	7			7,385
37	Signs, electric and other	10	101	5	10	8	7	71	Au 77	Ja [3] 65	73	63	9	1		85,935
38	Slaughtering and meat packing	21	2,360	17	45	359	91	1,848	Ja 1,991	Jy 1,752	1,950	1,837	111	2		8,984,679
39	Smelting and refining, zinc	4	444		15	22	2	405	Ja 533	Jy 271	485	484	1			1,495,237
40	Soap	6	19	5	1	1	1	11	Mh [3] 12	Ja [3] 9	10	9	1			18,870
41	Statuary and art goods	4	9	5				4	Ap [3] 5	Ja 1	4	4				6,139
42	Steam packing	3	25	1	8	3	2	11	Mh 14	Ap [3] 9	10	10				41,993
43	Structural ironwork, not made in steel works or rolling mills.	5	135	2	11	15	5	102	Se 121	Ap 86	105	105				507,141
44	Surgical appliances	4	14	3	2		2	7	Au [3] 8	No 4	7	7				11,573
45	Tobacco, cigars	58	486	67	8	18	4	389	No 540	Se 78	547	381	165		1	425,450
46	Trunks and valises	7	102	7	10	7	5	73	Oc 82	Ja [3] 67	80	62	11	7		189,464
47	Vinegar	4	19	3	4			12	No 21	Ap 9	13	12	1			142,560
48	Wirework, including woven-wire fencing.	6	35	6	5		1	23	Ap 30	Oc [3] 17	32	31		1		101,888
49	All other industries*	156	12,799	88	492	1,011	492	10,716								138,551,027

*All other industries embrace—

Ammunition	1
Artificial limbs	2
Automobiles	2
Babbitt metal and solder	2
Baking powders	1
Baskets, and rattan and willow ware	1
Belting and hose, other than rubber	1
Belting, leather	1
Boot and shoe findings	1
Boxes, paper and other, not elsewhere specified	3
Boxes, wooden packing, except cigar boxes	4
Brushes	3
Butter, reworking	1
Carriage and wagon materials	1
Cement	2
Clothing, women's	4
Coke, not including gas-house coke	3
Cooperage, hogsheads and barrels	1
Cordials and flavoring sirups	1
Crucibles, clay	1
Dairymen's and poultrymen's supplies	1
Druggists' preparations	3
Electroplating	1
Enameling	1
Explosives	2
Fancy articles, not elsewhere specified	2
Fertilizers	2
Flags and banners	2
Flavoring extracts	3
Gas and electric fixtures	2
Glass, cutting, staining, and ornamenting	2
Gloves and mittens, leather	1
Gold and silver, reducing and refining, not from the ore	1
Grease and tallow, not including lubricating greases	3
Hats and caps, other than felt, straw, and wool	3
Hats, wool-felt	1
House-furnishing goods, not elsewhere specified	2
Ink, writing	2
Instruments, professional and scientific	3
Iron and steel, blast furnaces	1
Iron and steel, steel works and rolling mills	1
Jewelry and instrument cases	1
Lapidary work	1

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
69,313	49,074	565,366	1,306	1,440	41,396	112,447	888,368	2,649,135	1,648,320	736	505	37	25	.....	169	300	1
.....	.....	3,283	183	825	102	4,420	108	14,074	9,546	.....	.....	.....	.....	.....	.....	.....	2
.....	1,456	7,802	.....	2,050	112	7,823	675	22,456	13,958	8	.....	.....	.....	.....	8	.....	3
54,700	25,900	274,403	400	3,660	37,326	54,166	189,173	1,045,477	802,138	5,025	4,756	35	18	.....	216	211	4
3,124	2,450	11,652	.....	2,400	131	5,953	2,009	36,274	28,312	20	.....	.....	.....	.....	20	.....	5
3,120	5,700	84,359	5,219	12,108	2,375	111,848	2,544	325,707	211,315	60	.....	.....	.....	.....	60	.....	6
28,996	27,559	108,943	.....	69,000	99,596	302,357	29,561	849,000	517,082	1,280	1,024	.....	.....	151	105	198	7
33,648	115,276	174,427	.....	15,921	18,949	417,356	6,293	914,680	491,031	169	.....	.....	.....	.....	169	.....	8
2,500	2,760	16,348	50	6,071	943	26,850	291	70,434	43,293	8	.....	.....	.....	.....	8	.....	9
79,015	38,830	1,053,332	141,335	1,507	16,013	672,393	6,165	2,450,731	1,772,173	6,027	5,530	106	96	48	247	.....	10
50,327	31,500	512,066	600	8,130	17,108	734,021	19,076	1,572,132	819,035	1,734	681	40	.....	.....	1,013	.....	11
20,340	8,473	128,619	6,009	3,798	6,538	211,034	6,209	540,626	323,383	340	.....	.....	30	.....	310	.....	12
17,340	8,473	96,436	6,009	2,738	6,194	166,652	4,911	425,689	254,126	221	.....	.....	28	.....	193	.....	13
3,000	.....	32,183	.....	1,060	344	44,382	1,298	114,937	69,257	119	.....	.....	2	.....	117	.....	14
21,571	27,586	147,552	1,365	9,333	5,644	696,029	13,113	982,845	273,703	369	170	.....	.....	.....	199	8	15
2,400	.....	8,293	.....	1,180	134	1,422	211	18,460	16,827	4	.....	.....	.....	.....	4	.....	16
38,239	22,972	129,135	3,050	12,817	38,194	585,896	10,086	1,015,773	419,791	198	45	.....	6	.....	147	7	17
.....	.....	28,126	.....	2,565	274	12,297	940	63,097	49,860	44	.....	.....	.....	.....	44	.....	18
19,930	17,940	63,134	.....	5,250	2,545	107,957	2,063	245,915	135,895	39	.....	.....	.....	.....	39	.....	19
59,083	63,078	108,129	.....	4,372	51,926	681,825	6,757	1,168,001	479,419	228	.....	.....	.....	.....	228	.....	20
23,912	17,926	30,008	1,198	8,376	9,135	93,281	1,505	262,109	167,323	27	.....	.....	.....	.....	27	.....	21
20,728	15,196	28,403	412	7,101	8,903	80,735	1,323	235,764	153,706	22	.....	.....	.....	.....	22	.....	22
3,184	2,730	1,605	786	1,275	232	12,546	182	26,345	13,617	5	.....	.....	.....	.....	5	.....	23
1,200	480	1,846	.....	900	881	13,089	201	24,032	10,742	4	.....	.....	.....	.....	4	.....	24
10,840	8,935	23,725	640	937	2,184	100,402	3,618	219,935	115,915	51	30	.....	12	.....	9	.....	25
11,970	11,421	82,064	.....	1,365	4,807	18,070	16,524	200,086	165,492	164	62	.....	.....	.....	102	.....	26
213,752	181,497	1,117,478	88,510	100,113	77,495	1,304,864	63,990	3,985,230	2,616,376	785	60	.....	.....	.....	725	163	27
205,032	141,745	1,100,885	43,178	97,652	76,384	1,300,404	62,680	3,848,504	2,485,420	779	60	.....	.....	.....	719	163	28
8,720	39,752	.....	45,332	1,256	710	1,035	.....	97,241	96,206	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	16,593	.....	1,205	401	3,425	1,310	39,485	34,750	6	.....	.....	.....	.....	6	.....	30
427,056	710,289	1,321,725	324,435	83,362	126,873	2,242,550	72,661	7,533,978	5,218,767	1,518	30	.....	162	2	1,324	7	31
65,460	245,187	379,361	2,085	3,059	15,789	484,351	18,202	1,692,822	1,190,269	299	.....	.....	.....	.....	299	.....	32
294,207	394,893	936,460	36,557	73,623	106,257	1,714,000	54,283	5,116,106	3,347,823	1,219	30	.....	162	2	1,025	7	33
67,389	70,209	5,904	285,793	6,680	4,827	44,199	176	725,050	680,675	.....	.....	.....	.....	.....	.....	.....	34
47,407	51,119	272,422	.....	10,190	25,416	944,586	6,164	1,556,723	605,973	234	.....	.....	.....	.....	234	.....	35
.....	.....	7,932	.....	1,296	89	9,048	236	26,236	16,952	4	.....	.....	.....	.....	4	.....	36
24,814	11,401	75,195	5,000	8,702	1,340	60,685	1,399	216,006	153,922	22	.....	.....	.....	.....	22	.....	37
163,760	604,570	2,148,745	158,414	8,465	103,286	35,501,638	283,726	41,007,531	5,222,167	4,036	3,147	304	12	.....	573	2,349	38
47,178	36,125	412,263	.....	600	16,715	706,993	189,281	1,443,347	547,073	2,071	950	2	.....	.....	1,119	1,916	39
.....	2,220	13,010	.....	3,310	122	102,136	2,034	135,454	31,284	36	30	.....	.....	.....	6	.....	40
.....	.....	3,882	350	1,225	31	1,878	291	11,307	9,138	1	.....	.....	.....	.....	1	.....	41
9,571	4,650	6,896	.....	900	1,356	39,490	753	74,297	34,054	47	18	.....	.....	.....	29	.....	42
31,360	24,045	108,823	.....	6,597	22,668	512,948	7,734	836,391	315,709	465	.....	.....	.....	.....	465	.....	43
3,700	1,344	9,457	.....	1,920	498	11,182	248	39,745	28,315	7	.....	.....	.....	.....	7	.....	44
17,232	54,482	422,228	.....	10,315	183,727	680,477	841	1,464,680	783,362	3	.....	.....	.....	.....	3	.....	45
33,195	18,941	61,744	.....	7,272	1,847	120,794	1,118	292,499	170,587	59	.....	.....	.....	.....	59	2	46
7,200	.....	15,186	.....	1,025	1,609	55,413	1,309	117,610	60,888	92	.....	.....	.....	.....	92	.....	47
6,764	1,020	28,995	.....	2,756	952	208,333	1,974	263,537	53,230	72	.....	.....	.....	.....	72	.....	48
1,826,690	2,156,866	13,476,920	871,454	75,041	6,407,440	54,158,362	10,693,999	102,587,045	37,734,684	130,663	102,177	6,015	167	35	22,269	20,777	49

Lead, bar, pipe, and sheet	1	Printing materials	1	Smelting and refining, metals, not elsewhere specified	2
Leather goods, not elsewhere specified	2	Pumps, steam	1	Soda-water apparatus	2
Leather, tanned, curried, and finished	1	Regalia, and society badges and emblems	1	Sporting and athletic goods	2
Lime	1	Roofing materials, other than metal	2	Steel barrels, drums, and tanks	1
Minerals and earths, ground or otherwise treated	2	Rubber tires, tubes, and rubber goods, not elsewhere specified	4	Stoves, gas and oil	1
Musical instruments and materials	2	Sausage, not made in slaughtering and meat-packing establishments	1	Sugar, beet	14
Petroleum, refining	5	Scales and balances	2	Sulphuric, nitric, and mixed acids	2
Photo-engraving	4	Show cases	1	Suspenders, garters, and elastic woven goods	1
Photographic materials	1	Smelting, lead	5	Tinware, not elsewhere specified	1
Pocketbooks	1			Tobacco, smoking	2
				Tools, not elsewhere specified	2
				Toys and games	2
				Typewriter supplies, ribbon	1
				Upholstering materials, excelsior	1
				Wall plaster and composition flooring	3
				Window and door screens and weather strips	3
				Wood, turned and carved	1

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

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments.	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	**DENVER—All industries**	1,097	21,472	876	1,086	1,979	896	16,635	De 17,538	Mh 16,027	18,037	15,213	2,709	75	40	*Dollars.* 72,147,213
2	Automobile bodies and parts	19	211	19	18	4	4	166	Jy 181	Ja 141	190	173	4	2	11	254,562
3	Automobile repairing	142	989	146	47	33	20	743	Au 867	Ja 625	720	717	2	1	.....	1,604,512
4	Awnings, tents, and sails	6	180	1	19	10	10	140	Je 203	Ja 99	109	46	63	.....	.....	429,291
5	Bookbinding and blank-book making	4	42	9	.....	1	1	31	Ap[2] 33	Ja 27	31	15	16	.....	.....	47,738
6	Boxes, cigar	3	25	4	1	.....	.....	20	De 27	Jy 16	28	11	17	.....	.....	29,767
7	Brass and bronze products	9	67	7	5	1	2	52	No 66	Jy 45	64	59	1	4	.....	124,184
8	Bread and other bakery products	93	1,295	86	46	140	44	979	.....	.....	1,134	649	470	7	8	2,651,829
9	Biscuit and crackers	3	528	.....	13	80	17	418	De 532	Mh 359	532	216	312	.....	4	1,223,812
10	All other	90	767	86	33	60	27	561	Se 598	Ja[2] 522	602	433	158	7	4	1,428,017
11	Brick and terra-cotta products	21	505	8	30	13	9	445	Au 621	Ja 222	495	489	6	.....	.....	1,430,991
12	Brooms	6	49	4	2	2	.....	41	Je 60	Ja 24	45	33	9	2	1	89,723
13	Butter	21	279	9	35	22	21	192	Jy 233	Ja[2] 166	196	125	69	2	.....	2,050,495
14	Carriages and wagons, including repairs.	6	40	5	2	.....	.....	33	De 36	Ap[2] 31	36	36	.....	.....	.....	53,585
15	Cars and general shop construction and repairs by steam-railroad companies.	5	3,111	.....	86	98	8	2,919	Ap 3,136	My 2,586	3,010	3,004	6	.....	.....	6,808,554
16	China decorating, not including that done in potteries.	4	10	4	.....	.....	.....	6	(1) 6	(1) 6	6	.....	6	.....	.....	4,225
17	Coffins, burial cases, and undertakers' goods.	5	72	1	8	11	8	44	Oc 52	Je[2] 35	41	30	11	.....	.....	449,756
18	Confectionery and ice cream	47	817	50	55	60	62	590	.....	.....	718	255	461	.....	2	1,533,556
19	Confectionery	39	750	46	51	57	56	540	Oc 709	Ja 420	673	216	455	.....	2	1,309,355
20	Ice cream	8	67	4	4	3	6	50	Jy 75	Ja 37	45	39	6	.....	.....	224,201
21	Copper, tin, and sheet-iron work	29	240	26	7	22	6	179	Se 208	Mh 146	202	178	22	2	.....	719,802
22	Dental goods	5	45	7	1	.....	3	34	De 38	Ja[2] 32	38	32	2	4	.....	18,122
23	Electrical machinery, apparatus, and supplies.	8	48	2	5	1	2	38	Ja 61	Au 28	40	28	12	.....	.....	124,787
24	Engines, steam, gas, and water	3	12	.....	3	3	.....	6	Mh 8	Ja[2] 5	6	6	.....	.....	.....	145,932
25	Engraving and diesinking	3	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,405
26	Engraving, steel and copper plate, including plate printing.	3	56	2	2	1	4	47	De 60	My 42	60	30	21	2	7	38,012
27	Flour-mill and gristmill products	11	229	1	21	38	2	167	De 197	Mh 132	200	200	.....	.....	.....	2,478,832
28	Food preparations, not elsewhere specified.	15	114	12	13	11	4	74	Jy 89	Ja 64	80	53	27	.....	.....	263,489
29	Foundry and machine-shop products.	75	2,134	44	133	184	41	1,732	.....	.....	1,814	1,795	18	1	.....	9,502,190
30	Machine shops	59	1,476	35	104	154	33	1,150	Ja 1,279	No 1,096	1,163	1,144	18	1	.....	7,514,331
31	All other	16	658	9	29	30	8	582	No 668	Jy 537	651	651	.....	.....	.....	1,987,859
32	Fur goods	9	57	8	2	.....	6	41	Oc[2] 49	Ap 34	48	19	28	1	.....	131,329
33	Hair work	4	9	5	.....	.....	.....	4	No[2] 5	Oc 2	5	.....	5	.....	.....	6,800
34	Iron and steel, welding	4	12	2	2	1	1	6	Oc 8	Ja[2] 5	6	6	.....	.....	.....	7,600
35	Jewelry	16	80	20	2	4	2	52	De 63	Mh 36	64	57	3	4	.....	105,346
36	Lithographing	4	241	1	10	25	8	197	De 218	Fe 175	218	124	94	.....	.....	632,879
37	Looking-glass and picture frames	8	29	8	1	1	3	16	Fe 21	Jy 14	17	15	2	.....	.....	32,885
38	Lumber, planing-mill products, not including planing mills connected with sawmills.	15	343	6	17	20	1	299	No 342	Ap 249	339	339	.....	.....	.....	585,795
39	Marble and stone work	17	101	21	6	1	.....	73	.....	.....	90	90	.....	.....	.....	213,745
40	Monuments and tombstones	8	63	9	4	1	.....	49	No 54	Ja[2] 45	53	53	.....	.....	.....	136,119
41	All other, except slate	9	38	12	2	.....	.....	24	Je 36	Ja 11	37	37	.....	.....	.....	77,626
42	Millinery and lace goods, not elsewhere specified.	3	15	2	1	.....	.....	12	Je 17	De 9	13	2	10	1	.....	7,825
43	Mineral and soda waters	8	102	6	9	8	6	73	Au 106	Ja 55	59	56	2	1	.....	281,120
44	Models and patterns, not including paper patterns.	8	26	9	.....	.....	.....	17	De 19	Mh[2] 16	19	19	.....	.....	.....	21,890
45	Optical goods	6	84	1	5	13	9	56	Je 60	Jy[2] 51	52	46	6	.....	.....	101,569
46	Patent medicines and compounds	21	68	5	9	9	13	32	.....	.....	44	25	19	.....	.....	163,775
47	Patent and proprietary medicines	14	55	3	7	6	9	30	No[2] 39	Mh 21	39	21	18	.....	.....	105,689
48	Patent and proprietary compounds.	7	13	2	2	3	4	2	(1) 2	(1) 2	5	4	1	.....	.....	58,036
49	Perfumery and cosmetics	3	9	3	1	.....	1	4	(1) 4	(1) 4	5	2	3	.....	.....	46,037
50	Printing and publishing, book and job.	88	1,097	79	53	97	43	825	De 889	Se 711	895	673	199	22	1	1,988,807
51	Printing and publishing, newspapers and periodicals.	62	990	44	53	321	114	458	.....	.....	461	429	26	6	.....	2,695,781
52	Printing and publishing	5	397	1	15	125	41	215	My 221	Au 211	213	207	6	.....	.....	516,716
53	Printing, publishing, and job printing.	16	482	17	15	163	50	237	Ja 244	Fe 229	239	217	17	5	.....	2,019,281
54	Publishing without printing	41	111	26	23	33	23	6	My 10	Ja[2] 4	9	5	3	1	.....	159,784

[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.																	
Dollars. 3,354,391	*Dollars.* 3,896,952	*Dollars.* 19,341,915	*Dollars.* 703,883	*Dollars* 757,188	*Dollars.* 2,647,290	*Dollars.* 76,709,166	*Dollars.* 2,630,778	*Dollars.* 125,411,270	*Dollars* 46,071,326	41,413	15,832	939	50	211	24,381	4,801	1
32,784	5,360	216,078	15,828	15,238	6,190	261,847	7,292	646,554	1,377,415	156	.....	.....	.....	.....	156	10	2
104,804	58,329	938,453	20,834	104,021	47,782	1,164,685	37,006	3,029,375	827,684	653	.....	.....	29	.....	624	3	3
60,692	19,633	81,101	.....	3,813	22,617	486,295	6,479	712,427	219,653	132	.....	.....	.....	.....	132	.....	4
.....	2,640	35,839	.....	2,740	224	28,287	449	87,832	59,096	20	.....	.....	.....	.....	20	.....	5
1,535	389	13,218	.....	720	380	30,212	650	64,363	33,501	12	.....	.....	.....	.....	12	.....	6
11,985	4,120	67,686	.....	6,310	2,098	219,539	11,083	368,643	138,021	109	.....	.....	.....	.....	109	.....	7
117,347	288,208	905,021	495	45,981	171,134	3,996,705	87,339	6,693,718	2,609,674	1,0[illegible]9	124	.....	.....	.....	935	.....	8
45,332	168,353	302,372	.....	5,000	131,427	1,502,738	15,253	2,666,576	1,148,585	430	84	.....	.....	.....	346	.....	9
72,015	119,855	602,649	495	40,981	39,707	2,493,967	72,086	4,027,142	1,461,089	629	40	.....	.....	.....	589	.....	10
55,474	23,127	454,068	16,139	1,342	34,853	238,895	182,288	1,385,125	963,942	1,594	1,110	.....	.....	.....	484	107	11
3,800	3,600	29,576	.....	1,095	109	69,896	1,252	105,306	34,158	27	.....	.....	.....	.....	27	.....	12
140,318	56,598	128,153	7,293	19,593	45,260	4,176,661	36,749	5,043,798	830,388	1,054	777	.....	.....	.....	277	240	13
3,956	.....	46,130	900	2,340	958	41,700	1,828	108,598	65,070	55	.....	.....	.....	.....	55	.....	14
192,113	112,238	4,032,152	.....	.....	60,917	2,448,179	196,674	7,064,234	4,419,381	5,085	2,850	.....	.....	.....	2,205	697	15
.....	.....	4,396	.....	1,620	74	5,341	556	16,711	10,814	.....	.....	.....	.....	.....	.....	.....	16
23,539	58,041	38,999	.....	4,200	7,919	187,811	1,701	446,868	257,356	89	.....	.....	.....	.....	89	.....	17
131,500	229,059	411,367	1,050	49,887	183,587	2,030,828	41,349	3,769,045	1,696,868	702	193	.....	.....	.....	509	84	18
112,250	213,781	345,614	1,050	45,217	165,531	1,518,260	29,442	2,871,304	1,323,602	473	98	.....	.....	.....	375	84	19
19,250	10,278	65,753	.....	4,670	18,056	512,568	11,907	897,741	373,206	229	95	.....	.....	.....	134	.....	20
90,037	34,661	228,191	7,000	22,955	20,899	574,292	4,732	1,208,707	629,683	34	.....	.....	.....	.....	34	.....	21
4,247	2,494	40,543	.....	3,444	1,706	54,313	577	145,399	90,509	12	.....	.....	.....	.....	12	.....	22
7,403	3,227	33,624	5,320	4,545	2,044	55,056	2,082	138,849	81,711	85	.....	.....	.....	.....	85	.....	23
3,645	3,900	6,314	536	360	630	10,576	350	26,525	15,599	32	.....	.....	.....	.....	32	.....	24
.....	.....	.....	163	570	29	153	21	5,030	4,856	.....	.....	.....	.....	.....	.....	.....	25
3,890	2,584	34,765	.....	3,060	472	27,354	483	91,150	63,313	20	.....	.....	.....	.....	20	.....	26
76,829	64,728	192,197	.....	1,654	118,603	5,962,851	30,319	6,650,881	657,711	2,295	1,715	.....	.....	60	520	6	27
18,970	12,239	59,924	.....	2,779	7,946	403,046	9,656	657,796	245,094	194	80	.....	.....	.....	114	.....	28
537,422	300,481	2,218,133	4,264	41,662	515,777	3,481,659	334,658	8,749,353	4,933,036	7,745	471	115	13	.....	7,146	606	29
406,054	262,247	1,481,458	4,264	32,987	325,595	2,128,481	116,850	5,437,339	3,192,008	6,602	430	.....	.....	.....	6,172	598	30
131,368	38,234	736,675	.....	8,675	190,182	1,353,178	217,808	3,312,014	1,741,028	1,143	41	115	13	.....	974	8	31
3,000	5,360	38,295	170	7,562	1,228	40,015	621	141,887	101,251	7	.....	.....	.....	.....	7	.....	32
.....	.....	3,283	183	825	102	4,420	108	14,074	9,546	.....	.....	.....	.....	.....	.....	.....	33
3,124	2,450	11,652	.....	2,400	131	5,953	2,009	36,274	28,312	20	.....	.....	.....	.....	20	.....	34
3,120	5,155	66,732	5,041	9,581	1,875	94,817	1,796	263,260	166,647	40	.....	.....	.....	.....	40	.....	35
33,648	115,276	174,427	.....	15,921	18,949	417,356	6,293	914,680	491,031	169	.....	.....	.....	.....	169	.....	36
2,500	2,760	16,348	50	6,071	943	26,850	291	70,434	43,293	8	.....	.....	.....	.....	8	.....	37
31,782	27,880	359,891	.....	2,441	12,083	536,703	7,170	1,101,147	557,274	797	531	.....	.....	.....	266	.....	38
13,710	1,820	108,120	.....	1,330	4,274	137,377	5,015	364,379	221,987	276	.....	.....	2	.....	274	.....	39
10,710	1,820	75,937	.....	270	3,930	92,995	3,717	249,442	152,730	157	.....	.....	.....	.....	157	.....	40
3,000	.....	32,183	.....	1,060	344	44,382	1,298	114,937	69,257	119	.....	.....	2	.....	117	.....	41
2,400	.....	8,293	.....	1,180	134	1,422	211	18,460	16,827	4	.....	.....	.....	.....	4	.....	42
26,216	14,355	67,428	3,000	4,100	23,798	287,195	3,625	488,986	198,166	67	39	.....	3	.....	25	7	43
.....	.....	28,126	.....	2,565	274	12,297	940	63,097	49,860	44	.....	.....	.....	.....	44	.....	44
19,930	17,940	63,134	.....	5,250	2,545	107,957	2,063	245,915	135,895	39	.....	.....	.....	.....	39	.....	45
14,303	13,069	23,855	1,198	6,436	4,392	59,024	1,230	186,023	125,769	27	.....	.....	.....	.....	27	.....	46
11,119	10,279	22,250	412	5,161	4,160	46,478	1,048	159,678	112,152	22	.....	.....	.....	.....	22	.....	47
3,184	2,730	1,605	786	1,275	232	12,546	182	26,345	13,617	5	.....	.....	.....	.....	5	.....	48
1,200	480	1,846	.....	900	881	13,089	201	24,032	10,742	4	.....	.....	.....	.....	4	.....	49
172,954	150,918	994,150	85,989	82,812	60,954	1,098,313	59,478	3,411,970	2,254,179	661	60	.....	.....	.....	601	163	50
268,111	527,897	634,466	215,058	27,499	90,216	1,712,631	21,353	4,882,952	3,148,968	604	.....	.....	.....	.....	604	.....	51
41,780	199,369	288,724	.....	1,569	11,995	409,422	13,213	1,341,611	918,976	207	.....	.....	.....	.....	207	.....	52
168,288	278,375	339,838	6,567	20,450	74,695	1,260,088	7,988	2,982,481	1,714,405	397	.....	.....	.....	.....	397	.....	53
58,043	50,153	5,904	208,491	5,480	3,526	43,121	152	558,860	515,587	.....	.....	.....	.....	.....	.....	.....	54

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

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

	Industry and city.	Number of establishments.	Persons engaged in the industry.									Wage earners Dec. 15, or nearest representative day.					Capital.
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		
						Male.	Female.	Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.			Male.	Female.	Male.	Female.	
	CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																
	DENVER—Continued.																*Dollars.*
1	Saddlery and harness	11	176	7	8	16	5	140	De 170	Ja 119		170	154	16			521,705
2	Shirts	3	12	3				9	Jy [2] 10	Ja [2] 8		10	3	7			7,385
3	Slaughtering and meat packing	10	2,150	9	30	335	86	1,690	Ja 1,818	Jy 1,606		1,789	1,691	97	1		7,640,333
4	Soap	6	19	5	1	1	1	11	Mh [2] 12	Ja [2] 9		10	9	1			18,876
5	Statuary and art goods	4	9	5				4	Ap [2] 5	Ja 1		4	4				6,139
6	Steam packing	3	25	1	8	3	2	11	Mh 14	Ap [2] 9		10	10				41,993
7	Structural ironwork, not made in steel works or rolling mills.	5	135	2	11	15	5	102	Se 121	Ap 86		105	105				507,141
8	Surgical appliances	4	14	3	2		2	7	Au [2] 8	No 4		7	7				11,573
9	Tobacco, cigars	34	413	45	8	17	4	339	No 490	Se 26		498	357	141			359,681
10	Trunks and valises	7	102	7	10	7	5	73	Oc 82	Ja [2] 67		80	62	11	7		189,464
11	Wirework	3	17	4	2		1	10	Ja 13	Fe [2] 8		11	11				12,206
12	All other industries *	188	4,564	115	296	430	327	3,396				3,745	2,934	796	5	10	24,952,195

* All other industries embrace—

Agricultural implements	1
Ammunition	1
Artificial limbs	2
Artificial stone products	2
Automobiles	1
Babbitt metal and solder	2
Baskets, and rattan and willow ware	1
Belting and hose, other than rubber	1
Belting, leather	1
Boxes, paper and other, not elsewhere specified	3
Boxes, wooden packing, except cigar boxes	4
Brushes	3
Butter, reworking	1
Carpets, rag	4
Carriage and wagon materials	1
Cars and general shop construction and repairs by electric-railroad companies	2
Cheese	1
Chemicals	4
Cleansing and polishing preparations	8
Clothing, men's	4
Clothing, women's	4
Coffee, roasting and grinding	5
Condensed milk	1
Cooperage, hogsheads and barrels	1
Cordials and flavoring sirups	1
Crucibles, clay	1
Dairymen's and poultrymen's supplies	1
Druggists' preparations	3
Electroplating	1
Enameling	1
Fancy articles, not elsewhere specified	2
Fertilizers	1
Flags and banners	2
Flavoring extracts	3
Furniture	13
Gas and electric fixtures	2
Gas, illuminating and heating	1
Glass, cutting, staining, and ornamenting	1
Gloves and mittens, leather	1
Gold and silver, reducing and refining, not from the ore	1
Grease and tallow, not including lubricating greases	1
Hand stamps	2
Hats and caps, other than felt, straw, and wool	3
Hats, wool-felt	1

	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																
1	BOULDER	43	263	42	25	18	13	165	De 199	Ap 141		179	170	7	2		1,056,366
2	COLORADO SPRINGS	119	1,034	97	66	96	61	714	Au 831	Fe 612		757	685	64	7	1	3,474,076
3	GREELEY	31	246	21	24	14	9	178	Jy 372	Ja 109		138	127	7	4		1,195,454
4	PUEBLO	120	2,313	90	118	164	85	1,856	Se [2] 1,945	Mh 1,699		1,925	1,682	233	9	1	10,205,557
5	TRINIDAD	37	647	14	35	21	25	552	De 580	Ap 528		586	544	41	1		1,612,786

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		

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

Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
38,857	43,040	179,296	.....	6,388	18,224	669,449	3,630	1,077,187	404,108	292	.....	.....	.....	.....	292	.....	1
.....	.....	7,932	.....	1,296	89	9,048	236	26,236	16,952	4	.....	.....	.....	.....	4	.....	2
131,683	578,434	1,986,248	150,934	7,140	80,000	22,706,488	256,794	37,577,198	4,613,916	3,251	2,819	304	.....	.....	128	2,349	3
.....	2,220	13,010	.....	3,310	122	102,136	2,034	135,454	31,284	36	30	.....	.....	.....	6	.....	4
.....	.....	3,882	350	1,225	31	1,878	291	11,307	9,138	1	.....	.....	.....	.....	1	.....	5
9,571	4,650	6,896	.....	900	1,356	39,490	753	74,297	34,054	47	18	.....	.....	.....	29	.....	6
31,360	24,045	108,823	.....	6,597	22,668	512,948	7,734	836,391	315,709	465	.....	.....	.....	.....	465	.....	7
3,700	1,344	9,457	.....	1,920	498	11,182	248	39,745	28,315	7	.....	.....	.....	.....	7	.....	8
17,232	53,282	387,566	.....	7,003	163,301	592,762	377	1,296,272	703,133	2	.....	.....	.....	.....	2	.....	9
33,195	18,941	61,744	.....	7,272	1,847	120,794	1,118	292,499	170,587	59	.....	.....	.....	.....	59	2	10
2,000	900	16,104	.....	2,756	180	31,413	643	62,906	30,850	15	.....	.....	.....	.....	15	.....	11
868,505	999,140	3,744,983	162,088	194,579	883,987	11,399,978	1,248,943	24,537,921	11,889,000	13,393	4,985	520	3	151	7,734	597	12

House-furnishing goods, not elsewhere specified 2
Ice, manufactured 2
Ink, writing 2
Instruments, professional and scientific 3
Jewelry and instrument cases 1
Lapidary work 1
Lead, bar, pipe, and sheet 1
Leather goods, not elsewhere specified 2
Leather, tanned, curried, and finished 1
Liquors, malt, including cereal beverages 2
Mattresses and spring beds, not elsewhere specified 5
Musical instruments and materials 2
Paints 6
Petroleum, refining 1
Photo-engraving 2
Photographic materials 1
Pickles, preserves, and sauces 4
Pocketbooks 1
Pottery, earthen and stone ware 3
Printing materials 1
Regalia, and society badges and emblems 1
Roofing materials, other than metal 2
Rubber tires, tubes, and rubber goods, not elsewhere specified 2
Sausage, not made in slaughtering and meat-packing establishments 1
Scales and balances 2
Signs 8
Smelting, lead 1
Smelting and refining, metals, not elsewhere specified 2
Soda-water apparatus 2
Sporting and athletic goods 2
Steel barrels, drums, and tanks 1
Stoves, gas and oil 1
Sulphuric, nitric, and mixed acids 2
Suspenders, garters, and elastic woven goods 1
Tinware, not elsewhere specified 1
Tobacco, smoking 2
Tools, not elsewhere specified 2
Toys and games 2
Typewriter supplies, ribbon 1
Upholstering materials, excelsior 1
Vinegar 3
Wall plaster and composition flooring 2
Window and door screens and weather strips 2
Wood, turned and carved 1

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

51,489	34,997	202,976	21,663	12,471	21,127	935,941	80,226	1,556,585	540,418	1,150	762	17	2	.....	369	15	1
172,670	148,420	834,218	66,115	66,590	65,757	2,267,604	132,442	4,345,147	1,945,101	1,220	113	.....	39	.....	1,068	319	2
57,861	22,577	177,983	9,230	12,396	49,550	1,099,544	40,648	1,646,451	506,259	602	410	.....	25	.....	167	8	3
318,031	345,020	2,139,208	24,569	61,295	296,708	9,128,928	497,189	13,978,264	4,352,147	5,882	3,170	37	26	.....	2,649	2,529	4
80,211	46,975	573,393	620	19,634	41,971	948,382	41,583	1,928,464	938,499	831	434	.....	.....	.....	427	198	5

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